



Our reference: DOC14/215853

Andrew Hartcher
NSW Department of Planning and Environment
GPO Box 39
Sydney NSW 2001

Dear Mr Hartcher,

RE: Sand Storage and Distribution Facility, Glebe Island (SEAR No.852).

Thank you for your letter dated 26 September 2014 requesting the Environment Protection Authority's (EPA) input to the Secretary's Environmental Assessment Requirements (SEARs) for the Environmental Assessment (EA) for the above project.

The EPA has considered the information provided by the Department of Planning and Environment and identified the key issues required to assess the project (Attachment 1). The proponent should ensure that the environmental assessment is sufficiently comprehensive to enable the EPA to determine the extent of the impacts of the project.

The key issues requiring assessment for the project are summarised below:

1. An environment protection licence will be required to carry out a scheduled activity under the *Protection of the Environment Operations Act 1997*.
2. Environment protection licence issues, including water, air, noise etc.
3. Other broad environment protection issues of concern for the proposed project.
4. Actions that will be taken to avoid or mitigate impacts or compensate for unavoidable impacts in 1-3 above.

The EPA requests one electronic copy of the EA for assessment. Please send the copy to our referral mailbox at planning.matters@environment.nsw.gov.au. If you have any queries regarding this matter please me on 9995 6810.

Yours sincerely

A handwritten signature in black ink, appearing to read 'P Morrall', followed by the date '13.10.14'.

PETER MORRALL
A/Unit Head Infrastructure
Environment Protection Authority

**EPA's Recommended
Environmental Assessment
Requirements (EARs)**

**Sand Storage and Distribution
Facility, Glebe Island (SEAR No.
852)**

1 Environmental Impacts of the Project

1. Impacts related to the following environmental issues need to be assessed, quantified and reported on:

- Air Issues
 - Air quality
- Noise and vibration
- Waste including hazardous materials and radiation
 - Waste EARs for waste facilities
 - General waste
- Water and Soils
 - Acid sulfate soils
 - Contaminated sites
 - Soil issues - general
 - Water quality

Environmental assessments (EAs) should address the specific requirements outlined under each heading below and assess impacts in accordance with the relevant guidelines mentioned.

SPECIFIC ISSUES

3 Air Issues

The EA should include a detailed air quality impact assessment (AQIA). The AQIA should:

1. Assess the risk associated with potential discharges of fugitive and point source emissions for all stages of the proposal including emissions from ships. Assessment of risk relates to environmental harm, risk to human health and amenity.
2. Justify the level of assessment undertaken on the basis of risk factors, including but not limited to:
 - a. proposal location;
 - b. characteristics of the receiving environment; and
 - c. type and quantity of pollutants emitted.
3. Describe the receiving environment in detail. The proposal must be contextualised within the receiving environment (local, regional and inter-regional as appropriate). The description must include but need not be limited to:
 - a. meteorology and climate;
 - b. topography;
 - c. surrounding land-use; receptors; and
 - d. ambient air quality.
4. Include a detailed description of the proposal. All processes that could result in air emissions must be identified and described, including emissions from ships. Sufficient detail to accurately communicate the characteristics and quantity of all emissions, including those from ships, must be provided.
5. Detail emission control techniques/practices that will be employed by the proposal. All emission controls must be benchmarked against best practice process design and emission control. Nominated controls must be explicitly linked to calculated emission reductions adopted in the air quality impact assessment emissions inventory, with all assumptions documented and justified.
6. Include a consideration of 'worst case' emission scenarios and impacts at proposed emission limits. This should include scenarios involving multiple ship berthings.
7. Account for cumulative impacts associated with existing emission sources as well as any currently approved developments linked to the receiving environment. This should include emissions from the White Bay Cruise Passenger Terminal.
8. Include air dispersion modelling where there is a risk of adverse air quality impacts, or where there is sufficient uncertainty to warrant a rigorous numerical impact assessment. Air dispersion modelling must be conducted in accordance with the *Approved Methods for the Modelling and Assessment of Air Pollutants in NSW* (2005)
<http://www.epa.nsw.gov.au/resources/air/ammodelling05361.pdf>.
9. Demonstrate the proposal's ability to comply with the relevant regulatory framework, specifically the *Protection of the Environment Operations (POEO) Act (1997)* and the *POEO (Clean Air) Regulation (2010)*.

Contact: Steve Roseland
Phone: 9367 9279



16 October 2014

Mr Cameron Sargent
Team Leader – Industry, Key Sites and Social Projects
Department of Planning & Environment
GPO Box 39
SYDNEY NSW 2001

ABN: 92 379 942 845
7-15 Wetherill Street, Leichhardt NSW 2040
PO Box 45, Leichhardt NSW 2040
Phone: (02) 9367 9222 Fax: (02) 9367 9111
TTY: 9568 6758
Email: leichhardt@lmc.nsw.gov.au
www.leichhardt.nsw.gov.au

**RE: Request for SEARs for Sand Storage and Distribution Facility,
Glebe Island (SEAR No. 852)**

Thank you for the opportunity to provide input into the draft SEARs for the proposed Sand Storage and Distribution Facility at Glebe Island, Rozelle.

Council has considered the information provided and requests that the following assessment be undertaken to ensure that key issues and concerns are addressed by the applicant.

Acoustic issues

It is recommended that an acoustic assessment be carried out addressing the following as a minimum:

- Nominate the most affected residential premises;
- Noise from truck movements such as reversing signals and engines revving;
- Noise from shipping movements such as unloading of cargo onto the conveyor;
- Noise from plant and equipment such as cranes, forklifts, ship's engines, conveyors;
- The proposed 24/7 operation and the impact on residential properties on the opposing side of White Bay;
- Clarification of the truck movements/routes
- Acoustic attenuation provided for all three sheds i.e. construction measures;
- Further construction details of the sound proof fence along the northern boundary; and
- Cumulative impact of the Exhibition Centre, Cruise Terminal and the Sand Storage and Distribution Facility when operating.

Air quality issues

It is proposed that the sand load will be transported uncovered from the ship to the sheds via a conveyor belt and into a hopper. Clarification on how the sand

IMPORTANT

This letter contains important information. If you do not understand it please ask a relative or friend to translate it or come to Council and discuss the letter with Council's staff using the Telephone Interpreter Service.

English

IMPORTANTE

Questa lettera contiene delle informazioni importanti. Se non capisce il contenuto è pregata di chiedere aiuto ad un parente o un amico, oppure La Invitiamo di venire in prersona al Municipio a parlarne con un nostro implegato, utilizzando il Servizio Interprete Telefonico.

Italian

IMPORTANTE

Esta carta contiene información importante. Si usted no la entiende, pídale a un familiar o a un amigo que se la traduzca, o venga a la Oficina de la Municipalidad y hable acerca de la misma con el personal de la oficina a través del Servicio Telefónico de Intérpretes.

Spanish

TIN QUAN TRỌNG

Tin tức trong thư này rất quan trọng. Nếu bạn không hiểu, hãy nhờ thân nhân hoặc bạn bè dịch cho bạn nghe hoặc tới văn phòng Hội Đồng Thành Phố để thảo luận với nhân viên qua dịch vụ thông ngôn điện thoại.

Vietnamese

ΠΡΟΣΟΧΗ

Το γράμμα αυτό περιέχει σπουδαίες πληροφορίες. Αν δεν το καταλαβαίνετε, παρακαλέστε ένα συγγενή ή φίλο να σας το μεταφράσει, ή ελάτε στο Δημαρχείο και συζητήστε το γράμμα με το προσωπικό του Δημαρχείου χρησιμοποιώντας την Τηλεφωνική Υπηρεσία Διερμηνέων.

Greek

重要信息

此信包含重要內容。若有不明白之處，可請親戚或朋友幫助翻譯。或請到市政會來，通過電話傳譯服務與市政會人員討論信的內容。

Chinese

load will be contained and prevented from blowing off the conveyor and into the hopper.

Light spillage concerns

It is recommended that an assessment be carried out addressing the impacts of any proposed and existing lighting in accordance with the AS4282:1997 associated with the 24/7 operation and the potential impact on residential premises.

Construction Traffic

Details to be provided of likely construction routes, number of vehicles/trucks per day, construction period, size of vehicles/trucks and construction staff parking arrangements.

Operational Traffic

Draft SEARs to require the following impact assessments:

- Traffic impact assessment should include SIDRA assessment of key intersections detailed below in the weekday AM, weekday PM and Saturday lunchtime peak and potential mitigating measures to reduce the potential impact:
 - Victoria Rd/Terry St
 - Victoria Rd/Wellington St
 - Victoria Rd/Darling St
 - Victoria Rd/Robert St
 - Victoria Rd/The Crescent
 - The Crescent/James Craig Rd
 - The Crescent/CWL
 - The Crescent/Johnston St
 - Johnston St/Booth St
 - Booth St/Wigram Rd

Details of estimated truck trips per hour over the 24 hour period is to be supplied.

- Scenarios to be tested:
 - Existing;
 - Existing with proposed development; and
 - Existing with proposed development plus Cruise Terminal with 2 ships in, Major event at Sydney Exhibition Centre, plus Super Yacht Marina and Harold Park
- Consideration of the proposed development in the context of the Bays Precinct/Rozelle Goods yards redevelopments regarding traffic movements

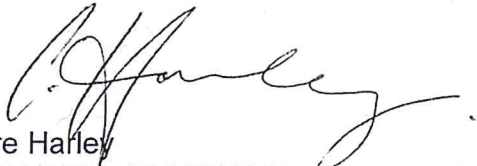
- Impact of increased heavy vehicle activity on Council's bicycle and pedestrian networks
- Impacts should include noise associated with heavy vehicles
- Details of manoeuvring area to accommodate the six (6) B-doubles demonstrating with swept path analysis that the area has sufficient space and also to cater for the maximum number of trucks expected at any given time
- Details of staff parking arrangements

Robert Street

The use of Robert Street and/or the recently constructed slip lane out of Sydney Port Road onto Robert Street is not supported.

Should you wish to further discuss this submission please contact Steve Roseland, Senior Strategic Planner on 0367 9279 or email steve@lmc.nsw.gov.au.

Yours sincerely



Clare Harley

MANAGER - ENVIRONMENT & URBAN PLANNING



**Transport
for NSW**

Cameron Sargent
Team Leader
Key Sites and Social Projects
Department of Planning and Environment
GPO Box 39
Sydney NSW 2001

Attention: Andrew Hartcher

Request for SEARs for Sand Storage and Distribution Facility, Glebe Island (SEAR No.852)

Dear Mr Sargent

Thank you for your letter dated 26 September 2014 requesting Transport for NSW (TfNSW) provides input into the draft SEARs for the proposed Sand Storage and Distribution Facility at Glebe Island.

The suggested additions and changes to the SEARs are provided below.

Section 2 - Traffic

Replace Section 2 (Traffic) with the following:

"- including a Traffic Impact Assessment (TIA) for construction and operation activities of the proposed facility, including but not limited to:

- *Daily and peak traffic movements likely to be generated.*
- *Details of access arrangements to the proposed facility.*
- *Detailed plans of the proposed layout of the internal road network and parking arrangement on site in accordance with the relevant Australian Standards.*
- *Indicative construction program and other construction projects likely to occur adjacent to the site.*
- *Proposed transportation of materials to the site including haulage routes, type of vehicles accessing the site and proposed locations for handling materials.*
- *Details of emergency vehicles and maintenance/service vehicle movements and access arrangements.*

Andrew Hartcher

From: JEGATHESAN Jana <Jana.JEGATHESAN@rms.nsw.gov.au>
Sent: Tuesday, 7 October 2014 1:49 PM
To: Andrew Hartcher
Subject: Request for SEARs for Sand Storage and Distribution Facility, Glebe Island (Sear No 852)

Hi Andrew,

Roads and Maritime has no objection to the proposal as Draft SEARs contains the necessary information. Thanks.

Regards,

Jana Jegathesan
Land Use Planner
Network Management | Journey Management
T 02 8849 2313 M 0428 210 152
www.rms.nsw.gov.au
Every journey matters

Roads and Maritime Services
Level 7 27 Argyle Street Parramatta NSW 2150



Before printing, please consider the environment

IMPORTANT NOTICE: This email and any attachment to it are intended only to be read or used by the named addressee. It is confidential and may contain legally privileged information. No confidentiality or privilege is waived or lost by any mistaken transmission to you. Roads and Maritime Services is not responsible for any unauthorised alterations to this email or attachment to it. Views expressed in this message are those of the individual sender, and are not necessarily the views of Roads and Maritime Services. If you receive this email in error, please immediately delete it from your system and notify the sender. You must not disclose, copy or use any part of this email if you are not the intended recipient.

