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SYDNEY PORTS CORPORATION
INTERMODAL LOGISTICS CENTRE - ENFIELD
INDEPENDENT ENVIRONMENTAL COMPLIANCE-
AUDIT REPORT

December 2010

ILC – SF – E – REP Independent Environmental Compliance Audit Report



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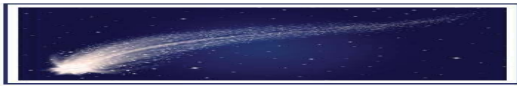


Contents

1.0	AUDIT DETAILS	4
1.1	Background.....	4
1.2	Audit Objectives & Criteria.....	5
1.3	Audit Scope.....	6
1.4	Auditor.....	6
1.5	Meetings.....	7
2.0	AUDIT FINDINGS	7
2.1	Compliance Status.....	8
2.2	Opportunities for Improvement.....	9
2.3	Noise and Air Quality Monitoring.....	10
2.4	Previous audit findings.....	11
3.0	AUDIT CONCLUSIONS	12

APPENDIX A: Audit Checklist

APPENDIX B: 2009 Audit Findings



1.0 AUDIT DETAILS

1.1 Background

Sydney Ports Corporation (Sydney Ports) is the Proponent for the Intermodal Logistics Centre (ILC) at Enfield.

The proposed ILC at Enfield will be used for the transfer and storage of container freight to and from Port Botany, packing and unpacking of containers within the proposed warehouses and storage of empty containers for later re-use or for return to the Port. The development will include:

- an intermodal terminal for the loading and unloading of containers between road and rail and short term storage of containers;
- warehousing for the packing and unpacking of containers and short-term storage of cargo;
- empty container storage facilities for the storage of empty containers for later packing or transfer by rail;
- a light industrial and commercial area complementary to operations at the ILC. The area will also act as an interface to adjacent uses along Cosgrove Road;
- a Community and Ecological Area for ecological enhancement and community opportunities;
- off-site works including the construction of a road bridge over the existing RailCorp Marshalling Yards for access to Wentworth Street, upgrade the entrance to the site from Cosgrove Road and the reconstruction of the Norfolk Road and Roberts Road intersection, to manage access/egress of vehicles to/from the ILC Site, and rail connections to the freight rail network.

The ILC site is located at Strathfield South, approximately 15 km by road from the Sydney CBD and 18 km by rail from Port Botany. The site covers an area of around 60 ha extending approximately from the intersection of the Hume Highway and Roberts Road in the north to the intersection of Punchbowl Road and Cosgrove Road in the south.

The works to be undertaken by Sydney Ports for the Project include:

1. detailed design;
2. enabling works generally comprising:
 - demolition of site structures;
 - construction of the north sidings rail corridor;
 - removal of unsuitable materials, where required, and remediation of contaminated areas;
 - stabilisation, relocation or demolition of heritage items on the ILC Site; and
 - removal of RailCorp's aerial 11 kV wiring and power poles from the ILC site.



3. Early works including a road bridge over RailCorp's New Enfield Marshalling Yards, northern and southern rail connections, noise earth barrier (south-east), frog habitat creation area (not including the frog movement corridor or landscaping) and other associated minor works;
4. construction (by main contractor/s) of the main off-site and on-site base infrastructure;
5. Tenant works – intermodal terminal, warehouses, empty container storage areas, administration buildings; and
6. Light Industrial Commercial works.

Project Approval (the Approval) for the ILC Project was issued by the NSW Minister for Planning on 5 September 2007. Modifications to the Approval conditions were made by the Minister on 7 October 2008, 30 March 2009 and 27 May 2010.

The works carried out to date under the Approval are largely to prepare the site for the major construction phase and include those listed under points 1 and 2 above.

Leighton Contractors Pty Ltd (Leighton Contractors) was engaged by Sydney Ports in September 2010 to undertake the Early Works' Road bridge over RailCorp's Marshalling Yard.

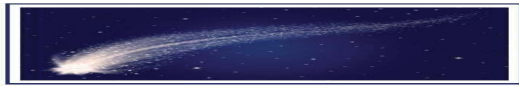
1.2 Audit Objectives & Criteria

Condition 4.1 of the Approval requires Sydney Ports to develop and implement a Compliance Tracking Program to track compliance with the conditions of approval. The full condition is set out below:

"The Proponent shall develop and implement a Compliance Tracking Program to track compliance with the requirements of this approval. The Program shall include, but not necessarily limited to:

- a) provisions for periodic review of the compliance status of the project against the requirements of this approval;*
- b) provisions for periodic reporting of compliance status to the Director-General;*
- c) a program for independent environmental auditing at least annually, or as otherwise agreed by the Director-General, in accordance with ISO 19011:2002 - Guidelines for Quality and/ or Environmental Management Systems Auditing;"and*
- d) mechanisms for rectifying any non-compliance identified during environmental auditing or review of compliance".*

This independent environmental audit has been undertaken on behalf of Sydney Ports to fulfil the objective of meeting the requirements part c) of Condition 4.1.



The audit criteria are:

- The Conditions of Approval (CoA) and Statement of Commitments (SoC) relevant to the current construction phase of the Project; and
- The current status of actions proposed by Sydney Ports in response to the previous 2009 Independent Audit findings (Appendix A).

1.3 Audit Scope

Sydney Ports' ILC Project was the subject of this audit. The audit addressed the relevant requirements of the current stage of the project (further discussed in section 2 below).

The ILC project is being delivered in stages. At the time of the audit (December 2010) Leighton Contractors and Sydney Ports' personnel had mobilised to the site with construction of the road bridge across the RailCorp marshalling yards having commenced, and Leighton were undertaking geotechnical investigation works over the whole site.

The audit included document review and interviews with Sydney Ports' staff based at its corporate office in Windmill Street, Walsh Bay and an inspection of the project site in Enfield including extent of implementation of the approved Stage 2 Construction Environmental Management Plan (CEMP).

1.4 Auditor

The audit was carried out by Steve Fermio of Steve Fermio Environmental on behalf of Sydney Ports. Steve Fermio is a RABQSA accredited independent environmental auditor (Certificate No 110498) specialising in environmental assessments and audits of infrastructure projects.

The audit was undertaken in accordance with ISO 19011:2002 – Guidelines for Quality and/or Environmental Management Systems Auditing.

I would like to acknowledge the cooperation of Sydney Ports and Leighton Contractors personnel in providing access to all documentation and sites requested during the audit.



1.5 Meetings

The following meetings were held by the auditor over the course of the audit:

MEETING TYPE	LOCATION	ATTENDEES	DATE
Opening meeting	Sydney Ports' ILC Project Site Office, Enfield	Jason Pearson – Leighton Contractors' Project Manager Stephen Zaczekiewicz – Sydney Ports' Senior Development Manager Steve Fermio Ricardo Prieto-Curiel – Sydney Ports' ILC Environment and Planning Manager (Bovis Lend Lease) Peter Phillips – Sydney Ports' Project Manager (TSA Management) Bruce Royds – Sydney Ports' Senior Construction Manager Brad Hale – Leighton Contractors' Quality Manager	15 November 2010
Desktop review	Sydney Ports' Corporate Office, Walsh Bay	Steve Fermio Ricardo Prieto-Curiel Alison Tourle – Sydney Ports' ILC Environment Officer (Evans & Peck)	25 November 2010
Site inspection, outline of findings & closing meeting	ILC Site, Enfield	Steve Fermio George Kollias - Leighton Contractors' Environment Manager Jason Pearson (outline of findings & closing meeting only) Ricardo Prieto-Curiel Alison Tourle Laura Whitehouse – Sydney Ports' ILC Environment Officer (Evans & Peck)	2 December 2010

2.0 AUDIT FINDINGS

Some CoA – particularly those relating to the operation of the ILC facility – were not relevant to the construction phase of the project and these conditions are not reported on in this audit. The Audit Action List (Table 1) provides a summary of the audit findings. Sydney Ports' actions in response to these findings will be reported in the 2011 Audit Report.



The Audit Checklist is provided in Appendix A and includes details of the evidence provided in support of compliance based on the documents provided to the auditor, information made available online and an inspection of the ILC site on 2 December 2010.

The findings are divided into three categories, namely ***'Compliance'***, ***'Non Compliance'*** or ***'Opportunity for Improvement'***.

In this report a *non compliance* indicates the criteria (condition or commitment) have not been satisfied on the basis of the evidence available.

Where an observation made during the audit could lead to an improvement in the management or demonstration of compliance this has been recorded as an *opportunity for improvement*.

2.1 Compliance Status

No non compliances with the CoA or SoCs were identified during the audit.



Plate 1: Good practice concrete washout controls associated with road over-bridge works



2.2 Opportunities for Improvement

Several observations made during the audit present opportunities for improvement including:

- Leighton Contractors' Environmental Essentials Training is yet to be substantially rolled out on site for leadership and influencing positions including site engineers, supervisors and construction managers as required by the Stage 2 CEMP. The induction of relevant personnel into this program at the earliest opportunity should be considered a priority.
- Consideration should be given to amending the 'impact' column in Sydney Ports' Incident Register to include an assessment of whether actual or potential significant off-site impacts on people or biophysical environment have occurred. This would enable the reasons behind any decision to notify (or not notify) the Director-General of an incident to be recorded.
- During the site inspection it was noted several corer casings had been placed under the drip line of Casuarina trees near the overbridge foundation works on the Wentworth Avenue side of the site. (Note: The Leighton Contractor's Environment Manager undertook to have this immediately rectified and fencing organised for installation.) Consideration should be given to:
 - removing the casings and fencing off the area under the drip line of these trees and any other trees to be retained on site to prevent a recurrence; and
 - amending the Environmental Checklist (Appendix D of the Stage 2 CEMP) to include protection from material storage, vehicle parking etc of the root zones of trees to be retained.
- Dust monitoring reports indicate that the DustTrak instrument used at the northwest of the site has been subject to technical faults resulting in some data losses. It is recommended that this situation be evaluated to determine if the frequency and duration of these faults are within normal and acceptable operational limits for such equipment.



Plate 2: Spill kit deployed in the field

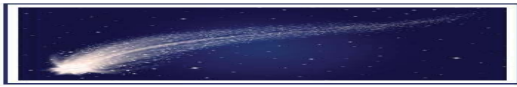
2.3 Noise and Air Quality Monitoring

Air quality monitoring

Monthly dust monitoring reports prepared by Heggies Pty Ltd for January to October 2010, which includes the period of commencement of the overbridge works, were reviewed. These reports indicate that with the exception of some technical data fault losses (see below) the meteorological and dust parameters required to be monitored under Conditions 3.1 and 3.2 are being continuously monitored in accordance with the requirements of the conditions or as otherwise agreed by the Director-General.

The reports sampled also indicate that the DustTrak instrument used at the northwest of the site has been subject to technical faults resulting in some data losses. It is recommended that this situation be evaluated to determine if the frequency and duration of these faults are within normal operational limits for such equipment.

The dust monitoring results indicate that PM₁₀ concentrations (24-hour) of greater than 50 µg^m⁻³ were exceeded infrequently and, on the occasions this level was exceeded, investigations were carried out in response to the identify the likely cause. Analysis of wind direction, site activities and regional air quality on the days exceedances were recorded, indicated that the elevated dust



concentrations were unlikely to have been caused by any site activities. Analysis of the NSW DECCW air quality monitoring data recorded at the nearby Chullora and Earlwood sites indicated that generally elevated readings were the result of elevated levels of PM₁₀ experienced across the region, rather than from site or localised activities.

Noise monitoring

Construction noise monitoring at the ILC site is being undertaken by Leighton Contractors. Noise monitoring of works carried out during the rail possession weekend of 7/8 November 2010 indicate that the construction noise levels at the nearest residential receivers were met.

2.4 Previous audit findings

A review of the status of actions proposed by Sydney Ports in response to the 2009 Independent Audit findings was undertaken as part of this audit (Appendix A).

All of the actions proposed have been undertaken and the previous findings can be considered closed.



Plate 3: Comprehensive signage (including site speed limit) deployed at ILC site



3.0 AUDIT CONCLUSIONS

The review of compliance records required to satisfy the audit criteria indicated a continuing strong focus by Sydney Ports on achieving compliance through attention to detail in documentation, excellent record keeping and reporting to authorities.

Sydney Ports' and Leighton Contractors' compliance records were well organised and complete and the records required to be made available on the dedicated ILC website were available at the time of the audit.

The site visit also indicated a high level of implementation of the approved Stage 2 CEMP and sub plans relevant to the road overbridge works currently underway - including the implementation of environmental monitoring and protection measures.

As no instance of non compliance was identified with the CoA or SoC, Sydney Ports and its early works contractor (Leighton Contractors) have demonstrated a commendable level of compliance.

Notwithstanding the above, several opportunities for improvement were identified for consideration as detailed in section 2.2 above.



Plate 4: Relevant project contact details clearly displayed on perimeter of ILC site for community

Table 1- AUDIT ACTION LIST

No	Item	Non compliance (N) Opportunity for Improvement (O)	Action Item	Proposed Action	Who By	When	Date Closed
1	NA	O	Corer casings had been placed under the drip line of Casuarina trees to be retained near the overbridge foundation works on the Wentworth Avenue side of the site. Consideration should be given to removing the casings and fencing off the area under the drip line of these trees (& any other trees to be retained on site) to prevent a recurrence and amending the Environmental Checklist (Appendix D of Stage 2 CEMP) to include specific reference to root zone protection for those trees to be retained.				
2	CoA 6.2(g)	O	Leighton Contractors' Environmental Essentials Training for leadership and influencing positions, including site engineers, supervisors and construction managers, is yet to be substantially rolled out on site, as required by the Stage 2 CEMP. The induction of relevant personnel into this program at the earliest opportunity should be prioritised.				
3	CoA 7.1	O	Consideration should be given to amending the 'impact' column in Sydney Ports' Incident Register to include an assessment of whether actual or potential significant off-site impacts on people or biophysical environment have occurred. This would enable the reasons behind any decision to notify (or not notify) the Director-General of an incident to be recorded.				
4	CoA 3.2	O	Dust monitoring reports indicate that the DustTrak used at the northwest of the site was subject to technical faults resulting in some data losses. It is recommended that this be evaluated to determine if the frequency/duration of the faults are within normal operational limits for the equipment.				

APPENDIX A: AUDIT CHECKLIST

CoA	Summary of requirement	Compliance status Y/N	Evidence of implementation
1.1	The Proponent shall carry out the project generally in accordance with the environmental documentation....	Y	Consideration of responsibility for compliance with this condition is indicated by: <ul style="list-style-type: none"> • Modifications 1i) &j) to MCoA 1.1 indicate the scope of the approved works are being periodically reviewed and revised as needed • Appendix H of the Works Brief between Sydney Ports & Leighton Contractors (LCPL) dated June 2010 assigns responsibility for each condition to either party.
1.3	The Proponent shall comply with any reasonable requirement(s) of the DG arising from the Department's assessment of any reports, plans or correspondence submitted in accordance with the approval and the implementation of any actions or measures contained in these reports, plans or correspondence.	Y	Documentation sampled including Stage 2 CEMP approval letter indicates compliance with this requirement.
1.3A	The Proponent may construct and/or operate the project in stages with commensurate staging of compliance with the conditions of this approval...	Y	Sydney Ports CEMP Framework Rev 10 (Sep 2010) available on website.
1.12	The Proponent shall ensure that all licences, permits and approvals are obtained and kept up-to-date.. The Proponent shall ensure that a copy of this approval and all relevant environmental approvals are available on the site at all times during the project.	Y	No Environment Protection Licence required for construction at this stage. Current version of approval was sighted on site.
2.1	The Proponent shall provide a shuttle bus service between Strathfield train station and the site during peak construction works and shall encourage employees to utilise public transport rather than private transport to the site	Y	Peak construction works considered to commence after the CEMP for Stage 3 covering main construction of base infrastructure has been approved. At the time of the audit the Stage 3 CEMP and associated works had not been approved or commenced.
2.11	Prior to commencement of any works associated with the construction of connections to the existing freight rail network and the road bridge over the New Enfield Marshalling Yards, the Proponent shall consult with RailCorp to reach agreement on the detailed design and operational aspects of the rail and road infrastructure component of the project on RailCorp land. Design details shall include a)...h). All works associated with rail and road infrastructure on RailCorp land shall be undertaken in accordance with the agreement reached with RailCorp.	Y	Railway Works Deed executed between Sydney Ports & RailCorp on 29 October 2010 including details of road bridge (only work relevant to this condition that has commenced on site at time of audit) was sighted.
2.12	The Proponent shall establish and maintain for the life of the project..a Road Transport Coordination Group to oversee and coordinate the management of traffic and road issues... including representatives of the Proponent, the Department, the RTA, Strathfield Municipal Council and Bankstown City Council...	Y	Minutes of meetings held 12 February 2010, 27 May 2010 and 9 September 2010 in accordance with ToR (quarterly) were sighted.

CoA	Summary of requirement	Compliance status Y/N	Evidence of implementation
2.13	The Proponent shall minimise noise emissions from plant and equipment operated on the site by installing and maintaining, wherever practicable, efficient silencers, low-noise mufflers (residential standard) and by replacing reversing alarms with alternative silent measures, such as flashing lights (subject to OHS requirements).	Y	Non tonal reversing alarms fitted to all mobile plant (including 4WDs) observed reversing on site at time of audit.
2.14	The Proponent shall, as soon as practicable during site preparation, and prior to the commencement of construction of rail trackwork and hardstand for the intermodal terminal, empty container and warehousing components of the project, install earth mound noise barriers in the south east of the site, as generally described in the documents referred to under condition 1.1 of this approval.	Y	South east earth mound noise barrier has not been constructed yet however DoP letter of 19 August 2010 acknowledges SP's contention that the barrier is not required prior to commencement of construction of the road bridge
2.15	The Proponent shall only undertake site preparation and construction activities associated with the project that would generate an audible noise at any residential premises during the following hours: a) 7:00 am to 6:00 pm, Mondays to Fridays, inclusive; b) 8:00 am to 1:00 pm on Saturdays; and c) at no time on Sundays or public holidays. This condition does not apply in the event of a direction from police or other relevant authority for safety reasons.	Y	No evidence of non-compliance with hours of work was identified by complaints from the public or notifications by regulators
2.16	The hours of site preparation and construction activities specified under condition 2.15 of this approval may be varied with the prior written approval of the Director-General....	Y	DoP approval dated 29 October 2010 for out of hours work during possession on 6-8 November 2010 was sighted
2.20	The Proponent shall install, operate and maintain a meteorological monitoring station to monitor weather conditions representative of those on the site, in accordance with: a) AM-1 Guide to Siting of Sampling Units (AS 2922-1987); b) AM-2 Guide for Horizontal Measurement of Wind for Air Quality Applications (AS 2923-1987); and c) AM-4 On-Site Meteorological Monitoring Program Guidance for Regulatory Modelling Applications. The Proponent shall install the meteorological monitoring station prior to the commencement of site preparation or construction works and shall use the station to undertake the monitoring required under condition 3.1 of this approval....	Y	Meteorological monitoring station installed near the Tarpaulin Factory and live data viewed via internet access indicates station is being continually operated and maintained

CoA	Summary of requirement	Compliance status Y/N	Evidence of implementation
2.21	The Proponent shall not permit any offensive odour, as defined under section 129 of the <i>Protection of the Environment Operations Act 1997</i> , to be emitted beyond the boundary of land owned by the Proponent (the site the subject of this approval).	Y	No offensive odours detected at time of site inspection (2 December 2010)
2.22	The Proponent shall design, construct, commission, operate and maintain the project in a manner that minimises or prevents the emission of dust from the site including wind blown and traffic generated dust.	Y	No dust emissions observed at time of site inspection (2 December 2010)
2.23	The Proponent shall take all practicable measures to ensure that all vehicles entering or leaving the site, carrying a load that may generate dust, are covered at all times, except during loading and unloading...	Y	No heavy vehicles observed leaving the site at time of inspection (2 December 2010). This requirement has been incorporated in the Stage 2 CEMP.
2.24	All activities on the site shall be undertaken with the objective of preventing visible emissions of dust beyond the boundary of the site. Should such visible dust emissions occur at any time, the Proponent shall identify and implement all practicable dust mitigation measures... such that emissions of visible dust cease.	Y	Excess concrete used to fill potholes. Crushed concrete and aggregate used to cover unsealed roads to reduce dust.
2.25	The Proponent shall manage, maintain and use internal haulage roads in order to prevent dust emissions. The measures to be implemented for the management of potential dust emissions from internal roads during construction shall be incorporated in the CEMP required under condition 6.3.	Y	See above. Stage 2 CEMP includes measures to prevent dust emissions.
2.26	The Proponent shall apply and enforce a 25 km/ h speed limit on the site during site preparation and construction works to minimise the potential for dust generation.	Y	20km/hour speed limit signs observed at several locations around the site
2.27	The Proponent shall ensure that all vehicles and equipment directly associated with site preparation and construction works (as distinct from passenger vehicles) pass through a wheel wash prior to leaving the site.	Y	Wheel wash observed in use for vehicles exiting site onto Cosgrove Road. Gurni gun used to clean wheels of vehicles existing onto Wentworth Avenue side of site where necessary
2.28	Except as may be expressively provided under an Environment Protection Licence applicable to the project, the Proponent shall comply with section 120 of the <i>Protection of the Environment Operations Act 1997</i> which prohibits the pollution of waters.	Y	No dirty water observed discharging from site at time of inspection (2 December 2010) even with 42 mm rain reported by LCPL over the preceding 48 hours. Stage 2 CEMP includes procedures to avoid the pollution of waters.
2.29	Soil and water management controls shall be employed to minimise soil erosion and the discharge of sediment and other pollutants... in accordance with Landcom's <i>Managing Urban Stormwater: Soils and Construction</i> .	Y	Erosion & Sediment Control Plans (ESCP) sighted and observed to be implemented in the field during site visit on 2 December. ESCPs signed off by LCPL's Environment Manager who is certified by the International Erosion Control Association of Australasia.

CoA	Summary of requirement	Compliance status Y/N	Evidence of implementation
2.30	All stockpiled construction materials shall be adequately located, stabilised and maintained to prevent erosion or dispersal of the materials.	Y	Observed during site inspection. Many stockpiles observed to be stabilised through extensive vegetation cover
2.34	Except for necessary stabilisation works agreed in consultation with the NSW Heritage Office, the Proponent is not permitted to destroy, modify or otherwise physically affect the Tarpaulin Factory as part of this approval...	Y	Tarpaulin Factory present on site. Evidence of consultation with Strathfield Council re the future of the Factory sighted in Council's letter to SP of 26 August 2010.
2.35	The Proponent shall relocate and maintain the Pillar Water Tank to an appropriate location within the site, determined in consultation with the NSW Heritage Office.	Y	Pillar Water Tank relocated to the southern part of the site in accordance with DoP letter dated 23 July 2010
2.36	The Proponent shall undertake such works as may be necessary to stabilise the Pillar Water Tank as part of the relocation of that heritage item on the site...	Y	Photographic record showing relocation of Pillar Water Tank observed on site during site inspection
2.37	The Proponent shall relocate and maintain the Pedestrian Footbridge, if feasible, to an appropriate location within the site, determined in consultation with the NSW Heritage Office...	Y	Photographic record of relocation of Pedestrian Footbridge observed during site inspection. DoP letter of approval dated 25 August 2010 for relocation of footbridge to Dorrigo Steam Rail and Museum sighted.
2.38	The Proponent is permitted to destroy the Yard Master's Office, the Administration Building, and the Wagon Repair Shed (and associated Gantry Crane). Prior to the destruction of these items, the Proponent shall engage an independent, qualified heritage expert to prepare an archival recording of these items in accordance with NSW Heritage Office guidelines. Destruction of these items shall not commence until the NSW Heritage Office has indicated its satisfaction with the archival recordings and the recordings have been lodged with the Strathfield Public Library, or other repository agreed by the DG.	Y	These works have been completed and letter from Heritage Office of 3 November 2008 indicating satisfaction with archival recording was sighted. Strathfield Council letter of 13 November 2008 acknowledging receipt of archival recording was sighted.
2.39	All waste materials removed from the site shall only be directed to a waste management facility lawfully permitted to accept the materials.	Y	Waste Transfer Docket System to be implemented. "Waste Management and Recycling Report" prepared by the waste contractor dated 1 November 2011 sighted. The report details waste types and volumes
2.40	The Proponent shall ensure that all liquid and/ or non-liquid waste generated, stored on the site or disposed of, is assessed and classified in accordance with the Waste Classification Guidelines (DECC 2008).	NA	No liquid wastes observed on site at time of site inspection
2.41	The Proponent shall ensure that the transport of any hazardous and/ or industrial and/ or Group A waste from the site is conducted strictly in accordance with any requirements that may be specified by the DECC in relation to the transport of those wastes.	NA	Asbestos waste managed by licensed asbestos contractors. Licensed contractor's report to LCPL sighted.

CoA	Summary of requirement	Compliance status Y/N	Evidence of implementation
2.42	The Proponent shall ensure that contaminated areas of the site that are disturbed by construction works associated with the project are remediated prior to the commencement of project operations at these areas. All remediation works shall be undertaken in accordance with the requirements of the Contaminated Land Management Act 1997 and Contaminated Sites: Guidelines for Consultants Reporting on Contaminated Sites (EPA 1997).	Y	Site Audit Statement (Part A) for SP1 dated 22 August 2009 sighted and letter to DG of 31 August submitting SAS also sighted. Validation Report for Separable Portions 2, 3, 4 and 5 (Coffey, April 2010) and Interim Advice Letters dated July 2010 and 25 November 2010 from the Site Auditor for remediation works at the site sighted.
2.43	Prior to the commencement of construction works associated with the project that may disturb contaminated areas of the site, the Proponent shall submit to the DG a Site Audit Statement(s), prepared by an accredited Site Auditor.. verifying that the area of the site on which construction is to be undertaken has been or can be remediated to a standard consistent with the intended land use... A final Site Audit Statement (s), prepared by an accredited Site Auditor, certifying that the contaminated areas have been remediated to a standard consistent with the intended land use is to be submitted to the DG prior to operation of the remediated site/s.	Y	Site Audit Statement (Part B) for SP1 dated 19 February 2009 and SASs Part B for SP2, 3 and 4 and for SP5 dated 2 July 2009 and 4 November 2009 respectively were sighted. Site Audit Report, Remediation Action Plan, Slip Lane Construction Zone, Corner Roberts and Norfolk Roads, Greenacre, NSW dated September 2010 prepared by Environ P/L for SP sighted.
2.44	The Proponent shall manage any asbestos or asbestos-contaminated materials that may be uncovered during the construction..in accordance with the requirements under <i>Protection of the Environment Operations (Waste) Regulation 2005</i> and any guidelines or requirements issued by the DECC in relation to those materials.	Y	Asbestos waste managed by a licensed contractor (subcontracted to Leighton). Licensed contractor's report to LCPL sighted.
2.48	The Proponent shall implement all of the relevant actions for the site recommended in the <i>Management Plan for the Green and Golden Bell Frog Key Population at Greenacre</i> (DECC, May 2007)...These actions shall be incorporated within both the Construction Environmental Management Plan (refer to condition 6.2)... and periodically reporting outcomes to the DECC at a frequency agreed with the DECC.	Y	Relevant actions included in Stage 2 CEMP and Flora and Fauna Management sub plan however none of the early works at the time of the audit were occurring within the relevant frog protection area.
2.49	All demolition work shall be carried out in accordance with <i>AS 2601-2001 The Demolition of Structures</i> .	NA	No demolition works occurring at time of site inspection
2.50	The Proponent shall store and handle all dangerous goods ... strictly in accordance with: a) all relevant Australian Standards; b) a minimum bund volume requirement of 110% of the volume of the largest single stored volume within the bund; and	Y	Flammable liquids and dangerous good observed to be stored within bunded areas and covered with water proof material to prevent bunds from being reduced in storage capacity.

CoA	Summary of requirement	Compliance status Y/N	Evidence of implementation
	c) the DECC's Environment Protection Manual Technical Bulletin <i>Bunding and Spill Management</i> ...		
2.52	Prior to the commencement of operation of the project, the Proponent shall develop in consultation with Strathfield Municipal Council and Bankstown City Council, a Community Enhancement Program to fund...	Y	Strathfield Council letter of 13 November 2008 in relation to community infrastructure program was sighted indicating that implementation of this condition has commenced
3.1	From the commencement of site preparation and construction works... the Proponent shall continuously monitor, utilising the meteorological monitoring station referred to under condition 2.20 of this approval, each of the parameters listed in Table 4 .	Y	Access to online indicated all required parameters being actively monitored and regularly updated at the meteorological station
3.2	The Proponent shall, from the commencement of soil disturbing works on the site until all large exposed areas have either been landscaped or sealed, continuously monitor ambient dust concentrations (PM10) at two of the most-affected residential receptor(s) to the site (with monitoring undertaken either on the boundary of the site or within the affected residential areas) employing the sampling and analysis methods specified under AM-18 or AS3580.9.8 or as otherwise agreed by the DG. Results of dust monitoring shall be recorded..and shall be utilised for the purpose of site preparation and construction dust management...	Y	Online access to the two ambient dust monitoring stations indicated dust concentrations are being actively monitored and recorded. Observation: The reports indicate that the DustTrak instrument used at the northwest of the site was subject to technical faults that caused some data losses. It is recommended that this situation be evaluated to determine if the frequency and duration of these faults are within normal operational limits for such equipment.
4.1	The Proponent shall develop and implement a Compliance Tracking Program to track compliance with the requirements of this approval...	Y	Compliance Tracking Program (August 2008) available on website. 2009 Independent Environmental Compliance Audit (December 2009) available on website.
5.1	Subject to confidentiality, the Proponent shall make all documents required under this approval available for public inspection on request.	Y	Most documentation available on website and Project Contacts section provides contact details for additional information
5.2	Prior to the commencement of construction of the project, the Proponent shall ensure that the following are available for community complaints and enquiries for the life of the project (including construction and operation.... The telephone number, the postal address and the email address shall be displayed on a sign near the entrance to the site, in a position that is clearly visible to the public, and which clearly indicates the purposes of the sign. This information is also to be provided on the Proponent's website.	Y	Contact details are displayed on signs at site and available on website including telephone, email and postal address and query form.
5.3	The Proponent shall record details of all complaints received through the means listed under condition 5.2 of this approval in an up-to-date Complaints Register. The Register shall record, but not necessarily be limited to...	Y	Complaint register sighted and contains necessary details.

CoA	Summary of requirement	Compliance status Y/N	Evidence of implementation
5.4	<p>The Proponent shall establish and maintain a new website, or dedicated pages within its existing website for the provision of electronic information associated with the project. The Proponent shall publish and maintain up-to-date information on this website or dedicated pages including, but not necessarily limited to...</p> <p>d) the outcomes of compliance tracking in accordance with condition 4.1 of this approval.</p>	Y	<p>Website established and populated with necessary documentation and approvals. Compliance Tracking Program (August 2008) available on website.</p> <p>2009 Independent Environmental Compliance Audit (December 2009) available on website.</p>
6.2	<p>Prior to the commencement of site preparation works or construction of the project, the Proponent shall prepare and submit for the approval of the Director-General a Construction Environmental Management Plan to detail an environmental management framework, practices and procedures to be followed during site preparation and construction of the project. The Plan shall be prepared in accordance with <i>Guideline for the Preparation of Environmental Management Plans</i> (DIPNR 2004) and shall include, but not necessarily be limited to....</p> <p>The Construction Environmental Plan shall be made available for inspection by the public upon request following its approval by the Director-General.</p>	Y	<p>Four CEMPs have been approved by the Director-General to date (Stage 1A, 1B, 1C and 2) with all available on the ILC website. The Stage 2 CEMP prepared by LCPL for the early works was approved on 6 October 2010.</p>
6.3	<p>As part of the Construction Environmental Management Plan for the project, required under condition 6.2 of this approval, the Proponent shall prepare and implement the following Management Plans:</p> <p>a) Construction Noise Management Plan b) Construction Traffic Protocol c) Heritage Interpretation Plan & Strategy d) Landscape & Ecological Area Management Plan e) Construction Dust Management Protocol....</p>	Y	<p>The implementation of the sub plans of the Stage 2 CEMP on the early works was evaluated during the site inspection on 2 December 2010. Evidence of implementation included:</p> <ul style="list-style-type: none"> • Appendix D of CEMP (Environmental Checklist completed on 29 Oct, 5 Nov & 17 Nov • Weekly workplace inspection report sighted for 16 Nov & 1 Dec • Approved ESCPs Nos 003, 004, 006 & 007 sighted and 006 observed to be implemented in the field • Site environmental induction presentation sighted and induction records for personnel dated 11 & 15 Oct sighted • Noise Record Sheet (Appendix A of noise sub plan) completed for possession weekend on 7 Nov & evidence of compliance with noise objectives at 43 Blanche Street sighted • Unexpected Find Record completed for asbestos found at Stockpile 3 on 25 Nov <p>Observation: LCPL's Environmental Essentials Training yet to be rolled out on site as required by the Stage 2 CEMP for leadership and influencing positions including site</p>

CoA	Summary of requirement	Compliance status Y/N	Evidence of implementation
7.1	<p>The Proponent shall notify the Director-General of any incident with actual or potential significant off-Site impacts on people or the biophysical environment as soon as practicable after the occurrence of the incident. The Proponent shall provide written details of the incident to the Director-General within seven days of the date on which the incident occurred.</p>	Y	<p>engineers, supervisors and construction managers</p> <ul style="list-style-type: none"> No incident of this nature has yet occurred. LCPL Incident Report of 30 Nov regarding minor oil leak from grader reported to SP in monthly report and LCPL's corporate incident reporting system (Cintellate) SP Incident Register last updated 31 Aug 2010 so does not include details of above incident <p>Observation: Consider amending 'impact' column in SP Incident Register to include assessment of whether actual or potential significant off-site impacts on people or biophysical environment have occurred and link to DG notification requirement.</p>
7.2	<p>The Proponent shall maintain a register of accidents, incidents and potential incidents with actual or potential significant off-Site impacts on people or the biophysical environment. The register shall be made available for inspection at any time by the independent qualified person or team conducting the Environmental Audit and/or the Director-General.</p>	Y	<p>SP Incident Register available but does not include specific reference to whether incidents had potential to cause significant off-site impact (see observation above).</p>
7.3	<p>The Proponent shall meet the requirements of the Director-General to address the cause or impact of any incident, as it relates to this approval, reported in accordance with condition 7.1 of this consent, within such period as the Director-General may agree.</p>	NA	<p>No such incidents have been reported to the DG to date.</p>

SoC	Summary of requirement	Compliance status Y/N	Evidence of implementation
Minimise impacts of ILC on surrounding amenity	<p>CEMP to include (other than those plans required under CoA 6.3):</p> <ul style="list-style-type: none"> • Works on RailCorp land • Soils & contamination • Hydrology & water quality • Waste management (see SoC below) • Energy & water (see SoC below) • Consultation (see SoC below) 	Y	All required elements included in LCPL Stage 2 CEMP or as sub plans to CEMP
Minimise dust emissions during construction	<p>Dust Management Plan to include:</p> <ul style="list-style-type: none"> • Construction of wind breaks • Minimise area of exposed land 	Y	As per above
No increased sedimentation of nearby waterways	Prepare Soil & Water Management Plan consistent with Blue Book	Y	Blue Book referenced in sub plan & ECSP implemented on site (see MCoA 6.3)
Minimise visual impacts during construction	Landscaping and noise mounds installed during early stages of construction to screen site appropriate for location and type of activities being carried out. Mounds to be revegetated as soon as possible during construction	Y	See response to MCoA 2.14
Minimise waste generated and maximise re-use and recycling. Waste disposal to be undertaken when re-use and recycle is not possible	A Waste Management Plan (WMP) would be prepared and implemented. This would include...	Y	Waste management sub plan included in LCPL CEMP
Manage energy usage and water consumption	Energy and Water Management Strategies will be developed as part of CEMP. Suitable measures would be identified and implemented during the construction phase. Energy management measures could include...	Y	Practical guidance on these measures are included in site induction and included as sub plan to Stage 2 CEMP
Consultation with community and relevant agencies.	A Consultation Plan would be prepared and implemented. This will include....	Y	Dec 2009 Community Consultation Plan for main construction sighted.

APPENDIX B: 2009 AUDIT FINDINGS

2009 AUDIT FINDINGS

No	Item	Non compliance (N) Opportunity for Improvement (O)	Action Item	Proposed Action	Who By	When	Action taken & status
1	CoA 2.12	N	The Terms of Reference (ToR) for the Road Transport Coordination Group (RTCG) require it to meet bi-monthly however the records indicate that the Group has not met since August 2008.	Sydney Ports will recommend to the RTCG that the RTCG amend the ToR to change the frequency of meetings from bi-monthly to "on an as needs basis."	RTCG	Next RTCG meeting	ToR modified at Feb 2010 meeting of RTCG to requiring quarterly meetings CLOSED
2	CoA 2.49	O	Demolition work is required to be carried out in accordance with AS 2601-2001, however Pacific National's CEMP for Stage 1C (Demolition Works) and Induction Booklet do not refer to AS 2601-2001. Documentation should provide evidence of the application of relevant Standards	No action proposed in respect of PN's works, as the works have been completed. Sydney Ports will ensure that any future CEMPs involving demolition will refer to AS 2601-2001.	N/A EPM	At the time of preparing future CEMPs	Current Stage 2 Early works do not include any demolition CLOSED
3	CoA 6.2	O	The Risk Assessment impact categories for the Stage 1A CEMP refer to mining operations rather than the type of development being carried out at the ILC site.	Sydney Ports will ensure that future CEMPs include Risk Assessment impact categories relevant to the works.	EPM	At the time of preparing future CEMPs	Implemented in Aspects/Impacts Register (Appendix C) of Stage 2 CEMP CLOSED
4	SoC No increased sedimentation of nearby waterways	O	Soil & Water Management Plans were sighted in CEMPs 1A, 1B & 1C but design details for typical sediment and erosion control measures referred to in the Blue Book were not provided in the SWMMPs.	Sydney Ports will ensure that contractors include design details of typical sediment and erosion controls referred to in the Blue Book in SWMP documentation.	EPM	At the time of preparing future CEMPs	ESCPs sighted on site inspection include relevant design details of typical sediment/erosion control structures and devices CLOSED

