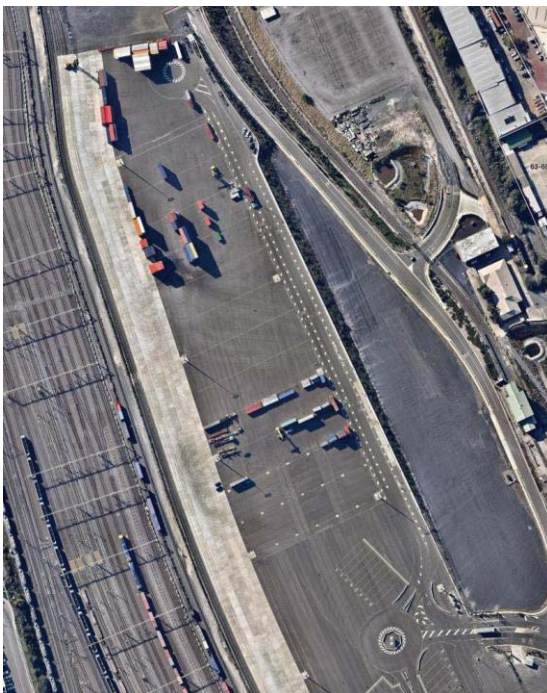


**INDEPENDENT ENVIRONMENTAL
COMPLIANCE AUDIT
INTERMODAL LOGISTICS CENTRE –
ENFIELD, NSW**



DECEMBER 2015

CONTENTS

EXECUTIVE SUMMARY	3
1.0 AUDIT DETAILS	4
1.1 Purpose	4
1.2 Background	4
1.3 Audit Objectives, Criteria & Scope.....	5
1.4 Auditor, Process & Methodology.....	5
1.5 Auditees and Participation	5
2.0 SUMMARY OF AUDIT FINDINGS	6
2.1 General	6
2.2 Non-Compliance.....	6
2.3 Opportunities for Improvement.....	6
2.4 Previous audit findings	7
APPENDIX 1: Previous Audit Findings / Actions	8
APPENDIX 2: Audit Checklist / Findings	11

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EXECUTIVE SUMMARY

An Independent Environmental Audit was conducted of the Enfield Intermodal Logistics Centre (ILC) to assess compliance with approved Environmental Management Plans and Compliance Program implementation required under Planning Conditions of Approval (CoAs). The audit assessed implementation of NSW Ports and single (minor) on-site tenant's Operational Environmental Management Plans (OEMPs), the NSW Ports Compliance Program and applicable components of Construction Environmental Management Plans.

Key tenant, Hutchison Logistics Australia had relinquished their interest in the ILC resulting in reduced operational activity, and there were no train movements as yet. Related construction works around the building of new tenant warehousing had also not progressed as intended. Construction and/or works included removal of redundant rail line, construction of a maintenance access, capping of Mount Enfield (including community access track) and sewer overflow realignment of an existing sewer passing under the southern end of the site.

Despite the relatively low activity above, systems of control required by NSW Ports (NSWP), Pitkin Transport and (prior) temporary contractor / tenant Management Plans were evidenced, these appearing appropriate to the lower risk activities. There had been no reportable significant incidents over the period, and only two noise complaints, both appearing to be attributed to activities by other parties. Landscaping and related site / grounds maintenance continued, this also involving the Frog Habitat Area. Components of Mount Enfield had been seeded with native species and growth of small shrubs and trees around the industrial precinct of the site looked promising. Although not yet open to the public as yet, the access path to the lookout had been completed (see right hand aerial photograph on cover page).

Whilst a number of Planning Approval conditions were not relevant until the ILC was fully operational or had reached planned logistical/vehicle movements, the Compliance Tracking Program continued, there being no non-compliances noted in the April 2015 Annual Compliance Tracking Report submitted to NSW Planning & Environment.

Six (6) Improvement Requests were raised as a result of this audit, predominantly around the absence of formal records reflecting tenant and contractor environmental risk assessments, plus inspections of operations and works respectively.

In conclusion, the audit verified that all Improvement Requests raised in the 2014 Independent Environmental Audit had been addressed, with improved maintenance systems and maturing management systems also noted. Additionally, management and staff commitment continued, which was commendable given challenges around securing an anchor tenant to facilitate operational efficiencies.

1.0 AUDIT DETAILS

1.1 Purpose

An independent environmental audit was conducted to confirm environmental compliance with the Department of Planning and Environment (DP&E) Conditions of Approval (CoA) for the Intermodal Logistics Centre (ILC) at Enfield.

CoA 4.1 required Sydney Ports Corporation (now privatised NSW Ports) to develop and implement a Compliance Tracking Program to track and report on compliance with all CoA's. In particular, 4.1 c) requires a program of independent environmental auditing, at least annually unless otherwise directed, with outcomes of compliance tracking to be made available on a public website per 5.4 d).

1.2 Background

Sydney Ports Corporation (SPC) was the original Proponent for the Intermodal Logistics Centre (ILC) at Enfield. In 2013, the New South Wales government privatised related infrastructure, with NSW Ports assuming this responsibility.

Project Approval (the Approval) for the ILC Project was issued by the NSW Minister for Planning on 5 September 2007. Several Modifications to the Approval conditions were made by the Minister between October 2008 and November 2013, the last being Modification 8. The Enfield ILC (project) 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 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. Whilst development was being progressed for and/or by the tenants, the ILC had substantially completed operational components including:

- An Intermodal Terminal or IMT for the loading and unloading of containers between road and rail and short term storage of containers;
- Pre-works for a Light Industrial and Commercial (LIC) area;
- A second access point on Cosgrove Road, restricted to north inbound and outbound traffic.

According to the approved Staging Report, planned minor and ongoing works to be undertaken by NSW Ports and tenants would still include:

- Erection of warehousing for the packing and unpacking of containers and short-term storage of cargo;
- Development of the LIC area complementary to operations at the ILC, this area interfacing with existing adjacent users along Cosgrove Road;
- Completion of the Southern Ecological Area in the southern precinct for ecological enhancement and community opportunities.

1.3 Audit Objectives, Criteria & Scope

The audit objective was to assess compliance with:

- Environmental mitigation measures stated in Construction Environmental Management Plans (CEMP's) used for minor works;
- Environmental management protocols and controls stated in the Operational Environmental Management Plan (OEMP) for the ILC;
- Relevant Project Approval conditions and statement of commitments contained in the NSW Planning Approval of 5 September 2007 and subsequent Section 75 Modification Applications 1 to 8.

The scope of the audit was limited to implementation of obligations, commitments and environmental practices either at the time of the audit or in the preceding period. Closed construction and/or upcoming operational related CoA's were not considered. Also, asbestos management was not assessed in detail, given the engagement of an independent Site Auditor accredited under the Contaminated Land Management Act to advise and certify remediation and land end-use classification.

1.4 Auditor, Process & Methodology

The on-site audit was conducted by Larry Weiss, of QEM Consulting Pty Ltd on 3rd December 2015, comprising a brief site inspection and verification of a sample of Planning Obligations and selected EMP requirements. Larry Weiss is an Exemplar Global accredited EMS auditor (Certificate No 12355) and a Member of Engineers Australia (938517). He specialises in a range of audits including certification, surveillance, compliance, voluntary and independent, the latter on behalf of Infrastructure Proponents including Transport for NSW, WestLink M7 and Sydney Water.

The audit assessed NSW Ports, including a brief interview with a small-business tenant operating at the time viz. Pitkin Transport.

The audit assessed a sample of applicable management systems, controls, mitigation measures and compliance verification systems as defined in the EMP's and related documentation. The audit was undertaken in accordance with ISO 19011:2011 – Guidelines for Auditing Management Systems.

1.5 Auditees and Participation

The following persons were interviewed during the audit:

Name	Organisation	Position
Matthew Fahey	NSW Ports	Site Development Manager
Alison Wedgwood	NSW Ports	Environment & Sustainability Co-ordinator
Ian Henderson	NSW Ports	Site Co-ordinator
Lynley Weaver	NSW Ports	Projects Administrator
Paul Sweeney	Pitkin	Director

2.0 SUMMARY OF AUDIT FINDINGS

2.1 General

Findings requiring action are summarised below, with NSW Ports' actions in response to these findings to be assessed at the next Independent Environmental Audit.

The Audit Checklist / Verification Tables provided in the Appendices provide details of evidence assessed or provided in support of compliance.

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

In this report, "Non-compliance" indicates that the criteria (condition, commitment or Management Plan obligation) have not been consistently and substantially satisfied on the basis of the evidence available.

Where an observation made during the audit could lead to an improvement in management processes or potential non-compliance if not attended to in a timely manner, this has been classified as an "Opportunity for Improvement".

A "Compliant" status indicates satisfaction with defined criteria either definitively or predominantly, the latter allowing scope for moment in time lapses which have been or can be rectified in a reasonable timeframe to minimise actual or potential risk. Findings on Compliance are detailed in the Appendices.

2.2 Non-Compliance

No actual or potential non-compliances were identified during this audit, neither were there any recorded in the NSW Compliance Tracking Program for the last reporting period.

2.3 Opportunities for Improvement

Audit Findings presenting opportunities for improvement are summarised below:

Review of Tenant OEMPs

NSW Ports OEMP section 3.1 requires NSW Ports to review tenant OEMPs to ensure environmental risks are considered and appropriately addressed.

- Pitkin Transport OEMP very "narrowly" defined weekly and Saturday operating hours and truck movements, indicating operations on Sundays were unlikely. This is in contrast to the near 24/7 operation in place.

(It was noted that the Project Planning approval does allow a 24/7 operation, so this was an error in specification and review, not compliance).

Environmental control and monitoring

NSW Ports CEMP section 3.2 requires the development of Environmental Work Method Statements (EWMSs) to identify controls required for construction activities. Correspondingly, CEMP section 2.8 requires the use of Site Inspection Checklists to demonstrate that identified controls and mitigation measures have indeed been used. And lastly, OEMP 2.2 requires tenants to maintain records of their onsite inspection records and make these available to NSW Ports at any time.

- Systems did not always ensure that Safe Work Method Statements submitted by construction or work contractors reflected environmental hazards and controls, in the absence of dedicated EWMSs.
- The process to verify environmental controls and mitigation measures by construction or work contractors should be implemented as defined, or reviewed, as Site Inspections were not always recorded as intended.
- The process for periodically verifying that tenant inspection records were being maintained should be enhanced, as records were not always available as required.

Induction material and process

NSW Ports OEMP section 2.5.2 states that inductions typically include key issues, including nearest sensitive receivers amongst other topics.

- Induction material used was predominantly safety focused, and additionally did not specifically highlight noise impacts, despite being a key community concern for the operational phase of the infrastructure project.
- The Induction assessment questionnaire used to test comprehension and understanding of important aspects of the site and surrounding community was entirely safety focused, and did not assess any environment/community aspects and impacts, including noise management.

2.4 Previous audit findings

Actions to previous Audit Findings (all Opportunities for Improvement) were verified as being satisfactory progressed and were deemed by the Auditor and Author of this Independent Environment Audit Report to be closed, subject to ongoing implementation in the case of routine operations of the site. Refer to Appendix 1 for further details.

Report Prepared By:



Larry Weiss

Date: December 2015

APPENDIX 1: Previous Audit Findings / Actions

ITEM	REFERENCE	AUDIT FINDING	VERIFICATION OF ACTION IMPLEMENTATION	COMPLIANCE STATUS
1.	2014 IEA Report	<p><u>Green and Golden Bell Frog (GGBF) awareness training</u> <i>The NSW Ports OEMP at 2.5.2 requires Maintenance personnel undertaking work within the Frog Habitat Creation Area to be trained by the Consulting Herpetologist.</i></p> <p>➤ Systems in place do not verify that all personnel are indeed <u>trained</u>, and whilst inductions are provided, the OEMP or related procedures should clarify if supervisor training alone is adequate and what records should be available to demonstrate GGBF awareness plus systems of control to prevent maintenance personnel working in the precinct without supervision or training.</p>	<p>Training Register and associated Training records and Toolbox talks were available to demonstrate compliance with OEMP requirements.</p> <p>Records sighted included training by the NSWWP Consulting Herpetologist of the Dragonfly (frog habitat area maintenance provider) supervisor and crew on 22/12/2014. Also, Toolbox talk records of the 17/9//15 and 2/10/15.</p>	CLOSED

ITEM	REFERENCE	AUDIT FINDING	VERIFICATION OF ACTION IMPLEMENTATION	COMPLIANCE STATUS
2.	2014 IEA Report	<p><u>Site monitoring and inspections</u> <i>The NSW Ports OEMP at 2.5 Compliance Auditing requires internal site inspections of the ILC site, and 3.3 Environmental Aspects & Sub-Plans defines monitoring requirements for aspects such as Heritage (maintenance inspections), Fauna & Flora (visual inspection for weeds and pests) and Waste (litter inspections of common areas). Also, the frequency of these required maintenance inspections or activities was embedded in the annexes of the lengthy OEMP document, with limited visibility to ensure consistent implementation.</i></p> <ul style="list-style-type: none"> ➤ There were no system or program in place ensure that planned NSW Ports monitoring (maintenance and housekeeping inspections) were undertaken at defined frequencies; ➤ Formal records of preventive maintenance or housekeeping inspections should be maintained to demonstrate conformance; ➤ It is suggested that routine maintenance activities by contract service providers or specialists be undertaken based on risk to ensure compliance with Sub-Plan controls and mitigation measures. 	<p>A Summary of Environmental Monitoring & Inspection Requirements had been developed to “map” Sub-Plan requirements to a single source. In turn this document had been used to develop Inspection checklists and update the new Maintenance Database, MEX, with scheduled maintenance tasks.</p> <p>A suite of inspection checklist had been developed in support of routine maintenance inspections i.e.</p> <ul style="list-style-type: none"> ➤ General Inspection Report, covering items such as drains, weeds, heritage, litter & erosion; ➤ Landscape Inspection Report, covering detention basins et al; ➤ Landscape Inspection Report (after significant rainfall event), covering silt fences, spillways, eco blanket etc. <p>These forms included action prompts, and completed records sighted had good photographic evidence of conformance and, if required, issues for attention / rectification.</p>	CLOSED

ITEM	REFERENCE	AUDIT FINDING	VERIFICATION OF ACTION IMPLEMENTATION	COMPLIANCE STATUS
3.	2014 IEA Report	<p><u>Corrective maintenance</u> <i>A number of housekeeping or maintenance issues observed during this independent audit appeared to indicate that corrective maintenance to rectify identified breakdowns, damage and compromised ILC assets, infrastructure or environmental controls was not entirely effective and/or timely.</i></p> <ul style="list-style-type: none"> ➤ There were no system in place to raise Corrective Maintenance Requests to ensure that required rectification was prioritised and indeed undertaken; ➤ Formal records of corrective maintenance undertaken should be maintained to demonstrate conformance; ➤ It is requested that records of identified issues noted in the Appendix to this report be retained to demonstrate timely corrective action. <p><i>Corrective Action systems should be utilised to investigate root causes of the above-mentioned as well as documenting required actions and timeframes to completion. The next Independent Environmental Audit should assess the effectiveness and timeliness of these actions</i></p>	<p>Sighted records including photographs of issues identified in the 2014 IEA Report being addressed. The site inspection component of this audit, also sighted a permanent solution to a prior wash-out, this being routinely checked using checklist in 1) above.</p> <p>Routine Inspection Reports now prompted triggers for rectification of identified issues addressed e.g. Tarp Shed water ponding issue post-rain event, covered as MEX Work Water 8750 of September 2015, with Purchase Order 486 raised for a service provider to attend to.</p>	CLOSED

APPENDIX 2: Audit Checklist / Findings

ITEM	REFERENCE	VERIFICATION / REQUIREMENT	EVIDENCE OF IMPLEMENTATION	COMPLIANCE STATUS
NSW PORTS requirements				
PLANNING OBLIGATIONS (Construction & Operational)				
1.	1.2	In the event of an inconsistency between: a) the conditions of this approval and any document listed from condition 1.1a) to 1.1o) inclusive, the conditions of this approval shall prevail to the extent of the inconsistency; and b) any of the documents listed from condition 1.1a) to 1.1o) inclusive, the most recent document shall prevail to the extent of the inconsistency	No inconsistencies noted according to <u>NSWP Compliance Tracking Report #7 for the period ending May 2015 and Auditee response during this audit.</u>	C
2.	1.6 – 1.9	Warehouse Limitations: Warehousing and Distribution - Dangerous Goods & Warehouse Design <i>(Text omitted for brevity purposes)</i>	No warehouses have been developed as yet. Sighted NSWP Design Brief dated 10/7/15 for warehouse to be constructed for Swift, this included specification of footprint and height per Planning Approvals.	C
3.	2.6	Parking. The Proponent shall investigate, in consultation with Strathfield Municipal Council, opportunities to install 4-hour parking restrictions along the full length of Wentworth Avenue to discourage the parking of trailers on the approach to the site. Should such measures be found to be feasible and agreed by Council, the Proponent shall arrange to have parking restrictions in place prior to the commencement of operation of the project.	No change since previous audit. (Transport Committee agreed to defer until commencement of more substantial operations).	C

4.	2.13	<p>Control of Plant and Equipment Noise Emissions. 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 occupational health and safety requirements).</p>	<p>Records demonstrated that NSWP had actively addressed tonal reverse beeper issues when these were identified for ACFS and Pitkin Transport tenants through NSWP site surveillance. It was noted that tenant requirements and inductions did indeed specify the need for compliant mufflers.</p> <p>There had been 2 recorded complaints on 22/5/15 and 9/6/15 pertaining to train and beeper noise, but these were investigated and deemed to be unrelated to ILC operations.</p>	C
5.	2.28	<p>Pollution of waters. Except as may be expressively provided under an Environment Protection Licence applicable to the project, the Proponent shall comply with section 120 of the Protection of the Environment Operations Act 1997 which prohibits the pollution of waters.</p>	<p>Compliant noted according to <u>NSWP Compliance Tracking Report #7 for the period ending May 2015</u> and Auditee response during <u>this</u> audit.</p>	C
6.	SoC 26	<p>Manage Water Quality Runoff to Waterways Water quality management devices on site will be monitored and maintained at regular intervals to ensure they are functioning as expected.</p>	<p>Addressed by Maintenance Managers Inspection Reports (Checklists) covered in Previous Audit Findings Appendix 1 earlier in <u>this</u> report.</p>	C
7.	2.43	<p>Contamination Certification 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 Director-General a Site Audit Statement(s), prepared by an accredited Site Auditor under the Contaminated Land Management Act 1997, 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..</p>	<p>Section 1.5.8 of the NSWP Compliance Tracking Report #7 for the period ending May 2015 entitled "Remediation, Validation and Site Auditor Documentation" indicated that SASs and Site Management Plans were being progressively completed prior to operations occurring within the relevant areas. Table 2 presented a summary status of contamination lots, with Frog Ponds awaiting completion, and other lots within the southern precinct being work-in-progress and subject to investigations.</p> <p>The NSWP website accessible by the public reflected SASs completed to date.</p>	C

8.	CoA 4.1	<p>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 Director-General prior to operation of the remediated site(s).</p> <p>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:</p> <ul style="list-style-type: none"> a) provisions for periodic review of the compliance status of the project approvals; b) provisions for periodic reporting of compliance status to the Director-General; c) a program for independent environmental auditing at least annually...and d) mechanisms for rectifying any non-compliance identified during environmental auditing or review of compliance". 	<p>The Compliance Tracking Program (August 2008) continued to define established process and components such as annual reports and annual independent audits (this audit) per CoA 4.1c.</p> <p>In support hereof a Compliance Tracking Register (Spreadsheet) was being used to routinely track compliance with Conditions of Approvals and Statement of Commitments.</p> <p>NSWP Compliance Tracking Report #7 for the period ending May 2015 was available - this was submitted to NSW Planning & Environment, with receipt thereof acknowledged on 8/7/15.</p>	C
9.	CoA 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 copies of documents referred to under condition 1.1 of this approval, copies of strategy, plan, program and audit required under this approval; and outcomes of compliance tracking in accordance with condition 4.1 of this approval.</p>	<p>A dedicated page for the provision of electronic information & documents required by this condition for the ILC at Enfield project continued to be provided at: http://www.nswportsbotany.com.au/projects-and-planning/ilc-at-enfield/</p>	C

10.	6.1	Prior to the commencement of operation of the project, the Proponent shall nominate a suitably qualified and experienced Environmental Representative(s) for the approval of the Director-General.	NSW Planning & Environment approval of 24/2/15 noted the NSWEP Environment Manager and Environment & Sustainability Coordinator as ER's, the 2 incumbents intended as backup for each other in time of absence.	C
11.	6.2	Prior to commencement of site preparation or construction works, 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.	No major works in the last period justifying the generation or use of a new CEMP. (The last audit sighted an approved CEMP used by prior main tenant HLA).	C
12.	6.4	Prior to commencement of operations, the Proponent shall prepare and submit for the approval of the Director-General an Operation Environmental Management Plan (OEMP) to detail an environmental management framework, practices and procedures to be followed during the operation of the project	NSWEP Overarching OEMP revision 3 dated 7/11/14 approved by DP&E on 2/12/14 was unchanged since the last independent audit. NSWEP Compliance Tracking Report #7 for the period ending <u>May 2015</u> stated that as agreed with Planning & Environment, NSWEP would review all tenant OEMP's for consistency. This had been undertaken for the ACFS OEMP prior to their operations commencing. It was noted that ACFS had also vacated the ILC.	C

RISK IDENTIFICATION & MITIGATION				
13.	3.1 Appendix F	<p>Environmental Risk Assessment Are Environmental Aspects & Impacts identified in Appendix F appropriate to current works and operations and known to supervisory personnel?</p>	<p>Appendix F Environmental Aspects & Impacts appeared appropriate, as evidenced by NSWP Inspection Records and the brief inspection conducted during this audit. It was also noted that Access Pipelines Services Hazard Identification & Risk Assessment and Pitkin Transport's OEMP had identified such risks, including that of tonal reversing beepers.</p>	C
14.		<p>Subcontractor engagement Do C & OEMPs define or reference the process used to select subcontractors based on their environmental credentials and performance?</p>	<p>NSWP tender process sighted for Area W Civil works required Schedule of Environmental Management Information and Assessment Criteria included Environment Management.</p>	C
15.	OEMP 2.2	<p>Tenant Management Have tenants submitted OEMP's as required?</p>	<p>Tenant OEMP's had been submitted by current tenant (Pitkin) and previous tenant (ACFS), these consistent with the NSWP Overarching OEMP.</p>	C
16.		<p>Have related tenant inspection checklists being provided, and verified as implemented?</p>	<p>There was a weakness in the process of NSW Ports periodically verifying that records of inspections completed by tenants were being maintained.</p>	Refer Item 44 further
17.	CEMP 3.2	<p>Environmental Work Method Statement (EWMS) Have EWMS's been developed and used for prior and/or current works?</p>	<p>Some EWMSs had been developed to reflect environmental risks e.g. SWMS 010 submitted by Waratah Environmental Services for their routine grounds maintenance work. Likewise, Access Pipeline Services had submitted an Environment Planning / Control checklist for their sewer relocation works.</p>	C
18.			<p>It was noted that the Work Method Statement submitted by Christie Civils for the Mount Enfield walkway works was predominantly a <u>Safe Work Method Statement</u>, with no environmental hazards and controls identified.</p>	OFI

OPERATIONS & MAINTENANCE				
19.	CEMP 2.3 OEMP 3.2	<p>Environment Sensitive Area Map Is the SAM current, available for current works and operations?</p> <p>How is this communicated to personnel and contractors?</p>	<p>SAM remained current for use</p> <p>SAM communicated to contractors and tenants through contractual documentation including leasing documents. Sighted as appended to tenant OEMPs covered earlier in <u>this</u> report.</p>	C
20.		<p>Environment Sub plans Are Appended Sub Plans and/or Protocols contained within 3.3 applicable and used?</p>	<p>Not assessed per se, appeared to be addressed by NSWMP maintenance and/or construction inspections.</p>	Not assessed
21.	CEMP 3.3	<p>Are current works being controlled through mitigation measures specified in the EWMS's?</p>	<p>As above. No current works at the time of <u>this</u> audit.</p>	As above
22.		<p>Are current works, operational and maintenance activities being controlled through mitigation measures specified in the NSW Ports Risk assessment?</p>	<p>Generally yes, as assessed and indicated in <u>this</u> report</p>	C
23.		<p>Stormwater Detention Basins Are basins operated and maintained in accordance with OEMP / LEAMP?</p>	<p>Appeared to be maintained and operated as required, based on inspections and other observations covered throughout <u>this</u> report. Weed growth was mentioned as being addressed and rectified.</p>	C
24.	CoA 2.31	<p>Contamination Site Management Plan How are conditions required by Site Audit Statements implemented for construction activities in areas such as the Southern Precinct?</p>	<p>Addressed by CEMPs, although no major works in the last year. Correspondence from Coffeys had advised a management plan to monitor the temporary chip seal arrangement, thereby extending this by 12 months, until such time that Area 5 and others are further developed for intended tenant use.</p>	C
25.				Noted

26.	CEMP 2.11	Incident Management. Are construction related incidents formally recorded on an Incident Report or equivalent?	Incident Register maintained, did not indicate any construction related incidents.	C
27.	OEMP 2.7	Incident Management. Are operation incidents formally recorded on an Incident Report or equivalent?	Incident Register indicated 4 operational issues or incidents for the period, the most recent of 30/11/15 being a small hydrocarbon spill by ACFS onto a sealed surface. This was contained and actioned using spill absorbent material.	C
28.	CoA 7.1	As applicable, are incidents reported to Stakeholders including, EPA, Planning and Council?	Not required, all being minor in nature. Noted comprehensive Incident Management training delivered to all staff.	C
MANAGEMENT & ADMINISTRATION				
29.	OEMP 2.3	Are human resources provided e.g.: ➤ Site Manager ➤ Site Co-ordinator ➤ Environment & Sustainability Co-ordinator	The Site Manager and Co-ordinator are both directly responsible for day-to-day site operations and continued to be provided. The Corporate Environment & Sustainability Co-ordinator actively supports site.	C
30.	CEMP 2.10	Training, Awareness & Competence Are construction related records available for: ➤ Project / Site Inductions ➤ Toolbox talks ➤ Pre-start meetings?	Works in the last period were relatively minor in nature, with OEMP-specified site inductions sufficing. Toolbox talks were given to Dragonfly as indicated in Previous Audit Findings Appendix 1 earlier in <u>this</u> report.	C

31.	OEMP 2.5.2	<p>Do Site inductions typically include:</p> <ul style="list-style-type: none"> ➤ Key issues relating to the Enfield ILC Project and existing environment; ➤ ILC Sensitive Area Map (Appendix D) ➤ Location and protection of contaminated material retained on site including capped areas and containment cells ➤ Key environmental issues, location of sensitive areas and nearest sensitive receivers; ➤ Incident reporting procedures; ➤ Environmental protection offences and penalties, and duty to notify of environmental harm; and ➤ Roles and responsibilities relating to environmental management for the Project? 	<p>2015 Site Induction Register reflected inductions undertaken e.g. Christie Civils on 28/4/15 and Access Pipeline Services on 6/5/15.</p> <p>The induction material used mainly included safety, but did address some environmental content e.g. fauna and flora, environmental penalties etc.</p> <p>The induction session concluded with a knowledge assessment comprising the series of questions and answers.</p>	C
32.			<p>Environmental content an induction presentation material was very safety-centric and did not address actual and potential environment and community impacts, including noise.</p>	OFI
33.			<p>The assessment quiz conducted at the culmination of NSWSP site inductions was entirely focused on safety and did not assess environmental knowledge whatsoever.</p>	OFI
34.	OEMP 2.5.2	<p>Training, Awareness & Competence Are personnel undertaking maintenance activities within the defined Green and Golden Bell Frog Habitat Creation Area will be appropriately trained by NSW Ports Consulting Herpetologist?</p>	<p>Refer Previous Audit Findings Appendix 1 earlier in <u>this</u> report.</p> <p>NSWP indicated that sewer related works undertaken by Access Pipeline Services was adjacent to, but not in the GGBF Habitat Area, hence no specific training.</p>	C

35.	OEMP 2.8	<p>Information and Consultation Are the following quarterly meetings being held:</p> <ul style="list-style-type: none"> ➤ Road Transport Coordination Group ➤ Enfield ILC Community Liaison Committee 	<p>NSWP website demonstrated regular meetings, the most recent minutes available being:</p> <ul style="list-style-type: none"> ➤ RTCG during May 2015, this group ageing that these would be held on an "as required" basis, given the current level of activities. A meeting had been held on 2/11/15, with minutes still to be ratified and issued ➤ Enfield ILC Community Liaison Committee hearing October 2015 	C
36.		<p>Community consultation & engagement Is there a Communications Plan available to define notification and other arrangements during construction?</p>	<p>NSWP had not seen a need for a Communications Plan during the period, but indicated this may be the case for upcoming warehouse construction.</p>	Noted
37.	CEMP 2.6 OEMP 2.4	Are enquiries, issues and complaints recorded in the Complaints Register for works and operations?	Complaints Register maintained, 2 entries noted as discussed earlier in <u>this</u> report.	C
MONITORING & IMPROVEMENT				
38.	CEMP 2.7	<p>Environmental Monitoring (construction) Has any environmental monitoring or testing taken place for prior all current works, from a Planning obligation, Sub-Plan specification or initiated based on risk? For example :</p> <ul style="list-style-type: none"> ➤ Noise ➤ Waste disposal ➤ Fauna or flora surveys 	Not applicable or appropriate to the minor works conducted in the last period.	Noted
39.	OEMP 3.3	<p>Environmental Monitoring & Inspections (operations) <i>Has monitoring been undertaken as required and as applicable at the current time, this specified in CoA's & Sub-plans, as indicated below:</i></p>	P.T.O.	P.T.O.


40.	OEMP (CoA 2.34)	<p><u>Heritage</u></p> <ul style="list-style-type: none"> ➤ Inspect heritage items and maintain as per the monitoring schedule outlined in the Heritage Interpretation Plan and Strategy including the Pillar Water Tank & Tarpaulin Shed 	<p>Environmental Monitoring & Inspection Requirements Summary indicated infrastructure monitoring programme of 3 and 10 years.</p> <p>Nonetheless, Routine Inspection Reports indicated regular surveillance, with rectification of identified issues addressed e.g. Tarp Shed water ponding issue post-rain event. (MEX Work Water 8750 of September 2015)</p>	C
41.	OEMP (CoA 6.5 a)	<p><u>Noise</u></p> <ul style="list-style-type: none"> ➤ Noise monitoring/auditing at designated points in accordance with approvals (refer to Appendix H) ➤ Investigative monitoring of noise in response to specific complaints. 	<p>Operational activity has not triggered the need for noise monitoring as yet.</p>	C
42.	OEMP (CoA 2.40) (CoA 2.41)	<p><u>Waste</u></p> <ul style="list-style-type: none"> ➤ Waste classification/characterisation testing to meet EPA requirements ➤ Inspection of on-site wastewater treatment and sewerage infrastructure 	<p>Not required in the last period</p> <p>Not required, given the vacant tenancy at these facilities.</p>	C
43.	CEMP 2.8	<p>Inspections (construction)</p> <p>Are routine inspections taking place, at a frequency determined by risk using Site Inspection Checklist templates or equivalent provided in Appendix E?</p> <p>(By contractors and/or NSWP)</p>	<p>Whilst daily engagement and supervision of Access Pipeline Systems had taken place by the NSWP Site Coordinator, no formal Site Inspections using CEMP suggested templates had taken place, with formal records hereof retained.</p>	OFI

		Inspections (operations)		OFI
44.	OEMP 2.2 & 2.5	Are routine inspections by tenants taking place, at a frequency determined by risk? (ILC Tenants will be required to maintain records of their onsite inspection records and make these available to NSW Ports at any time).	Addressed by Pitkin Transport, but ACFs had not maintained records of their completed operational inspection checklists and/or provided these to NSWP in a prompt manner when requested.	
45.	OEMP 2.2 & 2.5	Are Tenant Operational Environmental Compliance Checklist templates provided in Appendix E used by NSWP?	Yes, undertaken as follows: ➢ Pitkin Transport on 15/7/15 ➢ ACFs on 11/8/15	C
46.		Are identified issues rectified within commensurate timeframes?	Generally yes, including spill kit material enhancement, reverse beeper rectification etc.	C
47.	CEMP 2.9	Auditing. Are any CEMP audits conducted, other than the annual Independent Environment Audit?	Not applicable, given vacation of operation by HLA	Noted
48.	OEMP 2.5	Are there records of audits undertaken by main ILC tenants?	Not applicable, given vacation of operation by HLA	Noted
49.	CEMP 2.9 OEMP 2.5.2	Non-conformance, Corrective & Preventive action Is a Non-conformance Register used to formally record and managing non-conformances and corrective / preventive actions	Not needed as yet, issues recorded in the Incident Register covered earlier in <u>this</u> report	Noted
50.		Are results of environmental monitoring programs made available via the NSW Ports website and provided to the Enfield Community Liaison Committee (CLC) as committed to Council in response to their submission on the OEMP?	Not applicable, over the previous period, given reduced operational activity.	Noted

SITE INSPECTION by QEM of implementation of operational / maintenance & construction controls (if any works are taking part at the time)		
51.	<p>Inspection of any construction works to confirm control measures including but not limited to:</p> <ul style="list-style-type: none"> ➤ erosion and sediment control ➤ dust control ➤ fauna and flora protection ➤ noise mitigation 	<p>Not applicable at the time.</p> <p>N/A</p>
52.	<p>Inspection of operational infrastructure to confirm measures including but not limited to:</p> <ul style="list-style-type: none"> ➤ Fuel Station ➤ Vehicle washbays ➤ Stormwater protection ➤ Etc. 	<p>No fuel stations or wash bays were in use at the time.</p> <p>In general stormwater detention basins appeared well maintained, and drains were well protected, especially in areas still to be developed.</p> <p>C</p>
53.	<p>Implementation of the Landscape and Ecological Area Management Plan for the ILC including:</p> <ul style="list-style-type: none"> ➤ Frog protection ➤ Landscaping ➤ Weed management 	<p>In general, the frog habitat area appeared well maintained, as did the grounds and associated landscaping.</p> <p>Some weeds were evident, in some cases to stabilise batters and Mount Enfield, although the latter had improved in the last year from a weed perspective.</p> <p>Sighted an area on Mount Enfield which had been weeded and spray seeded, the latter showing promising growth.</p> <p>C</p>

TENANT requirements (Pitkin Transport)		
		<i>It was noted, that Pitkin was a very small old school operation comprising half a dozen trucks and a large Reach Stacker, with the potential for very low environmental community impact i.e. possible noise related to around 20 trucking movements per day being the most likely.</i>
Pitkin Transport OEMP: ENVIRONMENTAL MANAGEMENT		
54.	2.4.1 Complaints – were any complaints received by Pitkin directly recorded in the Complaints Register (Appendix D)?	Not specifically, although complaint from NSWSP about Reach Stacker tonal beeper had been rectified.
55.	2.5 Annual Environmental Management Compliance Report – submitted to NSW Ports or planned?	Not applicable, only being operating for 3 months.
	RECORDS:	
56.	2.5 Compliance and Environmental Reporting & Auditing - undertake monthly environmental inspections, unless any issues arise that may indicate more frequent inspections are required	Very basic on-the-job inspections were taking place, occasionally recorded in a hard copy booklet.
57.	2.7 Induction and Training - all personnel to undertake an environmental induction.	Very basic notations recorded in a hard copy booklet.
58.	2.9 Emergency Response and Incident Management – any environmental and pollution incidents recorded, in turn reported immediately to the NSW Ports' Site Manager (Enfield ILC)	None reported.
Pitkin Transport OEMP: ENVIRONMENTAL MANAGEMENT		
59.	3.1 Risk Assessment and Implementation - environmental risk register for suite of environmental mitigation measures and controls set out in Appendix B, known and implemented?	Generally yes, by Business owner

60.	3.3.1	Road Traffic and Transport - CoA 6.5(b) required Operational Traffic Management Plan (OTMP) known and implemented?	Very basic sketch recorded in a hard copy booklet, with some briefing notes on site movements.	C
61.	3.3.2	Noise and Vibration - Operational Noise Management Plan (ONMP) per CoA 6.5(a), set out in Appendix C, known and implemented? E.g. <ul style="list-style-type: none"> Operate from Monday to Friday from 06h00 to midnight. Two trucks will operate between 06h00 and 12h00 on Saturdays. Operations are unlikely to take place on Sundays If the company operates on a Sunday it will use one truck for approximately one hour Utilise only acoustically considerate plant and equipment (e.g. non-tonal reversing alarms such as quackers, squawkers etc.), compliant exhausts, flashing lights etc.) in accordance with WHS requirements Schedule activities to avoid out of hours disturbances Minimise reversing by ensuring all truck movements are in a forward direction only 	<p>It was stated that a 24/7 operation was in place, with vehicles often arriving around 0400 in the morning.</p> <p>This is contrary to the Pitkin OEMP and ONMP (combined document) dated July 2015, although it should be note the Project Approval does allow for a 24/7 operation.</p>	OFl
62.	3.3.3	Air Quality <ul style="list-style-type: none"> Minimise exhaust emissions from vehicles and equipment All vehicles, plant and equipment are maintained in an efficient condition and operated in a proper and efficient manner, including that they are turned off when not in use 	<p>HYSTER Reach Stacker (see photo below) appeared to be maintained with no lengthy-duration smoke emissions visible on the day of <u>this</u> audit / inspection.</p> <p>Sighted a couple of completed Forklift Inspections Records evidencing checks and servicing requirements.</p>	C

63.	3.3.4	<p>Hydrology, Water Quality and Quantity</p> <ul style="list-style-type: none"> Forklift to be filled once a week by a licenced operator (currently Linfox) which has its own spill response kits and procedures All refuelling contractors to have spill response equipment when undertaking activities that may result in leaks and spills No refuelling will take place adjacent to any stormwater drain. 	 <p>As stated alongside.</p> <p>Spill kit located in container on site</p>	C
64.		<p>Waste</p> <ul style="list-style-type: none"> Provide bins if waste is generated on site Minimise waste according to the hierarchy of avoidance, reuse, recycle and disposal. Where possible, recyclable waste will be segregated and sent to appropriate facilities for recycling 	<p>No waste generated, site was quite clean.</p>	C