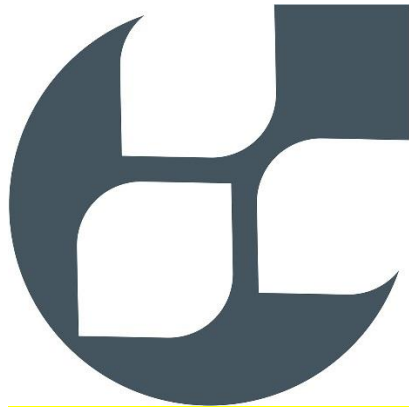
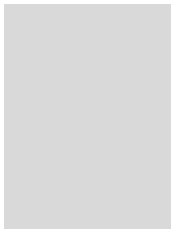


Independent Environmental Compliance Audit



SIMTA Moorebank Precinct East (MPE) Stage 1 – Import Export Terminal (IMEX No 1)

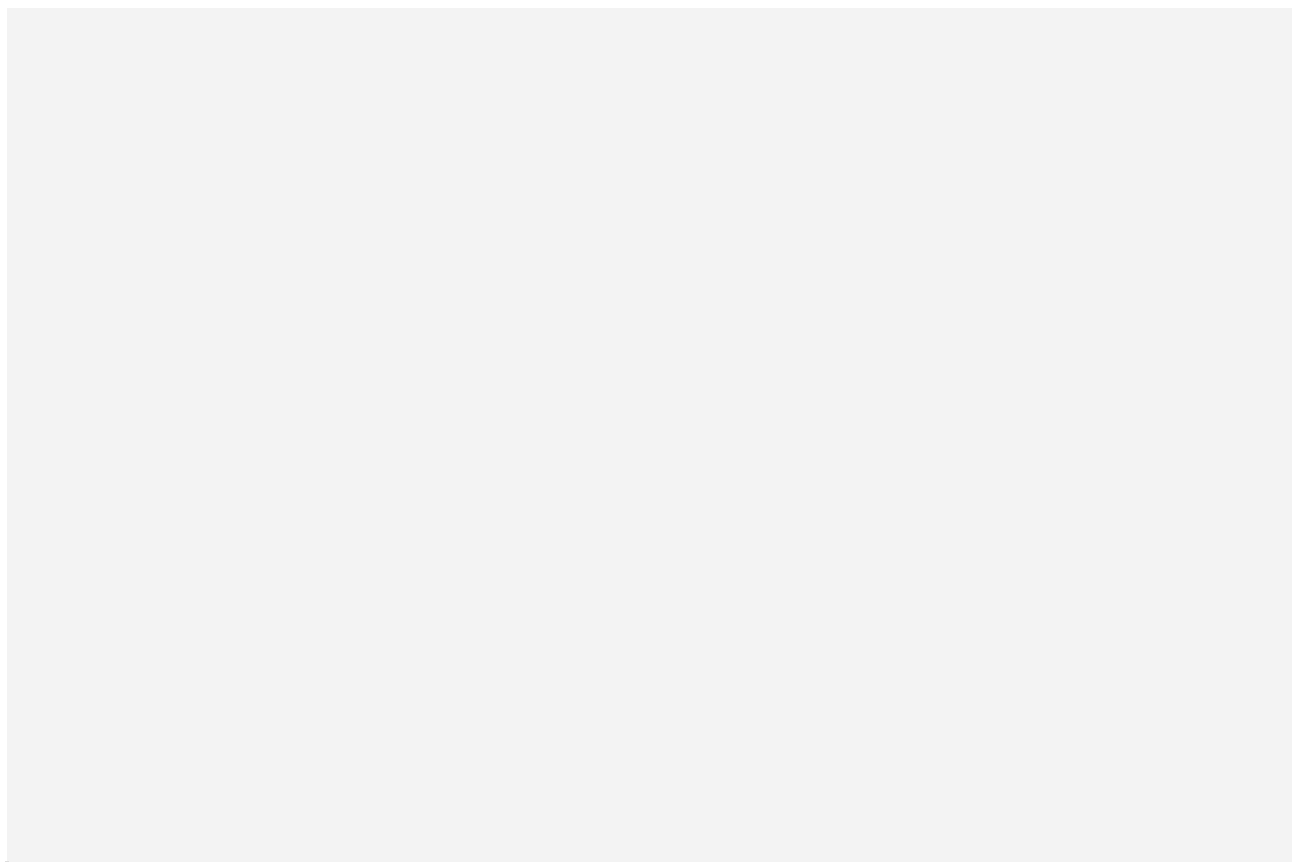
July 2018



 wolfpeak

Document History

Revision	Date	Prepared By	Reviewed By	Description
V0	17/07/2018	D Low	Client	1 st draft report
V1	28/07/2018	D Low	S Fermio	Final
V1.1	07/08/2018	D Low	D Low	Minor update



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Cover photo: Site boundary sediment control with environment protection zone signage at IMEX No 1 site, taken 20/06/18.

Executive Summary

The purpose of this audit was to undertake the review of the Sydney Intermodal Terminal Alliance's (SIMTA) works on the Moorebank Precinct East (MPE), Import Export Terminal Package 2 (IMEX No 1), to verify compliance with the Conditions of Consent (CoC) outlined in Project Approval SSD 6766, and assess the effectiveness of implementation of environmental management and mitigation measures as set out in IMEX No 1's Construction Environmental Management Plan (CEMP), Sub-plans and associated documents.

This audit is being carried out in order to satisfy the requirements set out in CoC C4 (d) and Section 2.4 of IMEX No 1's Compliance Tracking Program. Construction on IMEX No 1 commenced on 23 June 2017. This audit represents the second six monthly independent environmental audit for the construction period.

Relevant environmental and compliance monitoring records continue to be collected and reported as required to provide verification of compliance to statutory requirements and the broader Project environmental requirements. The majority of this information is publicly available, along with the relevant environmental management plans, on SIMTA's website.

There were no *Non-Compliances* with the CoC.

There was one *Non-Compliance* identified against the mitigation measures set out in the IMEX No 1 CEMP and Sub-plans, in relation to no evidence being available of the submission of a noise and vibration monitoring report to DPE and the EPA as outlined in Section 8.2.4 of the Noise and Vibration Management Plan.

There were three new *Observations* made in relation to the CoC and Mitigation Measures outlined in the CEMP and Sub-plans. The first relates to Project Approval SSD 6766 CoC C4(f) incorrectly referencing CoC C6 and C7. The CoC should reference CoC E10 and E11. The second relates to communicating the requirements of CoC E20 and NV7 to the workforce. The third relates to the calendar of stakeholder engagement described in Section 6.3 of the Community Communications Strategy.

There was one *Observation* made in the December 2017 Audit that remained open, in relation to CoC E10. Responsibility for incident reporting and decision making needs to be clarified in IMEX No 1's CEMP.

The overall outcome of the audit was indicative of a high level of compliance and environmental performance by SIMTA and its principal civil contractor (Fulton Hogan) in carrying out the construction of the IMEX No 1 site.

The auditor would like to thank the auditees (representing SIMTA and Fulton Hogan) for their high level of organisation, cooperation and assistance during the audit.

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1.0 Introduction

1.1 The works

The Sydney Intermodal Terminal Alliance (SIMTA) is currently developing an intermodal facility, referred to as the Moorebank Precinct East (MPE) Project. The MPE Project includes warehouse and distribution facilities, freight village, rail link and ancillary works such as vegetation clearing and landscaping, remediation, earthworks, road tie-ins, utilities installation/connection and signage.

The site is located on the eastern side of Moorebank Avenue, Moorebank, within the Liverpool City Council Local Government Area, approximately 27 kilometres south-west of the Sydney Central Business District. The locality of the project is presented in Figure 1.

The MPE Project is to be developed in three stages:

- Stage 1 - Construction of the Inter-modal facility, comprising
 - Rail Access Land Package (RALP) (Package 1) and
 - Import Export (IMEX No 1) Terminal (Package 2)
- Stage 2 - Construction of warehouse and distribution facilities
- Stage 3 - Extension of the IMT and completion of warehouse and distribution facilities.

This audit focuses on the IMEX No 1 within the MPE Stage 1 Project. The IMEX No 1 includes the following key works:

- Truck processing, holding and loading areas – entrance and exit from Moorebank Avenue
- Rail loading and container storage areas – installation of four rail sidings with adjacent container storage area serviced by manual handling equipment initially and overhead gantry cranes progressively
- Administration facility and associated car parking – light vehicle access from Moorebank Avenue.

The general overview of the IMEX No 1 and MPE Stage 1 Project is presented in Figure 2.

The RALP works are the subject of a separate audit report.

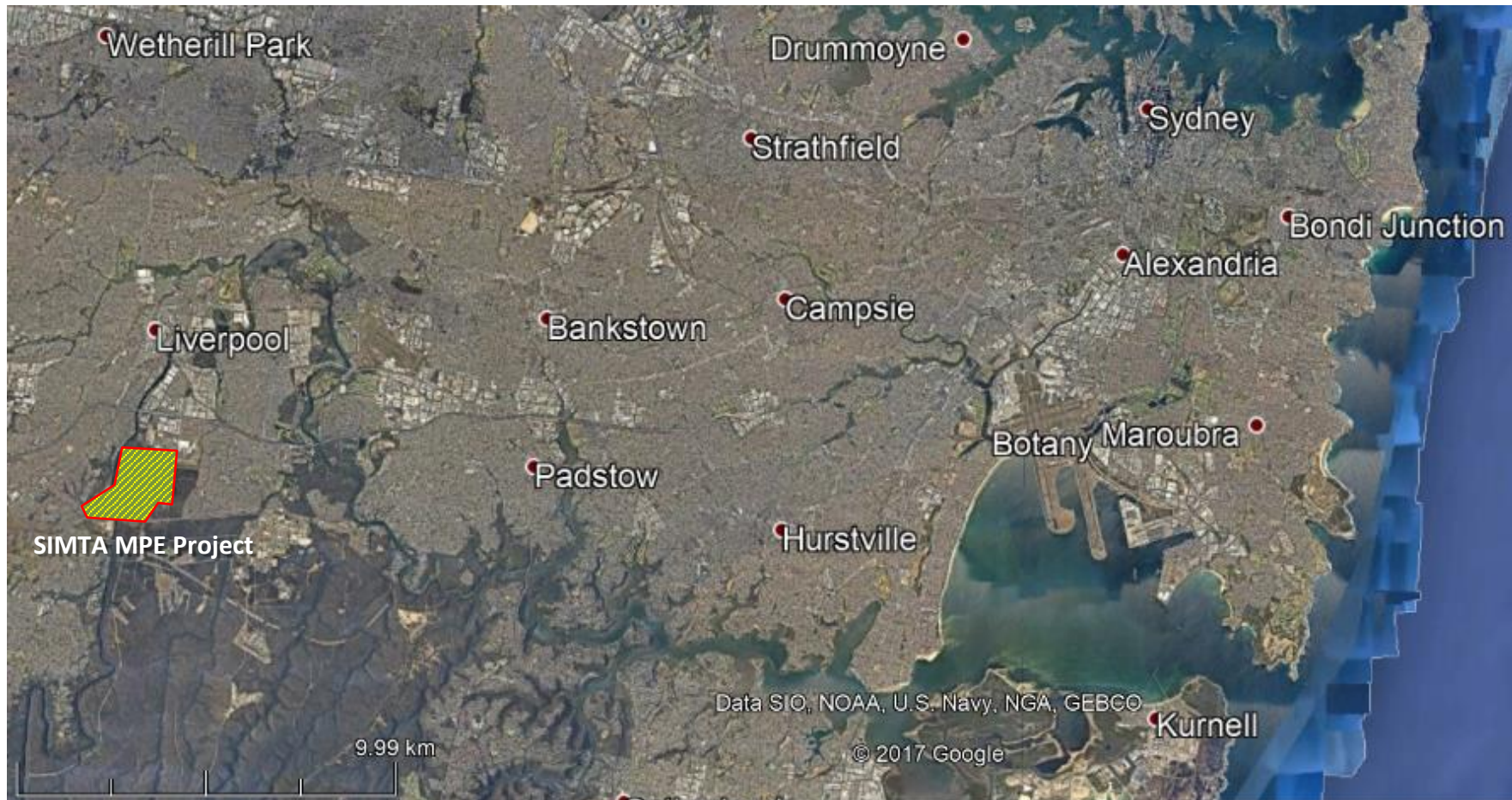


Figure 1: Locality of SIMTA MPE Project.

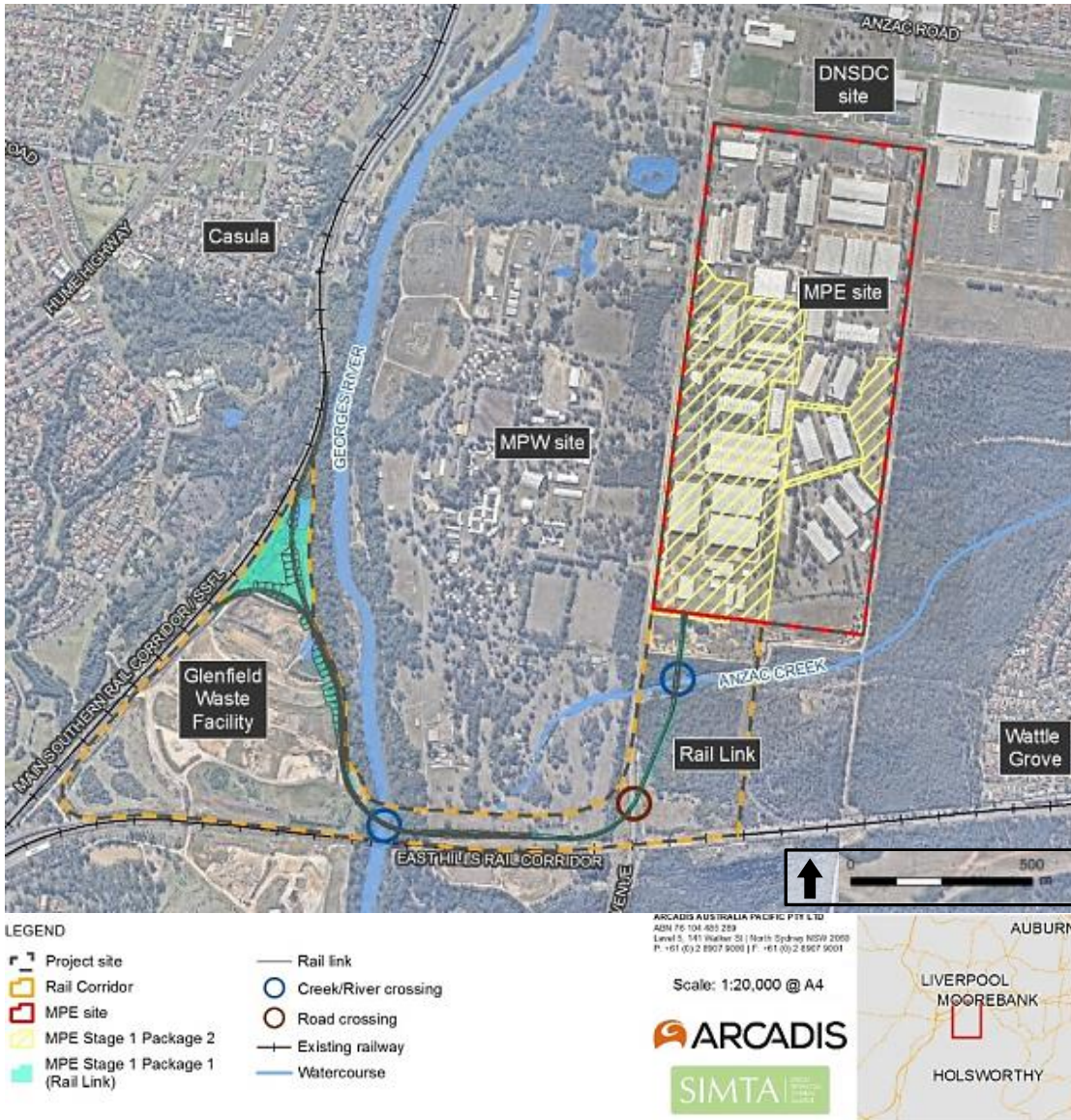


Figure 2: IMEX No 1 and MPE Stage 1 Project Overview (source: Arcadis)

1.2 Approval requirements

Approval for the Stage 1 of the MPE Project was granted by the Planning Assessment Commission on 12 December 2016, pursuant to section 89(E) of the *Environmental Planning and Assessment Act 1979* (SSD 6766). Approval was granted subject to a number of Conditions of Consent (CoC). The CoC were updated on 13 March 2018 following a court appeal. This audit is being carried out in order to satisfy the requirements set out in CoC C4 (d).

CoC C4 – Compliance Monitoring and Tracking requires that:

The Applicant shall prepare and implement a Compliance Tracking Program, to track compliance with the requirements of this approval. The Program shall be submitted to the Secretary for approval prior to the commencement of construction and operate for the duration of construction.

The Program shall include, but not be limited to:

- a) provision for the notification to the Secretary prior to the commencement of construction;*
- b) provision for periodic review of the compliance status of the SSD against the requirements of this approval;*
- c) provision for periodic reporting of compliance status to the Secretary, including but not limited to:
 - i. a Pre-Construction Compliance Report prior to the commencement of construction,*
 - ii. Six-monthly, or other timing as agreed by the Secretary, Construction Compliance Reports, for the duration of construction, and*
 - iii. a Completion Compliance Report within one month of completion of the construction;**
- d) a program for independent environmental auditing in accordance with AS/NZS ISO 19011:2014 - Guidelines for Auditing Management Systems;**
- e) mechanisms for recording environmental incidents during construction and actions taken in response to those incidents;*
- f) provision for reporting environmental incidents to the Secretary during construction, in accordance with conditions C6 and C7 [refer observation in relation to this requirement];*
- g) procedures for rectifying any non-compliance identified during environmental auditing, review of compliance or incident management; and*
- h) provision for ensuring all employees, contractors and sub-contractors are aware of, and comply with, the conditions of this approval relevant to their respective activities.*

A Compliance Tracking Program was developed and submitted to DP&E on 27 February 2017, with approval granted on 4 May 2017. Section 2.4 of the Compliance Tracking Program, addressing CoC C4 (d), specifies that independent environmental audits will be undertaken in accordance with *AS/NZS ISO 19011:2014 - Guidelines for Auditing Management Systems* at six-month intervals throughout construction.

Construction on the IMEX No 1 site commenced on 23 June 2017. This audit represents the second six monthly independent environmental audit during the construction of this site.

1.3 Purpose and Scope

The purpose of this audit was to undertake the review of SIMTA and its contractor's (primarily its principal civil contractor – Fulton Hogan) works on the IMEX No 1 site to verify compliance with the CoC and assess the effectiveness of environmental management and mitigation works.

The scope of this audit included a detailed assessment of:

- IMEX No 1 construction works against applicable CoC and
- implementation of the environmental management and mitigation measures as set out in IMEX No 1's CEMP, Sub-plans and associated documents

This audit does not include assessment of operational phase CoC, as these works have yet to commence; nor assessment of the RALP project, as this is presented in a separate audit report.

1.4 Methodology

This audit was conducted in accordance with *AS/NZS ISO 19011:2014 - Guidelines for Auditing Management Systems*. An overview of the audit activities, as specified in the standard, is presented in Figure 3.

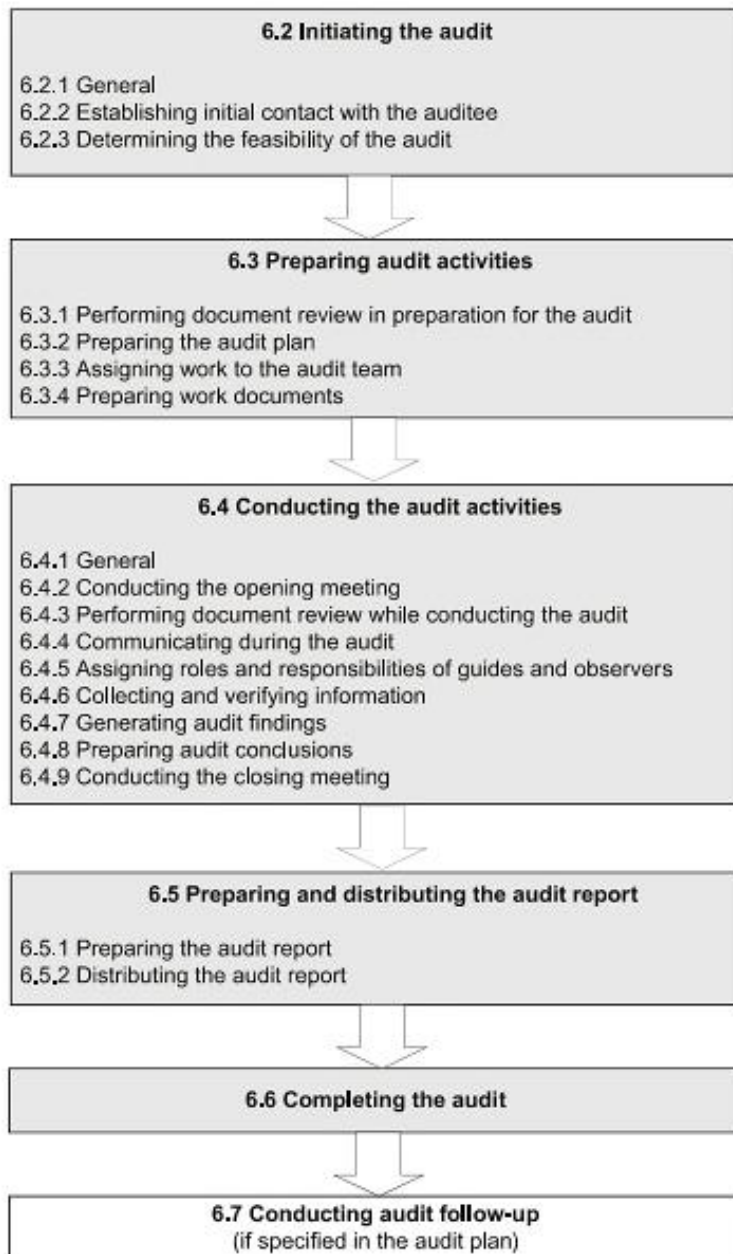


Figure 3: Audit activities overview (AS/NZS ISO 19011:2014). Subclause numbering refers to the relevant subclauses in the Standard.

Prior to the commencement of the audit the following tasks were completed:

- Establish initial contact with the auditee
- Confirm the audit team: The audit was undertaken by Derek Low. Derek is an Exemplar Global certified associate environmental auditor. Derek was supported by Natalie Jongebloed.
- Confirm the audit purpose, scope and criteria.

The documents reviewed prior to the site visit are as follows:

- Project Approval SSD 6766 for MPE stage 1 Project, dated 13 March 2018
- *Environment Protection and Biodiversity Conservation Act 1999* Approval, dated 6 March 2014
- Selected Approvals Matrix - Stage 1 Recommended CoC, dated 3 August 2016
- Selected Approvals Matrix - Stage 1 Final Compilation of Mitigation Measures, dated 3 August 2016 and
- *Construction Environmental Management Plan, Moorebank Precinct East Stage 1, Package 2*, dated 13 June 2018, and Sub-plans (SIMTA).

Following the document review the following tasks were undertaken prior to the on-site audit activity:

- Preparing the audit program
- Assigning work to the audit team
- Preparing audit checklists:
 - Minister's Conditions of Approval for the IMEX No 1 site
 - Environmental management and mitigation measures as set out in the IMEX No 1 CEMP, Sub-plans and associated documents.

The on-site audit activities took place on 20 June 2018. The following personnel took part in the audit:

- Ian Irwin – Environment Manager (Tactical)
- Monique Elbarbary – Project Manager (Tactical)
- James Diamond – Environment Manager (Fulton Hogan)
- Rui Henriques – Independent Environmental Representative (HBI)
- Mackenzie Barton – Environmental consultant (Arcadis).

The on-site audit activities included an inspection of the site and work activities and review monitoring records and inspection reports.

A component of the audit was conducted off-site after the on-site audit activities. The off-site audit activities were completed between 20 June and 12 July 2018 and involved review of plans, reports, checklists, correspondence records and additional information provided after the on-site audit.

In relation to findings against conditions, the following terminology was adopted:

- **Compliant:** Complies with all requirements of the condition(s)
- **Observation:** A situation observed during the audit that provides an opportunity for improvement, requires further consideration or could lead to a non-compliance or environmental impact if not addressed.
- **Corrective Action Request:** Observation warranting the issue of a Corrective Action Request as a result of the finding.
- **Non-compliance:** Does not fully comply with all requirements of the condition. These are categorised as minor or major, depending on the severity of the non-compliance.
- **Not Triggered:** There were either no compliance issues related to the condition, is a future required action, was not triggered at the time of the audit or was not related to a SIMTA (or one of its contractors) responsibilities.

2.0 Audit Findings

Table 1 provides a summary of the findings of this audit and actions proposed or undertaken in response to the findings.

The Audit Checklists provided in Appendices A - B include details of all the evidence collected, observed and provided in support of compliance, publicly available information on SIMTA's website. They also include evidence collected during the inspection of the Project site and interviews with personnel on 20 June 2018. Highlighted text indicates a finding.

2.1 Compliance Status

There were no *Non-Compliances* with the CoC.

There was one *Non-Compliance* identified against the mitigation measures set out in the IMEX No 1 CEMP and Sub-plans:

- Section 8.2.4 of the NVMP states that a report for the construction noise and vibration compliance monitoring will be compiled every 3 months detailing the community noise monitoring results as well as any other noise and vibration monitoring that was conducted during the reporting period. The report will include information about any exceedances detected and how non-compliances were addressed. This report will be sent to SIMTA/ the Secretary/ the EPA until the completion of construction. All construction compliance monitoring reports will be submitted to the EPA no later than one month from the end of each three-month reporting period. All reports will include a map clearly showing the location of each monitoring station.

The noise monitoring report for April 2018 was sighted, but there was no evidence of this report being sent to the recipients outlined in the commitment.

2.2 Corrective Action Requests and Observations

There were three new *Observations* made in relation to the CoC and Mitigation Measures outlined in the CEMP and Sub-plans:

- Observation in relation to CoC C4.
In the Approval SSD 6766, CoC C4(f) incorrectly references CoC C6 and C7. The CoC should reference CoC E10 and E11. It is suggested that SIMTA raise this matter to DPE for them to amend the error.
- Observation in relation CoC E20 and NV7.
CoC E20 and NV7 require that activities resulting in a high noise impact shall only be undertaken:
 - a) between the hours of 8:00 am to 5:00 pm Monday to Friday;
 - b) between the hours of 8:00 am to 1:00 pm Saturday; and
 - c) in continuous blocks not exceeding three hours each with a minimum respite from those activities and works of not less than one hour between each block.For the purposes of this condition, 'continuous' includes any period during which there is less than a one hour respite between ceasing and recommencing any of the work the subject of this condition.

Whilst the induction includes standard hours of works, there does not appear to be any communication to the workforce on this requirement to prevent potential non-compliance. SIMTA advise that this CoC and requirement has not been triggered and noise activities resulting in high noise impacts have not occurred.

- Section 6.3 of the Community Communications Strategy states that a calendar of communication and stakeholder engagement work will be developed and be presented for discussion at regular project communication and engagement meetings. The project website has regular updates for the community advising on project milestones and upcoming works. However, a calendar as referenced in this commitment was not available at the time of the audit.

There was one *Observation* made in the December 2017 Audit that remained open:

- Observation in relation to CoC E10.
Responsibility for incident reporting and decision making needs to be clarified in IMEX No 1's CEMP.

2.3 Effectiveness of environmental management & mitigation measures

The effectiveness of implementation of construction environmental management measures relied on a review of SIMTA's site inspection records, incident reports, training and induction records and other relevant records that were reviewed during the site inspection and interviews held on 20 June 2018.

The assessment indicated that the CEMP and associated Sub-plans were being effectively implemented and the sample of mitigation measures that were checked during this audit have

achieved an appropriate level of environmental protection. Plates 1 - 5 below provide evidence of operational environmental controls being implemented on the day of the site audit, in addition to the assessment against the mitigation measures outlined in Appendix B.

3.0 Audit Conclusions

The overall outcome of the audit was positive. Compliance records were available at the time of the site inspection and interview with SIMTA's personnel on 20 June 2018.

Relevant environmental and compliance monitoring records continue to be collected and reported as required to provide verification of compliance to statutory requirements and the broader Project environmental requirements. The majority of this information is publicly available, along with the relevant environmental management plans, on SIMTA's website.

There were no *Non-Compliances* with the CoC.

There was one *Non-Compliance* identified against the mitigation measures set out in the IMEX No 1 CEMP and Sub-plans:

- Section 8.2.4 of the NVMP states that a report for the construction noise and vibration compliance monitoring will be compiled every 3 months and will be sent to SIMTA/ the Secretary/ the EPA until the completion of construction. All construction compliance monitoring reports will be submitted to the EPA no later than one month from the end of each three-month reporting period. The noise monitoring report for April 2018 was sighted, but there was no evidence of this report being sent to the recipients outlined in the commitment.

There were three new *Observations* made in relation to the CoC and Mitigation Measures outlined in the CEMP and Sub-plans:

- Observation in relation to CoC C4.
In the Approval SSD 6766, CoC C4(f) incorrectly references CoC C6 and C7. The CoC should reference CoC E10 and E11. It is suggested that SIMTA raise this matter to DPE for them to amend the error.
- Observation in relation CoC E20 and NV7.
CoC E20 and NV7 require that activities resulting in a high noise impact shall only be undertaken in the hours specified by the CoC and commitment.

Whilst the induction includes standard hours of works, there does not appear to be any communication to the workforce on this requirement to prevent potential non-compliance. SIMTA advise that this CoC and requirement has not been triggered and noise activities resulting in high noise impacts have not occurred.

- Section 6.3 of the Community Communications Strategy states that a calendar of communication and stakeholder engagement work will be developed and be presented for discussion at regular project communication and engagement meetings. The project website has regular updates for the community advising on project milestones and upcoming works. However, a calendar as referenced in this commitment was not available at the time of the audit.

There was one *Observation* made in the December 2017 Audit that remained open:

- Observation in relation to CoC E10.
Responsibility for incident reporting and decision making needs to be clarified in IMEX No 1's CEMP.

Actions proposed / completed by the Project team to address the findings of this audit are set out in Table 1 below.

The overall outcome of the audit was indicative of a high level of compliance and environmental performance by SIMTA and its principal civil contractor (Fulton Hogan) in carrying out the construction of the IMEX No 1 site.

The auditor would like to thank the auditees (representing SIMTA and Fulton Hogan) for their high level of organisation, cooperation and assistance during the audit.

Table 1: AUDIT ACTION LIST

Item No	Condition No	Type	Details of Item	Proposed or Completed Action	Who By	When	Status
JUNE 2018 AUDIT FINDINGS STATUS							
1	Comms – Calendar of works	Observation	<p>Section 6.3 of the Community Communications Strategy states that a calendar of communication and stakeholder engagement work will be developed and will contain items that are perceived to potentially attract a high level of interest. The calendar will be presented for discussion at regular project communication and engagement meetings.</p> <p>The project website has regular updates for the community advising on project milestones and upcoming works. However, a calendar as referenced in this commitment was not available at the time of the audit.</p>	<p>The process is undertaken in relation to recording community engagement and discussions with community on a whole of project basis not at the Fulton Hogan level. Presently Fulton Hogan have a Community Communications Strategy (CCS) which sits beneath the Community Engagement Strategy (CES) established by the Project community engagement consultant. The CES is a whole of Project approach and it is at this level that stakeholder engagement occurs. The requirements associated with community engagement , and the calendar is managed and maintained under the CES.</p> <p>An assessment of the Fulton Hogan CCS will be undertaken to determine the requirements to amend the document to better reflect the Project requirements is needed.</p> <p>In relation to community communications this will also be undertaken through the approved CCC process which has been established as a requirement under MPE Stage 2</p>	The action to be completed will include a review of the CCS to determine the need to amend the document to better reflect the approach being undertaken for the project	5/9/2018	<p>Closed.</p> <p>A copy of the calendar was provided after the audit.</p>

Item No	Condition No	Type	Details of Item	Proposed or Completed Action	Who By	When	Status
2	CoA E20 and NV7	Observation	<p>CoA E20 and NV7 require that activities resulting in a high noise impact shall only be undertaken:</p> <p>a) between the hours of 8:00 am to 5:00 pm Monday to Friday;</p> <p>b) between the hours of 8:00 am to 1:00 pm Saturday; and</p> <p>c) in continuous blocks not exceeding three hours each with a minimum respite from those activities and works of not less than one hour between each block.</p> <p>For the purposes of this condition, 'continuous' includes any period during which there is less than a one hour respite between ceasing and recommencing any of the work the subject of this condition.</p> <p>Whilst the induction includes standard hours of works, there does not appear to be any communication to the workforce on further restrictions on high noise impact activities.</p>	<p>SIMTA advise that they do not consider this condition or the requirements within the CNVMP have been triggered to date. Based on site activities and as part of the ongoing site surveillance by FH and Arcadis no noise exceedances associated with high noise impacts have been recorded.</p> <p><i>The auditor did not consider this initial response to satisfactorily addresses the finding.</i></p> <p>In response, SIMTA have nominated to undertake a toolbox session to communicate to workers the requirements associated with high noise impact activities.</p>	Fulton Hogan	08/09/18	Open
3	NVMP – Monitoring reports	Non-compliance	<p>Section 8.2.4 of the NVMP states that a report for the construction noise and vibration compliance monitoring will be compiled every 3 months detailing the community noise monitoring results as well as any other noise and vibration monitoring that was conducted during the reporting period. The report will include information about any exceedances detected and how non-compliances were addressed. This report will be sent to SIMTA/ the Secretary/ the EPA until the completion of construction. All construction compliance monitoring reports will be submitted to the EPA no later than one month from the end of each three-month reporting period.</p>	<p>The requirement within the NVMP is for reporting to the Secretary and the EPA every three months in relation to noise compliance, however this is not a requirement under condition of consent for the project. Furthermore, the EPA has commented that the information would be sought if it considered there was an issue with noise at the site and as such the supply of the report is considered redundant under the circumstances.</p> <p>It should be noted that the information in relation to noise</p>	Arcadis	30/08/18	Open

Item No	Condition No	Type	Details of Item	Proposed or Completed Action	Who By	When	Status
			<p>All reports will include a map clearly showing the location of each monitoring station.</p> <p>The noise monitoring report for April 2018 was sighted, but there was no evidence of this report being sent to the recipients outlined in the commitment.</p>	<p>monitoring and reporting is available on the website under Condition B62/B63 of SSD-7628 and in the 6 monthly Compliance Report under Condition C4 of 6766 and as such the information is readily available</p> <p>Based on these factors it is proposed that the requirement be removed from the NVMP and that this process is endorsed by the ER</p>			
4	CoC C4(f)	Observation	It is noted that CoC D4(f) incorrectly references CoCs C6 and C7. These should reference CoC E10 and E11.	No action required at this time	No action required at this time	Open	CoC C4(f)
DEC 2017 AUDIT FINDINGS STATUS							
4	CoC E10	Observation	Responsibility for incident reporting and decision making needs to be clarified in IMEX No 1's CEMP	Further clarification of this is to be provided in next revision of CEMP and will be covered in the PIRMP which is presently being finalised as part of the requirements for the Site EPL. The amendments will detail the process and responsibility for reporting	SIMTA	30/08/18	Open
1	CoC D4	Administrative non-compliance	<p>CoC D4 requires SIMTA to, subject to confidentiality, publish and maintain up-to-date information on the website or dedicated pages including each current report, plan, or other document required under the Project Approval.</p> <p>At the time of the audit a number of documents, pertinent to CoC D4e) and D4f), had yet to be placed on the website, including:</p> <ul style="list-style-type: none"> Pre-Construction Compliance Report for IMEX No 1 	To be actioned by SIMTA	SIMTA	February 2018	Closed. This CoC was amended following court decision.

Item No	Condition No	Type	Details of Item	Proposed or Completed Action	Who By	When	Status
			<ul style="list-style-type: none"> RAP, SAS & Site Audit Report relevant to the IMEX No 1 site 				
2	Mitigation Measure BM2	Non-compliance with mitigation measure	<p>Inclusion of information regarding the bushfire management strategy is required in site induction</p> <p><i>NB: This does not represent a non-compliance with the overall implementation of the Bushfire Management Strategy</i></p>	Bushfire Management has been included in the Fulton Hogan Face to Face component of the general site induction. Bushfire Management was also included in the Back to Work 2018 Toolbox on 8/1/18 for site personnel who had already been through the site induction process	J Diamond	January 2018	Closed
3	CoC C4	Observation	It is suggested that Fulton Hogan independently and proactively track compliance with the CoC and Mitigation Measures relevant to their IMEX No 1 works rather than simply inputting into Tactical Group's Compliance Register when it is sent to them	Fulton Hogan will independently track compliance with the CoC and Mitigation Measures relevant to the IMEX works	J Diamond	Ongoing from January 2018	Closed. Arcadis are actively tracking of compliance.
5	CoC E18	Observation	Grasshopper's Monthly Waste Reports should include destination of wastes or statement that disposal sites can lawfully accept any waste received from the IMEX No 1 site	Grasshopper Monthly Waste Report now includes disposal/recycle location including EPA licence number of destination site. Copy of licences saved on Fulton Hogan server	J Diamond	20/12/17	Closed.



Plate 1: Boundary sediment control, fencing and environment protection zone signage.



Plate 2: Swale drain / basin capturing runoff from overnight rainfall.



Plate 3: Spill kits.



Plate 4: Dust suppression polymer on hardstand.



Plate 5: Pump out of basin to watercart.

Appendix A. PROJECT APPROVAL (SSD 6766) CONDITIONS OF APPROVAL

CoC No	Condition of Approval Requirement	RESPONSIBILITY		Comments, observations, discussion Evidence, supporting documentation	Audit Outcome (See footer for key)			
		PRINCIPAL	CONTRACTOR		C	O	NC	NT
Rating: C- Compliant, O – Observation, NC – Non-compliant, NT – Not triggered								
PART A ADMINISTRATIVE CONDITIONS								
Development in Accordance with Plans and Documents								
A1	The Applicant shall carry out the development generally in accordance with the: a. State Significant Development Application SSD 6766; b. SIMTA Intermodal Terminal Facility - Stage 1 - Environmental Impact Statement (Hyder Consulting Pty Ltd, May 2014); c. SIMTA Intermodal Terminal Facility - Stage 1 - Response to Submissions (Hyder Consulting Pty Ltd, September 2015); and d. The conditions of this consent.	X	X	Compliance with these requirements is verified through this independent audit process.	C			
A2	In the event of an inconsistency between: a. the conditions of this approval and any document listed from condition A1(a) to A1(c) inclusive, the conditions of this approval shall prevail to the extent of the inconsistency; and b. any document listed from condition A1(a) to A1(c) inclusive, and any other document listed from condition A1(a) to A1(c) inclusive, the most recent document shall prevail to the extent of the inconsistency.	X	X	Consistency (or Accordance) Assessments have been prepared for the Liberty Compound Area, High Energy Impact Roller Noise Assessment, Northern Access Point	C			
A3	The Applicant shall comply with any reasonable requirement(s) of the Secretary arising from the Department's assessment of: a. any reports, plans or correspondence that are submitted in accordance with this consent; and b. the implementation of any actions or measures contained within these documents	X	X	CEMP and sub-plans revised in accordance with comments provided DP&E. http://simta.com.au/mpe/	C			
Lapsing of approval								

CoC No	Condition of Approval Requirement	RESPONSIBILITY		Comments, observations, discussion Evidence, supporting documentation	Audit Outcome (See footer for key)			
		PRINCIPAL	CONTRACTOR		C	O	NC	NT
A4	This approval will lapse ten years from the date of this approval unless works the subject of this approval are physically commenced, on or before that lapse date.	X		NT Works Commenced				NT
A5	In the event of a dispute between the Applicant and a public authority, in relation to this approval, either party may refer the matter to the Secretary for resolution. The Secretary's resolution of the matter shall be binding on the parties.	X		NT None identified.				NT
Legal notices								
A6	Any advice or notice to the consent authority shall be served on the Secretary	X		NT None identified.				NT
A7	The applicant shall ensure that all licences, permits, consents and approvals are obtained and maintained as required throughout the life of the development. No condition of this consent removes the obligation of the Applicant to obtain, renew or comply with such licences, permits or approvals. The Applicant shall ensure that a copy of this consent and all relevant environmental licences, permits, consents and approvals are available on the Project Website and Subject Site at all times during the development	X	X	EPBC Act Approval (EPBC 2011/6229) Project Approval SSD 6766 Environment Protection Licence (EPL 20966) http://simta.com.au/mpe-2/ Approved CEMP and sub-plans outline applicable legal obligations and licence, permit, consent and approval requirements, including: <ul style="list-style-type: none"> - Road occupancy licences under S138 of the Roads Act 1993 - Permits to manage EECs under S132C of NPW Act 1974 - Permits for pesticide use under Agricultural and Veterinary Chemicals Code Act 1994 - Licence for translocation of threatened species 	C			

CoC No	Condition of Approval Requirement	RESPONSIBILITY		Comments, observations, discussion Evidence, supporting documentation	Audit Outcome (See footer for key)			
		PRINCIPAL	CONTRACTOR		C	O	NC	NT
				under the Biodiversity Conservation Act 2016.				
PART B PRIOR TO THE ISSUE OF A CONSTRUCTION CERTIFICATE								
Disabled Access								
B1	Access for people with disabilities shall be provided for offices and amenities for the development in accordance with the Disability Discrimination Act 1992 (Commonwealth). Prior to the issue of a Construction Certificate, verification of compliance with this condition from an appropriately qualified person shall be provided to the Certifying Authority	X		2 x Construction Certificates issued: - Site establishment dated 16/05/17 - Earthworks and structures dated 07/07/17. Construction of IMEX No 1 Administration Building is not due to commence until March 2018	C			
Compliance with the Building Code of Australia (BCA)								
B2	Details shall be provided to the satisfaction of the Certifying Authority, with the application for a Construction Certificate, which demonstrate that the proposal complies with the prescribed conditions of approval under Clause 98 of the Environmental Planning and Assessment Regulation in relation to the requirements of the Building Code of Australia (BCA).	X		Compliance with BCA Codes provided through Construction Certificates sighted: - Demolition dated 16/05/17 - Earthworks and structures dated 28/07/17 - Services dated 16/11/17	C			
Development Contributions								
B3	Prior to the issue of a Construction Certificate, the Applicant shall pay a monetary levy of \$643,027.27 to Liverpool City Council for transport, drainage, community facilities, administration and professional and legal fees pursuant to section 94B(2) of the Environmental Planning and Assessment Act 1979.	X		Payment made on 15/05/17.	C			
Site Layout and Access								
B4	The design of the main access gate shall preclude heavy road freight vehicles from using Moorebank Avenue south (no left turn from the	X		McKenzie Group are the Certifying Authority and they issued approval	C			

CoC No	Condition of Approval Requirement	RESPONSIBILITY		Comments, observations, discussion Evidence, supporting documentation	Audit Outcome (See footer for key)			
		PRINCIPAL	CONTRACTOR		C	O	NC	NT
	terminal site onto Moorebank Avenue, and no right turn from Moorebank Avenue into the terminal site). Detailed plans are to be submitted to the satisfaction of the Certifying Authority and provided to the Secretary for information.			on 26/5/17 and copy provided to DPE on 9/6/17				
B5	<p>The Applicant shall ensure that:</p> <p>a) internal roads, driveways and parking (including grades, turn paths, sight distance requirements, aisle widths, aisle lengths and parking bay dimensions) associated with the Development are constructed and maintained in accordance with the latest versions of AS 2890.1 – 2004, AS 2890.6-2009 and AS 2890.2 – 2002 for heavy vehicle usage;</p> <p>b) the swept path of the longest vehicle entering and exiting the subject site, as well as manoeuvrability through the site, is in accordance with AUSTROADS;</p> <p>c) The layout of the site shall be designed to ensure heavy vehicles associated with the operation of the intermodal terminal can be accommodated on site in the event of an incident blocking access to the M5 Motorway/ Moorebank Avenue to avoid queuing on public roads.</p> <p>d) The layout of the site shall be designed to minimise heavy vehicles reversing are not required to select reverse gear.</p> <p>e) heavy vehicles and bins associated with the SSD do not park or stand on local roads or footpaths in the vicinity of the site;</p> <p>f) all vehicles are wholly contained on site before being required to stop;</p> <p>g) all loading and unloading of materials is carried out on site; and</p> <p>h) the proposed turning areas in the car park are kept clear of any obstacles, including parked cars, at all times.</p> <p>Detailed plans demonstrating compliance with a)-h) shall be prepared in consultation with RMS and to the satisfaction of the Certifying Authority.</p>	X		In progress (related to IMEX No 1 Admin Building)				NT
B6	The Applicant shall include provision for emergency access to the site. Plans demonstrating compliance shall be submitted to the satisfaction of the Certifying Authority and provided to the Secretary for information.	X		As per PCCR: Information provided to Certifying Authority and approval provided on 26/5/17 and emailed to DPE on 09/06/17.	C			
Lighting Plan								

CoC No	Condition of Approval Requirement	RESPONSIBILITY		Comments, observations, discussion Evidence, supporting documentation	Audit Outcome (See footer for key)			
		PRINCIPAL	CONTRACTOR		C	O	NC	NT
B7	<p>A detailed plan prepared by a suitably qualified lighting engineer must be submitted to the Certifying Authority for approval prior the issue of a Construction Certificate, and include, but not be limited to:</p> <p>a) Adequate lighting of pedestrian thoroughfares;</p> <p>b) All lighting in public domain areas is to comply with the relevant Council requirements and Australian Standard AS1158 for Street Lighting Applications;</p> <p>c) The lighting plan should include lighting designs, supported by luminance calculations and luminance plots, and is to be of a high standard and Energy Australia compatible; and</p> <p>All outdoor lighting (excluding street lighting) shall comply with, where relevant, AS/NZ1158.3: 1999 Pedestrian Area (Category P) Lighting and AS4282: 1997 Control of the Obtrusive Effects of Outdoor Lighting.</p>	X		Approved by McKenzie Group on 12/5/17	C			
Public Transport								
B8	<p>The SSD shall be designed to ensure a bus stop on Moorebank Avenue (including direct pedestrian access from the terminal site to the bus stop), and associated turnaround facility suitable for a 14.5 metre long non-rear steer bus is not precluded.</p>	X		<p>The MPE Stage 1 design has not precluded the ability to install a bus stop and associated turnaround facility in the future. Consultation with relevant bus provide(s) and Transport for NSW (TfNSW) will be undertaken with regards to the potential to extend the 901 bus service (limited bus service along Moorebank Avenue), particularly along Moorebank Avenue fronting the site, and additional bus stops to ensure adequate accessibility to and within the site</p>	C			
PART C PRIOR TO CONSTRUCTION								
Commencement of Works								
C1	<p>Demolition, excavation, clearing (other than minor clearing), construction, subdivision or associated activities must not commence</p>	X		2 x Construction Certificates issued:	C			

CoC No	Condition of Approval Requirement	RESPONSIBILITY		Comments, observations, discussion Evidence, supporting documentation	Audit Outcome (See footer for key)			
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	until a Construction Certificate has been issued for the project pursuant to the Environmental Planning and Assessment Act 1979.			<ul style="list-style-type: none"> - Site establishment dated 16/05/17 - Earthworks and structures dated 07/07/17. 				
Demolition								
C2	The Applicant shall ensure that all demolition work is carried out in accordance with Australian Standard AS 2601:2001: The Demolition of Structures, or its latest version.	X		AS 2601:2001 referenced in Liberty Industrial's Asbestos Removal Control Plan for IMEX No 1-EW (April 2017)	C			
C3	<p>The Applicant shall prepare and implement an Urban Design and Landscape Plan for the project. The Plan shall present an integrated urban design for the project. The Plan shall include, but not necessarily be limited to:</p> <ul style="list-style-type: none"> a) final design details of the proposed external materials and finishes; b) location of existing vegetation and proposed landscaping (including use of indigenous and endemic species where possible) and design features; c) strategies for progressive landscaping of other environmental controls such as erosion and sedimentation controls, drainage and noise mitigation; and d) location and design treatments for any associated footpaths and cyclist elements, and other features such as seating, lighting (in accordance with AS 4282-1997 Control of the Obtrusive Effect of Outdoor Lighting), fencing, and signs; <p>The Plan shall be submitted for the approval of the Secretary prior to the commencement of permanent built works and/ or landscaping, unless otherwise agreed by the Secretary.</p>	X	X	Conditional approval of UDLP granted on 26/07/17. Approval allows for commencement of works. UDLP to be approved prior to commencement of permanent built works.	C			
Compliance Monitoring and Tracking								
C4	<p>The Applicant shall prepare and implement a Compliance Tracking Program, to track compliance with the requirements of this approval. The Program shall be submitted to the Secretary for approval prior to the commencement of construction and operate for the duration of construction.</p> <p>The Program shall include, but not be limited to:</p> <ul style="list-style-type: none"> a) provision for the notification to the Secretary prior to the 	X	X	Compliance Tracking Program approved by DP&E on 04/05/17. IMEX No 1 PCCR dated 19/6/17 and this audit report are relevant to compliance with this condition	C	O		

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	commencement of construction; b) provision for periodic review of the compliance status of the SSD against the requirements of this approval; c) provision for periodic reporting of compliance status to the Secretary, including but not limited to: (i) a Pre-Construction Compliance Report prior to the commencement of construction, (ii) Six-monthly, or other timing as agreed by the Secretary, Construction Compliance Reports, for the duration of construction, and (iii) a Completion Compliance Report within one month of completion of the construction; d) a program for independent environmental auditing in accordance with AS/NZS ISO 19011:2014 - Guidelines for Auditing Management Systems; e) mechanisms for recording environmental incidents during construction and actions taken in response to those incidents; f) provision for reporting environmental incidents to the Secretary during construction, in accordance with conditions C6 and C7; g) procedures for rectifying any non-compliance identified during environmental auditing, review of compliance or incident management; and h) provision for ensuring all employees, contractors and sub-contractors are aware of, and i) comply with, the conditions of this approval relevant to their respective activities.			Arcadis was present during the 20/06/18 audit and actively tracks compliance for the IMEX project. This audit forms part of the compliance tracking program. It is noted that CoC D4(f) incorrectly references CoCs C6 and C7. These should reference CoC E10 and E11.				
Contamination								
C5	Prior to the commencement of construction of the rail link within the Glenfield Waste Facility licenced premises, the Applicant shall prepare an assessment report of the proposed impacts of construction on the Glenfield Waste Facility licenced premises. The assessment must address: a) Targeted intrusive investigations to determine contamination pathways and to develop mitigation, management and/or remediation options based on those investigations; b) details of the quantity of landfilled waste to be removed, the location from where it will be removed, the methodology to be utilised and the estimated timeframe for the removal and reburial; c) proposed measures to mitigate odour impacts on sensitive receivers,	X		Relevant to RALP works				NT

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	<p>including an undertaking to apply daily cover to any exposed waste in accordance with benchmark technique 33 of the document Environmental Guidelines: Solid Waste Landfills, NSW EPA 1996;</p> <p>d) details of impacts on pollution control and monitoring systems including existing groundwater and landfill gas bores and their subsequent repair/ replacement;</p> <p>e) the methodology proposed to ensure that the landfill barrier system disturbed in the removal process is replaced/ repaired to ensure its ongoing performance.</p> <p>The Applicant shall detail matters such as sub grade preparation and specifications, liner installation/ reinstallation procedures and construction quality assurance (CQA) procedures;</p> <p>f) a commitment to providing the EPA with a construction quality assurance report within 60 days of the completion of the works referred to in (d) above; and</p> <p>g) an overview of any access and/or materials/ equipment storage arrangements with Glenfield Waste Facility in relation to the construction of the project, and operation and maintenance of the rail link.</p> <p>h) details of any other expected or potential impacts to the licensed area and options for management and mitigation of those impacts (i.e. leachate management and surface water runoff, potential impacts on the Georges River during works, dust etc.); and</p> <p>i) details of and proposed mitigation measures for the long term management of the rail link (e.g. subsidence or gas issues).</p> <p>The Applicant must provide the assessment report to the EPA for review and approval at least 6 weeks prior to the commencement of construction. A copy must also be submitted to the Secretary for information. No works are permitted to commence within the Glenfield Waste Facility licenced premises without the EPA's written approval, unless otherwise agreed by the Secretary.</p>							
C6	The Applicant shall prepare construction design plans for the section of the rail link within the Glenfield Waste Facility licenced premises in consultation with the EPA, and submit for the approval of the Certifying Authority prior to the commencement of construction, unless otherwise agreed by the Secretary. A copy must be provided to the Secretary for information.	X		Relevant to RALP works.				NT

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C7	The approved works (including any excavation required for remediation) must not occur below 5 metres AHD and lower the water table below 1m AHD on adjacent class 1, 2, 3, 4 lands in accordance with the Liverpool Local Environmental Plan 2008.	X	X	PASS is not known to be present on the IMEX No 1 site				NT
C8	The subject site is to be remediated in accordance with: a) The approved Remedial Action Plan; b) State Environmental Planning Policy No. 55 - Remediation of Land; and c) The guidelines in force under the Contaminated Land Management Act. Amendments to the approved Remedial Action Plan required as a result of further site investigations must be approved by the site auditor, in consultation with the EPA. Within 3 months after the completion of the remediation works, a notice of completion, including a validation and/or monitoring report is to be provided to the Secretary. This notice must be consistent with State Environmental Planning Policy No. 55 - Remediation of Land. The validation and/or monitoring report is to be independently audited and a Site Audit Statement Issued. The audit is to be carried out by an independent auditor accredited by the EPA. Any conditions recorded on the Site Audit Statement are to be complied with.	X		Site Audit Statement Part A dated 12/10/16 issued for the IMEX No 1 and surrounding site by JBS&G No additional works requiring RAP.	C			
Soil, Water Quality and Hydrology								
C9	The design of any new stormwater outlets to the Georges River or Anzac Creek must include scour protection works.	X		Applicable to RALP works				NT
C10	Prior to the commencement of construction the Applicant shall consider the staging of in-water works for the bridge construction across the Georges River to avoid the impact on the migration season of Australian Bass.	X		Applicable to RALP works				NT
C11	Prior to the commencement of the bridge construction works across the Georges River, the Applicant must consider if possible, restricting the use of the temporary platform to only one, and be designed to maintain fish passage. The Applicant must consult with DPI Fisheries with regard to the platform and its design prior to constructing the platform in the Georges River.	X		Applicable to RALP works				NT

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		PRINCIPAL	CONTRACTOR		C	O	NC	NT
C12	The Applicant is to ensure that a daily visual inspection for dead or distressed fish in the Georges River is undertaken. Fish distress is indicated by fish gasping at the water surface, or crowding at the creek's banks. Should dead or distressed fish be observed, all works are to cease and DPI Fisheries is to be contacted immediately. Works can proceed following approval by DPI Fisheries.	X		Applicable to RALP works				NT
Heritage								
C13	Prior to the commencement of construction activities affecting the WWII store buildings, the Applicant shall complete all archival recordings. This work shall be undertaken by an experienced heritage consultant, in accordance with the guidelines issued by the Heritage Council of NSW. Within 6 months of completing this work, the Applicant shall submit a report containing archival recordings to the Secretary, Certifying Authority, the Heritage Council of NSW, Liverpool Council and the local Historical Society.	X		Photographic archival recording was undertaken on the 18 and 19 January 2017. Files provided to stakeholders 05/07/17.	C			
C14	Prior to the commencement of construction activities affecting the WWII store buildings, the Applicant shall prepare a Heritage Interpretation Strategy, in consultation with the Heritage Division. The Strategy shall be submitted for the approval of the Secretary with a copy provided to the Certifying Authority.	X		Approved Heritage Interpretation Strategy on Project website HIS	C			
C15	Prior to the commencement of pre-construction and construction activities affecting Aboriginal site MA14, the Applicant shall: a) develop a detailed salvage strategy, prepared in consultation with OEH (Aboriginal heritage) and the Aboriginal stakeholders. The investigation program shall be prepared to the satisfaction of the Secretary; and b) undertake any further archaeological excavation works recommended by the results of the Aboriginal archaeological investigation program. Within twelve months of completing the above work, unless otherwise agreed by the Secretary, the Applicant shall submit a report containing the findings of the excavations, including artefact analysis and Aboriginal Site Impacts Recording Forms (ASIR), and the identification of final storage location for all Aboriginal objects recovered (testing and salvage), prepared in consultation with the Aboriginal stakeholders, the OEH (Aboriginal heritage) and to the satisfaction of the Secretary.	X		Applicable to RALP				NT

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		PRINCIPAL	CONTRACTOR		C	O	NC	NT
	Note: where archaeological testing has occurred as part of the Environmental Assessment and the results are included in the documents listed in condition A1 the sites tested must still form part of the final report prepared under C16(b).							
Utilities and Services								
C16	Utilities, services and other infrastructure potentially affected by construction and operation shall be identified prior to construction to determine requirements for access to, diversion, protection, and/or support. Consultation with the relevant owner and/or provider of services that are likely to be affected by the construction shall be undertaken to make suitable arrangements for access to, diversion, protection, and/or support of the affected infrastructure as required. The cost of any such arrangements shall be borne by the Applicant, or as otherwise agreed between the parties.	X	X	The PCCR states that Section 6 of the Services & Utilities Design Report outlines requirements to engage utility and service providers in accordance with this condition. As a result, consultation with relevant land and asset owner or service provider was undertaken during detailed design to determine appropriate upgrades to the existing infrastructure. Access requirements and further engagement with owners and providers will be undertaken during construction phase of the project.	C			
Pre-Construction Dilapidation Report								
C17	The Applicant shall engage a suitably qualified person to prepare a pre-construction dilapidation report prior to the commencement of construction. This report to ascertain the structural condition of: a) local public roads likely to be used by the project's construction traffic identified in the Construction Traffic and Access Management Sub-plan required under condition E35(a). b) local public roads, cycle ways, footpaths and other utilities identified in the Construction Traffic and Access Management Sub-Plan required under condition E35(a). The report shall be submitted to the satisfaction of the Certifying Authority and a copy is to be forwarded to Campbelltown City Council, Liverpool City Council, RMS and the Secretary.	X		Dilapidation reports completed for Moorebank Avenue, Cambridge Avenue and roadways and roundabouts. These are available at http://simta.com.au/mpe/ and these were approved by McKenzie Group on 11/4/17	C			

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C18	The Applicant shall undertake road pavement deflection testing of the construction truck routes at 20 metre intervals along all wheel paths where feasible and reasonable to the extent required by Condition E35 (a), prior to commencement of construction.	X		Road Pavement Deflecting Testing Report completed April 2017, data plots show deflection testing intervals.	C			
C19	The Applicant shall ensure that the construction and operation of the proposed development will not prevent the existing use of Moorebank Avenue as a public road to a standard commensurate to its current use prior to the development. Note: temporary closures or part closures and changes to the operation of Moorebank Avenue may occur for limited periods during construction as detailed in the Construction Traffic Management Plan	X	X	CTAMP approved by DPE on 9/05/17 and available on website. The CTAMPs outline this commitment. Moorebank Avenue standard is being maintained.	C			
Biodiversity								
C20	The Applicant shall ensure the width of the rail link corridor is no greater than 20 metres in the Riparian corridor of the Georges River and Anzac Creek.	X		Applicable to RALP				NT
C21	The Georges River Bridge shall be designed to ensure fauna movement within the riparian corridor is maintained. The bridge shall be designed in consultation with DPI Water and approved by the Certifying Authority. A copy of the final design shall be submitted to the Secretary for information and made available on the Project Website.	X		Applicable to RALP				NT
C22	The Applicant shall prepare and implement a 'Threatened Dragonfly Species Survey Plan' to determine the presence or absence of threatened dragonfly species listed under the Fisheries Management Act 1994 on the Georges River, adjacent to the development site. The plan, including survey methodology, shall be prepared in consultation with DPI Fisheries prior to the commencement of construction. On implementing the plan, the survey results are to be forwarded onto DPI Fisheries. Should threatened dragonfly species be found at this site, DPI Fisheries should be contacted to agree on possible mitigation measures to avoid impacts in accordance with NSW DPI Policy and Guidelines for Fish Habitat Conservation and Management (2013).	X		Applicable to RALP				NT

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		PRINCIPAL	CONTRACTOR		C	O	NC	NT
Transport and Access								
C23	Prior to the commencement of clearing within the railway corridor between the southern boundary of the terminal site and the eastern side of the approved Moorebank Avenue Bridge, the Applicant must prepare and implement a Hibbertia Species Survey Plan to determine the number of individual plants of each Hibbertia species present within the corridor and confirm that the required quantum of biodiversity offset credits needed to provide an offset for the surveyed number of individual plants of each Hibbertia species can be achieved. The survey plan, including the survey method, must be prepared in consultation with OEH to the satisfaction of the Secretary. Results of the survey must be included in the Biodiversity Offset Package required by C23A.	X	X					
C23A	<p>Prior to the commencement of clearing within the railway corridor between the southern boundary of the terminal site and the eastern side of the approved Moorebank Avenue Bridge, the Applicant shall develop and implement a Biodiversity Offset Package to the satisfaction of the Secretary. The Package shall detail how the ecological values lost as a result of the SSD will be offset. The Package shall be consistent with the NSW Biodiversity Offsets Policy for Major Projects (OEH 2014), unless otherwise agreed by the Secretary.</p> <p>The Package shall include, but not necessarily be limited to:</p> <ul style="list-style-type: none"> (a) the identification of the extent and types of habitat that would be lost or degraded as a result of the final design of the SSD; (b) the objectives and biodiversity outcomes to be achieved; (c) the final suite of the biodiversity offset measures selected and secured in consultation with OEH; (d) the management and monitoring requirements for compensatory habitat works and other biodiversity offset measures proposed to ensure the outcomes of the package are achieved, including: (e) the monitoring of the condition of species and ecological communities at offset (including translocation) locations; (f) the method for the monitoring program(s), including the number and location of offset monitoring sites, and the sampling frequency at these sites; (g) provisions for the annual reporting of the monitoring results for a set period of time as determined in consultation with the OEH; and (h) timing and responsibilities for the implementation of the 	X		<p>Section 2.17 of the Permit to Clear Land or Vegetation (Attachment H of Flora and Fauna Management Plan) stating clearing is not to commence in this area until the biodiversity offset package has been accepted to the satisfaction of the Secretary.</p> <p>The interim Biodiversity Offset Package Report was approved by DP&E on 14/12/17.</p>	C			

CoC No	Condition of Approval Requirement	RESPONSIBILITY		Comments, observations, discussion Evidence, supporting documentation	Audit Outcome (See footer for key)			
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	<p>provisions of the Package</p> <p>The Approved Biodiversity Offset Package shall be published on the Project Website within 7 days of its approval.</p> <p>Where land offsets cannot solely achieve compensation for the loss of habitat, additional measures shall be provided to collectively deliver an improved or maintained biodiversity outcome for the region. Where monitoring referred to in (e) above indicates that biodiversity outcomes are not being achieved, remedial actions shall be undertaken to ensure that the objectives of the Biodiversity Offset Package are achieved to the satisfaction of the Secretary. Such remedial actions shall be documented under an addendum to the Biodiversity Offset Package and the addendum be submitted to the satisfaction of the Secretary, prior to the implementation of that addendum.</p> <p>If the applicant can demonstrate to the satisfaction of the Secretary that the proposed offset land for between the southern boundary of the terminal site and the eastern side of the approved Moorebank Avenue Bridge has been secured, the Applicant shall within 12 months of the commencement of construction develop and implement the Biodiversity Offset Package to the satisfaction of the Secretary in accordance with items (a)-(h) above.</p> <p>Note: Where the Applicant has opted to develop a consolidated Biodiversity Offset Package covering both the Moorebank Intermodal Terminal (SSD 5066) and SIMTA sites, this must be submitted to the Secretary within 12 months of submitting the initial Biodiversity Offset Package in accordance with this condition unless otherwise agreed by the Secretary.</p>							
C23B	<p>The Applicant shall:</p> <p>(a) remove the disused rail spur traversing the Southern Boot Land and remediate and rehabilitate the land containing the disused rail spur traversing the Southern Boot Land, which is identified in blue dotted outline on Attachment A to these conditions titled "Figure 1 – Wattle Grove Offset Area"; and</p> <p>(b) once remediation of the disused rail spur is complete, apply within 2 months of completion of the remediation to amend the biobanking agreement to incorporate the land shaded yellow on Attachment A to these conditions titled "Figure 1 – Wattle Grove Offset Area"; and Prior to the commencement of clearing between the southern boundary of the terminal site and the eastern side of the approved Moorebank</p>	X						

CoC No	Condition of Approval Requirement	RESPONSIBILITY		Comments, observations, discussion Evidence, supporting documentation	Audit Outcome (See footer for key)			
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	<p>Avenue Bridge, the Applicant shall develop and implement a Biodiversity Offset Package to the satisfaction of the Secretary. The Package shall detail how the ecological values lost as a result of the SSD will be offset. The Package shall be consistent with the NSW Biodiversity Offsets Policy for Major Projects (OEH 2014), unless otherwise agreed by the Secretary.</p> <p>(c) apply within 2 months of the issue of the biobanking agreement to amend the biobanking agreement to incorporate the land shaded red on Attachment A to these conditions titled "Figure 1 – Wattle Grove Offset Area". Nothing in this condition requires the Applicant to amend the biobanking agreement application lodged with OEH in February 2017.</p>							
C24	<p>Prior to the commencement of construction, the Applicant shall undertake a Road Safety Audit in consultation with TfNSW and the relevant Council for the proposed construction vehicle access points on public roads. The audit shall be undertaken by an independent TfNSW accredited road safety auditor in accordance with the relevant Austroads guidelines to identify any safety issues for the proposed construction vehicle access. The audit shall recommend corrective actions for any identified safety issues and propose appropriate traffic management measures (i.e. temporary traffic signals).</p>	X		<p>The PCCR states that a road safety audit was undertaken on 4/4/17 and consultation with LCC and TfNSW concluded on 15/5/17. The Road Safety Audit Report refers to the condition and makes recommendations in relation to road safety issues.</p>	C			
C25	<p>The design of new traffic signals (including modification of existing traffic signals) along Moorebank Avenue shall be designed to meet RMS requirements, Austroads Guide to Road Design and relevant RMS supplements (available on www.rms.nsw.gov.au). Plans shall be and prepared in consultation with RMS, be submitted to the satisfaction of the Certifying Authority and provided to the Secretary for information.</p>	X		<p>Design in progress and subject of meeting held between Tactical Group design team and RMS on 20/12/17. Design submitted to PCA 31/03/18. Approval pending.</p>	C			
C26	<p>The design of new traffic signals (including modification of existing traffic signals) along Moorebank Avenue shall be designed to meet RMS requirements, Austroads Guide to Road Design and relevant RMS supplements (available on www.rms.nsw.gov.au).</p>	X	X	<p>As above.</p>	C			

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C27	The Applicant shall design the rail link to accommodate the installation of trackside noise barriers for the full length of the rail link in the event they may be required at some future time to comply with the project specific noise levels.	X	X	NT RALP				NT
PART D COMMUNITY INFORMATION AND REPORTING								
Community Communication Strategy								
D1	<p>Prior to the commencement of construction, or as otherwise agreed by the Secretary, the Applicant shall prepare and implement a Community Communication Strategy to the satisfaction of the Secretary. The Strategy shall provide mechanisms to facilitate communication between the Applicant (and its contractor(s)), the Environmental Representative (see condition E4), the relevant Council and community stakeholders (particularly adjoining landowners) on the design and environmental management of construction. The Strategy shall include, but not be limited to:</p> <p>a) identification of stakeholders to be consulted as part of the Strategy, including affected and adjoining landowners, key community and business groups, and community and social service organisations;</p> <p>b) procedures and mechanisms for the regular distribution of accessible information to community stakeholders on construction progress and matters associated with environmental management, including provision of information in appropriate community languages;</p> <p>c) procedures and mechanisms through which the community stakeholders can discuss or provide feedback to the Applicant and/or Environmental Representative in relation to the environmental management and delivery of the SSD;</p> <p>d) procedures and mechanisms through which the Applicant can respond to enquiries or feedback from the community stakeholders in relation to the environmental management and delivery of the SSD;</p> <p>e) and procedures and mechanisms that would be implemented to resolve issues/disputes that may arise between parties on the matters relating to environmental management and the delivery of the SSD, including but not limited to disputes regarding rectification or compensation for impacts to third party property and infrastructure. These procedures and mechanisms may include the use of a suitably qualified and experienced independent mediator.</p>	X		Community Communication Strategy, addressing the requirements of this condition was approved by DP&E on 11/5/17.	C			

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Complaints and Enquiries Procedure								
D2	<p>Prior to the commencement of construction, or as otherwise agreed by the Secretary, the Applicant shall ensure that the following are available for community enquiries and complaints for the duration of construction:</p> <p>a) a 24 hour telephone number(s) on which complaints and enquiries about the SSD may be registered;</p> <p>b) a postal address to which written complaints and enquires may be sent;</p> <p>c) an email address to which electronic complaints and enquiries may be transmitted; and</p> <p>d) a mediation system for complaints unable to be resolved.</p> <p>The telephone number, the postal address and the email address shall be published in newspaper(s) circulating in the local area prior to the commencement of construction and prior to the commencement of operation. This information shall also be provided on the website (or dedicated pages) required by this approval.</p>	X		<p>24hr info line 1800 986 465 www.simta.com.au simta@elton.com.au PO Box 1488 Bondi Junction NSW 2022.</p> <p>Section 7 of the Community Communication Strategy details procedures for enquiries and complaints.</p> <p>A newsletter was distributed to 10000 residents in July, September and November 2016 outlining the current status of the Moorebank Precinct. The newsletters include project contact details.</p> <p>Advertisements were included in local newspapers in June 2017.</p> <p>Construction has commenced.</p>	C			
D3	<p>Prior to the commencement of construction, or as otherwise agreed by the Secretary, the Applicant shall prepare and implement a Construction Complaints Management System consistent with AS ISO 100022006 Customer satisfaction - Guidelines for complaints handling in organisations (ISO 10002:2004, MOD) and maintain the System for the duration of construction and up to 12 months following completion of construction.</p> <p>Information on all complaints received, including the means by which they were addressed and whether resolution was reached, with or without mediation, shall be maintained in a complaints register and included in the construction compliance reports required by this approval. The information contained within the System shall be made available to the Secretary on request.</p>	X		<p>Section 7 of the Community Communication Strategy details procedures for enquiries and complaints, consistent with ISO 10002.</p> <p>Construction commenced.</p> <p>Sighted complaints register 01/06/17 – 17/06/2018.</p> <p>The information required to be captured was included in the register.</p>	C			
Provision of Electronic Information								

CoC No	Condition of Approval Requirement	RESPONSIBILITY		Comments, observations, discussion Evidence, supporting documentation	Audit Outcome (See footer for key)			
		PRINCIPAL	CONTRACTOR		C	O	NC	NT
D4	<p>Prior to commencement of construction, or as otherwise agreed by the Secretary, the Applicant shall establish and maintain a new website, or dedicated pages within an existing website, for the provision of electronic information associated with the SSD, for the duration of construction. The Applicant shall, subject to confidentiality, publish and maintain up-to-date information on the website or dedicated pages including, but not necessarily limited to:</p> <p>a) information on the current implementation status of the SSD; b) a copy of the documents listed in condition A1, and any documentation supporting modifications to this approval that may be granted from time to time; c) a copy of this approval and any future modification to this approval; d) a copy of each relevant environmental approval, licence or permit required and obtained in relation to the SSD; e) the outcomes of compliance tracking in accordance with condition C4 of this approval; and f) details of any contact point(s) to which community complaints and enquiries may be directed, including a telephone number, a postal address and an email address real time noise, dust and water data, where such data is collected under this consent</p>	X		<p>Sighted the website http://simta.com.au/mpe/ and http://simta.com.au/contact-us/</p> <p>The required information is present. No real-time environment data is required to be captured at this stage of the project.</p>	C			
PART E CONSTRUCTION ENVIRONMENTAL MANAGEMENT								
Approved Plans to be On-site								
E1	<p>A copy of the approved and certified plans, specifications and documents incorporating conditions of approval and certification shall be kept on the site at all times and shall be readily available for perusal by any officer of the Department, relevant Council or the Certifying Authority.</p>	X	X	<p>Approved and certified plans, specifications and documents incorporating conditions of approval and certification were readily available at the time of the audit.</p>	C			
Site Notice								
E2	<p>A site notice(s) shall be prominently displayed at the boundaries of the site for the purposes of informing the public of project details including, but not limited to the details of the Contractor, Certifying Authority and Structural Engineer. The notice(s) is to satisfy all but not be limited to, the following requirements:</p> <p>a) Minimum dimensions of the notice are to measure 841mm x 594mm (A1) with any text on the notice to be a minimum of 30 point type size;</p>		X	<p>A site notice was observed at the site gate.</p>	C			

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		PRINCIPAL	CONTRACTOR		C	O	NC	NT
	<p>b) The notice is to be durable and weatherproof and is to be displayed throughout the works period;</p> <p>c) The approved hours of work, the name of the site/project manager, the responsible managing company (if any), its address and 24 hour contact phone number for any inquiries, including construction/noise complaint are to be displayed on the site notice; and</p> <p>The notice(s) is to be mounted at eye level on the perimeter hoardings/fencing and is to state that unauthorised entry to the site is not permitted.</p>							
Contact Telephone Number								
E3	The Applicant shall ensure that the 24 hour contact telephone number is continually attended by a person with authority over the works for the duration of the development.	X	X	24hr info line 1800 986 465 managed by Elton consulting whom communicates with relevant parties.	C			
Environmental Representative								
E4	<p>Prior to the commencement of construction, or as otherwise agreed by the Secretary, the Applicant shall appoint a suitably qualified and experienced Environmental Representative(s) that is independent of the design and construction personnel, and that has been approved by the Secretary. The Applicant shall employ the Environmental Representative(s) for the duration of construction of this stage, or as otherwise agreed by the Secretary. The Environment Representative(s) shall:</p> <p>a) be the principal point of advice in relation to the environmental performance of construction;</p> <p>b) monitor the implementation of environmental management plans and monitoring programs required under this approval and advise the Applicant upon the achievement of these plans/programs;</p> <p>c) have responsibility for considering, and advising the Applicant on, matters specified in the conditions of this approval, and other licences and approvals related to the environmental performance and impacts of construction;</p> <p>d) ensure that environmental auditing is undertaken in accordance with the Applicant's Environmental Management System(s);</p> <p>e) be given the authority to approve/reject minor amendments to the Construction Environment Management Plan. What constitutes a</p>	X		<p>Environmental Representative appointed for the project and was in attendance for the audit.</p> <p>Sighted quarterly reports for March to May 2018, including inspections undertaken.</p>	C			

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	"minor" amendment shall be clearly explained in the Construction Environment Management Plan; f) be given the authority and independence to require reasonable steps be taken to avoid or minimise unintended or adverse environmental impacts; and g) be consulted in responding to the community concerning the environmental performance of construction where the resolution of points of conflict between the Applicant and the community is required.							
E5	The Environmental Representative shall prepare and submit to the Secretary a quarterly report on the Environmental Representative's actions and decisions on matters specified in condition E4. The reports shall be submitted within seven (7) days for the end of each quarter for the duration of construction, or as otherwise agreed by the Secretary. Notwithstanding, the Environmental Representative shall be given the independence to report to the Secretary at any time and/or at the request of the Secretary.	X		Sighted quarterly reports for March to May 2018, including inspections undertaken.	C			
Construction Soil and Water Management								
E6	Soil and water management measures consistent with Managing Urban Stormwater - Soils and Construction Vols 1 and 2, 4th Edition (Landcom, 2004) shall be employed during construction to minimise soil erosion and the discharge of sediment and other pollutants to land and/or waters.	X	X	Site inspection on 20/06/18 provided evidence of good ERSED controls including stormwater diversion and sediment basins. Sighted ERSED plan dated 15/12/17.	C			
E7	Construction shall be undertaken to comply with section 120 of the Protection of the Environment Operations Act 1997, which prohibits the pollution of waters.	X	X	As above.	C			
Bunding								
E8	The Applicant shall store all chemicals, fuels and oils used on-site in appropriately banded areas in accordance with the requirements of all relevant Australian Standards, and/or EPA's Storing and Handling Liquids: Environmental Protection - Participants Handbook.	X	X	Sighted dangerous goods shed and laydown area on 20/06/18. No issues.	C			
Riparian Corridor Works								

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		PRINCIPAL	CONTRACTOR		C	O	NC	NT
E9	All activities taking place in, on or under waterfront land, as defined in the Water Management Act 2000 should be conducted generally in accordance with the NSW Office of Water's Guidelines for Controlled Activities.	X		Applicable to RALP				NT
Incident Reporting								
E10	The Applicant shall notify the Secretary and relevant public authorities of any incident with actual or potential significant on-site or off-site impacts on human health or the biophysical environment within 24 hours of becoming aware of the incident. The Applicant shall provide full written details of the incident to the Secretary within seven days of the date on which the incident occurred. Note: Where an incident also requires reporting to the EPA and/or OEHL, the incident report prepared for the purposes of notifying the EPA and/or OEHL would meet this requirement.	X	X	No incidents with actual or potential significant on-site or off-site impacts on human health or the biophysical environment.	C			
E11	The Applicant shall meet the requirements of the Secretary or relevant public authority (as determined by the Secretary) to address the cause or impact of any incident, as it relates to this approval, reported in accordance with condition E10, within such period as the Secretary may require.	X	X	No incidents reported under E10				NT
Heritage								
E12	The Applicant shall not harm, modify or otherwise impact any heritage items outside the subject site.		X	No heritage items outside the project boundary have been encountered.				NT
Dangerous goods								
E13	Dangerous goods, as defined by the Australian Dangerous Goods Code, shall be stored and handled strictly in accordance with: a) all relevant Australian Standards; b) for liquids, a minimum bund volume requirement of 110% of the volume of the largest single stored volume within the bund; and		X	Sighted dangerous goods shed and laydown area on 20/06/18. No issues.	C			

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	c) the Environment Protection Manual for Authorised Officers: Bunding and Spill Management, technical bulletin (Environment Protection Authority, 1997). In the event of an inconsistency between the requirements listed from a) to c) above, the most stringent requirement shall prevail to the extent of the inconsistency.							
Dust Management								
E14	The Applicant shall carry out all feasible and reasonable measures to minimise dust generated by the Development.		X	The IMEX No 1 Air Quality Management Plan outlined measures to minimise dust generated by the development. Sighted: <ul style="list-style-type: none"> - Water cart and street sweeper in operation 20/06/18. - Induction Rev6 with dust minimisation included. - Toolbox talk 30/05/18, dust included. 	C			
E15	During construction, the Applicant shall ensure that all loaded vehicles entering or leaving the site have their loads covered; and all loaded vehicles leaving the site are cleaned of dirt, sand and other materials before they leave the site, to avoid tracking these materials on public roads.		X	The project Air Quality Management Plan outlined measures to minimise dust generated by the development. No material tracking on public roads sighted 20/06/18. Sighted prestarts 11/01/18, 28/02/18, and toolbox 06/03/18, cover tracking of material.	C			
Waste Management								
E16	The reuse and/or recycling of waste materials generated on site shall be maximised as far as practicable, to minimise the need for treatment or disposal of those materials off site.		X	Sighted Project induction rev5, which includes waste recycling and correct disposal.	C			

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				Sighted waste register current to May 2018. Sighted waste classification report for May 2018. Sighted tip dockets 15/01/18.				
E17	All liquid and/or non-liquid waste generated on the site shall be assessed and classified in accordance with Waste Classification Guidelines (Department of Environment, Climate Change and Water 2009).		X	Sighted waste register current to May 2018. Sighted waste classification report for May 2018. Sighted tip dockets 15/01/18.	C			
E18	All waste materials removed from the subject site shall only be directed to a waste management facility or premises lawfully permitted to accept the materials.		X	Sighted waste register current to May 2018. Sighted waste classification report for May 2018. Sighted tip dockets 15/01/18.	C			
Construction Hours								
E19	Construction shall be undertaken during the following standard construction hours: a) 7:00am to 6:00pm Mondays to Fridays, inclusive; and b) 8:00am to 1:00pm Saturdays; at no time on Sundays or public holidays.		X	The CNVMP includes this requirement. Sighted induction Rev 6. Hours of operation are specified. - Sighted OOHW application 17/05/18, includes mitigation measures, noise impact assessment, identification of source and receivers.	C			
E20	Activities resulting in a high noise impact shall only be undertaken: a) between the hours of 8:00 am to 5:00 pm Monday to Friday; b) between the hours of 8:00 am to 1:00 pm Saturday; and c) in continuous blocks not exceeding three hours each with a minimum respite from those activities and works of not less than one hour between each block. For the purposes of this condition, 'continuous' includes any period during which there is less than a one hour respite between ceasing and recommencing any of the work the subject of this condition.		X	The CNVMP includes this requirement. Sighted induction Rev 6. Hours of operation are included. No activities resulting in high noise impact have occurred. Whilst the induction includes standard hours of works, there does not appear to be any communication to the	C	O		

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				workforce on further restrictions on high noise impact activities.				
E21	<p>Notwithstanding conditions E20 and E21, works may be undertaken outside the hours specified under those conditions in the following circumstances:</p> <p>a) construction works that cause LAeq (15 minute) noise levels that are:</p> <p>No more than 5 dB above rating background level at any residence in accordance with the Interim Construction Noise Guideline (DECC, 2009); and</p> <p>No more than the noise management levels specified in Table 3 of the Interim Construction Noise Guideline (DECC, 2009) at other sensitive land uses; or</p> <p>b) for the delivery of materials required by the police or other authorities for safety reasons; or</p> <p>c) where it is required in an emergency to avoid the loss of lives, property and/or to prevent environmental harm; or</p> <p>d) construction works approved through an Out-Of-Hours Work Protocol prepared as part of the Construction Noise and Vibration Management Plan required by condition E35(b), provided the relevant Council, local residents and other affected stakeholders and sensitive receivers are informed of the timing and duration at least 48 hours prior to the commencement of the works; or</p> <p>e) identified works approved by the Secretary.</p>		X	Sighted OOHW application 17/05/18, includes mitigation measures, noise impact assessment, identification of source and receivers.	C			
Construction Noise and Vibration								
E22	<p>The Applicant shall implement all feasible and reasonable noise mitigation measures with the aim of achieving the following construction noise management levels and vibration criteria:</p> <p>a) construction noise management levels established using the Interim Construction Noise Guideline (DECC 2009);</p> <p>b) vibration criteria established using the Assessing Vibration: a</p>		X	Mitigation measures defined in Noise and Vibration Management Plan which align with specified guidelines.	C			

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	<p>Technical Guide (DECC 2006) (for human exposure); and o) the vibration limits set out in the German Standard DIN 4150-3: Structural Vibration- effects of vibration on structures (for structural damage). Any construction activities identified as exceeding the construction noise management levels and/or vibration criteria shall be managed in accordance with the Construction Noise and Vibration Management Plan required by condition E35(b). Note: The Interim Construction Noise Guideline identifies 'particularly annoying' activities that require the addition of 5dB (A) to the predicted level before comparing to the construction Noise Management Level.</p>							
Construction Traffic Noise								
E23	<p>The Applicant is to ensure that construction vehicles operate so as to minimise any construction noise impacts from the construction site. Measures that could be used include toolbox talks, contracts that include provisions to deal with unsatisfactory noise performance for the vehicle and/or the operator, and specifying non-tonal movement alarms in place of reversing beepers or alternatives such as reversing cameras and proximity alarms, or a combination of these, where tonal alarms are not mandated by legislation.</p>		X	<p>Defined in Noise and Vibration Management Plan No non-tonal reverse beepers were observed during the site audit on 20/06/18. Sighted induction Rev 6. Mitigation measures specified, including use of dampeners.</p>	C			
E24	<p>No use of compression brakes shall be permitted for construction vehicles associated with construction in the vicinity of the subject site.</p>		X	<p>Defined in Noise and Vibration Management Plan. No issues observed on site on 20/06/18.</p>	C			
Review of Operational Sleep Disturbance Impacts								
E25	<p>The Applicant shall prepare a review of sleep disturbance impacts based on detailed design, including: a) An assessment of how often noise events occur, the time of day they occur and whether there are any times of day when there is a clear change in the noise environment; b) Confirm the operational sleep disturbance predictions identified in the documents listed under Condition A1; and Consider appropriate noise mitigation measures where required. The report shall be prepared in consultation with the EPA and be submitted to the satisfaction of the Secretary within 6 months of</p>	X		<p>Sighted DPE letter of acceptance dated 13/07/18.</p>	C			

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		PRINCIPAL	CONTRACTOR		C	O	NC	NT
	commencement of construction, unless otherwise agreed by the Secretary.							
Transport and Access								
E26	A Road Occupancy Licence (ROL) must be obtained from the Transport Management Centre (TMC) for any activity likely to impact on the operational efficiency of the road network, allowing the use of specified public road space at approved times. The Applicant must allow a minimum of 10 working days for processing from date of receipt and include a Traffic Control Plan with any application.		X	Sighted road safety audit 2018-PR-18-0269 (which includes TCPs), ROL and speed zone adjustment 26/04/18 – 31/05/18,	C			
E27	Construction shall be carried out, where feasible and reasonable, to avoid the use of local roads (through residential streets) by heavy vehicles to gain access to the site and/or ancillary facilities.		X	Defined in Construction Traffic and Access Management Plan and Project Induction and heavy vehicles primarily gain access to IMEX No 1 site from M4 via Moorebank Ave.	C			
E28	Construction vehicles (including staff vehicles) shall be managed to: a) minimise parking or queuing on public roads; b) minimise idling and queuing in local residential streets where practicable; c) adhere to the nominated haulage routes identified in the Construction Traffic and Access Management Plan required under condition E35(a); and ensure access and egress from construction compounds is undertaken in a safe and lawful manner.		X	Defined in Construction Traffic and Access Management Plan and Sighted in Project induction. IMEX No 1 site contains ample space for construction vehicle parking and queuing eliminating any need to queue outside the site. Haulage routes and parking locations are well defined on site. Induction Rev 6 includes brief statement on site entrance.	C			
E29	Safe pedestrian and cyclist access through or around worksites shall be maintained during construction. In circumstances where pedestrian and cyclist access is restricted due to construction activities, a satisfactory alternate route shall be provided and signposted, including provision of temporary footpaths where pedestrian access is		X	IMEX No 1 works do not currently extend onto public roads to the extent where pedestrian and cycle access would be restricted.	C			

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	reliant on grassed verges.							
E30	Access to all properties affected by the carrying out of construction shall be maintained, where feasible and reasonable, unless otherwise agreed by the relevant property owner or occupier. Any access physically affected by construction shall be reinstated to at least an equivalent standard, unless agreed with by the property owner.		X	IMEX No 1 works do not impact other private properties.				NT
Biodiversity								
E31	No threatened species or communities can be cleared other than that required for construction.		X	Threatened native vegetation is outside the limits of the IMEX No 1 site and clearly demarcated with No Go Zone flagging and fencing.	C			
E31A	Where any threatened flora species are to be cleared, individual plants of species suitable for translocation shall be considered for translocation into areas that have been identified as requiring rehabilitation within the Biodiversity Offset Package.	X	X	Refer above.	C			
E32	The existing mature trees located on the eastern side of Moorebank Avenue shown on Drawing LA01 (Landscape Master plan) dated 30.3.2015 shall be retained, unless where required to be removed for construction of a permanent access point to the terminal site. Trees to be retained shall be protected and maintained during preconstruction and construction activities in accordance with AS4970-2009 Protection of trees on development sites. Details of tree protection must be provided to the Certifying Authority prior to the commencement of construction.		X	TPZ sighted during inspection.	C			
Construction Environmental Management Plan								
E33	Prior to the commencement of construction, or as otherwise agreed by the Secretary, the Applicant shall prepare and implement a Construction Environmental Management Plan (CEMP). The CEMP is to be prepared in consultation with the EPA, OEH, DPI Water, DPI Fisheries, and the relevant Council, for the approval of the Secretary. The CEMP shall outline the environmental management practices and procedures that are to be followed during construction. The CEMP is to be prepared in accordance with the Guideline for the Preparation of	X		Approved CEMP on website. Implementation of CEMP evidenced through this audit and audit against CEMP & Sub plans Mitigation Measures (refer Appendix B).	C			



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	<p>Environmental Management Plans (Department of Infrastructure, Planning and Natural Resources, 2004). The Secretary shall consider the comments of the office of Strategic Lands in its consideration of the CEMP. The CEMP shall include, but not necessarily be limited to:</p> <ul style="list-style-type: none"> a) a description of activities to be undertaken during construction; b) statutory and other obligations that the Applicant is required to fulfil during construction, including approvals, consultations and agreements required from authorities and other stakeholders under key legislation and policies; c) a description of the roles and responsibilities for relevant employees involved in construction, including relevant training and induction provisions for ensuring that employees, including contractors and sub-contractors, are aware of their environmental and compliance obligations under these conditions of approval; d) an environmental risk analysis to identify the key environmental performance issues associated with construction; and <p>details of how environmental performance would be managed and monitored to meet acceptable outcomes, including what actions will be taken to address identified potential adverse environmental impacts. In particular, the following environmental performance issues shall be addressed in the CEMP:</p> <ul style="list-style-type: none"> (i) measures to monitor and manage dust emissions including dust from stockpiles, traffic on unsealed internal roads and materials tracking from construction sites onto public roads; (ii) measures for the handling, treatment and management of hazardous and contaminated materials (including asbestos); (iii) measures to monitor and manage waste generated during construction including but not necessarily limited to: general procedures for waste classification, handling, reuse, and disposal; use of secondary waste material in construction wherever feasible and reasonable; procedures or dealing with green waste including timber and mulch from clearing activities; and measures for reducing demand on water resources (including potential for reuse of treated water from sediment control basins); (iv) measures to monitor and manage hazard and risks; (v) measures to monitor and rectify any impacts to third party property and infrastructure, including details of the process for rectification or compensation of affected landowners, and timeframes for rectification works or compensation processes; and 							

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	<p>(vi) the issues identified in condition E34.</p> <p>The CEMP shall include procedures for its periodic review and update (including the sub-plans required under condition E35, as necessary (including where minor changes can be approved by the Environmental Representative).</p> <p>The CEMP shall be submitted for the approval of the Secretary no later than one month prior to the commencement of construction, or as otherwise agreed by the Secretary. The CEMP may be prepared in stages; however, construction shall not commence until written approval of the relevant stage has been received from the Secretary.</p> <p>The approval of a CEMP does not relieve the Applicant of any requirement associated with this approval. If there is an inconsistency with an approved CEMP and the conditions of this approval, the requirements of this approval shall prevail.</p>							
Construction Environmental Management Plan – Sub Plans								
E34	<p>As part of the CEMP for the SSD, the Applicant shall prepare and implement:</p> <p>a) a Construction Traffic and Access Management Plan to ensure traffic and access controls are implemented to avoid or minimise impacts on traffic, pedestrian and cyclist access, and the amenity of the surrounding environment.</p> <p>The Plan shall be developed in consultation with the relevant Council, emergency services, road user groups, and relevant pedestrian and bicycle user groups, and include, but not necessarily be limited to:</p> <p>(i) identification of construction traffic routes and construction traffic volumes (including heavy vehicle/spoil haulage) on these routes;</p> <p>(ii) details of vehicle movements for construction sites and ancillary facilities including parking, dedicated vehicle turning areas, and ingress and egress points; discussion of construction impacts that could result in disruption of traffic, public transport, pedestrian and cycle access, access to public land, property access, including details of oversize load movements, and the nature and duration of those impacts;</p> <p>(iii) discussion of construction impacts that could result in disruption of traffic, public transport, pedestrian and cycle access, access to public land, property access, including details of oversize load movements, and the nature and duration of those impacts;</p> <p>(iv) details of management measures to minimise traffic impacts,</p>	X		<p>Approved Construction Traffic and Access Management Plan on website CEMP</p> <p>Implementation evidenced through this audit and audit against CEMP & Sub plans Mitigation Measures (refer Appendix B).</p>	C			

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	including temporary road work traffic control measures, onsite vehicle queuing and parking areas and management measures to minimise peak time congestion and measures to ensure safe pedestrian and cycle access; (v) details of measures to maintain or provide alternative safe and accessible routes for pedestrians throughout the duration of construction; (vi) details of measures to maintain connectivity for cyclists, with particular emphasis on providing adequate access between key existing cycle routes for commuter cyclists; (vii) details of measures to manage traffic movements, parking, loading and unloading at ancillary facilities during out-of-hours work; (viii) details of methods to be used to communicate proposed future traffic changes to affected road users, pedestrians and cyclists, consistent with the Community Communication Strategy required under condition D1; (ix) an adaptive response plan which sets out a process for response to any traffic, construction or other incident; and (x) mechanisms for the monitoring, review and amendment of this plan.							
E34	b) a Construction Noise and Vibration Management Plan to detail how construction noise and vibration impacts will be minimised and managed. The Plan shall be consistent with the guidelines contained in the Interim Construction Noise Guidelines (Department of Environment and Climate Change 2009). The plan shall be developed in consultation with the EPA and shall include, but not be limited to: (i) identification of the work areas, site compounds and access points; (ii) identification of sensitive receivers and relevant construction noise and vibration goals applicable to the SSD and stipulated in the conditions above; (iii) details of construction activities and an indicative schedule for works, including the identification of key noise and/or vibration generating construction activities (based on representative construction scenarios, including at ancillary facilities) that have the potential to generate noise and/or vibration impacts on surrounding sensitive receivers, particularly residential areas; (iv) an Out-of-Hours Work Protocol for the assessment, management and approval of works outside of standard construction hours as defined in condition E19 of this approval, for the Secretary's approval.	X		Approved Noise and Vibration Management Plan available on website CEMP , it specifies how the plan meets the condition. Implementation evidenced through this audit and audit against CEMP & Sub plans Mitigation Measures (refer Appendix B).	C			

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		PRINCIPAL	CONTRACTOR		C	O	NC	NT
	<p>The Out-of-Hours Work Protocol must detail:</p> <p>a) assessment of out-of-hours works against the relevant noise and vibration criteria;</p> <p>b) detailed mitigation measures for any residual impacts (that is, additional to general mitigation measures), including extent of at receiver treatments; and</p> <p>c) proposed notification arrangements.</p> <p>(v) identification of feasible and reasonable measures proposed to be implemented to minimise and manage noise impacts (including construction traffic noise impacts), including, but not limited to, acoustic enclosures, erection of noise walls (hoardings) and respite periods;</p> <p>(vi) identification of feasible and reasonable procedures and mitigation measures to ensure relevant vibration criteria are achieved, including applicable buffer distances for vibration intensive works, use of low vibration generating equipment/ vibration dampeners or alternative construction methodology, and pre- and post- construction dilapidation surveys of sensitive structures where blasting and/ or vibration is likely to result in damage to buildings and structures (including surveys being undertaken immediately following a monitored exceedance of the criteria);</p> <p>(vii) a description of how the effectiveness of mitigation and management measures would be monitored during construction, clearly indicating how often this monitoring would be conducted, the locations where monitoring would take place, how the results of this monitoring would be recorded and reported, and, if any exceedance is detected, how any noncompliance would be rectified; and</p> <p>(viii) mechanisms for the monitoring, review and amendment of this plan</p>							
E34	<p>c) a Construction Heritage Management Plan to ensure construction impacts on Aboriginal and non-Aboriginal heritage will be appropriately avoided minimised and managed. The Plan shall be developed in consultation with OEH, the relevant Council, the NSW Heritage Council (for non-Aboriginal State heritage items) and the relevant Local Aboriginal Land Councils (for Aboriginal heritage), and include, but not necessarily be limited to:</p> <p>(i) in relation to Aboriginal Heritage:</p>	X		<p>Heritage Management Plan available on website CEMP, it specifies how the plan meets the condition.</p> <p>Implementation evidenced through this audit and audit against CEMP & Sub plans Mitigation Measures (refer Appendix B).</p>	C			

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	<p>a) details of management measures to be carried out in relation to Aboriginal heritage, including a detailed methodology and strategies for protection, monitoring, and conservation of sites and items;</p> <p>b) procedures for dealing with previously unidentified Aboriginal objects (excluding human remains), including cessation of works in the vicinity, assessment of the significance of the item(s) and determination of appropriate mitigation measures, including when works can re-commence, by a suitably qualified and experienced archaeologist in consultation with the Secretary and Aboriginal stakeholders, assessment of the consistency of any Aboriginal heritage impacts against the approved impacts of the SSD, and, where relevant, registration in the OEH's Aboriginal Heritage Information Management System (AHIMS) register;</p> <p>c) procedures for dealing with human remains, including cessation of works in the vicinity, notification of Secretary, NSW Police Force, OEH and Aboriginal stakeholders, and commitment to cease recommencing any works in the area unless authorised by the OEH and/or the NSW Police Force;</p> <p>d) heritage training and induction processes for construction personnel (including procedures for keeping records of inductions) and obligations under the conditions of this approval including site identification, protection and conservation of Aboriginal cultural heritage; and</p> <p>e) procedures for ongoing Aboriginal consultation and involvement for the duration of construction; and</p> <p>(ii) in relation to non-Aboriginal Heritage:</p> <p>a) identification of heritage items directly and indirectly affected by construction;</p> <p>b) consideration of methods to prevent damage to any retained heritage items, including:</p> <p>c) details of management measures to be implemented to prevent and minimise impacts on heritage items (including further heritage investigations, archival recordings and/or measures to protect unaffected sites during construction works in the vicinity);</p> <p>d) details of monitoring and reporting requirements for impacts on heritage items;</p> <p>e) procedures for dealing with previously unidentified heritage objects, (including cessation of works in the vicinity, assessment of the significance of the item(s) and determination of appropriate mitigation</p>							

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	measures including when works can re-commence by a suitably qualified and experienced archaeologist in consultation with the OEH, NSW Heritage Council and the Secretary, assessment of the consistency of any heritage impacts against the approved impacts of the SSD, and, where relevant, notification of the Heritage Council of NSW in accordance with section 146 of the Heritage Act 1977; and f) heritage training and induction processes for construction personnel (including procedures for keeping records of inductions and obligations under this approval including site identification, protection and conservation of non-Aboriginal cultural heritage; and (iii) mechanisms for the monitoring, review and amendment of this plan.							
E34	d) a Construction Flora and Fauna Management Plan to detail how impacts on ecology (as detailed in the most recent mapping endorsed by OEH) will be minimised and managed. The Plan shall be developed by a suitably qualified and experienced ecologist and in consultation with the OEH, and shall include, but not necessarily be limited to: (i) plans for impacted and adjoining areas showing vegetation communities; important flora and fauna habitat areas; locations where threatened species, populations or ecological communities have been recorded; including pre-clearing surveys to confirm the location of threatened flora and fauna species and associated habitat features; (ii) the identification of areas to be cleared and details of management measures to avoid residual habitat damage or loss and to minimise or eliminate time lags between the removal and subsequent replacement of habitat such as: a) clearing minimisation procedures (including fencing), b) clearing procedures (including nest box plan), c) removal and relocation of fauna during clearing, d) habitat tree management, and e) construction worker education; (iii) rehabilitation details, including identification of flora species and sources, and measures for the management and maintenance of rehabilitated areas; (iv) a Weed Management Strategy, incorporating weed management measures focusing on early identification of invasive weeds and effective management controls (including for those related to aquatic and riparian zones); (v) a description of how the effectiveness of these management measures would be monitored;	X		Flora and Fauna Management Plan available on website CEMP , it specifies how the plan meets the condition. Implementation evidenced through this audit and audit against CEMP & Sub plans Mitigation Measures (refer Appendix B).	C			

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	(vi) a procedure for dealing with unexpected EEC/ threatened species identified during construction, including cessation of work and notification of the OEH and DPI Fisheries, determination of appropriate mitigation measures in consultation with the OEH and DPI Fisheries (including relevant re-location measures) and updating of ecological monitoring and/ or biodiversity offset requirements; and mechanisms for the monitoring, review and amendment of this plan.							
E34	e) a Construction Air Quality Management Plan to detail how impacts on local air quality will be minimised and managed. The Plan shall be developed in consultation with the EPA, and shall include, but not necessarily be limited to: (i) identification of sources (including stockpiles and open work areas) and quantification of airborne pollutants; (ii) key performance indicators for local air quality during construction; (iii) details of monitoring methods, including location, frequency and duration of monitoring; (iv) mitigation measures to minimise impacts on local air quality; (v) procedures for record keeping and reporting against key performance indicators; (vi) provisions for implementation of additional mitigation measures in response to issues identified during monitoring and reporting; and (vii) mechanisms for the monitoring, review and amendment of this plan.	X		Air Quality Management Plan available on website CEMP , it specifies how the plan meets the condition. Implementation evidenced through this audit and audit against CEMP & Sub plans Mitigation Measures (refer Appendix B).	C			
E34	f) a Construction Soil and Water Management Plan to manage surface and groundwater impacts during construction. The plan shall be developed in consultation with, EPA, NSW Office of Water, and relevant Councils, and include, but not necessarily be limited to: (i) details of construction activities and their locations, which have the potential to impact on water courses, storage facilities, stormwater flows, and groundwater, including identification of all pollutants that may be introduced into the water cycle; (ii) potential impacts on watercourse bank stability and the development of appropriate mitigation measures as required; (iii) emergency response procedures addressing potential flood impacts or spill incidents; (iv) an Erosion and Sediment Control Plan, detailing measures to manage any erosion and sedimentation impacts into the Georges River or Anzac Creek; (v) an Acid Sulfate Soils Management Plan, if required, including	X		Soil and Water Management Plan available on website CEMP , it specifies how the plan meets the condition. Implementation evidenced through this audit and audit against CEMP & Sub plans Mitigation Measures (refer Appendix B).	C			

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	measures for the management, handling, treatment and disposal of acid sulfate soils, including monitoring of water quality at acid sulfate soils treatment areas, should construction activities impact on acid sulfate soils; (vi) a description of how the effectiveness of these actions and measures would be monitored during the proposed works, clearly indicating how often this monitoring would be undertaken, the locations where monitoring would take place, how the results of the monitoring would be recorded and reported, and, if any exceedance of the criteria is detected how any noncompliance can be rectified; and (vii) mechanisms for the monitoring, review and amendment of this plan.							
PART F PRIOR TO OPERATIONS								
Post-Construction Dilapidation Report								
F1	The Applicant shall engage a suitably qualified person to prepare a post-construction dilapidation report at the completion of the construction works: a) This report is to ascertain whether the construction works created any structural damage to footpaths, roads, buildings and other utilities in the vicinity of the development. b) The report is to be submitted to the Certifying Authority. In ascertaining whether adverse structural damage has occurred to adjoining buildings, infrastructure and roads, the Certifying Authority must: (i) compare the post-construction dilapidation report with the pre-construction dilapidation report ; and (ii) have written confirmation from the relevant authority that there is no adverse structural damage to their infrastructure and roads as a result of construction. The report shall be submitted to the satisfaction of the Certifying Authority and a copy is to be forwarded to Campbelltown City Council, Liverpool City Council, RMS and the Secretary.	X		NT				NT
Easements								

CoC No	Condition of Approval Requirement	RESPONSIBILITY		Comments, observations, discussion Evidence, supporting documentation	Audit Outcome (See footer for key)			
		PRINCIPAL	CONTRACTOR		C	O	NC	NT
F2	Prior to the commencement of operation, the Applicant shall submit the final draft section 88B instrument, if relevant to the Certifying Authority and the Secretary for information.	X		NT				NT
External Lighting								
F3	External Lighting shall comply with AS4282: 1997 Control of the Obtrusive Effects of Outdoor Lighting. Upon installation of lighting, but before it is finally commissioned, the Applicant shall submit to the Certifying Authority, in consultation with the relevant Council and RMS, evidence from an independent qualified practitioner demonstrating compliance in accordance with this condition.	X		NT Prior to operations.				NT
Operation Environmental Management Plan								
F4	The Applicant shall prepare and implement (following approval) an Operation Environmental Management Plan (OEMP). The Plan shall outline the environmental management practices and procedures that are to be followed during operation, and shall be prepared in consultation with relevant agencies and in accordance with the Guideline for the Preparation of Environmental Management Plans (Department of Infrastructure, Planning and Natural Resources, 2004). The Plan shall include, but not necessarily be limited to: a) a description of activities to be undertaken during operation (including staging and scheduling); b) statutory and other obligations that the Applicant is required to fulfil during operation, including approvals, consultations and agreements required from authorities and other stakeholders under key legislation and policies; c) overall environmental policies, guidelines and principles to be applied to the operation of the project; d) a description of the roles and responsibilities for relevant employees involved in the operation of the project, including relevant training and induction provisions for ensuring that employees are aware of their environmental and compliance obligations under these conditions of approval; e) an environmental risk analysis to identify the key environmental	X		NT Operations				NT

CoC No	Condition of Approval Requirement	RESPONSIBILITY		Comments, observations, discussion Evidence, supporting documentation	Audit Outcome (See footer for key)			
		PRINCIPAL	CONTRACTOR		C	O	NC	NT
	<p>performance issues associated with the operation phase;</p> <p>f) details of management and monitoring of environmental performance, including the actions to be taken to address identified potential adverse environmental impacts (and any impacts arising from staging of the project construction). In particular, the following environmental performance issues shall be addressed in the Plan:</p> <ul style="list-style-type: none"> i.noise emissions including measures for regular performance monitoring of noise generated by the project and measures to proactively respond to and deal with noise complaints; ii.a description of the proposed and/or implemented measures to minimise visual impact project components, such as landscaping and design considerations; iii.procedures for the monitoring and maintenance of the watercourse crossings to achieve stable creek bed and banks; iv.and air emissions including measures for regular performance monitoring of air quality generated by the Project and measures to proactively respond to and deal with air quality complaints. <p>The Plan shall be submitted for the approval of the Secretary no later than one month prior to the commencement of operation, or as otherwise agreed by the Secretary.</p> <p>Operation shall not commence until written approval has been received from the Secretary.</p> <p>The approval of an Operation Environmental Management Plan does not relieve the Applicant of any requirement associated with this project approval. If there is an inconsistency with an approved Operation Environmental Management Plan and the conditions of this approval, the requirements of this approval prevail.</p>							
Operational Noise								
F5	<p>Prior to the commencement of operation, the Applicant shall prepare a Brake Squeal Report on brake squeal identifying the following:</p> <p>a) The extent of brake squeals across the fleet of rail vehicles that will frequently use the terminals. This should identify the number of occurrences of brake squeal, the typical noise levels associated with</p>	X		NT Prior to operations				NT



CoC No	Condition of Approval Requirement	RESPONSIBILITY		Comments, observations, discussion Evidence, supporting documentation	Audit Outcome (See footer for key)			
		PRINCIPAL	CONTRACTOR		C	O	NC	NT
	brake squeal (including the frequency content), and the operational conditions under which brake squeal occurs (e.g. under light braking, hard braking, low / medium / high speed, effects of temperature and weather, etc.); b) The root cause of brake squeal, including the influence of the design, set-up and maintenance of both brake shoes and brake rigging; c) Possible solutions to mitigate or eliminate brake squeal, including modifications to brake rigging and alternative brake shoe designs and compounds; and d) Any monitoring system proposed to capture brake squeal.							
F5A	The Applicant shall prepare and implement (following approval) a Container Noise Barrier Management Plan (CNBMP). The plan shall be prepared by a suitably experienced and qualified acoustics consultant and shall outline the management practices and procedures that are to be followed during night-time operation of the site and for the stacking of containers to be used as noise barriers. The plan shall include, but not necessarily be limited to: a) the preparation of a specification for the stacking of containers to achieve the required level of noise reduction so as to comply with the project specific noise levels** and the sleep disturbance trigger levels*** for the night-time period* at the nearest affected residential receivers and which is to include such details as the minimum numbers of containers, their locations, stacking heights, orientation and maximum gap between containers. The Plan shall include any restrictions on stacking of containers above two high if this is found necessary. b) the measurement of noise from operation of the site and an assessment of compliance with the project specific noise levels and the sleep disturbance trigger levels at the nearest affected residential receivers at the following times: (i) not less than 3 months and not more than 6 months after commencement of operation, noise surveys shall be conducted on three separate nights for a period of not less than 2 hours whilst train wagons are being loaded with containers; (ii) thereafter for 6 months on one night per month for a period of not less than 2 hours whilst train wagons are being loaded with containers. Noise measurements shall be conducted in accordance with the EPA's	X		NT Prior to operations				NT

CoC No	Condition of Approval Requirement	RESPONSIBILITY		Comments, observations, discussion Evidence, supporting documentation	Audit Outcome (See footer for key)			
		PRINCIPAL	CONTRACTOR		C	O	NC	NT
	<p>Industrial Noise Policy</p> <p>c) the details of each noise survey shall be documented in a report with a drawing showing the observed location of containers which are subject to the Plan, the measurement equipment used, its calibration status, environmental conditions, receiver locations, methodology, a detailed description of the activities on site, the results obtained and whether or not compliance has been achieved with the project specific noise levels and the sleep disturbance trigger levels at the nearest affected residential receivers.</p> <p>d) if the report concludes that the project specific noise levels and the sleep disturbance trigger levels for the night-time period at the nearest affected residential receivers are not being complied with, then recommendations shall be made by the acoustic consultant to amend the Plan accordingly and the Applicant shall implement those recommendations as soon as practical provided they are feasible and reasonable.</p> <p>e) the Plan shall include a description of the roles and responsibilities for relevant employees involved in the operation of the CNBMP, including relevant training and induction provisions for ensuring that employees are aware of their environmental and compliance obligations under the Plan.</p> <p>The Plan shall be submitted for the approval of the Secretary no later than one month prior to the commencement of operation. Copies of the detailed reports and the Plan (as amended) shall be provided to the Secretary and made available on the Project Website.</p> <p>* The night-time period is defined as 10pm-7am Mon-Sat and 10pm-8am Sundays and Public Holidays</p> <p>** Contained within the LAEq (15 min) column in Table A in Condition F5B</p> <p>*** Contained within the Review of Operational Sleep Disturbance Impacts</p>							
F5B	<p>Industrial noise (excluding activities covered by the NSW Rail Infrastructure Noise Guideline) generated by the development is to be measured and evaluated for compliance generally in accordance with the relevant requirements of the NSW Industrial Noise Policy (as may be updated from time to time).</p> <p>Table A contains the Noise Criteria dB(A).</p>	X		NT Operations				NT

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	Note: References to sensitive receivers should be read in conjunction with the description of sensitive receivers in the EIS noting that Casula includes Glenfield Farm.							
F5C	The noise criteria in Table A of condition F5B are to apply under all meteorological conditions except the following: (a) wind speeds greater than 3 m/s at 10 metres above ground level; or (b) stability category F temperature inversion conditions and wind speeds greater than 2 m/s at 10 m above ground level; or (c) stability category G temperature inversion conditions.	X		NT Operations				NT
Traffic Management								
F6	The Applicant shall prepare and implement (following approval) an Operational Traffic Management Plan to for the proposed vehicle booking system. The plan shall be prepared in consultation with the Cargo Movement Coordination Centre and include details on container turnaround times and interoperable technology (such as Port Botany RFID tags). The Plan shall be submitted for the approval of the Secretary no later than one month prior to the commencement of operation, or as otherwise agreed by the Secretary.	X		NT Operations				
F7	The Applicant shall undertake signal decommissioning (where required) in consultation with RMS prior to the commencement of operation. The Applicant shall bear the full cost associated with the decommissioning/removal/disposal of the traffic signals and associated equipment.	X		NT Prior to operations				
F8	The Applicant shall create an easement within the site at the traffic signals to allow RMS to maintain traffic signal components, if required by the design and condition C25. If no easement is required, access to signals should be maintained for maintenance purposes at all times.	X		NT Prior to operations.				NT
DURING OPERATIONS								
Damage Rectification								
G1	Within 6 weeks of commencement of operation, unless otherwise agreed by the Secretary, the Applicant shall undertake road pavement	X		NT				NT

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	deflection testing of the truck routes as defined by Condition E34(a). If the deflection tests show an increase in deflection as a result of the truck routes associated with construction, the Applicant shall undertake pavement rehabilitation of the affected road pavements to achieve the pavement deflection that existing prior to the commencement of works.			Operations				
G2	Within 3 months of commencement of operation, unless otherwise agreed by the Secretary, the Applicant shall carry out rectification work to the extent of the damage resulting from the construction works at the Applicant's expense and to the reasonable requirements of the owners.	X		NT Operations				NT
Registration of Easements								
G3	Within 3 months of commencement of operation, the Applicant shall provide to the Certifying Authority evidence that all easements required by this approval, and other licences, approvals and consents, have been lodged for registration or registered at the NSW Land and Property Information.	X		NT Operations				NT
Signage								
G4	Signage shall be installed in accordance with Drawing A3001 Issue C (Terminal - Signage Details) dated 14/04/2015, unless otherwise agreed by the Secretary.	X		NT Prior to operations				NT
Dangerous Goods								
G5	The quantities of Dangerous Goods present at any time on the site or transported from and to the terminal site shall be kept below the screening threshold quantities listed in the Hazardous and Offensive Development Guidelines Applying SEPP 33, (DP&E 2011). The screening threshold quantities for each Dangerous Goods shall be defined in accordance with Table 1: Screening Methods of Applying SEPP 33.	X		NT Operations				NT
Operational Noise, Air Quality, Monitoring and Reporting								
G6	Port shuttle operations must use: a) Locomotives that incorporate available best practice noise and	X		NT				NT

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	<p>emission technologies. Prior to the construction of the rail link connecting to the site, the Applicant must submit a report to the Secretary for consideration and approval that has been prepared in consultation with TfNSW and the EPA that justifies the technology proposed and how it meets the objective of best practice noise and emission technologies; and</p> <p>b) Wagons that incorporate available best practice noise technologies such as “onepiece” freight bogies or three-piece freight bogies fitted with cross-bracing or steering arms; and, permanently coupled ‘multi-pack’ steering wagons using Electronically Controlled Pneumatic (ECP) braking with a wire based distributed power system (or better practice technology). Prior to the commencement of operation, the Applicant must submit a report to the Secretary for consideration and approval that has been prepared in consultation with TfNSW and the EPA that justifies the technology proposed and how it meets the objective of best practice noise technologies.</p>			Operations				
G7	<p>The Applicant shall install and maintain a rail noise monitoring system on the rail link at the commencement of operation to continuously monitor the noise from rail operations on the rail link. The system shall capture the noise from each individual train passby noise generation event, and include information to identify:</p> <p>a) Time and date of freight train passbys;</p> <p>b) Imagery or video to enable identification of the rolling stock during day and night;</p> <p>c) LAeq(15hour) and LAeq(9hour) from rail operations; and</p> <p>d) LAF(max) and SEL of individual train passbys, measured in accordance with ISO3095; or</p> <p>e) Other alternative information as agreed with the Secretary.</p> <p>The results from the noise monitoring system shall be publicly accessible from a website maintained by the Applicant. The noise results from each train shall be available on the website ideally within 24 hours of it passing the monitor. The LAeq(15hour) and LAeq(9hr) results from each day shall be available on the website within 24 hours of the period ending.</p> <p>Prior to the commencement of operation, the applicant shall submit for the approval of the Secretary, justification supporting the appropriateness of the location for rail noise monitoring including details of any alternative options considered and reasons for these being dismissed. The rail noise monitoring system shall not operate until the Secretary has approved the proposed monitoring location.</p>	X		<p>NT</p> <p>Prior to operations.</p>				NT

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	The Applicant shall provide an annual report to the Secretary with the results of monitoring for a period of 5 years, or as otherwise agreed with the Secretary, from the commencement of operation of the IMEX No 1 terminal. The Secretary shall consider the need for further reporting following a review of the results for year 5.							
G7A	<p>The applicant shall install and maintain a wayside angle of attack monitoring system on the rail link at the commencement of operation to continuously monitor the angle of attack to the rail of rolling stock wheels.</p> <p>The system shall capture the angle of attack from a wheel on each axle of every train, and include information to identify:</p> <p>a) Time and date of each axle passby; and</p> <p>b) The identification number of each item of rolling stock.</p> <p>The results from the angle of attack monitoring system shall be:</p> <ul style="list-style-type: none"> • accessible by train operators from a website maintained by the Applicant. Angle of attack results from each train shall be available on the website within 24 hours of it passing the monitor, unless unforeseen circumstances have occurred. • included in a six-monthly report to the Secretary. The report should at least identify the number of wagons with wheels that exceed the ASA standard angle of attack and the action taken by operators to improve steering performance. <p>Prior to the commencement of operation, the Applicant shall submit for the approval of the Secretary, justification supporting the appropriateness of the location for angle of attack monitoring, the format of the information to be accessible to operators and the format of the public report. The angle of attack monitoring system shall not operate until the Secretary has approved the proposed monitoring location and reporting arrangements</p>	X		NT Prior to operations.				NT
G7B	<p>The Applicant shall:</p> <p>(a) not less than three months and not more than twelve months from commencement of operation, engage an appropriately qualified and experienced acoustic engineer to undertake a night-time noise survey at Glenfield Farm (or an equivalent location if access is denied).</p> <p>(b) the noise survey shall be conducted in accordance with the EPA's Rail Infrastructure Noise Guideline 2013 to determine:</p> <p>(i) the contribution of any new rail traffic travelling to and from the development; and,</p>	X		NT Prior to operations.				NT

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	(ii) the increase in the total rail traffic noise level caused by any new rail traffic to and from the development. (c) the noise survey shall be conducted for not less than 12 contiguous days in the winter months (July, August or September). (d) if as a result of the noise survey there is a sustained increase in the total rail traffic noise level due to the noise level from rail traffic travelling to and from the development of more than 2dB(A) for more than 30% of nights surveyed, the Applicant shall: within twelve months, construct a noise barrier along the relevant sections of rail link in accordance with the specifications provided by an appropriately qualified and experienced acoustic engineer so as to limit the increase in the total rail traffic noise level at Glenfield Farm caused by any new rail traffic to and from the development to not exceed 2dB(A). (e) the report of the noise survey including the results and recommendations shall be provided to the Secretary							
G8	The following measures must be implemented during operation: a) The use of top of rail friction modifiers and automatic rail lubrication equipment in accordance with ASA Standard T HR TR 00111 ST Rail Lubrication, where required; and b) Measures to ensure the rail cross sectional profile is maintained in accordance with ETN-01-02 Rail Grinding Manual for Plain Track to ensure the correct wheel / rail contact position and hence to encourage proper rolling stock steering.	X		NT Operations				NT
G9	The transfer of containers between Port Botany and the IMEX No 1 terminal must not commence until the rail connection to the SSFL is operational.	X		NT Operations				NT
G10	Containers must be transferred between the site and Port Botany predominantly by rail, unless where unforeseen circumstances have occurred (e.g. an incident, breakdown, derailment or emergency maintenance on the rail line). The Secretary may at any time request the Applicant to demonstrate that the transport of containers between the site and Port Botany container terminals is by rail. This is to be demonstrated upon request by the Secretary for the prior 12 month period.	X		NT Operations				NT
G11	The Applicant shall prepare a six-monthly report to the Secretary with the results of container and vehicle monitoring for a period of 3 years, or as otherwise agreed with the Secretary, from the commencement of	X		NT Operations				NT

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		PRINCIPAL	CONTRACTOR		C	O	NC	NT
	operation of the IMEX No 1 terminal. The Secretary shall consider the need for further reporting following a review of the results for year 3. The report shall include: a) The number of twenty foot equivalent units dispatched and received during the period; b) A record of heavy vehicle entry by date and approximate time; and c) The number of light vehicles turning right into the terminal site from Moorebank Avenue and turning left from the terminal site onto Moorebank Avenue for a representative day.							
G12	All containers handling equipment, purchased after 2019 must meet US EPA Tier 4 or EU Stage IV emission standard or achieve an equivalent emission control performance to those standards listed in this condition.	X		NT Operations				NT
G13	The Applicant must carry out any activity, or operate any plant, in or on the premises by such practicable means as may be necessary to prevent or minimise air pollution.	X		NT Operations				NT
G14	Heavy road freight vehicles are not permitted to use Moorebank Avenue south of the East Hills Railway corridor. A main gate monitoring system (e.g. CCTV) shall be installed to identify heavy vehicles turning left from the terminal site onto Moorebank Avenue, or turning right from Moorebank Avenue to the terminal site. The Secretary may at any time request the Applicant to provide a heavy vehicle monitoring report for the prior 12 month period.	X		NT Operations				NT
G15	Within 12 months of the commencement of operation of the project, or as otherwise agreed by the Secretary, the Applicant shall undertake operational noise monitoring to compare actual noise performance of the project against noise performance predicted in the review of noise mitigation measures predicted in documents specified under condition A1 of this approval, and prepare an Operational Noise Report to document this monitoring. The Report shall include, but not necessarily be limited to: a) noise monitoring to assess compliance with the operational noise levels predicted in documents specified under condition A1 of this approval; b) a review of the operational noise levels in terms of criteria and noise goals established in the NSW Road Noise Policy (EPA, 2011);	X		NT Operations				NT



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	<p>c) sleep disturbance impacts compared to those determined in Condition E25;</p> <p>d) methodology, location and frequency of noise monitoring undertaken, including monitoring sites at which project noise levels are ascertained, with specific reference to locations indicative of impacts on sensitive receivers;</p> <p>e) details of any complaints and enquiries received in relation to operational noise generated by the project between the date of commencement of operation and the date the report was prepared;</p> <p>f) any required recalibrations of the noise model taking into consideration factors such as actual traffic numbers and proportions;</p> <p>g) an assessment of the performance and effectiveness of applied noise mitigation measures together with a review and if necessary, reassessment of all feasible and reasonable mitigation measures; and</p> <p>h) identification of additional feasible and reasonable measures to those predicted in the documents specified under condition A1 of this approval, that would be implemented with the objective of meeting the criteria outlined in the NSW Road Noise Policy (EPA, 2011), when these measures would be implemented and how their effectiveness would be measured and reported to the Secretary and the EPA. The Applicant shall provide the Secretary and the EPA with a copy of the Operational Noise Report within 60 days of completing the operational noise monitoring referred to in (a) above or as otherwise agreed by the Secretary.</p>							
Independent Environmental Audit								



CoC No	Condition of Approval Requirement	RESPONSIBILITY		Comments, observations, discussion Evidence, supporting documentation	Audit Outcome (See footer for key)			
		PRINCIPAL	CONTRACTOR		C	O	NC	NT
G16	<p>Within 12 months of the commencement of operation, and thereafter at any other stage bi-annually if required by the Secretary, the Applicant shall commission and pay the full cost of an Independent Environmental Audit of the SSD. This audit shall:</p> <p>a) be conducted by a suitably qualified, experienced and independent team of experts whose appointment has been endorsed by the Secretary;</p> <p>b) include consultation with the relevant agencies and local Councils;</p> <p>c) assess the environmental performance of the SSD and assess whether it is complying with the requirements in this approval, and any other relevant approvals (including any assessment, plan or program required under these approvals);</p> <p>d) review the accuracy of predicted environmental outcomes discussed in the documents listed in condition A1</p> <p>e) review the adequacy of any approved strategy, plan or program required under the abovementioned approvals; and</p> <p>f) recommend measures or actions to improve the environmental performance of the SSD, and/or any strategy, plan or program required under these approvals.</p> <p>g) Within 60 days of commissioning this audit, or as otherwise agreed by the Secretary, the Applicant shall submit a copy of the audit report to the Secretary and relevant public authorities, together with its response to any recommendations contained in the audit report. The audit report and response to any recommendations shall be published on the Project website.</p>	X		NT Operations				NT

Appendix B. IMEX No 1 CEMP & Sub plans Mitigation Measures: SSD 6766

No	Mitigation Measure Requirement	Comments, observations, discussion Evidence, supporting documentation	Audit Outcome (See footer for key)			
			C	O	NC	NT
Bushfire Management Strategy						
BM2	All staff will be required to undergo a site induction which will outline the requirements of fire safety	Sighted induction Rev 6. Fire safety included.	C			
BM9	All hot works to be undertaken with a hot work permit which must state that all flammable material must be removed from the vicinity of the works	Sighted hot works permit 26/10/17, 20/06/18.	C			
BM1	The contractor will sign up to NSW RFS alerts or similar. BOM and Liverpool Council alerts will also be monitored.	Sighted email alert 13/09/17	C			
BM3	Weather conditions will be monitored daily	Sighted prestart including weather 20/06/18.	C			
Community Communications Strategy						
Bi-monthly community update	Project update newsletters will be distributed on a two-monthly basis. This will involve construction updates.	Sighted May update.	C			
Community Notification	<p>Specific notifications regarding works being undertaken for potentially affected neighbouring property owners and businesses before undertaking major activity or milestones. These may include:</p> <ul style="list-style-type: none"> • Commencement and completion of works • Noisy works • Out of Hours • Changes to traffic, parking or access <p>Community notifications include all Community Updates, Out-of-Hours notices, project information flyers and other communications material. The notifications will proactively notify the community and key stakeholders of current and forthcoming activities including those that have the potential to impact on the community. All notifications will include the project contact numbers, details of the Project website and an email address to refer any enquiries.</p>	<p>Sighted OOHW notification in local paper December 2017.</p> <p>Sighted project updates on website http://simta.com.au/category/current-works/</p>	C			

No	Mitigation Measure Requirement	Comments, observations, discussion Evidence, supporting documentation	Audit Outcome (See footer for key)			
			C	O	NC	NT
Communication coordination meetings	Fortnightly meetings between the Contractor and SIMTA will be undertaken. This may include subcontractors as required.	Communication meetings are ongoing between Fulton Hogan and SIMTA.	C			
Calendar of works	A calendar of communication and stakeholder engagement work will be developed and will contain items that are perceived to potentially attract a high level of interest. The calendar will be presented for discussion at regular project communication and engagement meetings.	The website contains regular updates on progress and upcoming works and, However, a calendar as referenced in this commitment was not available at the time of the audit.	C	O		
Construction Noise and Vibration Management Plan						
NV2 & NV3	Site-specific induction will be provided to all site personnel, contractors and sub-contractors with an emphasis on understanding and managing noise impacts form the work activities being undertaken. This will include the location of receptors, specific mitigation measures, site hours of operation, noise complaints procedure, etc. as well as the consequences of not complying with these mitigation measures	Sighted induction Rev 6. Noise mitigation, complaints management, hours of operation, location of receivers, as is incident management.	C			
NV6	The approved CoC – E19 The Project standard construction hours are as follows: All general construction works and activity will be scheduled to occur between these hours, unless OOHW becomes necessary: <ul style="list-style-type: none"> 7:00am to 6:00pm Mondays to Fridays, inclusive; 8:00am to 1:00pm Saturdays; and at no time on Sundays or public holidays. As noise impacts are not anticipated during the approved hours, no shielding is warranted or provided for in this CNVMP. If additional mitigation during OOHW is recommended following a specific OOHW CNVIS, the CNVIS will provide further recommendations. Refer Section 4 of this plan for further detail	Sighted induction Rev 6. Hours of operation are specified. Sighted OOHW application 17/05/18, includes mitigation measures, noise impact assessment, identification of source and receivers.	C			
NV7	CoC – E20 places further restriction on the hours that ‘high noise impact’ generating activities may occur. Construction works and activity with the potential to generate high noise impact will be scheduled to occur between these hours:	Sighted induction Rev 6. Hours of operation are included. SIMTA advise no activities causing high impact to date. Whilst the induction includes standard hours of works, there does not appear to	C	O		

No	Mitigation Measure Requirement	Comments, observations, discussion Evidence, supporting documentation	Audit Outcome (See footer for key)			
			C	O	NC	NT
	<ul style="list-style-type: none"> ▪ between the hours of 8:00 am to 5:00 pm Monday to Friday; ▪ between the hours of 8:00 am to 1:00 pm Saturday; and in continuous blocks not exceeding three hours each with a minimum respite from those activities and works of not less than one hour between each block.	be any communication to the workforce on further restrictions on high noise impact activities.				
8.2.4 Monitoring reports	A report for the construction noise and vibration compliance monitoring will be compiled every 3 months detailing the community noise monitoring results as well as any other noise and vibration monitoring that was conducted during the reporting period. The report will include information about any exceedances detected and how non-compliances were addressed. This report will be sent to SIMTA/ the Secretary/ the EPA until the completion of construction. All construction compliance monitoring reports will be submitted to the EPA no later than one month from the end of each three-month reporting period. All reports will include a map clearly showing the location of each monitoring station.	Sighted noise monitoring report for April 2018. No evidence of this report being sent to EPA, DPE was available at the time of the audit.			NC	
NV13	Non-tonal reversing beepers (or equivalent mechanism) will be fitted and used on all construction vehicles and mobile plant regularly used on site (and for any out of hours works) where appropriate.	No non-tonal reverse beepers were observed during the site audit on 20/06/18. Sighted induction Rev 6. Mitigation measures specified, including use of dampeners.	C			
NV17	Safe working distance for vibratory intensive activities will be adhered to as outlined in Section 7.1.2	NT. No receivers within safe work distances.				NT
Construction Air Quality Management Plan						
AQ5 / AQ16	Operation of a water cart on fill areas, unsealed travel routes and areas where scrapers/graders are operating. The water rate will be adjusted accordingly to minimise generation of visible dust. The water will be transported to site by tankers for this purpose. The number and size of the water carts shall be regularly reviewed by the Construction Manager to ensure that adequate watering is taking place and dust is kept to a minimum. Care is to be exercised to limit the amount of water used to ensure run-off does not occur and leave the site.	Sighted watercarts in operation. Sighted inspection checklist 14/06/18, air quality and use of watercart included.	C			

No	Mitigation Measure Requirement	Comments, observations, discussion Evidence, supporting documentation	Audit Outcome (See footer for key)			
			C	O	NC	NT
AQ11	Asbestos in soil, if any, will be managed in line with a separate Asbestos Management Plan, including set up of exclusion zones, monitoring and mitigation measures.	Sighted unexpected finds protocol in contaminated land management plan http://simta.com.au/wordpress/wp-content/uploads/2017/08/Contamination-Management-Plan.pdf It includes set up of site to manage asbestos finds. Sighted unexpected finds removal records, with photos, 09/04/18 and 20/03/18.	C			
AQ14	Special consideration will need to be given to the demolition of buildings containing asbestos in accordance with relevant guidelines and legislation (asbestos management will be through a separate Asbestos Management Plan)	No buildings containing asbestos demolished during audit period.				NT
AQ30	Continuous boundary monitoring for reactive dust management. Trigger thresholds for PM10 will be established to enable staged responses for precipitating control actions, depending on the level of intervention needed, e.g. increased watering rate and frequency of watering (see Section 6.2).	Sighted dust monitoring results (PM10 and deposited dust). Includes applicable thresholds.	C			
AQ8	Maintain all construction equipment, machinery and vehicles to ensure optimal performance which would minimise exhaust emissions.	Sighted plant prestart check 07/05/18. Sighted induction Rev 6. Includes management of exhaust.	C			
AQ9	Minimise idling of construction equipment, machinery and vehicles to no more than 5 minutes to minimise exhaust emissions.	Sighted induction Rev 6. Includes management of exhaust and turning off plant or minimising idling.	C			
AQ18	All vehicles on-site should be confined to a designated route with a speed limit of 30km/hr enforced.	Sighted designated haulage route and speed limit signs, and toolbox 30/05/18 covering speed limits.	C			
Construction Heritage Management Plan						
HM1	All site staff, including subcontractors must attend an induction which details heritage sites and project requirements. Heritage sites will be further communicated in toolbox talks, prestart briefings and prior to works in or adjacent to heritage areas.	Sighted induction rev6 which states that all known heritage items now removed, and instructs persons to stop works and notify supervisor if unexpected find occurs.	C			

No	Mitigation Measure Requirement	Comments, observations, discussion Evidence, supporting documentation	Audit Outcome (See footer for key)			
			C	O	NC	NT
	Content will include site identification, materials likely to be uncovered, and requirement to notify the Environmental Manager in the event that any potential object of archaeological or cultural origin is uncovered. Personnel directly involved in implementing heritage control measures on site will be given specific training in the various measures to be implemented. Records of all training are to be filed in accordance with the project filing system.					
HM16	If an item (or suspected item) of heritage is discovered, the Unexpected Heritage Finds Procedure will be implemented (Section 5.1). All work in the area of the find will cease immediately, the heritage value of the find will be assessed including a determination as to whether the impacts are consistent with those identified within the EIS, mitigation measures.	Unexpected finds protocol sits within Heritage Management Plan http://simta.com.au/wordpress/wp-content/uploads/2017/08/Construction-Heritage-Management-Plan.pdf No finds to date.	C			
HM2	A full photographic record of the entire Project must be undertaken prior to construction commencing to record the setting and context of the site as a whole prior to any impact on collective significance.	Dilapidation reports completed for Moorebank Avenue, Cambridge Avenue and roadways and roundabouts. These are available at http://simta.com.au/mpe/	C			
HM6	Environmental control maps will be developed clearly identifying Aboriginal and non-Aboriginal heritage sites on and in close proximity to the Project.	Control maps sit within Heritage Management Plan. http://simta.com.au/wordpress/wp-content/uploads/2017/08/Construction-Heritage-Management-Plan.pdf	C			
HM12	Environment Manager to undertake weekly inspections and monitoring of construction activities to ensure compliance with the requirements of CoCs and this plan. Site supervisor to undertake daily inspections and undertake maintenance of fencing where required. Records of inspections will be maintained.	Sighted Weekly Environmental Inspection 14/06/18	C			
HM14	Safe working distances between the retained buildings and machinery as outlined in Section 7.1.2 of the Construction Noise and Vibration Management Plan (CNVMP) will be maintained. These safe working distances are defined for both cosmetic damage (BS 7385) and human comfort (the NSW Vibration Guideline).	No works within proximity of buildings being retained.	C			
Construction Soil and Water Quality Management Plan						

No	Mitigation Measure Requirement	Comments, observations, discussion Evidence, supporting documentation	Audit Outcome (See footer for key)			
			C	O	NC	NT
SW1	<p>An Erosion and Sediment Control Plan (ESCP) for the Project construction is presented as Appendix C. The plan includes ERSED controls in accordance with Managing Urban Stormwater: Soils and Construction Volume 1 (Landcom 2006) (the Blue Book”) as outlined further below. Standard Drawings of ERSED controls are provided in Appendix D. These drawings outline construction measures and methods of installation of controls.</p> <p>The ESCP must be developed and approved by the Principal. The Principal’s Environmental Representative will inspect the installation of the controls prior to breaking ground</p>	<p>Sighted ERSED plan dated 15/12/17. Sighted controls in the field. No issues.</p>	C			
SW15	<p>Inspections and Wet Weather</p> <p>Construction water quality structures and sediment controls will be implemented and maintained until such times as disturbed areas have been stabilised. Weather forecast will be checked daily by supervisors and wet weather plans will be developed accordingly. Wet weather plans during pre-rainfall inspections will include predicted rainfalls and erosion sediment controls will be implemented accordingly.</p> <p>The Site Supervisor and Project Environmental Manager will continually inspect the site’s environmental controls during active works and when controls are required to be installed and left on site between shifts, and within 24 hours of expected rainfall. An inspection of the site will also be undertaken following heavy rainfall events (within 18 hours following an event of sufficient intensity to cause runoff onsite), further details of monitoring and inspection requirements are outlined in section 6.3 of this CSWMP.</p> <p>The Site Supervisor and Environmental Manager will also inspect the site prior to Rostered Day Off (RDO site shut-down day) weekends or other periods of extended closure.</p> <p>Permanent and temporary sediment control structures which become blocked or overloaded with sediments will be cleaned out using appropriate methods such as an excavator, backhoe or by manual means. Cleaning shall be performed prior to or when the accumulated sediment has reduced the capacity of the structure to less than 60%, based on a visual assessment.</p>	<p>Sighted inspection dated 07/06/18 and pre-easter shutdown inspection 03/04/18. Sighted communication of incoming weather 05/02/18/ Sighted maintenance of controls during visit, including pump out of bund.</p>	C			

No	Mitigation Measure Requirement	Comments, observations, discussion Evidence, supporting documentation	Audit Outcome (See footer for key)			
			C	O	NC	NT
	Silt collected from cleaning temporary and permanent sediment and erosion control measures shall be mixed with dry material and incorporated into the works where deemed appropriate.					
SW18	<p>Criteria for Discharge to Water from areas identified as not potentially contaminated.</p> <p>Water quality performance targets are derived from the mitigations measures defined within the EIS approval requirements and are summarised in Table 5.1 below.</p> <p>Dewatering discharge criteria.</p> <p>Total Suspended Solids (TSS) 50mg/L</p> <p>pH 6.5-8.5</p> <p>Oil and Grease Visible sheen</p> <p>Prior to discharge, the quality of the discharge is to be tested and characterised to demonstrate compliance. Turbidity (NTU) may be used in place of total suspended solids (TSS) to determine compliance if a statistical correlation is established which identifies the relationship between NTU and TSS for water quality in any potential excavations (construction works) that require de-watering due to pooling during rainfall event, and require de-watering, to determine the NTU equivalent of 50mg/L before its use. The determining authority/EPA must be provided with a copy of this statistical correlation assessment methodology and results and approve the methodology prior to using NTU in place of TSS.</p>	Sighted dewater permits 27/02/18, 01/03/18, 02/03/18. Criteria specified.	C			
SW16	Trade waste and sewage will be generated during the Project. Sewage waste will be disposed of by a licensed waste contractor in accordance with Sydney Water and OEH requirements. Trade waste will be discharged to the sewer through a trade waste agreement with Sydney Water.	Sighted TWSA with commencement date of 01/10/15 – current.	C			
SW22	<p>A Flood Emergency Response Plan (FERP) has been addressed as an Environmental Risk Action Plan (ERAP) within CEMP Appendix A:</p> <ul style="list-style-type: none"> • Monitor meteorological conditions – develop contingency strategy for rainfall > 100mm in 24hours or potential for > 1in 5 ARI • All chemicals, fuels and other hazardous substances to be in secured containers and stored within a sealable shipping container 	<p>No events triggering criteria during audit period.</p> <p>Sighted inspection dated 07/06/18 and pre-easter shutdown inspection 03/04/18.</p>	C			

No	Mitigation Measure Requirement	Comments, observations, discussion Evidence, supporting documentation	Audit Outcome (See footer for key)			
			C	O	NC	NT
	<ul style="list-style-type: none"> • Remove plant and equipment from low lying areas • Secure plant that cannot be removed Review site drainage flow paths: <ul style="list-style-type: none"> • Redirect site drainage to prevent flooding of residential/business premises • Ensure site drainage does not concentrate surface flow • Review and address the potential for excess water entering the site • Review and maintain erosion and sedimentation controls • Evacuate personnel to safe refuge area in the north of the site based on likely flood behaviour. 	Sighted communication of incoming weather 05/02/18/ Sighted maintenance of controls during visit, including pump out of bund.				
Construction Traffic and Access Strategy						
TR2	<ul style="list-style-type: none"> ▪ In consultation with the Liverpool and Campbelltown City Councils and RMS, general signposting of the access roads with appropriate heavy vehicle and construction warning signs will be implemented ▪ Speed restrictions to be reviewed along the Moorebank Avenue and additional signposting of speed limitations installed ▪ Installation of specific warning signs at entrances to the construction site to warn existing road users of entering and exiting construction traffic ▪ Establishing pedestrian walking routes and crossing points ▪ Distribution of day warning notices to advice local road users of scheduled construction activities ▪ Installation of appropriate traffic control and warning signs for areas identified where potential safety risk issues exist ▪ The promotion of car-pooling for construction staff and other shared transport initiatives during the construction phase ▪ Arrangements will be made with the materials providers to effectively manage the transportation of construction materials. This will be achieved by careful planning of vehicle movements and operations to and from site. Construction program will consider minimisation of vehicle movements during AM and PM peak hours. ▪ Traffic Control Plans (when and where required) will be prepared for the road network surrounding the project, including all primary and secondary access points. Traffic Control Plans (TCP) will be 	Sighted road safety audit 2018-PR-18-0269 (which includes TCPs), ROL and speed zone adjustment 26/04/18 – 31/05/18,	C			

No	Mitigation Measure Requirement	Comments, observations, discussion Evidence, supporting documentation	Audit Outcome (See footer for key)			
			C	O	NC	NT
	produced for specific construction staging scenarios, depicting vehicle, pedestrian, bus and cyclist restrictions and protection measures. TCPs will be prepared for off-site works, particularly associated with stringing transmission lines across roads, utility crossings and inspections for dilapidation reports.					
TR15	<p>Construction Traffic Noise</p> <p>The project will be constructed within the approved hours described in the CoC. All construction traffic will access the sites via major arterial roads and would constitute an insignificant increase in traffic volume. Hence no noise impact from construction traffic is predicted. Use of compression brakes will not be permitted for the construction vehicles in the vicinity of residential areas near the construction site.</p> <p>Construction traffic movements, parking, loading, unloading during out-of-hours work will be managed in accordance with the following measures:</p> <ul style="list-style-type: none"> ▪ Access to and from site will be via approved access haulage routes and access points ▪ Parking will be in designated areas only ▪ During unloading and unloading, metal on metal contact will be avoided wherever possible ▪ Use of local and residential roads will not be permitted ▪ Use of tonal reversing alarms will be avoided and replaced with reversing squawkers wherever possible <p>Out of Hours process as defined in the construction noise and vibration management plan will be implemented.</p>	<p>Haulage routes and parking locations are well defined on site.</p> <p>Induction Rev 6 includes brief statement on site entrance.</p>	C			
TR21	<p>All site staff, including subcontractors must attend an induction which details traffic management measures to be implemented to reduce impact on stakeholders and ensure project requirements are met.</p> <p>This will also include the requirement to restrict heavy vehicles turning left on to Moorebank Avenue, or right into Site from Moorebank Avenue as well as measures to reduce traffic noise.</p>	<p>The induction Rev 6 includes access points and states to follow instructions. It also includes expectations on noise management. As per CoC B4, the set up of the gate is such that heavy vehicles turning left on to Moorebank Avenue, or right into Site from Moorebank Avenue are restricted.</p>	C			

No	Mitigation Measure Requirement	Comments, observations, discussion Evidence, supporting documentation	Audit Outcome (See footer for key)			
			C	O	NC	NT
	Requirements will be reiterated in toolbox talks and prestart meetings as required. Records of all training are to be filed in accordance with the project filing system.					
Waste and Resource Management Plan						
WR2	All waste will be classified and disposed of in accordance with the NSW EPA "Waste Classification Guidelines."	Sighted waste register current to May 2018. Sighted waste classification report for May 2018. Sighted tip dockets 15/01/18.	C			
WR3	A waste register of waste collected for disposal and/or recycling will be maintained and include the license details for waste disposal facilities and carriers (where necessary)	Refer above.	C			
WR11	Fill and topsoil will be reused on site wherever possible. Unsuitable fill material and excess cut material that cannot be used on site will be reused or disposed of in the following order of priority: <ul style="list-style-type: none"> ▪ Transfer to nearby SIMTA projects for immediate use; ▪ Transfer to an approved SIMTA stockpile site for reuse on a future project only if a specific project has been identified prior to stockpiling; ▪ Transfer to an SIMTA approved site for reuse on concurrent private / local government project only if a specific project is identified prior to stockpiling and all appropriate approvals are obtained; Disposal at a licensed material recycling or waste disposal facility.	Project primarily importing material. Refer response to WR2. Top soil stockpile being maintained for later use where appropriate.	C			
WR8	Procurement of materials will be planned and managed to avoid the over-ordering of products and minimise excess packaging. Bulk ordering will be undertaken where possible.	Sighted concrete pour requisition 02/05/18 identifying request for materials as needed only.	C			
WR10	Topsoil (weed free) will be stockpiled in accordance with SIMTA criteria in allocated areas and reused for landscaping.	Top soil stockpile being maintained for later use where appropriate.	C			
WR12	Segregation of waste in bins/skips: <ul style="list-style-type: none"> • General waste • Hazardous • Metal • Office waste comingled recyclables. 	Refer WR2.	C			

No	Mitigation Measure Requirement	Comments, observations, discussion Evidence, supporting documentation	Audit Outcome (See footer for key)			
			C	O	NC	NT
WR21	Where possible unused material and chemical containers will be returned to the supplier to reuse.	Not triggered. Materials being used. Waste classified and either reused, recycled or disposed.	C			
WR30	Training, including within the induction, in energy efficiency best practice	Sighted induction Rev 6 which communicates energy efficiency practices.	C			
Contaminated Land Management Plan						
5 Assessment of contaminated materials	<p>In general, the assessment of contaminated materials would involve:</p> <ul style="list-style-type: none"> ▪ Implementation of the Unexpected Finds Protocol (UFP) (Section 10) if appropriate; ▪ Work in the area should be immediately ceased, and the area cordoned off and signage erected to inform workers and the public (if applicable); ▪ The Principal Contractor and Environmental Consultant should be immediately contacted and informed of the contamination/suspected contamination; ▪ The Environmental Consultant will develop a strategy to determine the nature of the substance, that is, is it hazardous and, if so, does it exist at concentrations which pose an unacceptable risk to human health or the environment; ▪ The Environmental Consultant will develop and implement an assessment strategy which meets the requirements the listed in the NEPM ASC 2013, Australian Standard AS4482.1-2005, AS4482.2-1999 and NSW EPA Sampling Design Guidelines (1995); ▪ The material will be assessed against NSW EPA endorsed guidelines to determine the risk to human health and/or the environment; ▪ The Environmental Consultant will make recommendations to the handling of material, offsite disposal, and/or on site re-use of material; and ▪ The results of any investigation and subsequent works associated with the contamination should be documented in accordance with this CMP and NSW EPA endorsed guidelines. 	<p>Sighted unexpected finds protocol in contaminated land management plan http://simta.com.au/wordpress/wp-content/uploads/2017/08/Contamination-Management-Plan.pdf It includes set up of site to manage asbestos finds.</p> <p>Sighted unexpected finds removal records, with photos, 09/04/18 and 20/03/18.</p>	C			
Flood Emergency Response Plan						

No	Mitigation Measure Requirement	Comments, observations, discussion Evidence, supporting documentation	Audit Outcome (See footer for key)			
			C	O	NC	NT
5.1 Site Preparation	<p>Construction compounds and stockpile areas are to be located outside the Flood Planning Area shown in Appendix A, to mitigate the impact of potential flooding during construction. The Flood Planning Area is the equivalent to the PMF level as per Liverpool Council (www.liverpool.nsw.gov.au).</p> <p>The following list of measures will be implemented to reduce the likelihood of damage to site equipment and the environment and to protect the safety of personnel:</p> <ul style="list-style-type: none"> ▪ Daily monitoring of weather forecasts using the Bureau of Meteorology (BoM) ▪ Monitoring of the BoM warning website daily http://bom.gov.au/nsw/warnings/index.shtml 	Sighted weather monitoring records to Env Manager 08/02/18 and on prestart on day of audit. No stockpiles observed in flood zone indicated on map.	C			
Greenhouse Gas Management Plan						
GHG15	<p>The use of energy efficient site facilities (such as site offices, lunch rooms etc.) will be investigated. This includes, but is not limited to:</p> <ul style="list-style-type: none"> ▪ Use of on-site renewable energy, such a solar to power site offices ▪ Procurement of green energy from the energy provider ▪ Use of energy efficient lighting in all office/compound facilities ▪ Use of site facility/office equipment which have maximum star energy rating ▪ Use of biodiesel in generators. 	Sighted request for quotation on solar panel installation, 13/02/18.	C			
GHG16	The induction, tool-box talks, workshops and pre-start working briefs will include GHG reduction requirements as outlined within this management plan.	Sighted induction rev6 which contains info on sustainability / GHG initiatives.	C			
GHG13	Plant and equipment will not be left on idle when not in use.	None observed to be idling when not in use. Induction Rev 6 includes requirement to turn off when not in use.	C			
GHG17	Each contractor is required to report on GHG emissions, fuel and electricity usage on a monthly basis.	Sighted NGRS report and subbie data capture form April 2018.	C			
GHG18	The contractor will develop tracking system to record the total amount of material recycled off-site, re-used on site and the total amount of recycle off-site, re-used on site and the total amount of recycled material imported to site	Sighted waste register current to May 2018. Sighted waste classification report	C			



No	Mitigation Measure Requirement	Comments, observations, discussion Evidence, supporting documentation	Audit Outcome (See footer for key)			
			C	O	NC	NT
		for May 2018. Sighted tip docket 15/01/18.				
Heritage Interpretation Strategy						
1.2	<p>The HIS is the first stage in the interpretation planning process. The next two stages are;</p> <ul style="list-style-type: none"> - Developing a Heritage Interpretation Plan (HIP, including development and design, and - Implementation of the HIP 	Heritage Interpretation Plan is yet to be developed. There is not timing requirement on this commitment.				NT