

MOOREBANK PRECINCT WEST

6-Monthly Compliance Report

23 MARCH 2018

Incorporating



CONTACT



TACTICAL GROUP MOOREBANK PRECINCT WEST

6-Monthly Compliance Report

September 2017 to February 2018

Author

Checker

Approver

Report No LPWR-ARC-ENV-00001-6-monthly

Date 23/03/2018

Revision Text 001

This report has been prepared for Tactical Group in accordance with the terms and conditions of appointment for Moorebank Precinct West Early Works dated 7 October 2016. Arcadis Australia Pacific Pty Limited (ABN 76 104 485 289) cannot accept any responsibility for any use of or reliance on the contents of this report by any third party.

REVISIONS

| Revision | Date | Description | Prepared by | Approved by |
|----------|------|-------------|-------------|-------------|
|----------|------|-------------|-------------|-------------|

| | | | | |
|-----|------------|--|--|--|
| 001 | 23/03/2018 | | | |
|-----|------------|--|--|--|

CONTENTS

| | |
|---|-----------|
| ACRONYMS | 5 |
| 1 INTRODUCTION..... | 8 |
| 1.1 Precinct Overview | 8 |
| 1.2 Scope and Purpose..... | 12 |
| 1.3 Periodic Review..... | 12 |
| 2 PROJECT DESCRIPTION..... | 13 |
| 2.1 Site Location and Environmental Constraints..... | 13 |
| 2.2 Scope of Works | 16 |
| 2.3 Works Undertaken – September, 2017 to February, 2018..... | 17 |
| 3 PROJECT COMPLIANCE | 19 |
| 3.1 Inspections | 19 |
| 3.1.1 Internal Inspections | 19 |
| 3.1.2 Environmental Representative Inspections | 19 |
| 3.2 Other Regulator Inspections | 19 |
| 3.3 Audits Undertaken | 19 |
| 3.4 Monitoring..... | 20 |
| 3.4.1 Asbestos Air Monitoring | 20 |
| 3.4.2 Surface Water Monitoring..... | 20 |
| 3.5 Environmental Incidents..... | 20 |
| 3.6 Conditions of Consent..... | 22 |
| 3.6.1 Non-Compliance..... | 22 |
| 3.7 Newly Identified Environmental Risks..... | 22 |
| 3.7.1 Unexpected Contamination Finds | 22 |
| 3.8 Complaints Management..... | 22 |
| 4 CONCLUSION | 24 |

APPENDICES

APPENDIX A COMPLIANCE TABLE - MINISTERS CONDITIONS OF APPROVAL

APPENDIX B COMPLIANCE TABLE - REVISED ENVIRONMENTAL MITIGATION MEASURES

LIST OF TABLES

| | |
|--|----|
| Table 1-1 Requirements for Compliance Reporting..... | 12 |
| Table 3-1 Summary of Environmental Incidents..... | 21 |
| Table 3-2 Complaints Summary..... | 22 |

LIST OF FIGURES

| | |
|---|----|
| Figure 1-1 Overview of Moorebank Precinct Contract Structure | 9 |
| Figure 1-2 The Extent of the Sites for Each Appointed Contractor..... | 11 |
| Figure 2-1 MPW Early Works Footprint | 14 |
| Figure 2-2 MPW Environmental Constraints..... | 15 |

ACRONYMS

| Acronym | Meaning |
|----------|--|
| ACM | Asbestos Containing Materials |
| AFFF | Aqueous Film Forming Foam |
| BOP | Biodiversity Offset Package |
| CAQMP | Construction Air Quality Management Plan |
| CATA | Contamination Assessment Treatment Areas |
| CBD | Central Business District |
| CCS | Community Consultation Strategy |
| CEMP | Construction Environmental Management Plan |
| CES | Community Engagement Strategy |
| CFFMP | Construction Flora and Fauna Management Plan |
| CHMP | Construction Heritage Management Plan |
| CNVMP | Construction Noise and Vibration Management Plan |
| CoC | Conditions of Consent |
| CSWMP | Construction Soil and Water Management Plan |
| CTAMP | Construction Traffic and Access Management Plan |
| CTP | Compliance Tracking Programme |
| CUST Hut | Cullen Universal Steel Truss Hut |
| DP | Deposited Plan |
| DP&E | Department of Planning and Environment |
| EEC | Ecologically Endangered Community |
| EIS | Environmental Impact Statement |
| EOW | Explosive Ordnance Waste |
| EPBC | Environmental Protection and Biodiversity Act 1999 |
| ER | Environmental Representative |
| ERSED | Erosion and Sediment Controls |
| ESCP | Erosion and Sediment Control Plan |
| EWMS | Environmental Work Method Statement |

| Acronym | Meaning |
|--------------------------|---|
| HBI | Health Buildings International |
| HHRA | Human Health Risk Analysis |
| HIS | Heritage Interpretation Strategy |
| IMP | Incident Management Plan |
| $L_{Aeq(15\text{ min})}$ | The A-weighted equivalent continuous (energy average) sound pressure level over a 15-minute period. |
| LGA | Local Government Area |
| LLEP | Liverpool Local Environmental Plan |
| LPWDR | Land Preparation Works – Demolition and Remediation |
| MH | Moorebank Heritage |
| MIC | Moorebank Intermodal Company |
| MPE | Moorebank Precinct East |
| MPW | Moorebank Precinct West |
| NOHSC | National Occupational Health and Safety Commission |
| OEH | Office of Environment and Heritage |
| OfMR | Options for Mitigation Report |
| OOH | Out of Hours |
| PCCR | Pre-Construction Compliance Report |
| PFAS | Polyfluoroalkyl Substances |
| RAPs | Registered Aboriginal Parties |
| RAP | Remedial Action Plan |
| RBL | The Rating Background Level for each period is the median value of the assessment background level values for the period over all of the days measured. There is therefore an RBL value for each period (day, evening and night). |
| REMM | Revised Environmental Mitigation Measures |
| RtS | Response to Submissions |
| SIMTA | Sydney Intermodal Terminal Alliance |
| SRtS | Supplementary Response to Submissions |
| SSD | State Significant Development |

Moorebank Precinct West –6 Monthly Construction Compliance Report

| Acronym | Meaning |
|---------|-------------------------------------|
| UST | Underground Storage Tank |
| UXO | Unexploded Ordnance |
| UXOMP | Unexploded Ordnance Management Plan |
| VMP | Vehicle Movement Plan |

1 INTRODUCTION

1.1 Precinct Overview

The Sydney Intermodal Terminal Alliance (SIMTA) and Moorebank Intermodal Company have entered into an agreement to develop the Moorebank Precinct East (MPE) Project and Moorebank Precinct West (MPW) Project into the Moorebank Intermodal Precinct (the Moorebank Precinct).

When completed, the Moorebank Precinct will move 1.5 million shipping containers annually by rail instead of road. It will also feature Australia's largest purpose-built warehouse and distribution precinct serviced by the latest automated technology which will see driverless shuttle carriers collect and transport containers around the precinct to be processed, unpacked and stored on site or distributed in smaller consignments.

Contractors have been appointed to undertake three packages of works under the current approvals across both the MPW and MPE Projects. Figure 1-1 describes the approvals and the relevant contractors appointed under each; Figure 1-2 shows the extent of the sites of each appointed contractor.

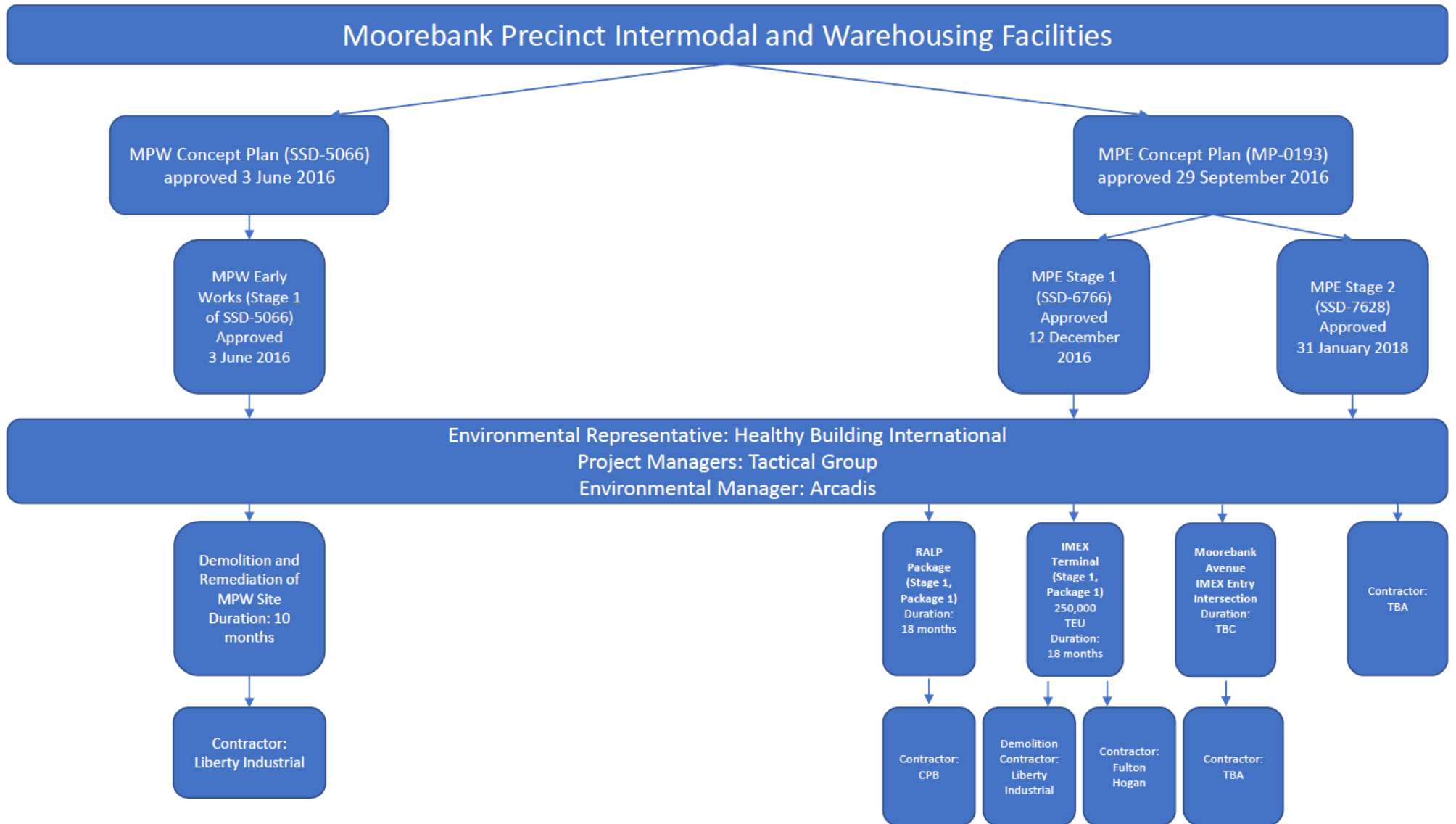


Figure 1-1 Overview of Moorebank Precinct Contract Structure

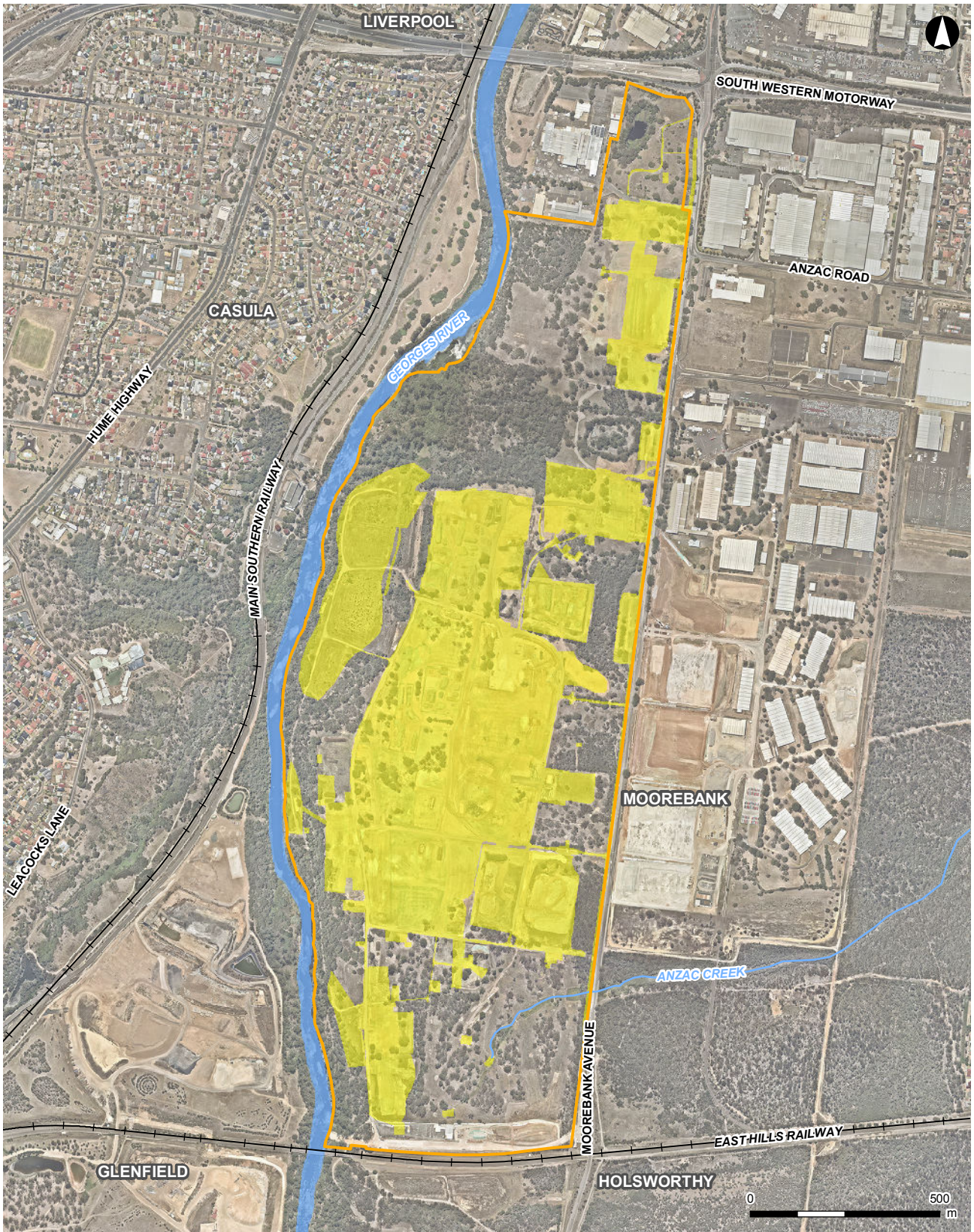
Liberty Industrial will undertake all of the MPW Early Works, under the MPW Concept Approval, granted on 3 June 2016 (SSD 5066), i.e. the subject of this report.

The MPW Project will be delivered under the following existing concept plan and staged approvals:

- Development Consent (SSD-5066) granted by the PAC on 3 June 2016 for the 'Concept Plan Approval' of the MPW Project and Stage 1 Early Works under Part 4, Division 4.1 (now Division 4.7 as of 1 March 2018) of the EP&A Act
- EPBC Approval (No. 2014/7152) granted in May 2014 for the demobilisation of the Department of Defence from the Commonwealth land known formerly as Lot 3001
- EPBC Approval (No. 2011/6086) approved on 27 September 2016 for the impact of the MPW Project on listed threatened species and communities (sections 18 and 18A of the EPBC Act) and Commonwealth land (sections 26 and 27A of the EPBC Act)
- Planning Proposal for the rezoning of the MPW site which was gazetted on 24 June 2016 for an amendment to the Liverpool Local Environmental Plan 2008 (LLEP 2008).

The other approved works to be undertaken within the Moorebank Precinct, namely under the MPE Stage 1 Approval (SSD 14-6766) and MPE Stage 2 (SSD 7628), will be undertaken as part of separate approvals and a separate construction program, and are not the subject of this report.

Moorebank Precinct West 6-Monthly Compliance Report



LEGEND

- Moorebank Precinct West (MPW) Stage 1
- MPW site boundary
- MPW Stage 1 [Early Works] (Liberty Industrial)
- Existing railway
- Watercourse

ARCADIS AUSTRALIA PACIFIC PTY LTD
 ABN 76 104 485 289
 Level 16, 580 George St | Sydney NSW 2000
 P: +61 (0) 2 8907 9000 | F: +61 (0) 2 8907 9001
 Coordinate System: GDA 1994 MGA Zone 56
 Aerial imagery supplied by nearmap (January, 2018)

1:15,000 at A4



Figure 1-2: The extent of the sites for each appointed contractor

1.2 Scope and Purpose

The purpose of this 6-Monthly Compliance Report is to satisfy CoA A2(c)(ii) (see Table 1-1) of the MPW Early Works (Stage 1 of the MPW Project (SSD 5066)) planning approval and to provide to the Department of Planning and Environment (DP&E) a report outlining the status of compliance with the Conditions of Approval and Revised Environmental Mitigation Measures (REMMs). This report covers the period between September 2017 and February 2018.

Table 1-1 Requirements for Compliance Reporting.

| MPW Consent | Condition No. | Condition | Reference |
|----------------------------------|---------------|---|---|
| Conditions of Consent (SSD 5066) | A2 | 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: | CTP has been prepared to satisfy this condition. The CTP was approved by the Secretary on 21 February 2017 prior to the commencement of Early Works. |
| | (c) | provision for periodic reporting of compliance status to the Secretary, including but not limited to: <ul style="list-style-type: none"> ii. Six-monthly, or other timing as agreed by the Secretary, Construction Compliance Reports, for the duration of construction | This 6-monthly compliance report has been prepared to satisfy this condition and provides a description of the compliance status of the Project for the period from September 2017 to February 2018, and will be provided to the Secretary for information. |

1.3 Periodic Review

This compliance report has been prepared in accordance with the Compliance Tracking programme requirements with inputs by Arcadis, Liberty Industrial and SIMTA. The CTP was approved by the Secretary on 21 February 2017.

Regular compliance activities, such as progress meetings, inspections, client surveillance and monitoring have been undertaken in accordance with the CEMP Section 9 and the aspect-specific sub-plans. Environmental controls are inspected regularly to ensure their ongoing suitability and effectiveness as detailed in Section 3 of this report.

2 PROJECT DESCRIPTION

2.1 Site Location and Environmental Constraints

The Moorebank Precinct West (MPW) site is located in the Liverpool Local Government Area (LGA) in Sydney's South West Sub-Region, approximately 4 km south of the Liverpool city centre. The MPW Site is approximately 30 km south-west of the Sydney Central Business District (CBD) and approximately 26 km west of Port Botany.

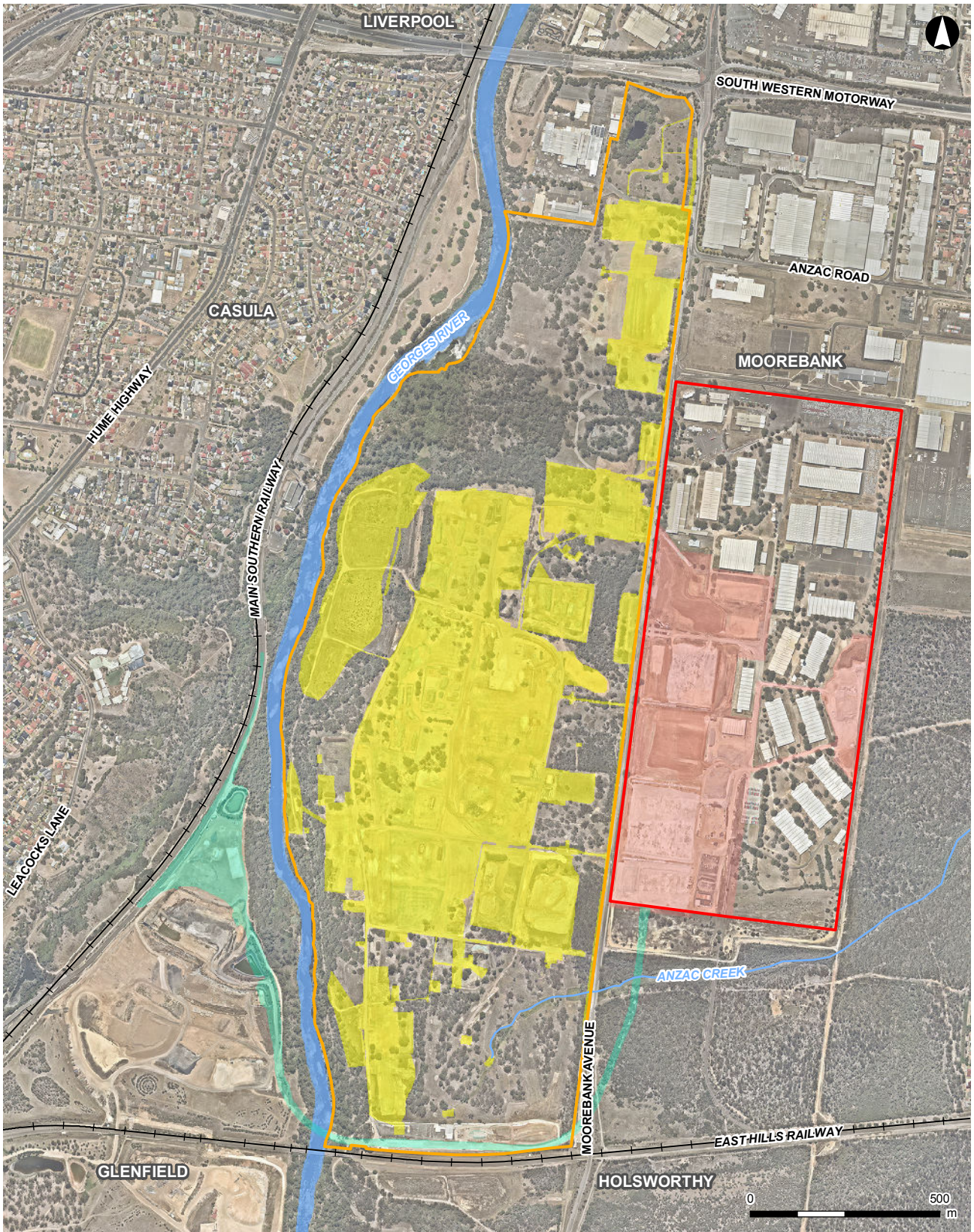
The MPW site is generally bounded by the Georges River to the west, Moorebank Avenue to the east, the East Hills Railway Line to the south and the M5 Motorway to the north. It is located on Moorebank Avenue, Moorebank and forms Lot 1 in Deposited Plan (DP) 1197707¹, which is wholly owned by the Commonwealth, and leased by SIMTA. The site also contains Lots 100 and 101 DP1049508, which are located north of Bapaume Road.

The MPW Early Works footprint (i.e. area of impact) is located within the MPW site as shown in Figure 2-1. The MPW Early Works footprint is predominately located in the central part of the MPW site, however also includes areas of the northern and southern parts of the MPW site.

The MPW Early Works footprint and surrounds include a number of existing environmental constraints, which have been considered as part of the mitigation measures provided within the environmental approvals documentation for the MPW Project. Figure 2-2 shows the extent of the MPW Early Works footprint and key environmental constraints within and outside of the area.

¹ Previously legally described as "Lot 3001, DP 1125930" in the Concept Plan Approval (MP 10_0193), however has since been subdivided.

Moorebank Precinct West 6-Monthly Compliance Report



LEGEND

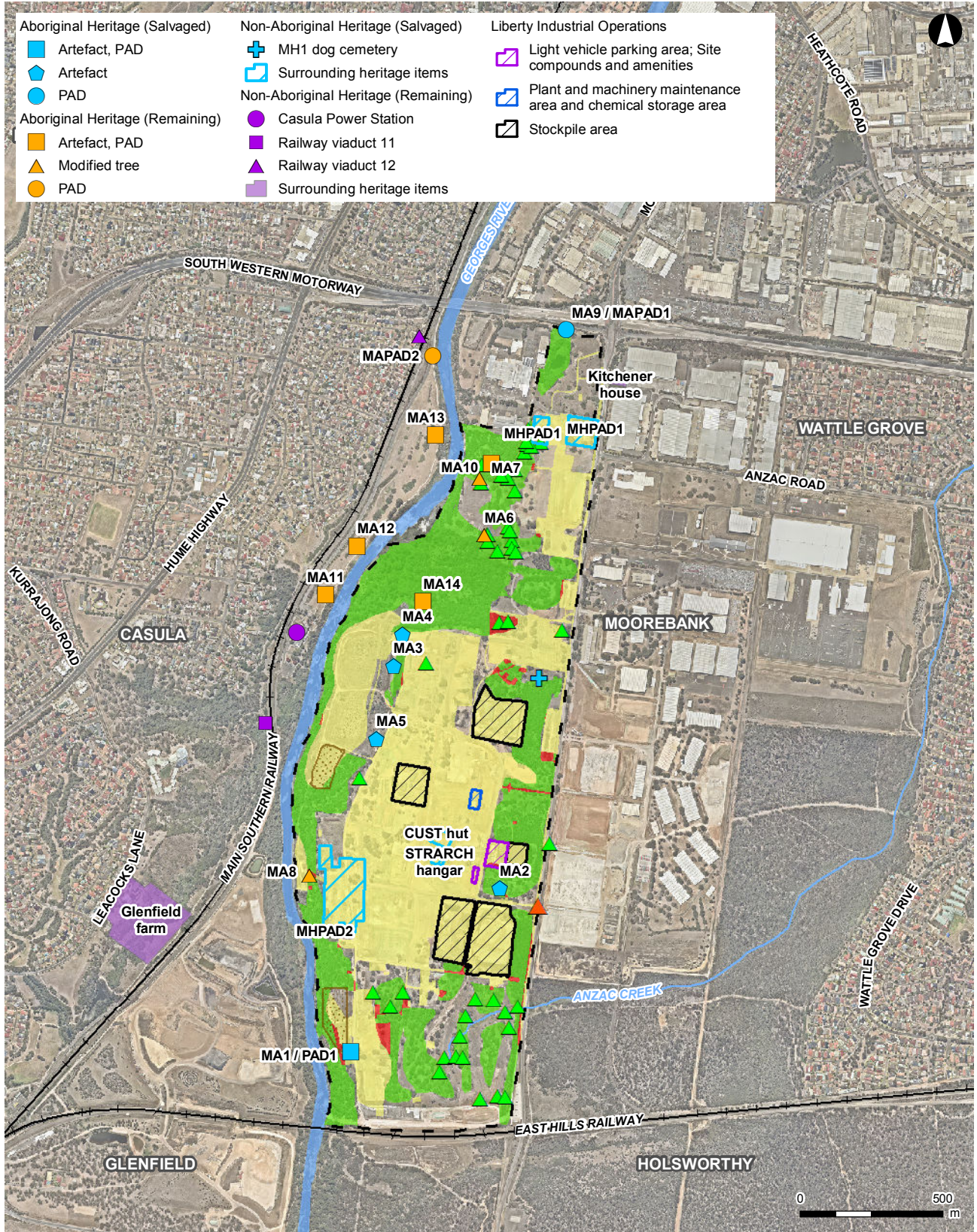
- | | | |
|---|--|--|
| Moorebank Precinct East (MPE) (Stage 2) | Moorebank Precinct West (MPW) | — Existing railway |
| <ul style="list-style-type: none"> MPE site boundary RALP IMEX | <ul style="list-style-type: none"> MPW site boundary MPW Stage 1 (Early Works) | <ul style="list-style-type: none"> Existing railway Watercourse |

ARCADIS AUSTRALIA PACIFIC PTY LTD
 ABN 76 104 485 289
 Level 16, 580 George St | Sydney NSW 2000
 P: +61 (0) 2 8907 9000 | F: +61 (0) 2 8907 9001
 Coordinate System: GDA 1994 MGA Zone 56
 Aerial imagery supplied by nearmap (January, 2018)



Figure 2-1: The extent of the MPW Early Works footprint

Moorebank Precinct West 6-Monthly Compliance Report



LEGEND

- MPW site boundary
- Site entry and exit
- Hollow bearing tree
- Existing railway
- Watercourse
- Known PFAS Contamination: Exclusion Zone
- Vegetation exclusion area
- Approximate Early Works footprint boundary
- Approximate Early Works (only to occur if no impact to EEC)

ARCADIS AUSTRALIA PACIFIC PTY LTD
 ABN 76 104 485 289
 Level 16, 580 George St | Sydney NSW 2000
 P: +61 (0) 2 8907 9000 | F: +61 (0) 2 8907 9001
 Coordinate System: GDA 1994 MGA Zone 56
 Aerial imagery supplied by nearmap (January, 2018)

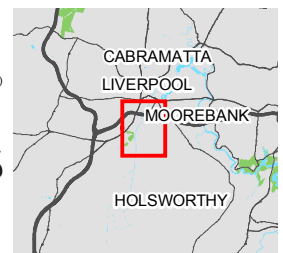


Figure 2-2: MPW Early Works Environmental Constraints Map

2.2 Scope of Works

Liberty Industrial have been appointed to undertake the MPW Early Works Project which is also referred to as Land Preparation Works – Demolition and Remediation (LPWDR) in construction documentation. Early Works is defined in the Conditions of Consent (Development) as:

“the demolition of buildings, including services termination and diversion; rehabilitation of the excavation/ earthmoving training area; remediation of contaminated land; removal of underground storage tanks; heritage impact remediation works; and the establishment of construction facilities and access, including site security.”

Based on this approval and the associated approvals documentation, the complete scope of works included within the MPW Early Works Project is as follows:

- The demolition of existing buildings and structures
- Service utility terminations and diversion/relocation
- Removal of existing hardstand/roads/pavements and infrastructure associated with existing buildings
- Rehabilitation of the excavation/earthmoving training area (i.e. ‘dust bowl’)
- Remediation of contaminated land and hotspots, including areas known to contain asbestos, and the removal of:
 - Underground storage tanks (USTs)
 - Unexploded ordnance (UXO) and explosive ordnance waste (EOW) if found
 - Asbestos contaminated buildings
- Archaeological salvage of Indigenous and European sites
- Establishment of a conservation area along the Georges River
- Establishment of construction facilities (which may include a construction laydown area, site offices, hygiene units, kitchen facilities, wheel wash and staff parking) and access, including site security
- Vegetation removal, including the relocation of hollow-bearing trees, as required for remediation/demolition purposes.

The MPW Concept Development Consent (Definitions), provides the following definition for construction:

“Construction includes all work in respect of the SSD other than:

- *Survey; acquisitions; or building/ road dilapidation surveys; fencing; investigative drilling, excavation or salvage; and work undertaken in accordance with a strategy or salvage operation required by the conditions of this approval; or minor clearing or translocation of native vegetation that does not comprise any EECs.*
- *Establishment of site compounds and construction facilities*
- *Installation of environmental mitigation measures*
- *Utilities adjustment and relocation that do not present a significant risk to the environment, as determined by the Environmental Representative*
- *Other activities determined by the Environmental Representative to have minimal environmental impact.”*

Based on the above definition of construction, ‘pre-construction works’ have been defined as follows:

- Repair of perimeter fencing

- Bushfire protection works, including any necessary minor vegetation clearing outside EEC areas.
- EEC and heritage protection fencing/bunting and signage
- Establishment of site compounds. Mobilisation to site to the extent required to undertake pre-construction works
- Soft strip of building interiors and waste management including removal of furniture, cabling, fluorescent light tubes, PCB capacitors, and asbestos and degassing of air conditioning units. Heritage buildings only to be soft stripped once archival recording has been completed
- Servicing potholing/locating, disconnection, capping and relocation of all services
- Establishment of environmental controls
- Building hazardous material assessments and asbestos removal
- Management of unexpected heritage and contamination finds

The risks and mitigation measures associated with the construction activities are managed in accordance with the DP&E approved Construction Environment Management Plan (CEMP).

2.3 Works Undertaken – September, 2017 to February, 2018

The physical works that have been undertaken during this reporting period are outlined below:

- Reinstatement of remediation excavations of unexpected asbestos finds northeast of Lake Sisinyak and west of Lake Sisinyak
- Completion of excavation and remediation of anthropogenic fill in the areas known as “North of Lake Sisinyak” and “East of Lake Sisinyak”
- Continuation of remediation of contaminated and unexpected finds associated with services in northern quarter of site and Royal Australian Engineers (RAE) Golf Course
- Remediation of contaminated and expected finds associated with services – a large proportion of services onsite was either constructed of Hazardous materials or in contaminated backfill
- Transport and disposal of asbestos contaminated soil to licensed landfill facilities
- Stockpiling and remediation of excavated soils in designated stockpile and remediation areas
- Classification and stockpiling of topsoil at various locations for future re-use
- Asbestos remediation of excavated soils
- Continued removal of services and utilities outside EEC areas and progressive reinstatement of excavations in northern quarter of site and the RAE golf course
- Continuation of polymer stabilisation of completed areas in preparation for maintenance period between MPW Stage 1 works and MPW Stage 2 works
- Removal of four UST not Polyfluoroalkyl Substances (PFAS) affected and remediation of associated soils as required
- Assessment of geotechnical suitability of remediated soils for re-use onsite
- Importation of validated backfill materials

Moorebank Precinct West –6 Monthly Construction Compliance Report

- Commencement of installation of medium term sediment and erosion control measures including sedimentation basins and catch drains
- Reinstatement in the area known as “Crane Training Yard” and in a small area north west of the former parade ground
- Completion of demolition works
- Stockpiling of concrete and road pavements for future recycling.

3 PROJECT COMPLIANCE

3.1 Inspections

3.1.1 Internal Inspections

Internal inspections are undertaken by Liberty Industrial's Environmental Advisor on a regular basis. These are interspersed by inspections undertaken by the Environmental Representative (ER) as detailed in Section 3.1.2.

Internal inspections found no significant non-compliance issues. However, it was noted that the south eastern part of the site needed additional polymer for dust suppression. It was also noted that PFAS contamination is still under investigation. The results of these contamination investigations may require additional remedial works.

3.1.2 Environmental Representative Inspections

The ER undertook 15 inspections generally on a fortnightly basis. Quarterly reports were submitted to DP&E by the ER in November 2017 and March 2018 within 7 days of the end of the reporting period, as per Condition of Consent D2. The dates on which these inspections took place are listed below:

- 08/08/17
- 22/08/17
- 05/09/2017
- 19/09/2017
- 03/10/17
- 17/10/17
- 1/11/17
- 14/11/17
- 28/11/17
- 12/12/2017
- 21/12/2017
- 09/01/2018
- 23/01/2018
- 06/02/2018
- 21/02/2018

3.2 Other Regulator Inspections

The DP&E completed an inspection of the site on 21 November 2017. Upon completion it was noted that there were no non-compliance issues.

3.3 Audits Undertaken

An external audit was completed by WSP for the September 2017-February 2018 reporting period on 28 February 2018. The report detailing the findings of this audit is pending.

3.4 Monitoring

3.4.1 Asbestos Air Monitoring

Asbestos air monitoring has been undertaken daily during asbestos remediation works throughout this reporting period. Monitoring is undertaken and reported by JBS&G in accordance with the *National Occupational Health and Safety Commission Guidance Note on the Membrane Filter Method for the Estimating Airborne Asbestos Fibre, 2nd Edition (NOHSC 2005b)*.

This monitoring commenced on 16 March 2017. All results have been below detectable limit of 0.01 fibres/ml of air at boundaries of asbestos removal work areas.

3.4.2 Surface Water Monitoring

Surface water monitoring and testing was carried out in accordance with Soil and Water Management Plan including parameters such as pH, turbidity and visual inspection for oils and grease.

3.5 Environmental Incidents

Three minor non-reportable environmental incidents occurred during the reporting period as outlined below (Table 3-1).

Moorebank Precinct West –6 Monthly Construction Compliance Report

Table 3-1 Summary of Environmental Incidents

| Date | Incident Description | Immediate Action | Cause | Corrective Actions |
|------------|---|---|---|---|
| 14/09/17 | Injury to local fauna | Clearing activity ceased supervisors contacted environmental team. Bird was rescued by an ecologist and taken to local wildlife carer. | There was a small un-identified hollow in a tree that was cleared and not identified in the EIS or pre-clearing walk through. | Continue to follow process in the FFMP and CEMP. |
| 30/10/2017 | Dust generation in Area 'F'. | Works shutdown until conditions improved. | High winds. | Use of multiple water carts to wet and apply polymer to areas of concern and prevent further dust generation. |
| 17/01/2018 | Unmanaged weed growth on topsoil stockpiles and some adjacent areas. No weed inspections were recorded until 17/01/2018 and no treatments were employed until 16/02/2018. | Dragonfly conducted initial weed treatment works on 16/2/18, 23/2/18 and 28/2/18. | Oversight by on site project team. | <ul style="list-style-type: none"> • Meeting between Liberty Industrial, Dragonfly and Biosis on site to delineate site boundaries and discuss required actions • Biosis contracted to commence monthly weed inspections • Dragonfly Environmental commenced weed treatment. Repeat treatments pending monthly inspections • Biosis to continue Monthly Weed Inspections and Dragonfly to continue with treatment when and where necessary. |

All incidents were rated Level 1 (low-minor severity) as defined in the MPW Early Works EMP Section 10.

3.6 Conditions of Consent

Compliance against the Conditions of Consent and the Revised Environmental Mitigation Measures (REMMs) are outlined in Appendix A and Appendix B respectively. It is noted that only the REMMs applicable to Early Works have been included within Appendix B. These appendices show that the works undertaken during this period have been in compliance with the MPW Concept Approval.

3.6.1 Non-Compliance

No non-compliances against the project approvals have been recorded during this reporting period.

3.7 Newly Identified Environmental Risks

3.7.1 Unexpected Contamination Finds

Unexpected asbestos finds have been identified across the site, as well as in anthropogenic fill, and buried services constructed out of asbestos containing material (ACM). The unexpected contamination finds were managed in accordance with Remediation Action Plan i.e. works stopped immediately and area delineated and signposted. An asbestos hygienist was notified to inspect the find and remove the asbestos under restricted access and conditions with correct asbestos removal protective equipment, finally including classification and licensed transport and disposal of asbestos materials. The hygienist provided clearance and validation of contaminated areas and will include the unexpected finds in the final validation reports.

The risk of asbestos finds, and appropriate management of asbestos is outlined within the induction and site staff were reminded of the requirements during pre-starts when necessary as general awareness and prior to ground breaking activities.

3.8 Complaints Management

Three complaints were recorded during this reporting period. All complaints and enquiries were managed in accordance with the Community Communication Strategy Section 7.6 Complaints and Enquiry Handling Flowchart. Table 3-2 summarises the nature of the complaints relating to the MPW site.

Table 3-2 Complaints Summary

| Date | Reporting Mechanism | Description | Comments/Action | Close Out Date |
|-----------|---|--|---|----------------|
| 1/05/2017 | Department of Planning and Environment. | Loud constant banging noise was allegedly emanating from the site at 4:30am. | No works were conducted at Moorebank SIMTA by Liberty Industrial on 1 May 2017 before 7am. This complaint was received outside the reporting period for this compliance report (September 2017-February 2018). | 20/02/2018 |

Moorebank Precinct West –6 Monthly Construction Compliance Report

| Date | Reporting Mechanism | Description | Comments/Action | Close Out Date |
|------------|---|--|---|----------------|
| | | | However, written notification of this complaint was not received until 19 February 2018 and has therefore been included herein. | |
| 19/01/2018 | Department of Planning and Environment. | Loud constant banging noise was allegedly emanating from the site at 4:30am. | No works were conducted at Moorebank SIMTA by Liberty Industrial on 19 January 2018 before 7am. | 20/02/2018 |
| 16/02/2018 | Department of Planning and Environment. | Loud constant banging noise was allegedly emanating from the site at 4:30am. | No works were conducted at Moorebank SIMTA by Liberty Industrial on 16 February 2018 before 7am. | 20/02/2018 |

4 CONCLUSION

At the completion of this compliance period, it has been deemed that there are no outstanding non-compliance issues identified and works were undertaken in accordance with the approved Construction Environmental Management Plan and associated sub-plans. Periodic review of compliance against the Conditions of Consent and the REMMs will continue to be undertaken, along with the periodic ER reports.

APPENDIX A COMPLIANCE TABLE - CONDITIONS OF CONSENT

MPW Early Works: 6 Monthly Compliance Tracking- Conditions of Approval (CoA)

Responsibility for Compliance:
SIMTA (Principal)
Liberty Industrial (Contractor)

| No. | Type | Condition | Timing | Overall Responsibility | | Secretary Approval Required? | Compliance Status | Date Completed / Approval Received | Reference Document | Evidence / Comments |
|---------------------------------------|---|---|--------------|------------------------|--------------------|------------------------------|---|---|--|---|
| | | | | Principal | Liberty Industrial | | | | | |
| Schedule 2 - Terms of Approval | | | | | | | | | | |
| 1 | Development Description | Except as amended by the conditions of this consent, development consent is granted only to the Concept Proposal and Early Works as described in Schedule 1 and the Environmental Impact Statement dated October 2014, as amended by the Response to Submissions, dated May 2015 (as further amended by the Supplementary Response to Submissions dated August 2015), and the conditions contained in this development consent. | Early Works | ✓ | | No | Compliant | Provisional Approval 3/02/2017 | Construction Environmental Management Plan (CEMP) | Early Works are being undertaken in accordance with the documents listed in Condition 1. |
| 2 | Determination of Future Applications | In accordance with section 83B(3)(a) of the EP&A Act, all future development under the Concept Proposal (for the avoidance of doubt, excluding the Early Works) shall be the subject of future development application(s). | | ✓ | | No | Not applicable to this reporting period | | Not Applicable | This compliance report relates only to Early Works. |
| 3 | | The determination of the future development application(s) are to be generally consistent with the terms of this development consent as described in Schedule 1, and subject to the conditions in Schedule 4 | | ✓ | | No | Not applicable to this reporting period | | Not Applicable | This compliance report relates only to Early Works. |
| 4 | Development in Accordance with Plans and Documents | The applicant shall carry out the development generally in accordance with the: a) Environmental Impact Statement titled Moorebank Intermodal Terminal Project Environmental Impact Statement, prepared by Parsons Brinckerhoff Australia Pty Limited, dated October 2014; b) Response to Submissions report titled, Moorebank Intermodal Terminal Response to Submissions Report, prepared by Parsons Brinckerhoff Australia Pty Limited, dated May 2015; c) Supplementary Submissions report titled, Moorebank Intermodal Terminal Supplementary Response to Submissions Report, prepared by Parsons Brinckerhoff Australia Pty Limited, dated August 2015; and d) the conditions of this consent | All Stages | ✓ | ✓ | No | Compliant | | CEMP and sub plans | All MPW Early Works plans and documents have been prepared in accordance with condition 4(a) to 4(d). All conditions and relevant Revised Environmental Mitigation Measures have been included and addressed within these documents. Ongoing compliance with these conditions are outlined within the Compliance Tracking program and associated compliance reports. |
| 5 | | In the event of an inconsistency between: (a) the conditions of this approval and any document listed from condition 4(a) to 4(c) inclusive, the conditions of this approval shall prevail to the extent of the inconsistency; and (b) any document listed from condition 4(a) to 4(c) inclusive, and any other document listed from condition 4(a) to 4(c) inclusive, the most recent document shall prevail to the extent of the inconsistency. | | ✓ | ✓ | No | Compliant | | Compliance Reports | Where inconsistencies are identified, they will be reported through the compliance reports. No inconsistent reports were issued during this reporting period |
| 6 | Limits of Approval | Projects carried out under this staged development consent are to be assessed with the objective of not exceeding the capacity of the transport network, including the local, regional and State road network | All Stages | ✓ | ✓ | No | Compliant | | Construction Traffic and Access Management Plan and Environmental Impact Statement | Works will be undertaken in line with the EIS traffic assessment ensuring the capacity of the road network is not exceeded. CTAMP has been updated on 19/01/2018 and road network capacity has been considered. |
| 7 | | Concept approval is granted for interstate terminal container freight with a throughput of up to 500,000 TEU p.a. if the combined movement of container freight on the Subject Site does not exceed 1.05 million TEU p.a. The consent authority must also be satisfied that the Traffic Impact Assessment demonstrates that the interstate terminal would not exceed the capacity of the transport network with or without mitigation measures/upgrades. | Construction | ✓ | | | NA | | Not Applicable | This compliance report relates only to Early Works. |
| 8 | | For the IMEX terminal, concept approval is granted for the movement of container freight by up to: a) initially, 250,000 TEU p.a. if the consent authority is satisfied that the Traffic Impact Assessment demonstrates the proposal would not exceed the capacity of the transport network with or without mitigation measures/upgrades; a) initially, 250,000 TEU p.a. if the consent authority is satisfied that the Traffic Impact Assessment demonstrates the proposal would not exceed the capacity of the transport network with or without mitigation measures/upgrades; b) after the facility has been in operation, an increase of up to an additional 300,000 TEU p.a. if the consent authority is satisfied that monitoring and modelling of the operation of the IMEX terminal demonstrates that traffic movements resulting from the proposed increase in TEU will achieve the objective of not exceeding the capacity of the transport network. The combined movement of container freight on the Subject Site must not exceed 1.05 million TEU p.a. | Construction | ✓ | | | NA | | Not Applicable | This compliance report relates only to Early Works. |
| 9 | | Concept approval is granted for the rail terminals (IMEX and interstate) incorporating either: a) the rail link; or b) if a rail link is under construction or has been constructed associated with the SIMTA development as identified in development application MP10_0193, then only a short connection from the IMEX/interstate terminals to the SIMTA rail connection on the eastern side of the Georges River | | ✓ | | | NA | | Not Applicable | This compliance report relates only to Early Works. |
| 10 | | Port shuttle operations must use: a) Locomotives that incorporate available best practice noise and emission technologies. Prior to construction of the rail link connecting to the site, the Applicant is to 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 b) Wagons that incorporate available best practice noise technologies including as a minimum, 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 is to submit a report to the Secretary for consideration and approval that has been prepared in consultation with TfNSW and EPA that justifies the technology proposed and how it meets the objective of best practice noise technologies. | | ✓ | | | NA | | Not Applicable | This compliance report relates only to Early Works. |
| 11 | 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. The system shall capture the noise from each individual train passby noise generation event, and include information to identify: a) Time and date of freight train passbys; b) Imagery or video to enable identification of the rolling stock during day and night; c) LAeq(15hour) and LAeq(9hour) from rail operations; and d) LAF(max) and SEL of individual train passbys, measured in accordance with ISO3095; or e) Other alternative information as agreed with, or required by, the Secretary. 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 within 24 hours of it passing the monitor, unless unforeseen circumstances (i.e. a system malfunction) have occurred. The LAeq(15hour) and LAeq(9hr) results from each day shall be available on the website within 24 hours of the period ending. 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. 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 either the IMEX or interstate terminal (whichever operates first). The Secretary shall consider the need for further reporting following a review of the results for year 5. | | ✓ | | | NA | Not Applicable | This compliance report relates only to Early Works. | | |

MPW Early Works: 6 Monthly Compliance Tracking - Conditions of Approval (CoA)

Responsibility for Compliance:
SIMTA (Principal)
Liberty Industrial (Contractor)

| No. | Type | Condition | Timing | Overall Responsibility | Secretary Approval Required? | Compliance Status | Date Completed / Approval Received | Reference Document | Evidence / Comments |
|-----|---|--|-------------------------|------------------------|------------------------------|-------------------|------------------------------------|--|--|
| 12 | | Prior to submitting any Development Application for either the IMEX or interstate terminal, the Applicant shall convene a meeting with regard to proposed traffic assumptions and mitigation measures. The Applicant must: a) Invite SIMTA, TfNSW, RMS, Liverpool City Council and Campbelltown City Council. Each Council may also invite a maximum of two community representatives to attend. b) At the meeting, present the scope and assumptions of the mesoscopic/microsimulation traffic modelling, the draft Traffic Impact Assessment and any proposed mitigation measures including timing on the delivery of any proposed measures; c) Publish the meeting minutes and a schedule of action items arising from the meeting, including responsibilities and timeframes on its website; d) Prepare a written report responding to the action items and consult with RMS on the action items and final mitigation measures; and e) Provide details of the undertaking and outcomes of this condition in the EIS. | Construction/ Design | ✓ | | NA | | Not Applicable | This compliance report relates only to Early Works. |
| 13 | Containers must be transferred from Port Botany to the site and from the site to Port Botany by rail, unless there is planned track maintenance or 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. | ✓ | | | NA | | Not Applicable | This compliance report relates only to Early Works. | |
| 14 | Operations on the Subject Site cannot commence until a rail connection to the SSFL is operational. | ✓ | | | NA | | Not Applicable | This compliance report relates only to Early Works. | |
| 15 | The warehousing must only be used for activities associated with freight using the IMEX and interstate terminals unless otherwise approved in a subsequent Development Application. | ✓ | | | NA | | Not Applicable | This compliance report relates only to Early Works. | |
| 16 | Building heights are to be a maximum of 21 metres and other structures are to be generally consistent with Appendix D Landscape and Visual Impact of the Response to Submissions dated May 2015. | ✓ | | | NA | | Not Applicable | This compliance report relates only to Early Works. | |
| 17 | Building setbacks are to be generally consistent with Appendix D Landscape and Visual Impact of the Response to Submissions dated May 2015. | ✓ | | | NA | | Not Applicable | This compliance report relates only to Early Works. | |
| 18 | The layout of the site shall not prevent a possible future pedestrian connection to Casula Railway Station | ✓ | | | NA | | Not Applicable | This compliance report relates only to Early Works. | |
| 19 | The layout of the site shall be designed to ensure heavy vehicles associated with the operation of the terminals 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. | ✓ | | | NA | | Not Applicable | This compliance report relates only to Early Works. | |
| 20 | This approval will lapse ten years from the date of this approval unless works the subject of Early Works (Stage 1) or any related application are physically commenced, on or before that lapse date. | ✓ | | | No | Compliant | | Environmental Work Method Statement and Environmental Constraints Maps | Pre-construction works (as defined under the definition of construction) commenced on 26 August 2016 under an ER approved Environmental Works Method Statement. Construction works commenced 4th February 2017 following approval of the CEMP and sub-plans by DP&E. |
| 21 | Secretary as Moderator 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. | ✓ | | | No | Compliant | | Not Applicable | There have been no disputes during this reporting period. |
| 22 | Legal Notices Any advice or notice to the consent authority shall be served on the Secretary | ✓ | | Yes | Compliant | NA | Not Applicable | There have been no advice or notices during this reporting period. | |

MPW Early Works: 6 Monthly Compliance Tracking- Conditions of Approval (CoA)

Responsibility for Compliance:
SIMTA (Principal)
Liberty Industrial (Contractor)

| No. | Type | Condition | Timing | Overall Responsibility | Secretary Approval Required? | Compliance Status | Date Completed / Approval Received | Reference Document | Evidence / Comments | | | | | | |
|---|------------------------------------|--|------------------|------------------------|---|---|---|--|---|--|-----------|---|---------------|---|---|
| Schedule 3 Conditions to be Met for Early Works (Stage 1) | | | | | | | | | | | | | | | |
| Part A - Administrative Conditions | | | | | | | | | | | | | | | |
| A1 | Subject Land | The land Subject to this part to the intermodal site (Lot 1 DP 1197707, Lot 100 DP 1049508, Lot 101 DP 1049508 and Lot 2 DP 1197707) | All Stages | ✓ | ✓ | No | Compliant | Environmental Work Method Statement and Environmental Constraints Maps | The construction works have been undertaken wholly within the project boundaries as shown in the Environmental Constraints Maps which relate to Lot 1 DP 1197707, Lot 100 DP 1049508, Lot 101 DP 1049508 and Lot 2 DP 1197707 | | | | | | |
| A2 | Compliance Tracking and Monitoring | 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 the Early Works stage. The Program shall include, but not be limited to: | Early Works | ✓ | ✓ | No | Compliant | 21/02/2017 | Environmental Work Method Statement and Environmental Constraints Maps | CTP approved by DP&E on 21/02/2017. | | | | | |
| | | (a) provision for the notification to the Secretary prior to the commencement of construction; | | | | | | | | ✓ | Yes | Complete | 21/02/2017 | Compliance Tracking Programme (CTP) | This is outlined in the CTP Section 2.1 |
| | | (b) provision for periodic review of the compliance status of the SSD against the requirements of this approval; | | | | | | | | ✓ | Yes | Complete | 21/02/2017 | | This is outlined in the CTP Section 2.2 |
| | | (c) provision for periodic reporting of compliance status to the Secretary, including but not limited to: | | | | | | | | ✓ | Yes | Complete | 21/02/2017 | | This is outlined in the CTP Section 2.2 |
| | | (i) a Pre-Construction Compliance Report prior to the commencement of early works, | | | | | | | | ✓ | Yes | Complete | 21/02/2017 | MPW PCCR | The pre-construction compliance report relates to activities undertaken in relation to this conditions of approval for all pre-construction works which was issued to DPE on 21/02/2017 |
| | | (ii) Six-monthly, or other timing as agreed by the Secretary, Early Works Compliance Reports, for the duration of early works, and | | | | | | | | ✓ | Yes | Compliant | | 6-monthly/ completion compliance report | The first 6 monthly compliance report covered works between Feb 2017 and Sept 2017. This 6 monthly compliance report covers the period between Sept 2017 and Feb 2018. |
| | | (iii) a Completion Compliance Report within one month of completion of the early works stage; | | | | | | | | ✓ | Yes | Not applicable to this reporting period | | | The Completion Compliance Report and will be submitted within one month of the completion of Early Works. |
| | | (d) a program for independent environmental auditing in accordance with AS/NZS ISO 19011:2014 - Guidelines for Auditing Management Systems ; | | | | | | | | ✓ | Yes | Complete | 21/02/2017 | Compliance Tracking Programme | CTP approved by DP&E on 21/02/2017. This is outlined in the CTP Section 2 |
| | | (e) mechanisms for recording environmental incidents during construction and actions taken in response to those incidents; | | | | | | | | ✓ | Yes | Complete | 21/02/2017 | | CTP approved by DP&E on 21/02/2017. This is outlined in the CTP Section 2.4 |
| | | (f) provision for reporting environmental incidents to the Secretary during construction, in accordance with conditions A3 and A4; | | | | | | | | ✓ | Yes | Complete | 21/02/2017 | | CTP approved by DP&E on 21/02/2017. This is outlined in the CTP Section 2.5 |
| (g) procedures for rectifying any non-compliance identified during environmental auditing, review of compliance or incident management; and | ✓ | Yes | Complete | 21/02/2017 | CTP approved by DP&E on 21/02/2017. This is outlined in the CTP Section 2.6 | | | | | | | | | | |
| (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. | ✓ | Yes | Complete | 21/02/2017 | | CTP approved by DP&E on 21/02/2017. This is outlined in the CTP Section 2.7 | | | | | | | | | |
| A3 | Incident Reporting | The applicant shall notify the Secretary and Relevant public authorities of any incident with actual or potential significant on-site or offsite 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. | Early Works | ✓ | Yes | Compliant | Compliant | Incident Management Plan (IMP) Section 3 | No reportable incidents have occurred during this reporting period in accordance with Section 10 of the EWEMP. | | | | | | |
| A4 | | 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 A3, within such period as the Secretary may require. | | | | | | | ✓ | Yes | Compliant | Compliant | IMP Section 3 | The Project has received correspondence regarding noise complaints on 19/02/2018. The Project has prepared a response and submitted to DPE 09/03/2018, however this did not trigger any incident reporting as per Condition A3. | |
| Part B - Prior to Construction | | | | | | | | | | | | | | | |
| B1 | Demolition | 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. | Early Works | ✓ | ✓ | No | Compliant | Construction (Demolition) Management Plan | Demolition work is carried out in accordance with the Construction (Demolition) Management Plan and Australian Standard AS 2601:2001 | | | | | | |
| B2 | Contamination | 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 land in accordance with the Liverpool Local Environmental Plan 2008 | Early Works | ✓ | ✓ | No | Compliant | Site Remediation Plan | No excavation has occurred below 5 metres AHD during the reporting period. All works have been undertaken in accordance with the approved site remediation plan, which is verified by the site auditor. | | | | | | |
| B3 | Contamination | The subject site is to be remediated in accordance with: | Early Works | ✓ | No | Compliant | Not applicable to this reporting period | Site Remediation Plan | All remediation is carried out in accordance with the approved Remedial Action Plan. All works under the RAP are ongoing and signed off by the site auditor progressively. | | | | | | |
| | | a) The approved Remedial Action Plan; | | | | | | | No | Notice of completion not applicable at this stage. | | | | | |
| | | b) State Environmental Planning Policy No. 55 – Remediation of Land ; and | | | | | | | No | | | | | | |
| c) The guidelines in force under the Contaminated Land Management Act . | No | | | | | | | | | | | | | | |
| B4 | Soil and Water Quality | The Early Works shall be undertaken to comply with section 120 of the Protection of the Environment Operations Act 1997 , which prohibits the pollution of waters. | Early Works | ✓ | ✓ | No | Compliant | CSWMP Section 6.1.1 | No environmental incidents relating to the pollution of waters has occurred during this reporting period. | | | | | | |
| B5 | | 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 | Early Works | ✓ | ✓ | No | Not applicable to this reporting period | CSWMP Section 6.1.1 | No works have occurred on or under waterfront land as defined under the Water Management Act 2000 during this reporting period | | | | | | |
| B6 | | The Applicant shall not harm, modify or otherwise impact any heritage items outside the subject site. | All Stages | ✓ | ✓ | No | Compliant | Salvage Strategy and Aboriginal Heritage Management Plan | No works have occurred outside the project boundary. All works are located within the MPW site boundary. | | | | | | |
| | | Prior to the commencement of Early Works affecting Aboriginal sites MA1, MA2, MA3, MA4, MA5 and MA9, the Applicant shall: | Pre-construction | ✓ | Yes | Compliant | 15/06/2017 | Salvage Strategy and Construction Heritage Management Plan | A salvage strategy was approved by DPE on 15/06/17. All required investigation works have been completed in late 2017. A summary report is in preparation. | | | | | | |
| | | (a) develop a detailed salvage strategy, prepared in consultation with the OEH (Aboriginal heritage) and the Aboriginal stakeholders. The investigation program shall be prepared to the satisfaction of the Secretary; and | Pre-construction | ✓ | Yes | Compliant | 15/06/2017 | Salvage Strategy and Construction Heritage Management Plan | A salvage strategy was approved by DPE on 15/06/17. All required investigation works have been completed in late 2017. A summary report is in preparation. | | | | | | |
| | | (b) undertake any further archaeological excavation works recommended by the results of the Aboriginal archaeological investigation program. | Pre-construction | ✓ | Yes | Compliant | 15/06/2017 | Salvage Strategy and Construction Heritage Management Plan | A salvage strategy was approved by DPE on 15/06/17. All required investigation works have been completed in late 2017. A summary report is in preparation. | | | | | | |

MPW Early Works: 6 Monthly Compliance Tracking - Conditions of Approval (CoA)

Responsibility for Compliance:
SIMTA (Principal)
Liberty Industrial (Contractor)

| No. | Type | Condition | Timing | Overall Responsibility | Secretary Approval Required? | Compliance Status | Date Completed / Approval Received | Reference Document | Evidence / Comments |
|-----|------------------|---|------------------|------------------------|------------------------------|-------------------|------------------------------------|---|--|
| B7 | Heritage | 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. | Pre-construction | ✓ | Yes | In-progress | In-progress | Salvage Strategy and Aboriginal Heritage Management Plan | Salvage of MA1-MA5, and MA9 on MPW has been completed. Addition heritage items uncovered are currently being assessed and interpreted. |
| B8 | | Prior to the commencement of Early Works affecting non-Aboriginal sites MHPAD1 and MHPAD2, the Applicant shall undertake any further archaeological excavation works recommended by the results of the non-Aboriginal archaeological investigation program. Within 12 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 the identification of a final repository for finds, prepared in consultation with the OEH (Heritage branch) and to the satisfaction of the Secretary. | Pre-construction | ✓ | No | Compliant | | Salvage Strategy and Aboriginal Heritage Management Plan | Salvage of MA1-MA5, and MA9 on MPW has been completed. Addition heritage items uncovered are currently being assessed and interpreted. |
| B9 | | Prior to the commencement of Early Works affecting the CUST Hut, RAAF STRARCH Hangar, the Dog Cemetery and Commemorative Gardens, the Applicant shall prepare a report in consultation with the Heritage Council of NSW, the local Council and the local Historical Society which considers the options for mitigation of these items. In relation to the Dog Cemetery, consultation should also occur with the School of Military Engineering's Explosive Detection Dog's Unit. The report shall include the archival recordings and the historical research, where required, to the Secretary, the Heritage Council of NSW, the local Council and the local Historical Society. | Pre-construction | ✓ | No | Complete | 8/12/2016 | Options for Mitigation Report | Options for Mitigation Reports were developed for each of the heritage values identified in condition B9. The Options for Mitigation Reports were submitted to DP&E on 8 December 2016 for information and outlined the measures taken to ensure mitigation of these heritage items is fully investigated. Consultation has been undertaken with all relevant stakeholders. A copy of the reports has also been issued to Liverpool City Council, Office of Environment and Heritage, and the local Historical Society (Moorebank Heritage Group) as required by Condition B9. Salvage of the CUST Hut, the Dog Cemetery and Commemorative Gardens have commenced during pre-construction. |
| B10 | Dangerous Goods | 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 c) the <i>Environment Protection Manual for Authorised Officers: Bunding and Spill Management, technical bulletin</i> (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. | All Stages | ✓ | No | Compliant | | Hazardous Materials Management Plan Section 7.1 | Storage of dangerous goods are routinely inspected during environmental inspections. Requirements for storage are outlined in Section 7.1 of the Hazardous Materials Management Plan |
| B11 | | The Applicant shall carry out all feasible and reasonable measures to minimise dust generated by the Development | All Stages | ✓ | No | Compliant | | | |
| B12 | Dust Management | During Early Works, the Applicant shall ensure that: a) all vehicles on site do not exceed a speed limit of 30 kilometres per hour; and b) 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. | All Stages | ✓ | No | Compliant | | CAQMP Section 5 | Dust mitigation measures are routinely checked as part of environmental inspections. Dust mitigation measures such as sign posted speed limit ,30 km/h on internal haul roads, use of a water cart, stabilised access points, use of existing hard stand, polymer, street sweepers, and a rumble grid at the site exit are implemented on site. |
| B13 | | 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 offsite. | | ✓ | No | Compliant | | | |
| B14 | Waste Management | All liquid and/or non-liquid waste generated on the site shall be assessed and classified in accordance with <i>Waste Classification Guidelines</i> (Department of Environment, Climate Change and Water 2009). | | ✓ | No | Compliant | | | |
| B15 | | 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. | All Stages | ✓ | No | Compliant | | Hazardous and Contaminated Materials Management Strategy and Waste Management Strategy (CEMP Appendix A4) | Waste management is outlined in Appendix A4 of the CEMP. To date liquid waste and mixed waste from soft strip activities have been removed from site and sent to a licenced waste facility. |
| B16 | | 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 Early Works 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. | | ✓ | No | Compliant | | Consultation Register | Utilities services identification has consisted of pot holing and dial before you dig surveys. The Project contractor (Liberty) has liaised with the relevant utility services providers prior to decommissioning across the site. |
| B17 | | The Applicant shall prepare dilapidation surveys and reports on the condition of local roads, footpaths, services and utilities affected by Early Works. The Applicant shall carry out rectification work at the Applicant's expense and to the reasonable requirements of the owners for damage resulting from the completion of Early Works. | | ✓ | No | Compliant | | Dilapidation Report | Dilapidation Report produced by Craigmar Consulting 26/07/2016. Early works continuing, no rectification planned at this stage. |

MPW Early Works: 6 Monthly Compliance Tracking - Conditions of Approval (CoA)

Responsibility for Compliance:
SIMTA (Principal)
Liberty Industrial (Contractor)

| No. | Type | Condition | Timing | Overall Responsibility | Secretary Approval Required? | Compliance Status | Date Completed / Approval Received | Reference Document | Evidence / Comments | |
|---|-----------------------------------|--|------------------|------------------------|------------------------------|-------------------|------------------------------------|--------------------------------------|---|---|
| B18 | Utilities and Services | 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. | All Stages | ✓ | No | Compliant | | CTAMP Section 3, 6, appendix A and B | No works have been undertaken on Moorebank Avenue for MPW (SSD 5066) to date. There are no planned works on Moorebank Avenue. Access to the site is via the existing Chatham Avenue entrance, a signalised access point with a dedicated right turn lane into site. Resident access will not be affected during works. Construction heavy vehicle access to and from the site via Moorebank Avenue (south) / Cambridge Avenue during Early Works is not permitted. Site traffic will be managed in accordance with Construction Traffic and Access Management Plan. | |
| Part C - Community Information and Reporting | | | | | | | | | | |
| C1 | Community Communications Strategy | Prior to the commencement of Early Works, 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 D1), the relevant Council and community stakeholders (particularly adjoining landowners) on the design and construction environmental management of the Early Works. The Strategy shall include, but not be limited to: (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; | Pre-construction | ✓ | ✓ | Yes | Complete | 21/02/2017 | CCS Section 4 | Elton Consulting has been appointed as the Community Consultant and manages all complaints and enquiries. Elton have prepared a Precinct wide Community Engagement Strategy (CES). Liberty Industrial have developed a Community Communication Strategy (CCS) in line with the CES. Both strategies have been developed in line with the requirements of these conditions as outlined below. Stakeholders have been identified and listed in section 4 of the CCS. The CCS was approved by the Secretary on 21/02/2017. |
| | | (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 | | ✓ | ✓ | Yes | Complete | 21/02/2017 | CCS Section 6 | A Precinct wide Community Communication Strategy has been produced by Elton. Liberty Industrial also produced a strategy which feeds into this. See CCS section 6. Procedures and mechanisms used for distribution of project information include: SIMTA website, letterbox drops, newsletters, and media advertising. |
| | | (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; | | ✓ | ✓ | Yes | Complete | 21/02/2017 | CCS Section 6 | See CCS section 6. Procedures and mechanisms used for stakeholder discussions and feedback include: SIMTA website, 1800 information line, postal address, and project email have been established. |
| | | (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; and | | ✓ | ✓ | Yes | Complete | 21/02/2017 | CCS Section 7 | Enquiries and complaints management outlined in CCS section 7. |
| | | (e) 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. | | ✓ | ✓ | Yes | Complete | 21/02/2017 | CCS Section 7, CEMP Section 6 and Section 8 | Enquiries and complaints management outlined in CCS section 7 and CEMP Section 6 and Section 8. No third party disputes have occurred during this reporting period. |
| C2 | | Prior to the commencement of Early Works, 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 Early Works: (a) a 24 hour telephone number(s) on which complaints and enquiries about the SSD may be registered; (b) a postal address to which written complaints and enquiries may be sent; (c) an email address to which electronic complaints and enquiries may be transmitted; and (d) a mediation system for complaints unable to be resolved. 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. | Pre-construction | ✓ | | No | Complete | 21/02/2017 | http://simta.com.au/newletter/ Elton Consulting has been appointed as the Community Consultant and handles all complaints and enquiries. 24hr info line 1800 986 465 www.simta.com.au simta@elton.com.au PO Box 1488 Bondi Junction NSW 2022 A SIMTA community update 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. The SIMTA Communications and Engagement Strategy and Consultation Manager Section 8.16, Liberty Industrial CCS Section 7 detail management procedures for enquiries and complaints. | |

MPW Early Works: 6 Monthly Compliance Tracking- Conditions of Approval (CoA)

Responsibility for Compliance:
SIMTA (Principal)
Liberty Industrial (Contractor)

| No. | Type | Condition | Timing | Overall Responsibility | Secretary Approval Required? | Compliance Status | Date Completed / Approval Received | Reference Document | Evidence / Comments | |
|---|--|---|------------------|------------------------|------------------------------|-------------------|------------------------------------|--------------------|---|--|
| C3 | | Prior to the commencement of Early Works, or as otherwise agreed by the Secretary, the Applicant shall prepare and implement a Construction Complaints Management System consistent with AS ISO 10002-2006 Customer satisfaction – Guidelines for complaints handling in organisations (ISO 10002:2004, MOD) and maintain the System for the duration of Early Works and up to 12 months following completion of this stage. 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. | Pre-construction | ✓ | | No | Complete | 21/02/2017 | SIMTA Communications and Engagement Strategy Section 8.16, Liberty Industrial CCS Section 7 | All complaints and enquiries are managed by Elton Consulting in line with Section 8.16 of the Communications and Engagement Strategy and Section 7 of the CCS. |
| C4 | Provision of Electronic Information | Prior to commencement of the Early Works, 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 Early Works. 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: | | ✓ | | No | Complete | | http://simta.com.au/ | SIMTA have a dedicated webpage which will be used to store all relevant publicly available documentation. |
| | | (a) information on the current implementation status of the SSD; | | ✓ | | No | Complete | | http://simta.com.au/current-works/ | Works currently being undertaken are included on the website. |
| | | (b) a copy of the documents listed in condition 4, and any documentation supporting modification to this approval and any future modifications of this approval | | ✓ | | No | Complete | | http://simta.com.au/simta-intermodal-facility-stage-1/ | Documents lists in condition 4 have been uploaded to the website. |
| | | (c) a copy of this approval and any future modification to this approval | Pre-construction | ✓ | | No | Complete | | http://simta.com.au/simta-intermodal-facility-stage-1/ | The SSD 5066 Development Consent has been uploaded to the website. |
| | | (d) a copy of each relevant environment approval, licence or permit required and obtained in relation to the SSD; | | ✓ | | No | Complete | | | Documents lists in condition 4 have been uploaded to the website including environmental approvals and permits. |
| | | (e) a copy of each current report, plan, or other document required under this approval | | ✓ | | No | Complete | | | Documents lists in condition 4 have been uploaded to the website. |
| | | (f) the outcomes of compliance tracking in accordance with condition A2 of this approval; and | | ✓ | | No | Complete | | | This pre-construction compliance report uploaded to the website. |
| | | (g) details of contact point(s) to which community complaints and enquires may be directed, including a telephone number, a postal address and email address | | ✓ | | No | Complete | | http://simta.com.au/contact-us/ | Contact details for enquiries and complaints are available on the project website. |
| Part D - Construction Environmental Management, Reporting and Auditing | | | | | | | | | | |
| D1 | Environmental Representative | Prior to the commencement of Early Works, 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, (a) be the principal point of advice in relation to the environmental performance of the Early Works; (b) monitor the implementation of environmental management plans and monitoring programs required under this approval and advise the Applicant upon the programs required under this approval and advise the Applicant upon the achievement of these plans/programs; (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 the Early Works; (d) ensure that environmental auditing is undertaken in accordance with the Applicant's Environmental Management System(s); (e) be given the authority to approve/reject minor amendments to the Construction Environment Management Plan. What constitutes a "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 the Early Works where the resolution of points of conflict between the Applicant and the community is required. | Pre-construction | ✓ | | | Complete | 19/07/2016 | Rui Henriques of Healthy Buildings International appointed as ER, approved by the Secretary. | The nominated ER was approved by DP&E on 19/07/2016. |
| D2 | | The Environmental Representative shall prepare and submit to the Secretary a three monthly report on the Environmental Representative's actions and decision on matters specified in condition D1 for the preceding month. The reports shall be submitted within seven (7) days for the end of each month for the duration of Early Works, 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 | All Stages | ✓ | | | Compliant | | DP&E Quarterly Reports | HBI has submitted two quarterly reports for this reporting period. |
| D3 | Construction Soil and Water Management | Soil and water management measures consistent with <i>Managing Urban Stormwater - Soils and Construction Vols 1 and 2, 4th Edition</i> (Landcom, 2004) shall be employed during Early Works to minimise soil erosion and the discharge of sediment and other pollutants to land and/or waters. | All Stages | ✓ | | No | Compliant | | CSWMP Section 6 | The Soil and Water Management Plan (SWMP) was approved by DP&E on the 3rd February 2017. The SWMP outlines the management measures for erosion and sediment control in line with Managing Urban Stormwater - Soils and Construction Vols 1 and 2, 4th Edition (Landcom, 2004). |
| D4 | Bunding | The Applicant shall store all chemicals, fuels and oils used on-site in appropriately bunded areas in accordance with the requirements of all relevant Australian Standards, and/or EPA's Storing and Handling Liquids: Environmental Protection – Participants Handbook. | All Stages | ✓ | | No | Compliant | | CSWMP Section 6, CEMP Appendix A4 | Storage of dangerous goods are routinely inspected during environmental inspections. Requirements for storage are outlined in Section 7.1 of the Hazardous Materials Management Plan. |
| D5 | | Early works 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; (c) at no time on Sundays or public holidays. | All Stages | ✓ | | No | Compliant | | CEMP Section 3, CNVMP section 3 | Standard construction hours adhered to except in accordance with Out of Hours procedure. |
| D6 | Construction Hours | Activities resulting in impulsive or tonal noise emissions 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. Notwithstanding conditions D5 and D6, works may be undertaken outside the hours specified under those conditions in the following circumstances: (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). | All Stages | ✓ | | No | Compliant | | CEMP Section 3, CNVMP section 3 | During demolition works any impulsive or tonal noise has occurred during the approved hours of 8:00 am to 5:00 pm Monday to Friday, and 8:00 am to 1:00 pm Saturday. The contractor completes demolition works within the above hours. The contractor carry's out environmental surveillance to ensure compliance. |
| D7 | | Notwithstanding conditions D5 and D6, works may be undertaken outside the hours specified under those conditions in the following circumstances: (a) construction works that cause LAeq (15 minute) noise levels that are: (i) No more than 5 dB above rating background level at any residence in accordance with the Interim Construction Noise Guideline (DECC, 2009); and (ii) 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 (b) for the delivery of materials required by the police or other authorities for safety reasons; or (c) where it is required in an emergency to avoid the loss of lives, property and/or to prevent environmental harm; or (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 D21(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 (e) identified works approved by the Secretary | All Stages | ✓ | | No | Compliant | | CEMP Section 3 CNVMP Section 7.1.11 and Appendix B | Standard construction hours adhered to except in accordance with Out of Hours requests. No out of hours works occurred during this reporting period. |
| D8 | Construction Noise and Vibration | 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: (a) construction noise management levels established using the Interim Construction Noise Guideline (DECC 2009); (b) vibration criteria established using the Assessing Vibration: a Technical Guide (DECC 2006) (for human exposure); and (c) 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 D22(b). | All Stages | ✓ | | No | Compliant | | CNVMP Section 4 | All feasible and reasonable noise mitigation measures are implemented on site as detailed in Section 4 of the CNVMP. A noise assessment was undertaken by 'Day Design Group' to ensure noise limits during works do not exceed the approved levels. |

MPW Early Works: 6 Monthly Compliance Tracking- Conditions of Approval (CoA)

Responsibility for Compliance:
SIMTA (Principal)
Liberty Industrial (Contractor)

| No. | Type | Condition | Timing | Overall Responsibility | Secretary Approval Required? | Compliance Status | Date Completed / Approval Received | Reference Document | Evidence / Comments | |
|-----|----------------------------|---|------------|------------------------|------------------------------|-------------------|------------------------------------|------------------------------|--|--|
| D9 | Construction Traffic Noise | The Applicant is to ensure that construction vehicle contractors operate so as to minimise any construction noise impacts from the subject 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. | All Stages | ✓ | No | Compliant | | CEMP / CNVMP | All contractors have been advised of noise requirements during pre-start meetings and induction as per the training requirements in the CEMP | |
| D10 | | No use of compression brakes shall be permitted for construction vehicles associated with the Early Works in the vicinity of the subject site. | All Stages | ✓ | No | Compliant | | CEMP / CNVMP | All contractors have been advised of noise requirements during pre-start meetings and induction as per the training requirements in the CEMP | |
| D11 | Transport and Access | Construction heavy vehicle access to and from the site via Moorebank Avenue (south) / Cambridge Avenue during Early Works is not permitted, with the exception of heavy vehicles travelling to and from the Glenfield Waste Facility. | All Stages | ✓ | No | Compliant | | CTAMP Section 5.3 | The Vehicle Movement Plan (VMP) and CTAMP restricts movements of heavy vehicles to and from Cambridge Avenue. This has been reiterated in pre-start meetings and signage has been installed restricting right turns out of site. | |
| D12 | | The Early Works 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. | All Stages | ✓ | No | Compliant | | CTAMP Section 5 | Ongoing implementation. No complaints have been received to date, this requirement is reiterated in pre-starts. | |
| D13 | | Construction vehicles (including staff vehicles) associated with the Early Works 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 D22(a); and (d) ensure access and egress from construction compounds is undertaken in a safe and lawful manner. | All Stages | ✓ | No | Compliant | | CTAMP Section 4 | Ongoing implementation. No complaints have been received to date, this requirement is reiterated in pre-starts. | |
| D14 | | Safe pedestrian and cyclist access through or around worksites shall be maintained during early works. 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 permanent footpaths where pedestrian access is reliant on grassed verges. | All Stages | ✓ | No | NA | | CTAMP Section 4.4 | No works have been undertaken which would impact on pedestrians or cyclists under SSD 5066. | |
| D15 | | Access to all properties affected by the carrying out of Early Works shall be maintained, where feasible and reasonable, unless otherwise agreed by the relevant property owner or occupier. Any access physically affected by the carrying out of Early Works shall be reinstated to at least an equivalent standard, unless agreed with by the property owner. | All Stages | ✓ | No | NA | | CTAMP Section 3.6 | No property access is affected during the Early Works, all works have been undertaken within the project boundaries. | |
| D16 | | Upon determining the haulage route(s) for construction vehicles associated with subject site, and prior to Early Works, a suitably qualified and experienced independent expert shall prepare a Road Dilapidation Report. The Report shall assess the current condition of roads and describe mechanisms to restore any damage that may result due to its use by traffic and transport related to the Early Works. The Report shall be submitted to the Secretary for information and the relevant Council for review prior to the commencement of haulage. Following completion of Early Works, a subsequent Report shall be prepared to assess any damage to the road that may have resulted. Measures undertaken to restore or reinstate roads affected by the Early Works shall be undertaken in a timely manner, in accordance with the reasonable requirements of the relevant Council, and at the full expense of the Applicant. | All Stages | ✓ | No | Compliant | | Dilapidation Report | Dilapidation Report produced by Craigmar Consulting 26/07/2016. | |
| D17 | Biodiversity | Within 12 months of the commencement of Early Works, the Applicant shall develop and implement a Biodiversity Offset Package for the approval 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. The Package shall include, but not necessarily be limited to: (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 methodology 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 provisions of the Package. 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 for the approval of the Secretary, prior to the implementation of that addendum. | All Stages | ✓ | Yes | In-progress | | BOP | A Biodiversity Offset Package (BOP) has been finalised and submitted to DPE on 08/01/18. DPE comments received 01/02/18. A Memo was submitted by Arcadis to inform DPE that as a result of early works there would be no impact on native vegetation. Tactical issued the revised copy of the memo to DPE on 12/02/18. DPE are yet to confirm condition satisfied. | |
| D18 | | Subject to future Development Applications, no threatened species or communities can be cleared other than that required for Early Works. Any hollow bearing trees shall be relocated to areas to be determined by a suitably qualified ecologist in areas identified for conservation. | All Stages | ✓ | ✓ | No | Compliant | | Construction Flora and Fauna Management Plan (CFFMP) and Environmental Works Method Statement (EWMS) | The Environmental Constraints Maps identifies EEC areas which are not to be impacted upon during Early Works. Management of hollow bearing trees is detailed in Section 6 of the CFFMP. |
| D19 | | 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 Early Works. 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). | All Stages | ✓ | | No | Complete | 10/10/2016 | Threatened Dragonfly Species Survey Plan. | A Threatened Dragonfly Species Survey Plan and Report were completed in September and October 2016 respectively. The Plan and Report were accepted by DPI Fisheries as satisfying and closing this Condition on 10 October 2016. In summary, the survey found a lack of preferred habitat of the threatened dragonfly species under the FM Act along the MPW site, and therefore the likely lack of occurrence of these species, no specific construction mitigation measures were required to avoid potential impacts on these species. |
| D20 | Construction | Prior to the commencement of Early Works, 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 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 <i>Guideline for the preparation of Environmental Management Plans</i> (Department of Infrastructure, Planning and Natural Resources, 2004) The CEMP shall include, but not necessarily be limited to: | | ✓ | | | | CEMP and sub plans | | |
| (a) | | a description of activities to be undertaken during the Early Works | | ✓ | | | | CEMP Section 3 and Section 1 | | |
| (b) | | Statutory and other obligations that the applicant is required to fulfil during Early Works, including approvals, consultations and agreements required from authorities and other stakeholders under key legislation and policies | | ✓ | | | | CEMP Section 4 | | |
| (c) | | A description of the roles and responsibilities for relevant employees, including contractors and sub-contractors, are aware of their environmental and compliance obligations under these conditions of approval. | | ✓ | | | | CEMP Section 4 and Section 5 | | |
| (d) | | An environmental risk analysis to identify the key environmental performance issues associated with the early works; and | | ✓ | | | | CEMP Appendix A4 | Provisional approval of CEMP was issued by DP&E on 3/02/2017 | |

MPW Early Works: 6 Monthly Compliance Tracking- Conditions of Approval (CoA)

Responsibility for Compliance:
SIMTA (Principal)
Liberty Industrial (Contractor)

| No. | Type | Condition | Timing | Overall Responsibility | Secretary Approval Required? | Compliance Status | Date Completed / Approval Received | Reference Document | Evidence / Comments | | |
|-------|--|--|--------------------------|------------------------|------------------------------|-------------------|------------------------------------|--------------------|---|---|--|
| (e) | Environmental Management Plan | 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. | Pre-construction | | ✓ | Yes | Complete | 3/02/2017 | excluding the CHMP. Early Works are being undertaken in accordance with this plan. | | |
| (i) | | Measures to monitor and manage dust emissions including dust from stockpiles, traffic on unsealed roads and materials tracking from construction sites onto public roads | | | | | | | | ✓ | CEMP Section 9 |
| (ii) | | Measures for the handling, treatment and management of hazardous and contaminated materials (including asbestos) | | | | | | | | ✓ | CEMP Appendix B5 |
| (iii) | | Measure and monitor and manage waste generated during construction but not necessarily limited to: general procedures for waste classification, handling reuse, disposal; use of secondary waste material in construction wherever feasible and reasonable; procedures or dealings 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) | | | | | | | | ✓ | CEMP Appendix A3 |
| (iv) | | Measure and monitor and manage hazards and risks | | | | | | | | ✓ | CEMP Appendix A3 |
| (v) | | Measure and monitor and rectify any impacts to third party property and infrastructure, including details of the process of rectification or compensation of affected landowners, and timeframes for rectification works or compensation processes and | | | | | | | | ✓ | CEMP Appendix A4 |
| (vi) | | The issues identified in condition D21 | | | | | | | | ✓ | CEMP Section 6 |
| D21 | Construction Traffic and Access Management Plan | As part of the CEMP for the SSD, the Applicant shall prepare and implement 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. 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: | Pre-construction | | ✓ | Yes | Complete | 3/02/2017 | Provisional approval of CEMP and Sub-plans was issued by DP&E on 3/02/17 excluding the CHMP. Early Works are being undertaken in accordance with this plan. | | |
| (a) | | (i) identification of construction traffic routes and construction traffic volumes (including heavy vehicle/spoil haulage) on these routes; | | | | | | | | ✓ | CTAMP |
| | | (ii) details of vehicle movements for construction sites and ancillary facilities including parking, dedicated vehicle turning areas, and ingress and egress points; | | | | | | | | ✓ | CTAMP Appendix |
| | | (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; | | | | | | | | ✓ | CTAMP Section 4 |
| | | (iv) details of management measures to minimise traffic impacts, 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; | | | | | | | | ✓ | CTAMP Section 4 |
| | | (v) details of measures to prevent construction heavy vehicles from using Moorebank Avenue south and Anzac Road, with the exception of heavy vehicles travelling to and from the Glenfield Waste Facility; | | | | | | | | ✓ | CTAMP Section 4 |
| | | (vi) details of measures to maintain or provide alternative safe and accessible routes for pedestrians throughout the duration of construction; | | | | | | | | ✓ | CTAMP Section 5.3 |
| | | (vii) details of measures to maintain connectivity for cyclists, with particular emphasis on providing adequate access between key existing cycle routes for commuter cyclists; | | | | | | | | ✓ | CTAMP Section 4 |
| | | (ix) details of measures to manage traffic movements, parking, loading and unloading at ancillary facilities during out-of-hours work; | | | | | | | | ✓ | CTAMP Section 4 |
| | | (x) an adaptive response plan which sets out a process for response to any traffic, construction or other incident; and | | | | | | | | ✓ | CTAMP Section 4.3 |
| | | (xi) mechanisms for the monitoring, review and amendment of this plan. | | | | | | | | ✓ | CTAMP Section 8 |
| (b) | Construction Noise and Vibration Plan | 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: | Pre-construction | | ✓ | Yes | Complete | 3/02/2017 | Provisional approval of CEMP and Sub-plans was issued by DP&E on 3/02/17 excluding the CHMP. Early Works are being undertaken in accordance with this plan. | | |
| | | (i) identification of the work areas, site compounds and access points; | | | | | | | | ✓ | CNVMP |
| | | (ii) identification of sensitive receivers and relevant construction noise and vibration goals applicable to the SSD and stipulated in the conditions above; | | | | | | | | ✓ | CNVMP Appendix A |
| | | (iii) details of Early Works 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; | | | | | | | | ✓ | CNVMP Section 2 + Appendix C&D |
| | | (iv) an Out-of-Hours Work Protocol for the assessment, management and approval of works outside of standard construction hours as defined in condition D5 of this approval, for the Secretary's approval. The Out-of-Hours Work Protocol must detail: a) assessment of out-of-hours works against the relevant noise and vibration criteria; b) detailed mitigation measures for any residual impacts (that is, additional to general mitigation measures), including extent of at receiver treatments; and c) proposed notification arrangements. | | | | | | | | ✓ | CNVMP Section 5 |
| | | (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; | | | | | | | | ✓ | CNVMP Section 6, Section 7, and Appendix B |
| | | (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); | | | | | | | | ✓ | CNVMP Section 6 |
| | | (vii) a description of how the effectiveness of mitigation and management measures would be monitored during the Early Works, 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 | | | | | | | | ✓ | CNVMP Section 6.15 |
| | (viii) mechanisms for the monitoring, review and amendment of this plan. | ✓ | CNVMP Section 6.5 & 6.11 | | | | | | | | |
| | | ✓ | CNVMP Section 6.13 | | | | | | | | |
| | Construction Heritage Management Plan | 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: | | | ✓ | | | | The CHMP was approved by DPE on 29/05/17. Early Works have been undertaken in accordance with this plan. | | |
| | | (i) in relation to Aboriginal Heritage: 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; | | | | | | | | ✓ | CHMP |
| | | 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 | | | | | | | | ✓ | CHMP Section 6 Strategy 2 |
| | | 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; | | | | | | | | ✓ | CHMP Strategy 4 |
| | | 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 | | | | | | | | ✓ | CHMP Strategy 1 |
| | | e) procedures for ongoing Aboriginal consultation and involvement for the duration of the Early Works; and | | | | | | | | ✓ | CHMP Section 3.3 |

MPW Early Works: 6 Monthly Compliance Tracking - Conditions of Approval (CoA)

Responsibility for Compliance:
SIMTA (Principal)
Liberty Industrial (Contractor)

| No. | Type | Condition | Timing | Overall Responsibility | Secretary Approval Required? | Compliance Status | Date Completed / Approval Received | Reference Document | Evidence / Comments |
|-----|---|--|------------------|------------------------|------------------------------|-------------------|------------------------------------|--------------------|--|
| (c) | Construction Heritage Management Plan | (ii) in relation to non-Aboriginal Heritage: a) identification of heritage items directly and indirectly affected by the Early Works; | Pre-construction | [Redacted] | [Redacted] | [Redacted] | 29/05/2017 | CHMP Section 5.2 | No non-Indigenous heritage items are to remain on site; these are all to be salvaged from site prior to works being undertaken which will affect these heritage structures. Refer to Options for Mitigation reports which detail how the heritage structures will be managed. Indigenous heritage items which are located within EEC zones are to remain on site until salvage can be undertaken in stage 2. As these items are located within the EEC zones, they are protected with exclusion flagging. |
| | | CHMP Table 1 | | | | | | | |
| | | CHMP Table 1 | | | | | | | |
| | | CHMP Section 7 | | | | | | | |
| | | CHMP Strategy 3 | | | | | | | |
| | | CHMP Strategy 1 | | | | | | | |
| | | CHMP | | | | | | | |
| | | CHMP | | | | | | | |
| (d) | Construction Flora and Fauna Management Plan | a Construction Flora and Fauna Management Plan to detail how impacts on ecology 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; | Pre-construction | [Redacted] | [Redacted] | 3/02/2017 | Yes | Complete | The CFFMP was approved on 3 February 2017. Rehabilitation works will not be undertaken during Early Works. No rehabilitation has been required during this reporting period. Disturbed areas will be hydro-seeded as an erosion and sediment control measure as outlined in the CSWMP. |
| | | Yes | | | | | Complete | | |
| | | Yes | | | | | Complete | | |
| | | Yes | | | | | Complete | | |
| | | Yes | | | | | Complete | | |
| | | Yes | | | | | Complete | | |
| | | Yes | | | | | Complete | | |
| | | Yes | | | | | Complete | | |
| (e) | Construction Air Quality Management Plan | 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. | Pre-construction | [Redacted] | [Redacted] | 3/02/2017 | Yes | Complete | The CAQMP was approved on 3 February 2017. |
| | | Yes | | | | | Complete | | |
| | | Yes | | | | | Complete | | |
| | | Yes | | | | | Complete | | |
| | | Yes | | | | | Complete | | |
| | | Yes | | | | | Complete | | |
| | | Yes | | | | | Complete | | |
| | | Yes | | | | | Complete | | |
| (f) | A Construction Soil and Water Management Plan | a Construction Soil and Water Management Plan to manage surface and groundwater impacts during Early Works. The plan shall be developed in consultation with, EPA, DPI Water, DPI Fisheries, 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; | Pre-construction | [Redacted] | [Redacted] | 3/02/2017 | Yes | Complete | The CSWMP was approved on 3 February 2017. No works are to be undertaken in the vicinity of any water course. Georges River and Anzac Creek are not impacted on during these works. |
| | | Yes | | | | | Complete | | |
| | | Yes | | | | | Complete | | |
| | | Yes | | | | | Complete | | |

MPW Early Works: 6 Monthly Compliance Tracking - Conditions of Approval (CoA)

Responsibility for Compliance:
SIMTA (Principal)
Liberty Industrial (Contractor)

| No. | Type | Condition | Timing | Overall Responsibility | Secretary Approval Required? | Compliance Status | Date Completed / Approval Received | Reference Document | Evidence / Comments |
|--|------|--|--------|------------------------|------------------------------|-------------------|------------------------------------|--------------------|--|
| | | (iv) 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 non-compliance can be rectified; and | | | | Complete | | CSWMP Section 7 | The CSWMP was approved on 3 February 2017. |
| | | (v) mechanisms for the monitoring, review and amendment of this plan. | | | | Complete | | CSWMP Section 8 | |
| SCHEDULE 4 CONDITIONS TO BE MET IN FUTURE DEVELOPMENT APPLICATIONS - NOT ADRESSED IN THIS DEVELOPMENT APPLICATION | | | | | | | | | |

APPENDIX B COMPLIANCE TABLE - REVISED ENVIRONMENTAL MITIGATION MEASURES

MPW Early Works: 6 Monthly Compliance Tracking - Revised Environmental Mitigation Measures

Responsibility for Compliance:
SIMTA (Principal)
Liberty Industrial (Contractor)

| No. | Part | Type | Condition | Secretary Approval Required? | Date Completed / Approval Received | Compliance Status | Reference document | Evidence |
|-----|------|---|--|------------------------------|------------------------------------|-------------------|--|---|
| 1 | A | General Environmental Management Proposed Environmental Framework | An EMS that complies with AS/NZS ISO 14001:2004 would be developed and implemented on the Project site. | No | | Compliant | CEMP | CEMP and sub plans approved by DP&E 3/02/2017. The CEMP has been developed in line with the requirements of ISO14001 and the Guideline for the preparation of Environmental Management Plans (DIPNR, 2004). |
| | B | | EMPs including CEMPs and OEMPs (or equivalent) would be prepared for the Project. At this point, Provisional EMPs (included in Volume 2, Appendix H of the EIS) have been prepared and would be updated as more is known about the Project phasing including detailed design, construction and operation | Yes | 21/02/2017 | Compliant | CEMP | CEMP and sub plans approved by DP&E 3/02/2017. The CEMP has been developed in line with the requirements of ISO14001 and the Guideline for the preparation of Environmental Management Plans (DIPNR, 2004). OEMP will be submitted prior to commencement of operations. |
| 2 | A | Consultation | A Community Engagement Plan (CEP) (or equivalent) would be prepared to outline community involvement and consultation activities during early works, construction and operation phases. As a minimum, the CEP would include appropriate measures for community involvement, including: <ul style="list-style-type: none"> • a direct telephone number (24 hour); • an email address; • a postal address; • regular project updates; • a community liaison representative; and scheduled meetings with a local representative body such as a community consultative (or liaison) committee. The CEP would also set out a guide on expectations for responding to relevant information received from community members. | Yes | 21/02/2017 | Complete | CEP | Elton Consulting has been appointed as the Community Consultant and handles all complaints and enquiries. Elton have prepared a Precinct wide Community Engagement Strategy (CES), whilst Liberty Industrial have developed a Community Consultation Strategy (CCS) in line with the CEP. Both strategies have been developed in line with the requirements of these conditions as outlined below. Stakeholders have been identified and listed in section 4 of the CCS. The CCS was approved by the Secretary on 21/2/2017. |
| | B | | The CEP would be prepared to ensure: <ul style="list-style-type: none"> • the community and stakeholders have a high level of awareness of all processes and activities associated with the Project; • accurate and accessible information is made available; and • a timely response is given to issues and concerns raised by stakeholders and the community. | Yes | 21/02/2017 | Complete | CEP | Elton Consulting has been appointed as the Community Consultant and handles all complaints and enquiries. Elton have prepared a Precinct wide Community Engagement Strategy (CES), whilst Liberty Industrial have developed a Community Consultation Strategy (CCS) in line with the CEP. Both strategies have been developed in line with the requirements of these conditions as outlined below. Stakeholders have been identified and listed in section 4 of the CCS. The CCS was approved by the Secretary on 21/2/17. |
| 3 | B | Sustainability | Implementation of sustainability initiatives would be monitored in accordance with the monitoring framework developed as part of the EMS for the next stage of approvals. This framework would identify sustainability indicators for monitoring. | No | | Compliant | CEMP Section 4 | Sustainability indicators are outlined as 'Objectives and Targets' within the CEMP section 4.5. |
| 4 | I | Traffic And Access | Reducing the volumes of construction vehicles travelling during peak periods, especially if the increase in traffic generated by construction activities impedes on the operation of Moorebank Avenue. | No | | Compliant | CTAMP Section 5 | Daily inspections on all traffic management have been carried out by the site supervisor in line with CTAMP. The site Supervisor will schedule vehicle movement to stagger movements through a "call up" system to prevent heavy vehicle queuing on Moorebank Avenue and local residential streets outside the Project boundaries. Trucks and queuing facilities are available on site. No queuing will be undertaken on Moorebank Avenue and or the neighbouring streets. |
| | J | | Maintain access to neighbouring properties. It is particularly important that the ABB site has access throughout the construction stages. | No | | Compliant | CTAMP Section 7 | Access to all neighbouring properties will be maintained. Under the current scope of early works, neighbouring properties will not be affected by planned works. All accesses have been maintained during pre-construction works. ABB were consulted with to inform them on the commencement of works in the vicinity of their site access. |
| | K | | In addition to the Community Engagement Plan (or equivalent) (Refer to 2A), a communication plan will be developed to provide information to the relevant authorities and bus operators in addition to the local community. The communication plan will need to incorporate a contact list with the chain of command. | No | | Compliant | CCS Section 6. CTAMP Appendix E – Consultation register. | A Community and Engagement Strategy (CES) has been developed for the project by Elton Consulting. This strategy outlines how project information is provided. The Community Consultation Strategy outlines relevant project contacts in Section 6. |
| | L | | Implement relevant traffic control measures to inform drivers of the construction activities and locations of heavy vehicle access locations. | No | | Compliant | CTAMP Section 5 | Signage has been provided to inform drivers of the access restrictions and location in line with this CTAMP. In addition, all heavy vehicle transport companies will receive a copy of the site specific traffic requirements, including access points along Moorebank Avenue, site specific PPE requirements and a copy of Moorebank Avenue Vehicle Management Plan (VMP). |
| | O | | Traffic on Moorebank Avenue would be monitored during peak periods to ensure that queuing at intersections does not impact on other road users. | No | | Compliant | CTAMP Section 5 | Daily inspections on all traffic management have been carried out by the site supervisor. During Early Works, the site supervisor will schedule vehicle movement to stagger movements through a "call up" system to prevent heavy vehicle queuing on Moorebank Avenue and local residential streets outside the Project boundaries. Trucks and queuing facilities are available on site. No queuing will be undertaken on Moorebank Avenue and or the neighbouring streets. |

MPW Early Works: 6 Monthly Compliance Tracking - Revised Environmental Mitigation Measures

Responsibility for Compliance:
SIMTA (Principal)
Liberty Industrial (Contractor)

| No. | Part | Type | Condition | Secretary Approval Required? | Date Completed / Approval Received | Compliance Status | Reference document | Evidence |
|-----|------|--------------|---|------------------------------|------------------------------------|-------------------|---|--|
| 6 | A | Biodiversity | Following detailed design and before construction, detailed flora and fauna mitigation measures would be developed and presented as part of the CEMP. These detailed measures would incorporate the measures listed in 6B to 6W. The CEMP would address: <ul style="list-style-type: none"> • general impact mitigation; • staff/contractor inductions; • vegetation clearing protocols; • pre-clearing surveys and fauna salvage/translocation; • rehabilitation and restitution of adjoining habitat; • weed control; • pest management; and • monitoring. The plans would include clear objectives and actions for the Project including how to: <ul style="list-style-type: none"> • minimise human interferences to flora and fauna; • minimise vegetation clearing/disturbance; • minimise impact to threatened species and communities; • minimise impacts to aquatic habitats and species; and • undertake flora and fauna monitoring at regular intervals. | Yes | 3/02/2017 | Compliant | EWMS and CFFMP Sections 6 and 7 | CFFMP approved DP&E 3/02/2017. |
| | B | | Vegetation clearing would be restricted to the construction footprint and sensitive areas would be clearly identified as exclusion zones. | No | | Compliant | EWMS and CFFMP Section 6 Environmental Constraints Maps | Vegetation clearing within construction footprint only. Exclusion zones are demarcated physically on site and in Environmental Constraints Mapping. |
| | C | | The exclusion zones would be marked on maps, which would be provided to contractors, and would also be marked on the ground using high visibility fencing (such as barrier mesh). | No | | Compliant | EWMS and CFFMP Section 6 | Vegetation clearing within construction footprint only. Exclusion zones are demarcated physically on site and in Environmental Constraints Mapping. |
| | D | | A trained ecologist would accompany clearing crews to ensure disturbance is minimised and to assist in relocating any native fauna to adjacent habitat. | No | | Compliant | EWMS and CFFMP Section 6 | Ecologist and Zoologist from Biosis assisted with assessing and clearing of trees for remediation work. The 2 stage tree clearing process was followed as outlined in the CFFMP. |
| | E | | A staged habitat removal process would be developed and would include the identification and marking of all habitat trees in the area. Where reasonable and feasible, clearing of hollow-bearing trees would be undertaken in March and April when most microbars are likely to be active (not in torpor) but are unlikely to be breeding or caring for young, and when threatened hollow-dependent birds in the locality are also unlikely to be breeding. Pre-clearing surveys would be conducted 12 to 48 hours before vegetation clearing to search for native wildlife (e.g. reptiles, frogs, Cumberland Land Snail) that can be captured and relocated to the retained riparian vegetation of the Georges River corridor. Vegetation would be cleared from a 10 m radius around habitat trees to encourage animals roosting in hollows to leave the tree. A minimum 48 hour waiting period would allow animals to leave. After the waiting period, standing habitat trees would be shaken (where safe and practicable) under the supervision of an ecologist to encourage animals roosting in hollows to leave the trees, which may then be felled, commencing with the most distant trees from secure habitat. Felled habitat trees would either be immediately moved to the edge of retained vegetation, or left on the ground for a further 24 hours before being removed from the construction area, at the discretion of the supervising ecologist. All contractors would have the contact numbers of wildlife rescue groups and would be instructed to coordinate with these groups in relation to any animal injured or orphaned during clearing. Within areas of high quality intact native vegetation proposed to be removed: <ul style="list-style-type: none"> • topsoil (and seedbank) is to be collected from native vegetation that are to be permanently cleared and used in the vegetation of riparian areas; and • Native plants in areas that are to be permanently cleared are to be relocated and transplanted in riparian areas identified for rehabilitation. | No | | Compliant | EWMS and CFFMP Section 6 | Ecologist and Zoologist from Biosis assisted with assessing and clearing of trees for remediation work areas following the process outlined in the CFFMP. |
| | F | | Relocation of fauna to adjacent retained habitat would be undertaken by an ecologist during the supervision of vegetation removal | No | | Compliant | EWMS and CFFMP Section 6 | Ecologist and Zoologist from Biosis assisted with assessing and clearing of trees for remediation work areas following the process outlined in the CFFMP. |
| | G | | An ecologist would supervise the drainage of any waterbodies on the Project site and would relocate native fish (e.g. eels), tortoises and frogs to the edge of the Georges River and/or the existing pond at the northern end of the IMT site. | No | | Compliant | EWMS and CFFMP Section 6 | This has not been required during this reporting period. No waterbodies have been drained to date. |
| | H | | The design of site fencing and any overhead powerlines would consider the potential for collision by birds and bats and minimise this risk where practicable. | No | | Compliant | EWMS and CFFMP Section 6 | This has not been required as the existing fencing is being used. |
| | I | | The potential for translocation of threatened plant species as individuals or as part of a soil translocation process would be considered during the detailed development of the CEMP. | No | | Compliant | NA | Threatened species are not to be removed during the Early Works stage. EEC area have been protected with signage and exclusion fencing to prevent access. |
| | O | | Erosion and sediment control measures such as silt fencing and hay bales would be used to minimise sedimentation of streams and resultant impacts on aquatic habitats and water quality | No | | Compliant | EWMS, CFFMP, CSWMP | Soil erosion and discharge of sediments and pollutants from the site are minimised by implementing all reasonable prevention measures. An erosion and sediment control plan has been developed and endorsed within the EWMS by the ER. No issues have been raised during site inspections. |
| | B | | Before construction, a remediation program would be implemented in accordance with the Moorebank Intermodal Terminal Preliminary Remediation Action Plan (RAP) (or equivalent). The program will have been formally reviewed and approved by the Site Auditor under Part 4 of the NSW Contaminated Land Management Act 1997 (CLM Act). | No | | Compliant | CEMP / RAP | RAP Rev0 dated 9th August 2016 has been reviewed and approved by the Site Auditor - Enviroview. |

MPW Early Works: 6 Monthly Compliance Tracking - Revised Environmental Mitigation Measures

Responsibility for Compliance:
SIMTA (Principal)
Liberty Industrial (Contractor)

| No. | Part | Type | Condition | Secretary Approval Required? | Date Completed / Approval Received | Compliance Status | Reference document | Evidence |
|-----|---|---------------|---|------------------------------|------------------------------------|---|----------------------|--|
| 8 | C | Contamination | A CEMP would be prepared by the contractor for all excavation and remediation works and would include requirements for decontamination facilities at the Project site. | Yes | | Compliant | CEMP Appendix A4 | Decontamination facilities are provided at the work areas for personnel and equipment. The CEMP references the RAP and AMP and JHA's which detail the specifics of these facilities. |
| | D | | An unexploded ordnance (UXO) management plan (or equivalent) would be developed for the Project site. This plan would detail a framework for addressing the discovery of UXO or explosive ordnance waste (EOW) to ensure a safe environment for all Project staff, visitors and contractors. | No | | Compliant | UXO MP | UXOMP details a framework for addressing the discovery of UXO or explosive ordnance waste (EOW). |
| | I | | Contaminated soil/fill material present will be 'chased out' during the excavation works based on visual, olfactory and preliminary field test results. | No | | Compliant | CEMP Appendix A4 | Compliant. |
| | J | | Excavated soil would be temporarily stockpiled, sampled and analysed for waste classification processes. Subject to receipt of waste classification results, the material would be transported to a licensed offsite waste disposal facility as soon as practicable to minimise dust and odour issue through storage of materials on site. | No | | Compliant | CEMP Appendix A4 | Compliant. |
| | K | | Stockpiled soils would be stored on a sealed surface and the stockpiled areas would be securely bunded using silt fencing to prevent silt laden surface water from entering or leaving the stockpiles or the Project site. | No | | Compliant | CEMP Appendix A4 | Compliant. |
| | L | | All excavation works associated with potential contaminated lands would be undertaken by licensed contractors, experienced in remediation projects and the handling of contaminated soils. | No | | Compliant | CEMP Appendix A4 | Compliant. |
| | M | | All asbestos removal, transport and disposal would be performed in accordance with the <i>Work Health and Safety Regulation 2011</i> (WHS Regulation). | No | | Compliant | CEMP / RAP | Liberty Industrial has a Class A Asbestos removal license (Lic no. AD211444, expiring 23/05/2018), and works in accordance with relevant regulations and codes of practise. Works will be undertaken in accordance with the Asbestos Removal Management Plan reviewed and approved by Niall Byrne of CARAS Pty Ltd on 24/11/2016. |
| | N | | The removal works would be conducted in accordance with the National Occupational Health and Safety Commission Code of Practice for the Safe Removal of Asbestos, 2nd Edition [NOHSC 2002 (2005)] (NOHSC 2005a). | No | | Compliant | | |
| | RO | | An appropriate asbestos removal licence issued by WorkCover NSW would be required for the removal of asbestos contaminated soil | No | | Compliant | | |
| | P | | Environmental management and WHS procedures would be put in place for the asbestos removal during excavation to protect workers, surrounding residents and the environment | No | | Compliant | CEMP / AMP Section 8 | Procedures outlined in the Asbestos Removal Management Plan approved by Niall Byrne of CARAS Pty Ltd on 24/11/2016. |
| | Q | | Temporary stockpiles of asbestos containing material (ACM) soils would be covered to minimise dust and potential asbestos release. | No | | Compliant | CEMP Appendix A4 | Stockpiles containing asbestos fragments have been covered. |
| | R | | An asbestos removal clearance certification would be prepared by an occupational hygienist at the completion of the removal work. This would follow the systematic removal of asbestos containing materials and any affected soils from the Project site, and validation of these areas (through visual inspection and laboratory analysis of selected soil samples). | No | | Compliant | CEMP / RAP | Asbestos removal Clearance Certificates are provided at the completion of removal work. |
| | S | | Asbestos fibre air monitoring would be undertaken during the removal of ACMs and in conjunction with the visual clearance inspection. The monitoring would be conducted in accordance with the National Occupational Health and Safety Commission Guidance Note on the Membrane Filter Method For the Estimating Airborne Asbestos Fibre, 2nd Edition [NOHSC 3003 (2005)] (NOHSC 2005b). | No | | Compliant | CEMP / RAP | Asbestos fibre air monitoring is being undertaken during the removal of ACMs. Results to date indicate levels are below the accepted concentration of <0.01 fibres/ml. |
| | T | | All stockpiles would be maintained in an orderly and safe condition. Batters would be formed with sloped angles that are appropriate to prevent collapse or sliding of the stockpiled materials | No | | Compliant | CEMP Appendix A4 | All stockpiles will be constructed and maintained in accordance with processes identified in the CEMP Appendix A4, Soil and Water Management Plan, EWMS and erosion and sediment control plan. No dust or sediment issues to date have been identified. Site inspections undertaken by the ER have also monitor any issues. |
| | U | | Stockpiles would be placed at approved locations and would be strategically located to mitigate environmental impacts while facilitating material handling requirements. Contaminated or potentially contaminated materials would only be stockpiled in unremediated areas of the Project site or at locations that did not pose any risk of environmental impairment of the stockpile area or surrounding areas (e.g. hardstand areas). | No | | Compliant | CEMP Appendix A4 | |
| | V | | Stockpiles would only be constructed in areas of the Project site that had been prepared in accordance with the requirements of the Project Preliminary RAP in Appendix F of Technical Paper 5 – Environmental Site Assessment (Phase 2), Volume 5A and 5B. All such preparatory works would be undertaken before material is placed in the stockpile. Stockpiles must be located on sealed surfaces such as sealed concrete, asphalt, high density polyethylene or a mixture of these, to appropriately mitigate potential cross contamination of underlying soil. | No | | Compliant | CEMP Appendix A4 | |
| | W | | Any stockpiles of contaminated material would be covered with a waterproof membrane (such as polyethylene sheeting) to prevent increased moisture from rainwater infiltration and to reduce windblown dust or odour emission. | No | | Compliant | CEMP Appendix A4 | There has been stockpiling of contaminated soils in designated areas on site. They have been treated with polymers and labelled. |
| | X | | Before the reuse of any material on site, it would be validated so that the lateral and vertical extent of the contamination is defined. | No | | Compliant | CEMP Appendix A4 | Any material reused will be validated. |
| | Y | | Where required, contaminated materials and wastes generated from the Project remediation and construction works would be taken to suitable licensed offsite disposal facilities. | No | | NA | CEMP Appendix A4 | Contaminated materials and wastes generated will be taken to suitable licensed offsite disposal facilities. To date mixed waste and liquid waste have been taken to suitable licensed offsite disposal facilities for either recycling or disposal in landfill. |
| Z | Where necessary, consider undertaking further investigations to determine whether other buildings have organochlorine pesticides (OCP) impacts subgrade materials, and to quantify the volume of OCP impacted materials across the site. | No | | NA | CEMP / RAP | Testing has been conducted by the environmental consultant JBS&G on four (4) of the six (6) buildings identified in the RAP as warranting further investigation. All these returned either non detects or results well below site criteria. | | |
| AA | Additional Aqueous Film Forming Foam Assessment (AFFF) be undertaken to determine if any direct remedial and/or management actions are required. A stage approach is considered appropriate and is detailed in the Preliminary AFFF Assessment (Golder Associates 2015b). | | | | | In-progress | PFAS Management Plan | SIMTA have engaged EP Risk (a contamination consultant) to conduct a literature review, analysis of site test data and preparation of a human health risk analysis (HHRA). Discussions with the Accredited Site Auditor are ongoing and it is anticipated that this work will result in the development of a PFAS management plan (including AFFF) . |
| 9 | A | Hydrology | A soil and water management plan (or equivalent) would be developed before work begins in the conservation area. This plan would include erosion and sediment control plans (ESCPs) and procedures to manage and minimise potential environmental impacts associated with developing this area. | | | Compliant | CSWMP and ESCP | The soil and water management plan (CSWMP) has been approved. The CSWMP is a sub-plan to the CEMP. |

MPW Early Works: 6 Monthly Compliance Tracking - Revised Environmental Mitigation Measures

Responsibility for Compliance:
SIMTA (Principal)
Liberty Industrial (Contractor)

| No. | Part | Type | Condition | Secretary Approval Required? | Date Completed / Approval Received | Compliance Status | Reference document | Evidence |
|-----|---|-------------|---|------------------------------|------------------------------------|--|------------------------------------|--|
| | B | Hydrology | Site compounds, stockpiling areas and storage areas for sensitive plant, equipment and hazardous materials would be located above an appropriate design flood level, which would be determined based on the duration of the construction works. | No | | Compliant | CSWMP Section 4 & CEMP Section 3.2 | Site Compounds are located on the eastern side of the site near Moorebank Ave. According to Liverpool council records this area of the site has a very low or no risk of flooding. |
| 10 | A | Air Quality | A Dust Management Plan (DMP) (or equivalent) would be prepared as part of the CEMP. | Yes | 3/02/2017 | Compliant | CAQMP | Dust management is included throughout the CAQMP. Provisional approval of CEMP was issued by DP&E on 3/2/17 excluding the CHMP. |
| | B | | Dust minimisation measures would be developed and implemented before commencement of construction. The NSW Coal Mining Benchmarking Study: Measures to Prevent and/or Minimise Emissions of Particulate Matter from Coal Mining (OEH 2011) would be considered. | No | | Compliant | CAQMP Section 5 | Dust management is included in the CAQMP. Management includes the frequent wetting of exposed areas and not disturbing areas until work is required to commence. |
| | C | | Methods for management of emissions would be incorporated into Project inductions, training and pre-start talks. | No | | Compliant | CAQMP Section 6.2 | Emission management is covered in the project induction and has been discussed in pre-start talks. |
| | D | | Activities with the potential to cause significant emissions, such as material delivery and load out and bulk earthworks, would be identified in the CEMP. Work practices that minimise emissions during these activities would be investigated and applied where reasonable and feasible. | No | | Compliant | CAQMP Section 5 | Emission management is covered in the project induction and has been discussed in pre-start talks. |
| | E | | A mechanism for raising and responding to complaints would be put in place for the duration of the construction phase. | No | | Compliant | CEMP Section 8 & CCS Section 6. | Enquiries and complaints processes are outlined in the CEMP and further detailed within section 6 of the CCS. |
| | F | | Vehicle movements would be limited to designated entries and exits, haulage routes and parking areas. Project site exits would be fitted with hardstand material, rumble grids or other appropriate measures to limit the amount of material transported offsite (where required). | No | | Compliant | CAQMP Section 5 Site photos | Mitigation measures are outlined in section 5 of the CAQMP. The existing road network within the site is being used and only waste loaded on hardstand has been transported offsite. To date the risk of transporting material offsite has been minimal. A rumble grid has been installed at the site exit. |
| | G | | Work site compounds and exposed areas would be screened to assist in capturing airborne particles and reduce potential entrainment of particles from areas susceptible to wind erosion | No | | Not applicable to this reporting period | CAQMP Section 5 | Screening has been deemed unnecessary as the compound is located on hardstand within an area that is not to be disturbed by earthworks or demolition. Any exposed areas currently on site are wet down to control dust. Any exposed areas on site are watered down with water carts including a polymer binder application |
| | H | | Dust would be visually monitored during construction and the following measures would be implemented where necessary: Apply water (or alternative measures) to exposed surfaces that are causing dust generation. Surfaces may include any stockpiles, hardstand areas and other exposed surfaces (for example recently graded areas). Regular watering would ensure that the soil is moist to achieve 50% control of dust emissions from scrapers, graders and dozers. Appropriately cover loads on trucks transporting material to and from the construction site. Securely fix tailgates of road transport trucks before loading and immediately after unloading. Prevent, where possible, or remove, mud and dirt being tracked onto sealed road. Apply water at a rate of >2 litres (L) per square metre per hour (L/m ² /hr) to internal unsealed access roadways and work areas. Application rates would be related to atmospheric conditions (e.g. prolonged dry periods) and the intensity of construction operations. Paved roads should be regularly swept and watered when necessary. | No | | Compliant | CAQMP Section 5 | Dust Management is ongoing. Visual monitoring has been undertaken by the contractor and also occurred during ER Inspections and reported accordingly. Mitigation measures are outlined in Section 5 of the CAQMP and to date have included the below: 1. Water has been frequently applied to exposed areas. 2. Use of existing road network on site to not track material offsite. 3. Rumble grid has been installed at the site exit and every vehicle has to use the grid when exiting. 4. Polymer spray and covering of stockpiles when necessary. 5. All loads of waste transported offsite are covered with an enviro tarp. |
| | I | | Where reasonable and feasible, dust generating activities (particularly clearing and excavating) would be avoided or minimised during dry and windy conditions. (particularly clearing and excavating) would be avoided or minimised during dry and windy conditions. | No | | Compliant | CAQMP Section 5 | The weather forecast is checked daily and work activities are planned accordingly. |
| | J | | Project site speed limits of 20 km/h would be imposed on all construction vehicles travelling within the Project site | No | | Compliant | CAQMP Section 5 | 20 km/h speed limit is imposed on site; this is reiterated during the site induction. |
| | K | | Graders would be limited to a speed of 8 km/h to reduce potential dust emissions | No | | NA | CAQMP Section 5 | Graders have not been used during this reporting period. |
| | L | | Material stockpiles would not exceed an area of 1 ha and would be regularly watered to achieve 50% control of potential dust emissions | No | | Compliant | CAQMP Section 5 | Stockpiles volumes are routinely surveyed and are managed by shaping and polymers to minimise dust. |
| | M | | Exposed areas and stockpiles would be limited in area and duration. For example, vegetation stripping or grading would be staged where possible, unconsolidated stockpiles would be covered, or hydro mulch or other revegetation applicant applied to stockpiles or surfaces left standing for extended periods | No | | Compliant | CAQMP Section 5 | Excavation work has been progressively staged in accordance with the Soil and Water Management Plan and Air Quality Management Plan. |
| | N | | Revegetation or rehabilitation activities would proceed once construction activities were completed within a disturbed area. | No | | NA | CAQMP Section 5 | Revegetation and rehabilitation has not been undertaken during this reporting period as no areas have been completed. |
| | O | | Construction plant and equipment would be well maintained and regularly serviced so that vehicular emissions remain within relevant air quality guidelines and standards | No | | Compliant | CAQMP Section 6 | Plant and equipment is regularly serviced by Liberty mechanics and service records kept. |
| | P | | Excavation works in potentially contaminated soils should be managed to ensure that they are completed during optimal dispersive conditions to minimise odorous emissions. | No | | Compliant | CAQMP Section 5 | Excavation work in contaminated soils have been managed accordingly. |
| | Q | | Emissions from trucks would be regulated in accordance with the requirements prescribed in the National Environmental Protection Measure (NEPM) (Diesel Vehicle Emissions) (NEPC 2001) or suitably relevant standards | No | | Compliant | CAQMP Section 5 | Plant and equipment is regularly serviced by Liberty Industrial mechanics and service records are kept on file. |
| R | All construction vehicles would be tuned to avoid releasing excessive smoke from the exhaust and would be compliant with OEH Smokey Vehicles Program under the NSW Protection of the Environment and Operations Act 1997 (POEO Act) and POEO Regulations (NSW) (2010). | No | | Compliant | CAQMP Section 5 | Plant and equipment is regularly serviced by Liberty Industrial mechanics and service records are kept on file. | | |
| S | All on-road trucks are to comply with the Euro V emission standards or suitably relevant standards | No | | Compliant | CAQMP Section 5 | Plant and equipment is regularly serviced by Liberty Industrial mechanics and service records are kept on file. | | |
| T | All new off-road construction equipment would be required to meet, at minimum, the US Environmental Protection Agency (EPA) Tier 3 emission standards (or suitably relevant standards) for non-road diesel engines. | No | | Compliant | CAQMP Section 5 | Liberty Industrial uses new off road equipment made by Volvo. Volvo equipment meets Tier 3 emission standards. | | |
| U | Establishment of Action Response Levels (ARLs) for use with real-time dust management. These aid in the assessment of impact potential, and establish an early warning system during adverse trends, reducing complaint potential and non-compliance issues. An ARL trigger would be a defined measurement of elevated dust levels for a prolonged period | No | | Compliant | CAQMP Section 7 | The performance indicator for dust will be no visible dust leaving the site boundaries and/or no visible dust being generated that has the potential to affect the workers onsite. Any exceedance of this would trigger a response as outlined in Section 5 of the CAQMP. | | |

MPW Early Works: P6 Monthly Compliance Tracking - Revised Environmental Mitigation Measures

Responsibility for Compliance:
SIMTA (Principal)
Liberty Industrial (Contractor)

| No. | Part | Type | Condition | Secretary Approval Required? | Date Completed / Approval Received | Compliance Status | Reference document | Evidence |
|-----|------|---------------------|--|------------------------------|------------------------------------|-------------------|--|---|
| 11 | A | Greenhouse gases | Where possible, establish and maintain areas of native flora and vegetation within the Project site to generate significant carbon sequestration benefits. | No | | Non-compliant | CFFMP | A Biodiversity Offset Package (BOP) is currently in development by Parsons Brinkerhoff within inputs by Arcadis ecologists. The BOP is expected to be finalised in the second quarter of 2018. A Memo was submitted by Arcadis to inform DPE that as a result of early works there would be no impact on native vegetation. The revised copy was issued to Tactical on the 13/02/2018 for issue to DPE. Tactical issued the revised copy of the memo to DPE on 12/02/18. DPE confirmed condition satisfied on 22/02/18. |
| | B | | Where possible, implement the use of biofuels (e.g. biodiesel, ethanol, or blends such as E10 and B880) to reduce GHG emissions from plant and equipment. | No | | In-progress | Not yet possible | Liberty have briefly investigated the viability of biodiesel equipment however have found implementation not possible under current market availability. Investigation on going. |
| | C | | Consider the use of vehicles with minimum GHG emissions ratings of 7.5 for passenger vehicles and 6 for light commercial vehicles, as described in the Green Vehicle Guide | No | | In-progress | | No new vehicles have been purchased in the last 6 months. Fleet hire vehicles are low mileage and very few options are available. |
| 12 | A | Aboriginal Heritage | Where reasonable and feasible, options would be explored to conserve moderate to high significance sites in situ. | No | | Compliant | CHMP and Salvage Strategies | Seven RAPs were contacted to review and provide feedback. Two parties responded, both advising that in relation to the long-term storage of recovered artefacts that these artefacts should be reburied on Country. |
| | B | | An Aboriginal heritage interpretation strategy for the Project would be developed in close consultation with the registered Aboriginal parties | No | | In-progress | Heritage Interpretation Strategy | An HIS for MPW Precinct is currently in development. The HIS has been developed in consultation with the RAPs and presents three major themes for interpretation and suggestions for the best methods of interpretation. |
| | C | | Options for managing impacts at sites MA6 and MA7 would be explored during the detailed design phase in consultation with registered Aboriginal parties (RAP). If the scars are considered to be of Aboriginal origin, possible management options include: • Conservation of the tree(s) in situ. This would involve designing the project to ensure that the tree(s) would not be impacted. • Salvage and conservation of the tree(s), or the scarred portion of the tree's trunk, at a location outside the project area. In the event there is not a consensus of views among all of the RAPs, it is recommended that a precautionary approach be taken. This would involve acting upon statements of the tree(s) holding cultural value, even if only a minority of RAPs view either or both trees as holding cultural value. | No | | In-progress | Heritage Interpretation Strategy | Management of the scar trees have been discussed with the RAPs and included within the HIS. The preferred mitigation for MA6 and MA7 is to relocate the trees to Thirlmere. The relocation of the trees will not occur until MPW Stage 2. |
| | D | | An archaeological salvage excavation program would be implemented to preserve archaeological deposits of moderate to high archaeological/scientific significance located within the construction footprint (items recorded at MA5 and MA9). Consideration would be given to conserving both sites in situ, within open space reserves, or as an extension of the proposed conservation zone | Yes | 15/06/2017 | Compliant | CHMP - Aboriginal Salvage strategy | A salvage strategy was approved by DPE on 15/06/17. All required investigation works have been completed in late 2017. A summary report is in preparation. |
| | E | | A surface salvage program would be carried out to conserve surface artefacts located within the construction footprint (items recorded at MA1, MA2, MA3 and MA4). Salvage of surface artefacts would be undertaken before any impacts in these areas | Yes | 15/06/2017 | Compliant | CHMP - Aboriginal Salvage strategy | A salvage strategy was approved by DPE on 15/06/17. All required investigation works have been completed in late 2017. A summary report is in preparation. |
| 13 | D | European heritage | Where avoidance of impacts on a heritage item is not reasonable or feasible, mitigation works inclusive of archival recordings, salvage of archaeological deposits, relocation of significant elements of the built environment and/or adaptive reuse would be undertaken. | No | | Compliant | OfMR | An Options for Mitigation Report (OfMR) has been prepared for each of the non-Indigenous heritage items remaining on site, namely the CUST Hut, STRARCH Hanger, Memorial Gardens and Dog Cemetery. A detailed account of consultation and assessment of all heritage items of significance is included in the OfMR. |
| | E | | A European heritage interpretation strategy would be developed in close consultation with local historical societies, former and current staff and military personnel | No | | Compliant | OfMR Section 3. MPW Heritage Interpretation Strategy (HIS) | Options for Mitigation Report section 3 has a detailed account of consultation in preparation of this plan. Furthermore, the Heritage Interpretation is currently being prepared and included consultation with relevant stakeholders. |
| | F | | No impacts would occur within the potential archaeological deposits (PAD) boundaries of Moorebank Historical Potential Archaeological Deposit (MHPAD) 1 and MHPAD2 without prior archaeological salvage, as these sites contain archaeological deposits, inclusive of in-situ building remains, that are assessed to be of local significance in the context of the history of military housing and training at Moorebank | No | | Compliant | CHMP | Archaeological excavation, salvage and mapping has been ongoing in MHPAD1 and MHPAD2. An archaeological investigation report will be produced based on the findings of these excavations. These findings will also feed into the HIS. |
| | G | | In addition to archival recording of the Transport Compound Workshop (B99), consideration would be given during the detailed design stage to the in-situ conservation or adaptive reuse of this structure within the Project site. This would assist with mitigation of heritage impacts on the structure itself and the Moorebank Cultural Landscape as a whole. | No | | Compliant | OfMR | The OfMR has a detailed account of consultation and assessment. The B99 Transport Compound Workshop has been archivally recorded, however, there are no options for on site adaptive reuse. |
| | H | | In addition to archival recording, the Dog Cemetery (MH1) would be repositioned and the individual graves reinterred. This would be carried out in accordance with the wishes of the SME's Explosive Detection Dogs unit and respecting the social value of the site. | No | | Compliant | OfMR | Options for Mitigation Report has a detailed account of consultation and assessment. The salvage of the canine remains within the MH1 Dog Cemetery was undertaken according to the salvage strategy contained within Appendix C and completed on 3/2/17. The remains were transferred to the Department of Defence for repatriation. |
| | I | | In addition to archival recording, consideration would be given during detailed design to the in-situ conservation of the Commemorative Garden (MH6). If in situ conservation is not possible, the plaques and planting should be relocated to an alternative location on public display within the Project | No | | Compliant | OfMR | Options for Mitigation Report has a detailed account of consultation and assessment. The retained items in the garden have been offered to Holsworthy Museum for display. |
| | K | | The Unanticipated Discoveries Protocol (detailed in Appendix 7 of Technical Paper 11 – European Heritage Impact Assessment in Volume 8) would be followed in the event that historical items or relics or suspected burials are encountered during excavation works | No | | Compliant | CHMP | Non Aboriginal Salvage Strategy. If at any point state significant finds are encountered during the works, OEH (Heritage Division) will be notified and further discussion regarding consideration of appropriate interpretation will be undertaken. |

MPW Early Works: 6 Monthly Compliance Tracking - Revised Environmental Mitigation Measures

Responsibility for Compliance:
SIMTA (Principal)
Liberty Industrial (Contractor)

| No. | Part | Type | Condition | Secretary Approval Required? | Date Completed / Approval Received | Compliance Status | Reference document | Evidence |
|-----|--|---------------------------------|---|------------------------------|------------------------------------|--|---------------------------|---|
| | L | | The Unanticipated Discoveries Protocol (detailed in Appendix 7 of Technical Paper 11 – European Heritage Impact Assessment in Volume 8) would be followed in the event that historical maritime items or relics are encountered during bridge works within the Georges River. | No | | NA | NA | No works will be undertaken within the Georges river under the MPW SSD 5066 approval. |
| | M | | Further consideration would be given to options for the retention and/or relocation and adaptive reuse of the CUST Hut and the RAAF STRARCH Hangar to mitigate impacts on heritage values associated with these structures and to broaden their cultural landscape. | No | | Compliant | OfMR | Options for Mitigation Report has a detailed account of consultation and assessment. Part of the CUST Hut and the RAAF STRARCH Hangar will be retained for reuse in an interpretive display. This is further detailed in the MPW HIS. |
| 15 | B | Property and Infrastructure | Implement 'dial before you dig' protocols for all potential utilities affected by the Project | No | | Compliant | CEMP | Utilities near site are identified by dial a dig enquiry. Utility providers provide information regarding location of services near site. Liberty has worked with all utility providers to ensure utilities are disconnected, cut or capped before works commence. |
| 16 | A | Social and Economic Impacts | A Project contact phone number and website would be maintained during construction and operation to enable the community, including local business owners and/or operators, to access information on the Project and receive responses to any concerns | No | | Compliant | CCS | Elton Consulting has been appointed as the Community Consultant and handles all complaints and enquiries. 24hr info line 1800 986 465 www.simta.com.au simta@elton.com.au PO Box 1488 Bondi Junction NSW 2022 SIMTA newsletter distributed monthly (approx.) which includes contact details. http://simta.com.au/newsletter/ Distribution footprint on final page of Elton Community Communication Strategy. |
| | B | | A complaints line and resolution process would be set up and maintained. | No | | Compliant | CCS and CEP | All complaints and enquiries are managed by Elton Consulting in line with the Communications and Engagement Strategy. See section 8.16 for flow charts relating to enquiry and complaints handling. |
| 18 | A | Waste Management - Construction | A construction waste management plan (or equivalent) would be prepared as part of the overall CEMP. This would implement key principles of relevant waste guidelines, and the waste management hierarchy of reduction, reuse, recycling and recovery. | No | | Compliant | CEMP | Included in Appendix A4 of the CEMP "Waste Management Strategy". |
| | B | | The waste hierarchy would be investigated and implemented where possible with avoidance of waste, re-use and recycling incorporated into construction methodologies | No | | Compliant | CEMP Appendix A4 | Waste management is outlined in Appendix A4 of the CEMP. To date liquid waste and mixed waste from soft strip activities have been removed from site and sent to a licensed material recycling facility. |
| | C | | Consideration would be given to the selection of materials for use in construction to minimise waste generated throughout their lifecycle. | No | | NA | Not Applicable | There will be no construction during demolition and remediation activities. |
| | D | | Where practicable, construction materials that contain minimal embodied energy would be preferred. | No | | NA | Not Applicable | There will be no construction during demolition and remediation activities. |
| | E | | Opportunities would be explored where practicable to recycle or re-use materials arising from demolition works, with a preference for onsite re-use where possible (or recycling through an appropriate recycling contractor). | No | | Compliant | Waste Management register | Where possible materials will be re-used and recycled. The Moorebank Precinct is applying for an EPL for processing of materials recovered during construction such as concrete and asphalt. Steel and other metal components have been transported off-site to licensed facilities |
| | F | | Where possible, site disturbance and unnecessary excavation would be minimised. | No | | Compliant | SWMP | Excavation during demolition and remediation work is limited to remediation of contaminated soils and removal of underground storage tanks. No other excavation work will occur during the early works. |
| | G | | Formwork would be re-used where possible. | No | | NA | Not Applicable | No formwork will be used during demolition and remediation work. |
| | H | | Sewage waste would be disposed of by a licensed waste contractor in accordance with Sydney Water and OEH requirements. | No | | Compliant | CEMP Appendix A4 | Sewage waste is disposed of by a licensed waste contractor, Brandster Services as per the Waste Management Plan |
| | Y | | Measures to minimise the use of energy and fuel would be investigated and implemented where appropriate. These may include using non-renewable sources such as petroleum, diesel, natural gas and liquefied natural gas. | No | | In-progress | CEMP | Liberty are currently investigating the use of alternative fuels to use during Early Works. Liberty have also procured new machinery to use at commencement of early works which provide additional efficiency. |
| Z | Where practicable, water would be re-used onsite, including water stored in sediment basins. | No | | Compliant | CSWMP Section 7 | Ponded water on site, including that in sediment basins would be tested in accordance with the Soil and Water Management Plan and the Contamination Management Plan and managed accordingly. Including potential reuse for dust suppression. | | |

