

AFC INTERNAL REF 30013454

**Construction Environmental Management Plan** 

## **Bradfield City Centre Stage 2A**

Client Reference No. WPCA000158 Prepared for: WPCA 18 April 2024

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#### 1. Introduction

This Construction Environmental Management Plan (CEMP) has been prepared for the civil works within the Bradfield City Centre Stage 2A. This CEMP addresses all the environmental impacts identified and details how the environmental safeguards will be implemented and maintained for the duration of the works. The objective of the CEMP is to formulate measures which will mitigate adverse impacts on various environmental components and protect environmental resources where possible.

The main impacts and safeguards in this CEMP are:

- Noise and Vibration
- Sediment and Erosion
- Landscaping and Revegetation
- Traffic Managements
- Air Quality
- Groundwater Seepage
- Biodiversity
- Soil and Water Quality
- Waste Management
- Indigenous and European Heritage
- Emergency Planning and Response

Approvals to be sought prior to commencement of these works are:

- Review of Environmental Factors (REF)
- Issue for Construction Plans

#### 1.1 Project Description

The Bradfield City Centre comprises 114.9 ha of land located at 215 Badgerys Creek Road, Bradfield NSW 2556, within the Aerotropolis Core Precinct. Western Parkland City Authority (WPCA) is responsible for preparing a master plan and

facilitating the development of the Bradfield City Centre site. The Bradfield City Centre is proposed to be delivered as part of the initial stages within the Aerotropolis Core lands. It is expected a detail CEMP will be prepared by the construction contractor prior to any construction.

#### 1.2 Site Description and Locality

The site is bound by Badgerys Creek Road on the west and Thompson Creek to the south. The site is within the aerotropolis precinct. The site is currently already under development as Building 1 located within Stage 2A is under construction as of the time of this CEMP.

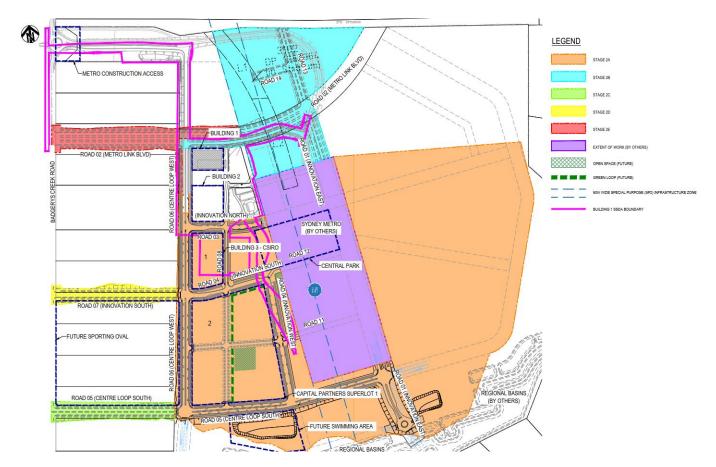


Figure 1- Stage 2A Site Extents

#### 2. Training, Awareness & Competence

This Construction Environmental Management Plan (CEMP) addresses all the environmental impacts identified; should the event of an accident or emergency occur; site personnel are to follow the information in this report to understand the steps that are required to be undertaken.

All personal must be inducted onto the site in accordance with this CEMP, Incident Management Plan and the Site Induction provided by the contractor and recorded as per below. The contractor is to further ensure all personnel have site familiarity knowing of amenity, site office and access locations as well as knowledge and understanding of this CEMP.

Training and awareness shall be provided by the contractor to ensure the full extent of the Erosion and Sediment Control Measures outlined under Section 5 of this Management Plan is implemented at site and along with emergency response training to ensure the proper protocols are followed in such events.

A DRAFT copy of a site induction record is provided in Appendix B.

#### 3. Environmental Aspects & Impacts

The register below outlines the possible impacts on the environment and making an assessment on risk and proposing control measures to minimise risk and ensure environmental obligations are met. It is the responsibility of the nominated stakeholder to ensure the control measures are put in place and followed.

Ref No.	Environmental Aspect	Potential Impact	Risk Impact	Control Measures	Frequency	Responsibility
1.0	Air Quality	Dust generated from vehicle movement on unsealed surfaces	L	<ul><li>a) Vehicle access to be kept to sealed roads or designated access points wherever possible.</li><li>b) Trucks to travel at low speeds.</li></ul>	D	Contractor
1.1		Dust generated from disturbed areas.	L	Wet down stockpiles or access road	D	Contractor
1.2		Emissions of air pollutants from motor vehicles / plant	L	a) Limit machinery movements  Ensure machines are in good working order. Refer  "Plant Pre-start" check list	D	Contractor
2.0	Erosion & Sediment Control	Limit the amount sediment laden water leaving site	М	<ul> <li>a) Stormwater pits: Provide straw bale filters &amp; filter snakes to kerb &amp; gutter.</li> <li>b) Stockpile: Silt fencing to be installed downstream side of any stockpiling</li> <li>c) Note: Silt Fences &amp; filter snakes to be regularly inspected.</li> </ul>	PC / D	Contractor
3.0	Water Quality & Drainage	Water pollution & contamination of soil due to inappropriate containment of	L	<ul> <li>a) Chemicals, fuels &amp; wastes will be stored in sealed containers</li> <li>b) No chemicals, fuels, stockpiles or wastes to be stored within Stormwater or natural drainage lines</li> </ul>	PC	Contractor

		hazardous materials		<ul> <li>c) As required, remove hazardous materials from site, provide waste depot dockets as evidence</li> <li>d) Containment of spills by use of a bunded area.</li> <li>Works to be done in accordance with Statement of Environmental Effects and conditions of development consent.</li> </ul>		
4.0	Flora & Fauna	Removal of habitat trees and removal of fauna	М	Trees that are to be removed are to be clearly marked.  Ecologist to be on site during clearing works.  Works to be done in accordance with Statement of Environmental and conditions of development consent.	PC	Contractor
5.0	Social Environment / Public Amenity	Disruption to supply	L	<ul> <li>a) To minimise effects on public amenity affected residents and property owners will be notified in writing before the works commence. Details include intended works, duration of activities and details of whom to contact with any questions regarding the work.</li> <li>Permission is to be sought if there is any need to access private property.</li> </ul>	PC	Contractor/ Superintendent
5.1		Social environment	L	Equipment on site is to be stored to minimise visual impact. At completion of works all equipment is to be removed from site & site restored.	D	Contractor
6.0	Traffic	Minor: Access & parking not restricted, slight increase in traffic movements	L	<ul> <li>a) Care should be taken to ensure access is not restricted</li> <li>b) If work is near roads warning signs are to be erected.</li> <li>c) Traffic related works are to be done in accordance with Traffic Impact Assessment.</li> <li>d) Contractor parking to be onsite for as far as reasonably practicable.</li> <li>Existing pedestrian access safely maintained.</li> </ul>	D	Contractor
6.1		Moderate: Some access & parking restrictions. Partial lane closure	L	<ul> <li>a) Warning signs need to be erected to alert road users of change in conditions.</li> <li>b) Transport for NSW conditions are to be followed where applicable.</li> <li>Traffic management contractor to be engaged to control traffic flow as required.</li> </ul>	PC	Contractor
6.2		Major: Road closure, restricted access & parking.	L	Contact Traffic management sub-contractor to advise on traffic management plan	R	Contractor
7.0	Waste Management	Potential risk of polluted runoff	L	a)Skip bins should be provided as necessary to contain waste material     b)General waste to be disposed of offsite at an	PC	Contractor

				appropriate location		
7.1		Diesel fuel Spillage	L	a) Containment of spills by use of a bunded area.	PC	Contractor
8.0	Noise	Construction noise may increase noise levels above background levels	L	a) All plant and equipment will comply with EPA guidelines  All equipment will be regularly serviced	D	Contractor
8.1			L	Working hours will be in accordance with EPA or council guidelines (as determined by REF approval).	D	Contractor
9.0	Utilities & Public Services	Disruption to supply of public services	L	All services currently on site will be identified prior to any construction activities.	PC	Contractor
9.1		Working in the vicinity of overhead powerlines.	Н	All works are to be done in accordance with Endeavour Energy including and not limited to Work Near Overhead Power Lines Code of Practice & Endeavour Energy Electrical Safety Rules	D	Contractor
9.2		Working in the vicinity of underground pipelines.	М	All works to be done in accordance with Sydney Water guidelines including and not limited to Technical Guidelines Building Over and Adjacent to Pipe Assets.	D	Contractor
10.0	Pollution Incidents	Environmental damage or harm	L	All incidents that cause or have the potential to cause environmental damage or harm should be reported immediately without exception to the five (5) authorities listed below in the following order:  EPA Environment Line	R	Field Manager/ Team Leader
11	Unexpected Finds	Damage to previously unidentified archaeological remains	L	Prepare unexpected finds protocol and provide site induction for all contractors	PC	Contractor

**Risk Impacts Key** 

L- Low

M - Medium

H- High

**Frequency Key** 

D - Daily

PC – Prior to Commencement

R – As required

#### 4. Noise and Vibration Management

Works are to be completed within approved hours as determined in the REF approval.

Management to minimise noise:

- Consultation with the residents should begin at an early stage to advise residents on works and to plan for the noisiest activities to occur during times of least disturbance for the residents, where possible.
- All equipment should comply and be maintained in accordance with EPA Guidelines.
- Report any excessively noisy equipment promptly to Site Manager so maintenance can be organised (keep record of Community Consultation in a register.
- When works have to be completed that involve increased noise, work is to be arranged at appropriate hours to minimise disturbance to neighbours and decrease any reports/ complaints that may be made.
- Choose suitable equipment and work methods to minimise overall disturbance and/or damage from vibration.
- Following site noise and vibration assessment investigations undertaken in July 2023, a detailed noise and vibration management plan was prepared, refer to Appendix A for report.

#### 5. Sediment and Erosion Control

The objectives of the erosion and sediment control for the development site are to ensure:

- Adequate erosion and sediment control measures are implemented prior to the commencement of construction and are maintained during construction; and
- Construction site runoff is appropriately treated in accordance with the requirements of Liverpool City Council.

As part of the works, erosion and sedimentation controls shall be constructed generally in accordance with the drawings, Landcom's Blue Book and Sydney Water's requirements.

The bulk earthworks for the Stage 2A development will involve grading and road construction. All sediment and erosion controls will be maintained as required during construction.

Temporary detention/ bioretention basins will be utilised as a sediment basin and maintained during civil construction to control soil loss. The location of the basins are shown below.

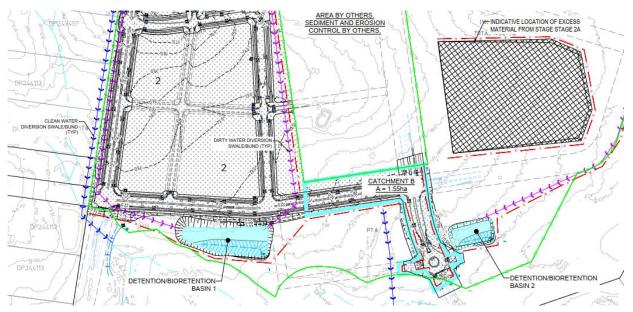


Figure 2- Temporary Sediment Basin Locations

#### 5.1 Construction Measures

Prior to any earthworks commencing on site, all erosion and sediment control measures will be implemented and maintained generally in accordance with the above specifications. The contractor will be required to modify the erosion and sedimentation control measures shown on the set of drawings to suit the actual construction programme, sequencing and techniques. These measures will include:

A perimeter fence around the site and a security fence is to be placed around any proposed temporary sediment basin as required.

- Construction of diversion swales to divert upstream clean water
- Installation of sediment fencing around disturbed areas, including any topsoil stockpiles
- Installation of silt arrestors to collect site runoff and retain suspended particles
- Placement of straw bales around and along proposed catch drains and around stormwater drainage pits
- Installation and maintenance of a stabilised access point at each site exit to avoid trailing of sediment onto the surrounding road network
- Maintenance of the sediment basin

#### 6. Landscaping & Revegetation Plan

Management to minimise remaining vegetation loss:

- The Contractor shall follow the recommendations within the Bradfield City Centre Stage 2A REF biodiversity Addendum Final Report Section 5, the locations of the Threatened Ecological Species (TECs) and native vegetation are to be identified as No Go zones and shall be retained. The *Biodiversity Addendum Report* can be found under Appendix L of the REF.
- Appropriate exclusion fencing to the boundary of any TECs and native species shall be installed with suitable signage identifying the areas as No Go zones or as protected areas.
- During vegetation removal, the Contractor must ensure all priority weeds have been eradicated.
- Where hollow bearing trees are present and required to be removed, the Contractor must ensure an ecologist is
  on site during the removal and ensure the felled trees have been inspected by the ecologist. The Contractor is to
  refer to the Bradfield City Centre Stage 2A REF biodiversity Addendum Final Report Section 5 for nest box
  installation requirements.
- Do not park equipment or place stockpiles under the canopy of any retained vegetation.
- Tread carefully in densely vegetated areas and cautiously choose off-road parking and turning areas.
- Fence off limits of working area to prevent equipment and vehicles unnecessarily disturbing vegetation.
- Fence off any vegetation inside the working area which is to be retained.

#### 7. Traffic Management

Works are to be completed in association with the Traffic components (Refer to Section 6.1 & 6.2) of the Environmental Aspects table.

Management of Traffic:

- Minimise traffic disruption as much as possible by timing works around peak traffic times;
- If required to park in areas that may restrict traffic, to erect signage to warn others; and
- A Traffic Control Plan is to be provided by the contractor before commencing works.

During construction, the site will be accessible to all construction vehicles via Badgerys Creek Road. It is expected the volume of construction vehicles will be significant during all stages of construction as they may still occur concurrently with the Aerotropolis Metro Station construction works. Badgerys Creek road will be servicing vehicles for two adjacent construction works. It is anticipated the largest vehicle on-site will be a prime mover with a long semi-trailer (25 metres in length) however this is subject to the nominated contractor's methodology and nominated construction vehicles.

All construction vehicles on-site must be reachable through UHF radio, adhere to site communication guidelines outlined during induction (whether online or face-to-face), comply with exclusion zones and designated haulage routes, and refrain from reversing on-site without proper authorisation. The internal haulage routes and Vehicle Movement Plans (VMPs) will be established based on a risk assessment process, taking into account factors such as excavations, plant operations, exclusion zones, worker and pedestrian arrangements, and progression. These VMPs will be communicated to vehicle and plant operators daily during toolbox or pre-start meetings.

It is not expected that the movement of construction vehicles within the site will have an impact on pedestrians or cyclists, as the site currently does not allow public access. There are no foreseen disruptions to bus routes. Construction vehicles will be coming to site from Badgerys Creek Road which is sealed pavement that allows two-way movements. As such, impacts to property access for the residents along Badgerys Creek Road is not anticipated.

Emergency vehicles should approach the site with emergency lights activated, following general road conditions. All other vehicles are required to yield to emergency vehicles. When Traffic Control personnel are present, they will prioritize the passage of emergency vehicles through the work zone, provided that conditions are deemed safe.

Site access and egress points are to be clearly marked on the approved TCP which is active for that work stage. During non-working hours each access point into the site will be secured with locked fences. Site egress will be via the nominated Site egress gates. All vehicles exiting the site are to ensure that they are leaving with their flashing lights still in operation. All site access points are to be sign posted and the approved traffic management plans are to indicate where interactions between vehicles exist.

In the event there is an overflow of parking on-site, the contractor is to nominate additional areas on-site for parking that are clear of construction vehicle movements and are trafficable for light trucks. The preference would be to provide the additional parking as close to the entry and exit points as feasible.

Upon completion of the construction works, the nominated contractor will be responsible for restoring any damaged pavements as a result of vehicle loads on pavement and any other damage to kerbs and footpaths. This will be identified during Practical Completion. Where significant damage to existing roads is done during construction, the nominated contractor will be held responsible to rectify the defects.

Whilst there are no school bus routes along Badgerys Creek Road, there are bus routes north and south of Badgerys Creek Road servicing transport to Cecil Hills Public School and Unity Grammar College. These busses generally run from 8AM-9AM in the morning and 3PM-4PM in the afternoon. It is not anticipated the bus operations will be impacted by the construction vehicle movements. In the instance where school busses do travel along Badgerys Creek Road, the contractor shall ensure sufficient traffic management measures such as enforced speed limits and traffic controllers are present along Badgerys Creek Road during the school bus movement windows.

#### 7.1 Incident Management

The nominated principal civil contractor must ensure the development, implementation, and communication of their Emergency Response Plan to all team members, contractors, and visitors on-site. In the event of an emergency, the Site Supervisor is responsible for executing the appropriate procedures outlined in their Emergency Response Plan and Safe Work Method Statement. Emergency incidents can occur during or outside regular working hours. It is imperative that personnel receive training on the procedures to follow during such incidents, and contact details for emergency services organisations should be provided to expedite resource deployment.

Any hazards or safety-related incidents, including injuries, accidents, near misses, or environmental issues, must be promptly reported to the Project Supervisor and WPCA in accordance with the contractor's Accident and Incident Management procedure. The Project Supervisor and the relevant Operations Manager will then report the incident to the appropriate authority and initiate mitigation measures as soon as it is safe to do so.

Following an incident or accident, an incident notification form should be completed as soon as practicable, with investigations and improvement actions to be carried out upon approval and authorisation.

A site evacuation has been prepared and is attached under Appendix F, this is to be reviewed by the principal contractor prior to commencement of work.

## 8. Air Quality Management

The likelihood of windblown dust being produced at the Bradfield construction site is significant. The quantity of dust generated is contingent upon various factors including planning, weather conditions, ongoing activities, the materials in use and implemented control measures. Additionally, the prevailing wind direction can vary throughout different seasons, and wet weather conditions can further influence the situation.

Another type of air pollution that may potentially arise on a construction site stems from emissions produced by machinery. These emissions typically occur when equipment is either poorly maintained or outdated.

The construction works are to be completed in association with the Air Quality (Refer to Section 1.1 & 1.2) component of the Environmental Aspects table.

Management of Air Quality:

- Neighbours will be advised of the timing and duration of works likely to generate dust.
- Use of dust screens (shade cloth or similar on boundary fences)
- Do not burn cleared vegetation or other waste material or litter.
- Maintain machinery in accordance with manufacturers specifications so that emissions comply with the State Environment Protection Policy (The Air Environment)
- The Site Manager must be notified immediately if any dust complaints are received.
- If dust cannot be controlled, then cleared areas will be covered to minimise dust.
- All emission controls on work vehicles and equipment will comply with EPA requirements. Work vehicles and equipment will only be left idling when required for the operation of equipment.

#### 9. Groundwater Seepage Control

Reducing the impact to groundwater-dependent ecosystems resulting from groundwater drawdown is crucial for preserving sensitive environments. Construction management measures to mitigate these impacts typically involve careful planning, monitoring, and implementing best practices. The below are key measures for consideration:

- The nominated contractor should consider the installation of a network of monitoring wells to continuously track groundwater levels and quality during construction. This helps in identifying any adverse impacts early on
- The nominated contractor should modify construction plans to avoid impacting critical groundwater-dependent areas. This may involve changing the location of facilities, structures, or infrastructure.
- The nominated contractor should develop contingency plans for unexpected events, such as equipment failures or extreme weather events, to minimize the risk of unintended groundwater drawdown impacts.

#### 10. Biodiversity

A Biodiversity Strategy and Impact Assessment has been prepared by Biosis in August 2023 as part of the Masterplan. This report is to be provided to the nominated principal contractor prior to commencement of works. The findings from this report indicate further biodiversity assessment for the site is not required. The contractor is to minimise removal of native vegetation and avoid disruption to existing riparian corridors. The contractor is to ensure

appropriate sediment control measures are put in place to ensure run-off during construction does not result in indirect impacts to the watercourse. Where threatened species identified under the Biodiversity Assessment are encountered, the contractor is to flag this with the Principal for further instruction.

To prevent biosecurity impacts, in accordance with the NSW Biosecurity Act all practical steps should be taken to control and eradicate priority weeds from future development footprints prior to or during vegetation removal. A preclearance assessment may need to be undertaken to identify potential weed material and recommend appropriate treatment or disposal measures.

#### 11. Soil and Water Quality

As per the Douglas Partners Geotechnical and Salinity Assessment, the Australian Soil Resource Information System managed by CSIRO Land and Water maps the Bradfield Stage 2A site as extremely low probability of Acid Sulfate Soil occurrence, this report is available under Appendix J *Geotechnical and Salinity Assessment Addendum* of the REF. The disturbance of actual or potential acid sulphate soils and/or acid drainage discharge can have significant adverse impacts on soil and water quality. Acid sulphate soils contain iron sulphide minerals that, when exposed to air and water through excavation or disturbance, can oxidize, leading to the release of sulfuric acid and heavy metals. The nominated principal contractor should implement comprehensive environmental management plans. These plans should include measures such as soil testing before disturbance, appropriate soil handling and containment techniques, neutralisation of acid drainage, and sediment control to prevent soil and heavy metal runoff.

If site workers or members of the local community come into contact with contaminated soil or hazardous building materials exposed during ground disturbance and demolition activities, the principal contractor must prioritize safety and environmental protection. Immediate steps should be taken to ensure the well-being of individuals involved. Medical attention should be sought for any potential health concerns, and a record of the incident must be documented for reporting purposes. Simultaneously, the contractor should engage qualified environmental consultant to assess the extent of contamination, implement containment measures to prevent further spread, and develop a comprehensive remediation plan in accordance with LCC regulations and environmental best practices.

## 12. Visual Amenity

The proposed construction works are not anticipated to impact the visual amenity of the area as the site is located near an existing live construction site for the new Sydney Metro network. The site is not located near any buildings or highways where any screening of the works would be required.

#### 13. Waste Management

Works are to be completed in association with the Waste Management (Refer to Section 7) component of the Environmental Aspects table.

Management of waste:

- All waste material will be disposed of in accordance with the provisions of the Protection of the Environment Operations Act 1997 and the Waste Classification Guidelines (DECC, 2008)
- Sufficient number of covered storage bins will be provided for waste disposal on site. Separate bins will be provided for recyclable and non-recyclable waste.
- All general garbage from the work sites is to be removed at the conclusion of works
- All records will be retained as proof of correct disposal for environmental audit purposes.

## 14. Indigenous & European Heritage

The nominated principal contractor shall be provided a copy of the *Statement of Heritage Impact August 2023*, prepared by Extent Heritage prior to commencement of construction works. *The Aboriginal Cultural Heritage Assessment Report* and the *Non-Aboriginal Heritage Assessment Addendum* can be found under Appendix N and O of the REF respectively.

Management of uncovered heritage items:

- Should any relic, artefact or material (including skeletal remains) suspected of being of Aboriginal or European origin be encountered, cease all work that might affect the relic, artefact or material.
- Protect the relic, artefact or material from damage or disturbance.
- Notify the National Parks and Wildlife Service.
- While not expected should any item be encountered which is suspected to be a relic of heritage value, cease all construction work that might affect the item.
- Protect the item from damage or disturbance.
- Notify the Heritage Office.

## 15. Emergency Planning and Response

An environmental incident or emergency is any event that causes or has the potential to cause environmental damage. An incident report form is provided in Appendix C. The site foreman is responsible for ensuring all relevant information pertaining to hazardous materials, MSDS and spill containment material are up to date and readily available at the site office location. Responsibilities are listed below:

Responsibilities	Nominated Delegate	Contact Number
Overall compliance on site to EMP & legislation	Principal Contractor	TBD
Communicating EMP information including location of information on hazardous materials	Principal Contractor	TBD
Providing EMP training & site induction	Principal Contractor	TBD
Maintaining accident & emergency procedures	Principal Contractor	TBD
Conducting site inspections	Principal Contractor	TBD
Identifying, assessing and controlling hazards	Principal Contractor	TBD
Reporting incidents and emergencies	Principal Contractor	TBD
Managing Corrective Actions	Principal Contractor	TBD

#### **Emergency Contact Details:**

Contact	Phone
Emergency Services	000
General Hospital – Campbelltown	(02) 4634 3000
Police Station - Narellan	(02) 4632 4499
Fire Brigade – Smeaton Grange	(02) 4647 7266
Work Cover Authority	131 050
Sydney Water (Emergency)	132 090
Endeavour Energy (Emergency)	131 003
Telstra	132 203
Pollution Incident Line (24hrs)	131 555
E.P.A Environment Line	131 555
Water Service Coordinator (SMEC)	(02) 4640 8222
WPCA HSE Director	(04) 03 956 959
Council – Liverpool	1300 362 170

#### In the event of an incident / emergency:

If there is danger to persons, the Site Foreman will commence the evacuation procedure and contact emergency services and the Superintendent. If there is no immediate danger, the Site Foreman will make the area safe and report the incident to the Superintendent. The Site Foreman will be responsible to complete an incident report form (see Appendix C).

#### **Evacuation Procedure:**

In the event of an evacuation on site you will be contacted via UHF radio and the following procedure will apply.

- 1. Stop using all plant and equipment immediately!
- 2. PROCEED TO MUSTER POINT IN AN ORDERLY MANNER.
- 3. Notify all workers as you proceed to the Muster point.
- 4. Site Foreman will check that all workers are present.
- 5. The Site Foreman must be notified if any persons have not been accounted for.
- 6. The Site Foreman will if necessary contact any emergency services.
- 7. No person is allowed to return to work until authorised by the Site Foreman/Project Manager.
- 8. Site Foreman must notify the Superintendent in writing as soon as possible after the event when safe to do so. Public and any relevant stakeholders with then be consulted thereafter if necessary as determined by the Superintendent and EPA policy and protocol.

## 16. Auditing & Monitoring

The identified environmental aspects as detailed in the Environmental Aspects Table (Section 3) is to be monitored and verified as per below.

Upon commencement of works, provide details below of measures that have been put in place to safeguard the environmental aspects identified.

Upon completion, or a change in methodology, provide updated details that address the environmental aspects identified.

If any breach of the environmental aspects table control measures occurs, a non-conformance report is to be prepared notifying relevant authorities within 5 working days of the incident. Refer to Section 3 for frequency of monitoring.

Corrective actions are to be commenced immediately upon non-conformance incident notification with the objective of returning the non-conformance back within accepted limits.

Ref No.	Environmental Aspect	Monitoring	Responsibility	Monitoring Frequency
1.0	Air Quality	Visual inspection	Contractor	Daily
2.0	Erosion & Sediment Control	Visual inspection	Contractor	Daily
3.0	Water Quality & Drainage	Visual inspection	Contractor	Daily
4.0	Flora & Fauna	Visual inspection.  Ecologist to be on site during clearing of habitat	Contractor	Weekly
5.0	Social Environment / Public Amenity	Visual inspection	Contractor/ Superintendent	As required
6.0	Traffic	Visual inspection	Contractor	Daily
7.0	Noise	Visual inspection	Contractor	Daily
8.0	Utilities & Public Services	Visual inspection	Contractor	Daily
9.0	Pollution Incidents	Visual inspection	Field Manager/ Team Leader	As required

This CEMP will be reviewed by the Project Manager every six months until the completion of the works. Any necessary changes are to be conveyed to those using this EMP through on-site meetings and an updated EMP provided if necessary.

#### **Appendix A**

## **RSA Noise and Vibration Management Plan**

## **Appendix B**

## **Site Induction Record**

Site Name: Bradfield City Centre Stage 2A							
Contractor:							
Name	Date	Company Name	Signature				

## **Appendix C**

## **Incident Report Form**

Date & Time of Incident	
Location of Incident	
Description of Incident	
Person making Report	
Date of Report	
Actions Taken at the time of incident	
Incident Reported To	
Cause of the Incident	
Corrective Action	
Project Manager Comments	
List of Attachments	

#### **Appendix D**

## **Record of Waste Disposal**

Date	Waste Disposal Information	Action By	Comments/Action
Sign:			

## **Appendix E**

# **Non-conformance and Preventative Action Record**

Date	Non-Conformance	Action By	Comments/Action
Sign:			

## **Appendix F**

## **Site Evacuation Plan**





**SMEC** 

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