

## Pre-Construction Minor Works Approval Form

Minor Works are defined as any low impact activities that are undertaken prior to the commencement of 'construction' as defined in the project's applicable planning approval. However if Minor Works affect or potentially affect heritage items, threatened species, populations or endangered ecological communities, these works are defined as 'construction' unless otherwise determined by the applicable planning authority.

Minor Works approvals do not remove any obligation to comply with the project's applicable planning approval conditions (including requirements prior to 'any works' commencing) or obtain any other applicable permits, licenses or approvals as necessary.

This application and all supporting information must be submitted to TfNSW/the Environmental Representative as one (1) PDF file at least 10 business days prior to the commencement of the proposed Minor Works.

Part 1: Application	
<b>Contractor:</b>	Laing O'Rourke
<b>Project:</b>	Sydney Yard Access Bridge
<b>Application Title:</b> (e.g. Smith St trenching works)	WE35 / 37 Possession and Mid Weeks Site Investigation
<b>Application Number:</b>	SYAB-001
<b>Application Date:</b>	8/02/2017
<b>Planning Approval:</b>	SSI 15_7400
<b>Minor Works Categories:</b> <ul style="list-style-type: none"> <li>Highlight as applicable.</li> <li>If Items 4, 8 or 11 are applicable, this form must be endorsed by an Environmental Representative.</li> </ul>	<ol style="list-style-type: none"> <li>Survey, survey facilitation and investigations works (including road and building dilapidation survey works, drilling and excavation).</li> <li>Treatment of contaminated sites.</li> <li>Establishment of ancillary facilities (excluding demolition), including construction of ancillary facility access roads and providing facility utilities.</li> <li>Operation of ancillary facilities that have minimal impact on the environment and community.</li> <li>Minor clearing and relocation of vegetation (including native).</li> <li>Installation of mitigation measures, including erosion and sediment controls, temporary exclusion fencing for sensitive areas and acoustic treatments.</li> <li>Property acquisition adjustment works, including installation of property fencing and utility relocation and adjustments to properties.</li> <li>Utility relocation and connections.</li> <li>Maintenance of existing buildings and structures.</li> <li>Archaeological testing under the Code of Practice for Archaeological Investigation of Aboriginal Objects in New South Wales (DECCW, 2010) or archaeological monitoring undertaken in association with other Minor Works to ensure there is no impact on heritage items.</li> <li>Any other activities that have minimal environmental impact, including construction of minor access roads, temporary relocation of pedestrian and cycle paths and the provision of property access.</li> </ol>
<b>Planning Authority Determination:</b> Will the proposed works affect or have the potential to affect heritage items, threatened species, populations or endangered ecological communities?	Yes.  Works are within the Central Railway Station curtilage and adjacent Mortuary Station. There will be no impacts to heritage significance of any items.

## Part 2: Details

<p><b>Describe the proposed Minor Works:</b></p> <p>Including work methodologies, site location(s) and site description(s) (e.g. landscape type, waterways, etc.).</p>	<p>The scope of work is to be carried out in Sydney Yard between Eddy Avenue access point and the southern extremity of the yard &amp; the area adjacent to Mortuary Siding.</p> <p>They will include:</p> <ul style="list-style-type: none"> <li>- Survey</li> <li>- Site Walk</li> <li>- Hazardous Materials inspection (visual)</li> <li>- Dilapidation survey</li> <li>- Non-destructive excavation of services and compaction of fill back in (not WE35)</li> </ul> <p>Specific work dates outlined below:</p> <ul style="list-style-type: none"> <li>- <b>Starting 23 Feb</b> – plan for intermittent site access to complete site investigation (off track) and survey works including potholing of services (off track). This will be in both Sydney Yard and Mortuary Siding side. All stormwater drainage points and swales will be identified on the initial site walk to ensure appropriate sediment controls are installed for investigative excavations (potholing). Works will be undertaken within approved working hours as per CoA E36.</li> <li>- <b>WE35 (25-26 Feb)</b> – site investigation in Sydney Yard. This will include walks with interested parties only and there will be no noise associated with the works. The public interface will be limited to the area around Eddy Avenue only. Noting that Sydney Trains are to provide traffic control on this weekend. Shifts will be 0600-1630 Saturday and Sunday.</li> <li>- <b>WE37 (12 Mar)</b> – site investigation in Sydney Yard. This will include walks with interested parties, some hand excavation on the track to the south of Mortuary Station and a potholing truck to undertake services searching. This work will require the following plant/equipment; <ul style="list-style-type: none"> <li>o Pothole truck</li> <li>o Manual plate compactor to backfill investigative trenches</li> <li>o Mini-excavator</li> <li>o 2t tipper to transport materials</li> </ul> <p>Limited public interface except at the access point of Eddy Avenue. Shifts will be 0600-1630 Sunday only.</p> </li> <li>- All minor works undertaken within the existing rail corridor</li> </ul>
<p><b>Planned Commencement Date:</b></p>	<p>Thursday 23<sup>rd</sup> February 2017</p>
<p><b>Local Sensitivities:</b></p> <p>Describe the presence (if any) of local sensitive environmental areas and community receptors.</p>	<p><b>Heritage</b> – Mortuary Station is a heritage listed building to be protected.</p> <p><b>Community</b> – Co-Masonic Building and adjacent flats have direct line of site to the works.</p>

## Part 3: Environmental Risk Assessment and Management

Prepare an Environmental Risk Assessment (in accordance with the *Sydney Metro Risk Management Standard*) and an Environmental Control Map for the proposed Minor Works and attach as Appendix 1.

If an Environmental Risk Assessment and/or an Environmental Control Map for the proposed Minor Works is/are already contained in existing documentation, attach the relevant section(s) as Appendix 1.

**Documentation:**

List any existing documents (including those referenced above) that the proposed Minor Works will be undertaken in accordance with and attach as Appendix 2 (e.g. plans, procedures, etc.).

- Sydney Metro Construction Environmental Management Framework
- Planning approval SSI 15\_7400

## Part 4: Workforce Notification

(Uncontrolled when printed)

<p><b>How will the environmental and community risks and associated mitigation measures of the proposed Minor Works be communicated to the contractor's workforce?</b></p>	<p>All workers will undertake Sydney Metro Orientation Training &amp; Sydney Yard Access Bridge specific induction.</p> <p>In addition, there will be a pre-start briefing undertaken by the worksite manager at the start of shift for all work groups. This will detail the environmental and community risks.</p>
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**Part 5: Community Consultation**

<p><b>What community consultation has been undertaken already?</b></p>	<p>Sydney Trains community notifications have been issued to surrounding community.</p>
<p><b>What community consultation is planned to be undertaken?</b></p>	<p>Planned:</p> <ul style="list-style-type: none"> <li>- The works on WE35 &amp; WE37 will be covered by the notification issued by Sydney Trains of possession works</li> <li>- The works mid weeks will be covered by the notification issued by Sydney Metro</li> </ul>
<p>If drafted already, attach applicable Community Notification as Appendix 3.</p>	

**Part 6: Contact Details**




<p>Nominate contractor's project manager, environmental and communications contact(s).</p>					
<p><b>Name:</b></p>	<p>Huw Griffiths</p>	<p><b>Position:</b></p>	<p>Project Manager</p>	<p><b>Phone:</b></p>	<p>0477 385 262</p>
	<p>Jason Ambler</p>		<p>Environmental Manager</p>		<p>0415 737 750</p>
	<p></p>		<p></p>		<p></p>

**Part 7: Signature**

<p>This signature acknowledges that the proposed Minor Works will be undertaken in accordance with this application, have minimal environmental impact and are not defined as 'construction' in accordance with the applicable planning approval.</p>			
<p><b>Name:</b></p>	<p>Jason Ambler</p>		
<p><b>Signature:</b></p>		<p><b>Date:</b></p>	<p>10/01/17</p>

## Determination Page

### (TfNSW/Environmental Representative Use Only)

12. Endorsement/Approval			
These signatures represent formal endorsement/approval for the proposed Minor Works to commence in accordance with this application and the applicable planning approval requirements (subject to any determination from the applicable planning authority as may be required by the planning approval conditions).			
	TfNSW Principal Manager, Communication & Engagement – Endorsement (required for all applications)	TfNSW Principal Manager, Sustainability, Environment & Planning – Approval (required for all applications)	Environmental Representative – Endorsement (required as necessary in accordance with the applicable planning approval, optional for all other circumstances)
<b>Signature:</b>			
<b>Name:</b>	A. Brown	M. Harriman	Annabelle Tungol Reyes
<b>Date:</b>	23.2.17	23.2.17	22/02/2017
<b>Comments:</b>			<p><i>Supporting letter attached as Appendix 4 if necessary.</i></p> <p>Works to be conducted is within the Sydney Terminal and Central Railway Stations Group SHR; s.170 and DCP.</p> <p>Works stated in this application have been assessed as minor works with low impact on heritage items. However, Planning Authority Determination is required as per the definition of construction in CSSI 15_7400 as the low impact works i.e. NDD may potentially affect heritage items.</p> <p>Works such as site walk and survey that may not affect or disturb any heritage item can be conducted prior to Planning Authority approval.</p>
<b>Conditions:</b>			<p><i>Supporting letter attached as Appendix 4 if necessary.</i></p> <p>The following conditions to be implemented:</p> <ol style="list-style-type: none"> <li>1. No NDD works or disturbance of ground or any heritage items to commence without the Planning Authority Approval. Implementation of Planning Authority conditions upon approval of these works (i.e. NDD) as minor works (not construction) as required.</li> <li>2. Mitigation Measures as per EIS Table 14-25 Mitigation measures – Non-Aboriginal heritage</li> <li>3. Mitigation measures and controls as per Appendix 1. ECM and Risk Assessment.</li> <li>4. Work area, only within the specified location in ECM.</li> <li>5. OOHV approvals conditions</li> </ol>
<input type="checkbox"/>	Approved (by TfNSW)		
<input checked="" type="checkbox"/>	Endorsed (by Environmental Representative)		
<input type="checkbox"/>	Rejected		

## Appendix 1: Cover Page

Environmental Risk Assessment and Environmental Control Map.

Risk Assessment Rankings: >17 = Extreme 10 - 16 = High 5 - 9 = Medium 1 - 4 = Low

Issues or activities that represent an Extreme risk after the application of control measures are not to be undertaken

Aspect	Potential Environmental Impact	Initial Risk Rating			Control Measures	Residual Risk Rating		
		P X	C =	Risk		P X	C =	Risk
<b>Approvals and Licensing</b>								
Not identifying appropriate approvals / licenses required or proceeding without them.	Works delayed, infringements, prosecution and reputational loss.	P	3	M	Planning approval has been granted for the Sydney Metro Sydenham to Chatswood works.  This minor works application is being completed to ensure appropriate documentation is completed to management environmental risk of the project.  Only investigative works are being undertaken. No permanent construction works are to be completed.	U	3	M
<b>Noise</b>								
Noise from investigation activities.	Disturbance to residents or neighbouring businesses. Potential for complaints.	P	3	M	Control measures as per Community Consultation Strategy (CCS) are to be implemented. Consult with the community in relation to upcoming activities that may result in concern (completed by Sydney Metro).  Site walks , survey and visual inspections will be inaudible at surrounding receivers.  For investigative excavations, use silenced lighting towers and equipment where practical.	U	3	M
Noise from investigation activities required to be undertaken out of standard working hours.	Disturbance to residents or neighbouring businesses with potential for complaints.	P	3	M	Control measures as per Community Consultation Strategy (CCS) are to be implemented. Consult with the community in relation to upcoming activities that may result in concern (completed by Sydney Metro).	U	3	M

Aspect	Potential Environmental Impact	Initial Risk Rating			Control Measures	Residual Risk Rating		
		P X	C =	Risk		P X	C =	Risk
					Site walks , survey and visual inspections will be inaudible at surrounding receivers. For investigative excavations, use silenced lighting towers and equipment where practical. All compaction to be undertaken during daytime hours.			
<b>Vibration</b>								
Vibration intensive activities undertaken on the site in proximity to sensitive heritage structures and community.	Damage to listed heritage items. Disruption, annoyance and nuisance to residents. Potential damage to adjacent residential and commercial residences and structures. Disruption to businesses as a result of vibration nuisance	<b>U</b>	<b>4</b>	<b>M</b>	Consult with potentially affected parties prior to commencement of works for any activities that may create vibration impacts caused by the works.. No vibration intensive works to be undertaken. Manual plate compactor only to be used to backfill investigative trenches, not in proximity to Mortuary Station or residents (greater than 20m away).	<b>R</b>	<b>4</b>	<b>M</b>
<b>Water Quality, Erosion &amp; Sedimentation</b>								
Sediment laden runoff from investigation works leaving site.	Degradation of local watercourses. Increased turbidity in local water ways resulting in impact on aquatic life. Fines for sediment escaping site.	<b>U</b>	<b>3</b>	<b>M</b>	Existing stormwater drainage points and swales will be identified prior to investigative excavation works. Install erosion/sed controls as per ECM. Limited excavation work – potholing only. All vehicle wheels to be clean prior to exiting site. Ensure measures are inspected and maintained as the works progress and also prior to and post rainfall events. Investigative excavations backfilled after shift finishes.	<b>R</b>	<b>3</b>	<b>L</b>
Non-compliant water from investigation works discharged from site	Non-compliant water entering stormwater system waterways (i.e. polluting - not compliant with	<b>P</b>	<b>3</b>	<b>M</b>	Induction and toolbox talks Educate site staff on licence conditions and consequences of prosecution	<b>U</b>	<b>3</b>	<b>M</b>

Aspect	Potential Environmental Impact	Initial Risk Rating			Control Measures	Residual Risk Rating		
		P X	C =	Risk		P X	C =	Risk
	discharge criteria).				No water discharge anticipated for minor works. If required, Environmental Manager/representative to approve all water discharges from site			
Ground water	Ground water entering excavations Without appropriate safeguards onsite could lead to ground water contamination	U	2	L	Investigation works will not be going to groundwater depth.	R	2	L
<b>Waste</b>								
Waste disposal during works.	Incorrect disposal of waste, further costs incurred for classifications and disposal, fines may be issued.	P	2	M	Potholing contractor to take slurry waste to licenced waste facility only. To be checked prior to shift. Ensure accurate waste records are retained. Removal of wastes from the site would only be undertaken by a licensed contractor as required by the POEO Act and with appropriate approvals, if required, for contaminated materials, etc. All material that requires off-site disposal to be appropriately classified against the Waste Classification Guidelines (DECC, 2008).	U	2	L
<b>Contamination</b>								
Potential for discovery of unexpected contaminated spoil during investigation works involving excavation and drilling.	Health effects resulting from airborne contamination, e.g. asbestos. Complaints received from odours.	P	3	M	If contaminated soil is encountered, all works are to stop in the vicinity of the find and investigations commence. Induct personnel on location, type, nature, concentration of contaminants on site if found.	U	2	L
<b>Hazardous Materials</b>								



Aspect	Potential Environmental Impact	Initial Risk Rating			Control Measures	Residual Risk Rating		
		P X	C =	Risk		P X	C =	Risk
Storage of hazardous substances, leaking plant and equipment and spillage from refuelling.	Localised ground contamination / pollution of stormwater and requiring clean-up and/or receiving fines. Risk of igniting volatile substances.	U	3	M	No fuels or hazardous materials to be stored on site for minor works. Spill kits to be onsite when using plant/equipment. No major servicing of equipment to be undertaken onsite. Pre-mobilisation checks on all plant/equipment to come to site, including check of fuel and hydraulic leaks.	R	3	L
<b>Biodiversity</b>								
Vegetation trimming / clearing required outside approved work area.	Unauthorised works / removal of vegetation outside defined work area, possibility of removing threatened species, fines incurred.	R	3	L	No vegetation removal/trimming to be undertaken as part of the minor works.	R	1	L
Clearing and grubbing of vegetation within work site.	Erosion of soils, uncontrolled runoff, sediment deposited into surrounding vegetated areas and water courses, and invasion of weeds. Wrong vegetation removed. Potential for injury to native fauna.	R	3	L	No vegetation removal/trimming to be undertaken as part of the minor works.	R	1	L
<b>Air Quality</b>								
General works; investigative excavations	Dust activity in close proximity to residential and commercial premises, complaints received.	U	3	M	Potholing will use water aided digging – no dry excavations undertaken.	R	3	L
Exhaust from plant and equipment.	Emissions resulting in air pollution.	U	3	M	Well maintained plant/ equipment and pre-start checks and servicing.	R	3	L

Aspect	Potential Environmental Impact	Initial Risk Rating			Control Measures	Residual Risk Rating		
		P X	C =	Risk		P X	C =	Risk
					Non-complaint vehicles removed from site / repaired.			
<b>Heritage</b>								
Unexpected heritage items encountered.	Work delays, additional studies, approvals required, damage to heritage item.	<b>P</b>	<b>3</b>	<b>M</b>	General inductions on heritage management 'stop-works' protocol. If suspected heritage item encountered. Works to stop immediately and Environment Manager contacted.  Label any known heritage items on Environmental Control Maps.	<b>U</b>	<b>3</b>	<b>M</b>
Works in proximity to Mortuary Station.	Damage to listed heritage item from investigative works.	<b>U</b>	<b>3</b>	<b>M</b>	No access to mortuary station is permitted during works except for any required structural/vibration monitoring. This will be briefed at each pre-start meeting and whiteboard possession briefings.  Signage will be placed , labelling Mortuary Station as 'No Access Permitted'.	<b>R</b>	<b>3</b>	<b>L</b>
<b>Flora &amp; Fauna</b>								
Removal of flora without approval.	Failure to identify flora prior to removal.	<b>R</b>	<b>3</b>	<b>L</b>	No vegetation removal/trimming to be undertaken as part of the minor works.	<b>R</b>	<b>1</b>	<b>L</b>
<b>Traffic</b>								
Loss of on-street car parking in adjacent residential streets and commercial areas during investigation works.	Loss of parking availability to adjacent residential and commercial properties could result in community complaints.	<b>P</b>	<b>3</b>	<b>M</b>	Community notifications.  Site vehicles shall be parked within the rail corridor and not affect public parking area  No road/lane closures required.	<b>U</b>	<b>3</b>	<b>L</b>
Management of heavy vehicles / access routes.	Complaints from sensitive receivers due to increased level and frequency of noise.	<b>P</b>	<b>4</b>	<b>M</b>	Deliveries of plant and materials shall be undertaken outside of peak periods where possible  Site vehicles shall be parked within the rail corridor	<b>U</b>	<b>4</b>	<b>L</b>

Aspect	Potential Environmental Impact	Initial Risk Rating			Control Measures	Residual Risk Rating		
		P X	C =	Risk		P X	C =	Risk
					and not affect public parking areas Scheduled road movements shall be minimised where possible Oversized deliveries would be undertaken in accordance with the requirements of NSW Police or Roads and Maritime Services. Designated access routes given to contractors/suppliers. Community Notifications. Pedestrian management with traffic controller in place where required.			
Truck deliveries out of normal working hours (un-approved).	Noise impact to community / potential complaints.	<b>P</b>	<b>3</b>	<b>M</b>	Induction on approved working hours for deliveries. Communication of delivery times to suppliers. Community Notifications on project activities occurring locally. Approved traffic/access routes. Planning and staging of works in approved hours as much as practical.	<b>U</b>	<b>3</b>	<b>M</b>
<b>Resources and Energy Use</b>								
Energy consumption by plant and equipment.	Inappropriate energy use, waste of energy recourses, energy wastage costs, increased greenhouse gas emissions.	<b>U</b>	<b>2</b>	<b>L</b>	No idling of plant equipment where possible onsite. Equipment / plant equipment inspections must be undertaken prior to use on site.	<b>R</b>	<b>2</b>	<b>L</b>



Aspect	Potential Environmental Impact	Initial Risk Rating			Control Measures	Residual Risk Rating		
		P X	C =	Risk		P X	C =	Risk
Resource usage (e.g. building materials, water, fuels, packaging), waste generation and disposal	Depletion of resources due to wastage (e.g. wastage of water / no recycling, poor management of procurement, ineffective removal of off-cuts, waste, i.e. no recycling).	U	2	L	Procurement recycled aggregate) to be considered to backfill trenches. Subcontractor's agreements to include project compliant waste management principles. Waste management undertaken in accordance with the Waste Avoidance and Resource Recovery Act 2001.	U	2	L

For each identified issue, consider the 'maximum credible' (not absolute worst case) risk that could result with **minimal or no controls** other than existing and using normal work practices.

Note: Any one of the listed consequences must result in the use of the applicable consequence grading.

<b>Probability:</b>	<b>Consequence:</b>
5 = Certain 4 = Likely 3 = Possible 2 = Unlikely 1 = Rare	5 = Severe 4 = Major 3 = Moderate 2 = Minor 1= Incidental
<b>1- 4 Acceptable 5 - 9 Acceptable with control measures 10 - 16 Requires the implementation of best practice 17 and Above = UNACCEPTABLE</b>	

5	Certain	<ul style="list-style-type: none"> <li>Common or repeating occurrence</li> <li>Consequence can reasonably be expected to occur in life of Project.</li> </ul>	5	Severe	<ul style="list-style-type: none"> <li>Major pollution incident causing significant and widespread damage or potential to health or the environment</li> <li>Persistent reduction in ecosystem function and value.</li> <li>Ongoing disruption and loss of protected species.</li> <li>Major prosecution likely, outcome in excess of \$500,000</li> </ul>
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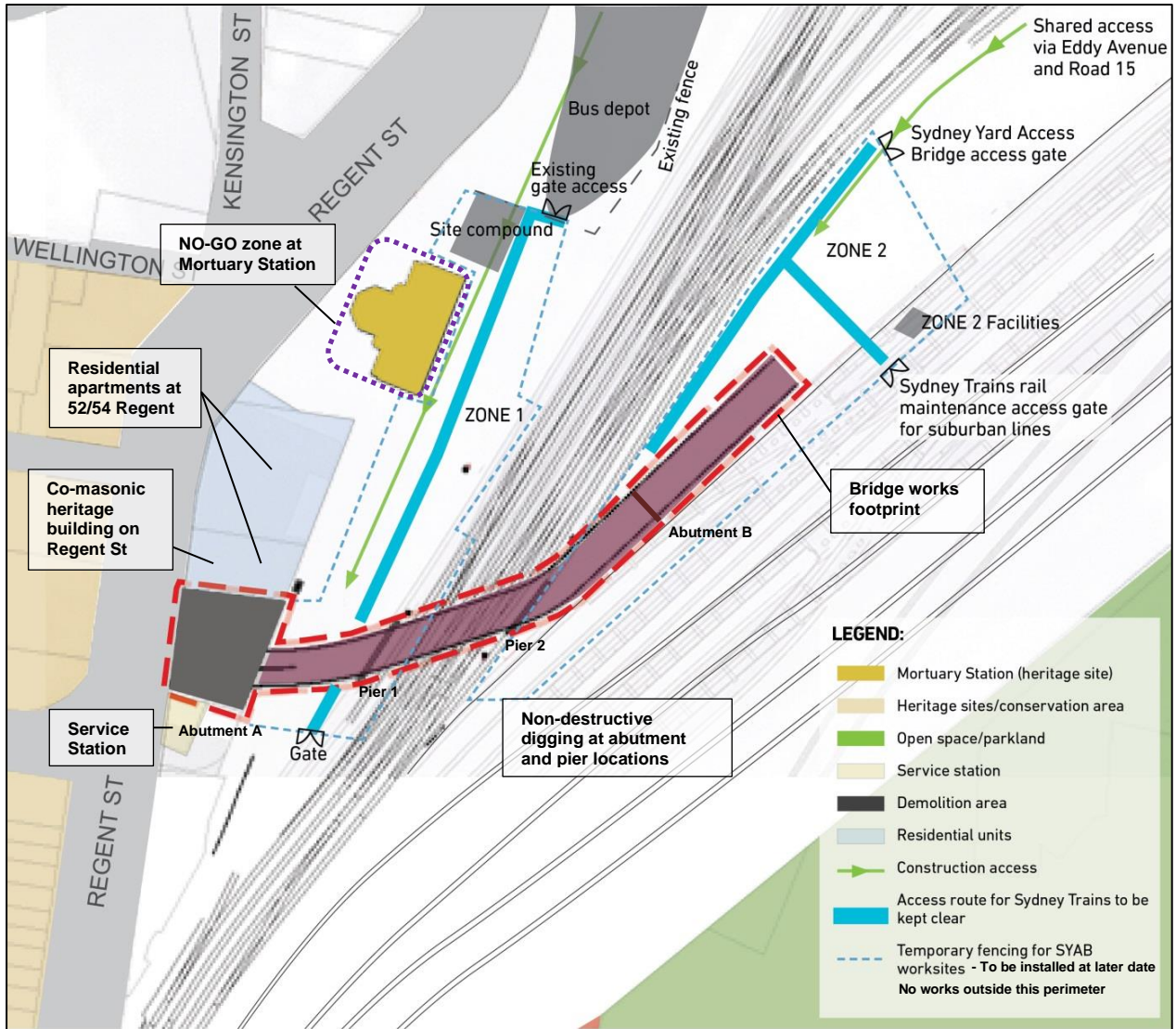
4	Likely	<ul style="list-style-type: none"> <li>Known to have occurred / “has happened”</li> <li>Conditions may allow the consequence to occur on the Project during its lifetime</li> <li>The event has occurred within the Business Unit within the previous 5 years.</li> </ul>	4	Major	<ul style="list-style-type: none"> <li>Significant widespread and persistent changes to habitat, species or environmental media</li> <li>Significant pollution incident causing damage or potential damage to health or the environment external to the site.</li> <li>Potential for prosecution. Potential outcome between \$50,000 - \$500,000</li> <li>Numerous substantial complaints</li> <li>Actual material environmental harm</li> </ul>
3	Possible	<ul style="list-style-type: none"> <li>Could occur / “heard of it happening”</li> <li>Exceptional conditions may allow consequences to occur on the Project, or has occurred nationally within the Australian Business.</li> </ul>	3	Moderate	<ul style="list-style-type: none"> <li>Localised irreversible habitat loss or effects on habitat, species or environmental media</li> <li>Reportable incident to the relevant environmental regulator or other authority.</li> <li>Demonstrated breach of legislative, licence or guideline requirements.</li> <li>Likely infringement notice or fine, potential for prosecution up to \$50,000.</li> <li>Will cause complaints.</li> </ul>
2	Unlikely	<ul style="list-style-type: none"> <li>Not likely to occur</li> <li>Reasonable to expect that the consequence will not occur on the Project.</li> <li>Has occurred in industry but not in Business Unit.</li> </ul>	2	Minor	<ul style="list-style-type: none"> <li>Localised degradation of habitat or short term impacts to habitat, species or environmental media.</li> <li>Pollution incident that marginally exceeds licence conditions or guidelines for acceptable pollution.</li> <li>Fine unlikely.</li> <li>Potential for complaints.</li> </ul>
1	Rare	<ul style="list-style-type: none"> <li>Practically impossible</li> <li>Not known to have occurred in industry or unheard of.</li> </ul>	1	Incidental	<ul style="list-style-type: none"> <li>Localised or short term effects on habitat, species or environmental media.</li> <li>Fully contained on site and can be fully remediated. Little potential for fine or complaints.</li> <li>Insignificant or trivial incident</li> </ul>

Probability ►	CERTAIN	LIKELY	POSSIBLE	UNLIKELY	RARE
▼ Consequence	5	4	3	2	1
5 – Severe	25	20	15	10	5



Probability ►	CERTAIN	LIKELY	POSSIBLE	UNLIKELY	RARE
▼ Consequence	5	4	3	2	1
4 – Major	20	16	12	8	4
3 – Moderate	15	12	9	6	3
2 – Minor	10	8	6	4	2
1 – Incidental	5	4	3	2	1

# SYAB Minor Works 001 ECM



## Environmental Management - Environmental Control Map SYAB Minor Works 001

Investigative Work / Environmental Aspect	Description
Works	<ul style="list-style-type: none"> <li>- Survey</li> <li>- Site Walk</li> <li>- Hazardous Materials inspection (visual)</li> <li>- Dilapidation survey</li> <li>- Non-destructive excavation of services and compaction of backfill into associated trenches</li> </ul>
Program	<ul style="list-style-type: none"> <li>- <b>Starting 23 Feb</b> – plan for intermittent site access to complete site investigation (off track) and survey works including potholing of services (off track). This will be in both Sydney Yard and Mortuary Siding side. Works will be undertaken within approved working hours as per CoA E36.</li> <li>- <b>WE35 (25-26 Feb)</b> – site investigation in Sydney Yard. This will include walks with interested parties</li> </ul>

	<p>only and there will be no noise associated with the works. The public interface will be limited to the area around Eddy Avenue only. Noting that Sydney Trains are to provide traffic control on this weekend. Shifts will be 0600-1630 Saturday and Sunday.</p> <ul style="list-style-type: none"> <li>- <b>WE37 (12 Mar)</b> – site investigation in Sydney Yard. This will include walks with interested parties, some hand excavation on the track to the south of Mortuary Station and a potholing truck to undertake services searching. This work will require the following plant/equipment;             <ul style="list-style-type: none"> <li>o pothole truck</li> <li>o jumping jack (manual plate compactor)</li> <li>o mini-excavator</li> <li>o 2t tipper to transport materials around.</li> </ul> </li> <li>- Limited public interface except at the access point of Eddy Avenue. Shifts will be 0600-1630 Sunday only.</li> </ul>
Induction / General	<ul style="list-style-type: none"> <li>- All staff and contractors to be trained on environmental issues and location of sensitive areas.</li> <li>- Daily pre-start/toolbox meetings to include this Environmental Controls Map and to address specific day to day environmental concerns.</li> <li>- This ECM will be displayed on site.</li> </ul>
Soils and water	<ul style="list-style-type: none"> <li>- <b>Existing stormwater drainage points and swales will be identified during initial site walks to allow installation of stormwater protection prior to investigative excavation works.</b></li> <li>- Sandbags / silt socks to be placed around drain inlets adjacent/downslope investigative excavation works.</li> <li>- All vehicle wheels to be clean prior to exiting site.</li> </ul>
Air Quality	<ul style="list-style-type: none"> <li>- All vehicle and machinery movements during works is restricted to designated areas</li> <li>- All site vehicles and machinery would be switched off or throttled down to a minimum when not in use</li> <li>- Non-destructive digging (potholing) undertaken</li> </ul>
Waste	<ul style="list-style-type: none"> <li>- No spoil to be removed from or imported onto site without approval</li> <li>- Maintain waste docket for the site</li> </ul>
Heritage	<ul style="list-style-type: none"> <li>- A number of items of heritage significance have been identified within the proposal area, the items include:             <ul style="list-style-type: none"> <li>- <b>Mortuary Station – no access to Mortuary Station is permitted.</b></li> <li>- Central Station Railway Group – works are within this curtilage.</li> </ul> </li> <li>- If intact subsurface elements are uncovered during the works all work in the vicinity of the find must cease and appropriate advice would be sought from OEH and/or heritage consultants. Work in the vicinity of the find would not re-start until clearance has been received.</li> <li>- If previously unidentified Indigenous heritage items are uncovered during the work, all work in the vicinity of the find must cease and appropriate advice would be sought from OEH and/or heritage consultants. Work in the vicinity of the find would not re-start until clearance has been received.</li> <li>- Unexpected finds of heritage items must be reported to Sydney Metro.</li> </ul>
Noise and Vibration	<ul style="list-style-type: none"> <li>- Residential receivers on Regent St adjacent works will be notified of the investigative works via letter box notifications.</li> <li>- All plant used regularly on site will have non-tonal alarms.</li> <li>- Noisy activities scheduled during daytime hours as far as practical.</li> <li>- Turn off plant that is not being used.</li> <li>- Ensure plant is regularly maintained, and repair or replace equipment that becomes noisy.</li> <li>- Monitor noise levels, as required, to ensure compliance with project noise management levels.</li> <li>- All out of hours works require approval from the Environmental Manager.</li> </ul>
Traffic and Transport	<ul style="list-style-type: none"> <li>- Plant movements are restricted to the designated traffic routes. If plant is required to be delivered outside of normal hours due to safety concerns contact Environmental Manager.</li> <li>- Access requirements will be managed by using existing driveways and hard stand roads into the site areas.</li> <li>- All delivery drivers will be briefed on heritage status of Mortuary Station.</li> <li>- Additional traffic control will be implemented as required.</li> </ul>
Biodiversity	<ul style="list-style-type: none"> <li>- No vegetation to be removed</li> <li>- If fauna is encountered on site – stop work and contact the site supervisor.</li> </ul>
Chemical and fuel storage and use	<ul style="list-style-type: none"> <li>- No fuel or chemical storage on site</li> </ul>



(Uncontrolled when printed)

Imported materials	- All sources of imported materials (backfill trench material) must be approved and sourced by appropriately licenced supplier
No-go zones	- No access to Mortuary Station is permitted.

Contact Information		
Position	Name	Phone
Environmental Manager	Jason Ambler	0415 737 750
Project Leader	Huw Griffiths	0477 385 262
Independent Environmental Representative	Annabelle Reyes	0416 170 480
TfNSW Construction Response Line		1800 775 465
TfNSW Info Line		1800 684 490
Environmental Line / Pollution Incident Response Line		131 555
Office of Environment & Heritage Pollution Line		131 555
Emergency		000 or 112 (mobiles)
WIRES		1300 094 737

Standard Working Hours
<p>Unless otherwise approved by the Environmental Manager, works will be restricted to:</p> <ul style="list-style-type: none"> <li>• <b>7:00AM to 6:00PM - Monday to Friday</b></li> <li>• <b>7:00AM to 1:00PM - Saturdays</b></li> </ul> <p>No work on Sundays or public holidays. Any works outside of the hours above require OOHW and Environmental Managers Approval</p>

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## Appendix 3: Cover Page

Community Notification.- Undertaken by Sydney Metro

## Appendix 4: Cover Page

Environmental Representative Supporting Letter.- Refer to Section 12 Determination Page above