



## 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 Metro City and Southwest - Northern Corridor Works Project
<b>Application Title:</b> (e.g. Smith St trenching works)	Mid-Week 25 - 26 Service searching and geotechnical Investigative works – NCW Portion 7A
<b>Application Number:</b>	NCW-009
<b>Application Date:</b>	Revision 1 – 1 <sup>st</sup> December 2017 Revision 2 – 7 <sup>th</sup> December 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	No.  The proposed works do not have potential to impact on heritage items, threatened species, populations or endangered ecological communities.




communities?												
<b>Part 2: Details</b>												
<p><b>Describe the proposed Minor Works:</b> 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 the rail corridor (NCW Project Area) between the south of Chatswood Station and to the north of Artarmon Station (Brand St, Artarmon to Albert Ave, Chatswood) Chainages 10.500km to 11.650km:</p> <p>Specifically the scope between midweek 25 (14-15 December) to midweek 26 (18-22 December) includes:</p> <p>The works will investigative pot holing works using a super sucker truck for geotechnical design and service searching.</p> <p>The works will be conducted at seven locations on the Up Side of the rail corridor between Chatswood Station and Hopetoun Ave. The locations are</p> <ul style="list-style-type: none"> <li>- 11+335US</li> <li>- 11+374US</li> <li>- 11+424US</li> <li>- 11+444US</li> <li>- 11+450US</li> <li>- 11+511US</li> <li>- 11+584US</li> </ul> <p>For locations and work diagrams refer to <b>Appendix 2</b>.</p> <p>All works will be conducted within the rail corridor. All works will be conducted during normal construction hours as per the following dates as it will be undertaken outside of the danger zone.</p> <table border="1" data-bbox="608 1081 1378 1263"> <thead> <tr> <th>Week</th> <th>Date</th> <th>Work period</th> <th>Activities</th> </tr> </thead> <tbody> <tr> <td>MW25</td> <td>14-15 Dec '17</td> <td>Normal</td> <td rowspan="2">Investigative pot holing works for geotechnical design and service searching between Chatswood Station and Hopetoun Ave</td> </tr> <tr> <td>MW26</td> <td>18-21 Dec'17</td> <td>Normal</td> </tr> </tbody> </table>	Week	Date	Work period	Activities	MW25	14-15 Dec '17	Normal	Investigative pot holing works for geotechnical design and service searching between Chatswood Station and Hopetoun Ave	MW26	18-21 Dec'17	Normal
Week	Date	Work period	Activities									
MW25	14-15 Dec '17	Normal	Investigative pot holing works for geotechnical design and service searching between Chatswood Station and Hopetoun Ave									
MW26	18-21 Dec'17	Normal										
<b>Planned Commencement Date:</b>	14 <sup>th</sup> December 2017											
<p><b>Local Sensitivities:</b> Describe the presence (if any) of local sensitive environmental areas and community receptors.</p>	<p><b>Community</b> – Residents along the rail corridor between Hopetoun Ave and Albert Ave on the US will all have direct line of site to the works.</p>											
<b>Part 3: Environmental Risk Assessment and Management</b>												
<p>Prepare an Environmental Risk Assessment (in accordance with the <i>Sydney Metro Risk Management Standard</i>) and an Environmental Control Map for the proposed Minor Works and attach as Appendix 1.</p> <p>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.</p>												
<p><b>Documentation:</b> 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.).</p>	<ul style="list-style-type: none"> <li>- Sydney Metro Construction Environmental Management Framework</li> <li>- Sydney Metro City and Southwest, Chatswood to Sydenham, Planning approval SSI 15_7400</li> <li>- Environmental Control Map</li> <li>- EPL 12208</li> </ul>											



(Uncontrolled when printed)

<b>Part 4: Workforce Notification</b>	
<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>	All workers will undertake NCW Project specific induction. 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.
<b>Part 5: Community Consultation</b>	
<b>What community consultation has been undertaken already?</b>	No consultation has yet been undertaken, see below for planned consultation.
<b>What community consultation is planned to be undertaken?</b>	Planned as per requirements of the Community Consultation Strategy: <ul style="list-style-type: none"> <li>- Letter box notifications</li> <li>- Door knocking residents located within 50 meters of the works</li> </ul>
If drafted already, attach applicable Community Notification as Appendix 3.	

<b>Part 6: Contact Details</b>					
Nominate contractor's project manager, environmental and communications contact(s).					
<b>Name:</b>	Tony Deacy	<b>Position:</b>	Project Manager	<b>Phone:</b>	0467 762 987
	Chris Standing		Environmental Manager		0431 338 578
	Helena Johansson		Communications and Stakeholders Manager (Sydney Metro)		0466 545 189
<b>Part 7: Signature</b>					
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.					
<b>Name:</b>	Chris Standing				
<b>Signature:</b>				<b>Date:</b>	07/12/2017



## 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)
Signature:			
Name:	HELENA JOHANSSON		
Date:	12/12/17		
Comments:	<p>Page 2 table to be updated to reflect work days: MW 26 18<sup>th</sup> 22 Dec'17</p> <p>Page 18 appendix 3 remove second line about combined letter as a community notice for 7A only has been approved for the works.</p>		Supporting letter attached as Appendix 4 if necessary.
Conditions:			Supporting letter attached as Appendix 4 if necessary.
<input type="checkbox"/>	Approved (by TfNSW)		
<input type="checkbox"/>	Endorsed (by Environmental Representative)		
<input type="checkbox"/>	Rejected		



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Signature:			
Name:		FIL CERONE	
Date:		13/12/17	
Comments:			Supporting letter attached as Appendix 4 if necessary.
Conditions:		Cleland Rd compound can be used for sign-in / sign-out <u>ONLY</u> .	Supporting letter attached as Appendix 4 if necessary.
<input checked="" type="checkbox"/>	Approved (by TfNSW)		
<input type="checkbox"/>	Endorsed (by Environmental Representative)		
<input type="checkbox"/>	Rejected		



## Appendix 1: Environmental Risk Assessment and Environmental Control Map.

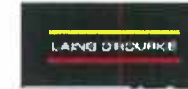
Risk Assessment Rankings: >17 = Extreme 10 - 16 = High 5 - 9 = Medium 1 - 4 = Low

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	<p>Planning approval has been granted for the Sydney Metro - Chatswood to Sydenham works (SSD 15_7400).</p> <p>This minor works application is being completed to ensure appropriate documentation is completed to management environmental risk of the project.</p> <p>Only minor works are being undertaken. No permanent construction works are to be completed.</p>	U	1	L
<b>Noise</b>								
Noise from activities.	Disturbance to residents or neighbouring businesses. Potential for complaints.	P	3	M	<p>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).</p> <p>All works to be undertaken during normal construction hours.</p>	U	3	M
<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.	U	4	M	<p>No vibration intensive works to be undertaken.</p> <p>No heritage structures within close proximity of proposed minor works.</p>	R	3	M



	Disruption to businesses as a result of vibration nuisance							
<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.	U	3	M	Control measures as per Environmental Control Map (ECM). Existing stormwater drainage points and swales will be identified prior to investigative excavation works.  Excavation is only undertaken by super sucker trucks. All waste material is captured directly into truck tank and taken offsite for disposal at licensed waste facility.  All controls to be in place as per ECM.  All vehicle wheels to be clean prior to exiting site.	R	3	L
Non-compliant water from investigation works discharged from site	Non-compliant water entering stormwater system waterways (i.e. polluting - not compliant with discharge criteria).	P	3	M	No water discharge anticipated for minor works. All water used is captured directly into truck tank and taken offsite for disposal at licensed waste facility.	U	2	L
Ground water	Ground water entering excavations Without appropriate safeguards onsite could lead to ground water contamination	U	2	L	Proposed works are on the surface only. No excavation. They will not be affecting groundwater table.	R	1	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	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).  Waste to be taken to an appropriately licenced waste management facility with all records retained.	R	2	L

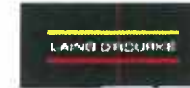


Contamination								
Potential for discovery of unexpected contaminated spoil during investigation works involving excavation and drilling.	Health effects resulting from airborne contamination, e.g. asbestos. Complaints received from odours.	P	3	M	If contaminated soil is encountered, all works are to stop in the vicinity of the find and investigations commence.  Induct personnel on location, type, nature and concentration of contaminants on site if found.	U	2	L
Hazardous Materials								
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
Biodiversity								
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 watercourses, 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
Air Quality								
General works; stockpile movement.	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	2	L





Exhaust from plant and equipment.	Emissions resulting in air pollution.	U	3	M	Well maintained plant/ equipment and pre-start checks and servicing. Non-complaint vehicles removed from site / repaired. The engines of all on-site vehicles and plant would be switched off when not in use for an extended period.	R	2	L
<b>Heritage</b>								
Unexpected heritage items encountered.	Work delays, additional studies, approvals required, damage to heritage item.	P	3	M	General inductions on heritage management 'stop-works' protocol. If suspected heritage item encountered. Works to stop immediately and Environmental Manager contacted. Label any known heritage items on Environmental Control Maps.	U	2	M
<b>Flora &amp; Fauna</b>								
Removal of flora without approval.	Failure to identify flora prior to removal.	R	3	L	No vegetation removal/trimming to be undertaken as part of the minor works.	R	1	L
<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.	P	3	M	Community notifications. Site vehicles shall be parked within the rail corridor and not affect public parking area. No road/lane closures required.	U	3	L
Management of heavy vehicles / access routes.	Complaints from sensitive receivers due to increased level and frequency of noise.	P	4	M	Deliveries of plant and materials shall be undertaken outside of peak periods where possible Site vehicles shall be parked within the rail corridor and not affect public parking areas Scheduled road movements shall be minimised where possible No oversized deliveries required.	U	3	L



					Designated access routes given to contractors/suppliers. Community Notifications. Pedestrian management with traffic controller in place where required. Approved traffic/access routes.			
Truck deliveries out of normal working hours (un-approved).	Noise impact to community / potential complaints.	P	3	M	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 only.	U	3	M
<b>Resources and Energy Use</b>								
Energy consumption by plant and equipment.	Inappropriate energy use, waste of energy resources, energy wastage costs, increased greenhouse gas emissions.	U	2	L	No idling of plant equipment where possible onsite. Equipment / plant equipment inspections must be undertaken prior to use on site.	R	2	L
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	No materials are required to be imported for these minor works.	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.

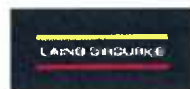
<b>Probability:</b>	<b>Consequence:</b>
5 = Certain 4 = Likely 3 = Possible 2 = Unlikely 1 = Rare	5 = Severe 4 = Major 3 = Moderate 2 = Minor 1 = Incidental
1-4 Acceptable 5-9 Acceptable with control measures 10-16 Requires the implementation of best practice 17 and Above = UNACCEPTABLE	



5	<b>Certain</b>	<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	<b>Severe</b>	<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>
4	<b>Likely</b>	<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	<b>Major</b>	<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	<b>Possible</b>	<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	<b>Moderate</b>	<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	<b>Unlikely</b>	<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	<b>Minor</b>	<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	<b>Rare</b>	<ul style="list-style-type: none"> <li>– Practically impossible</li> <li>– Not known to have occurred in industry or unheard of.</li> </ul>	1	<b>Incidental</b>	<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>



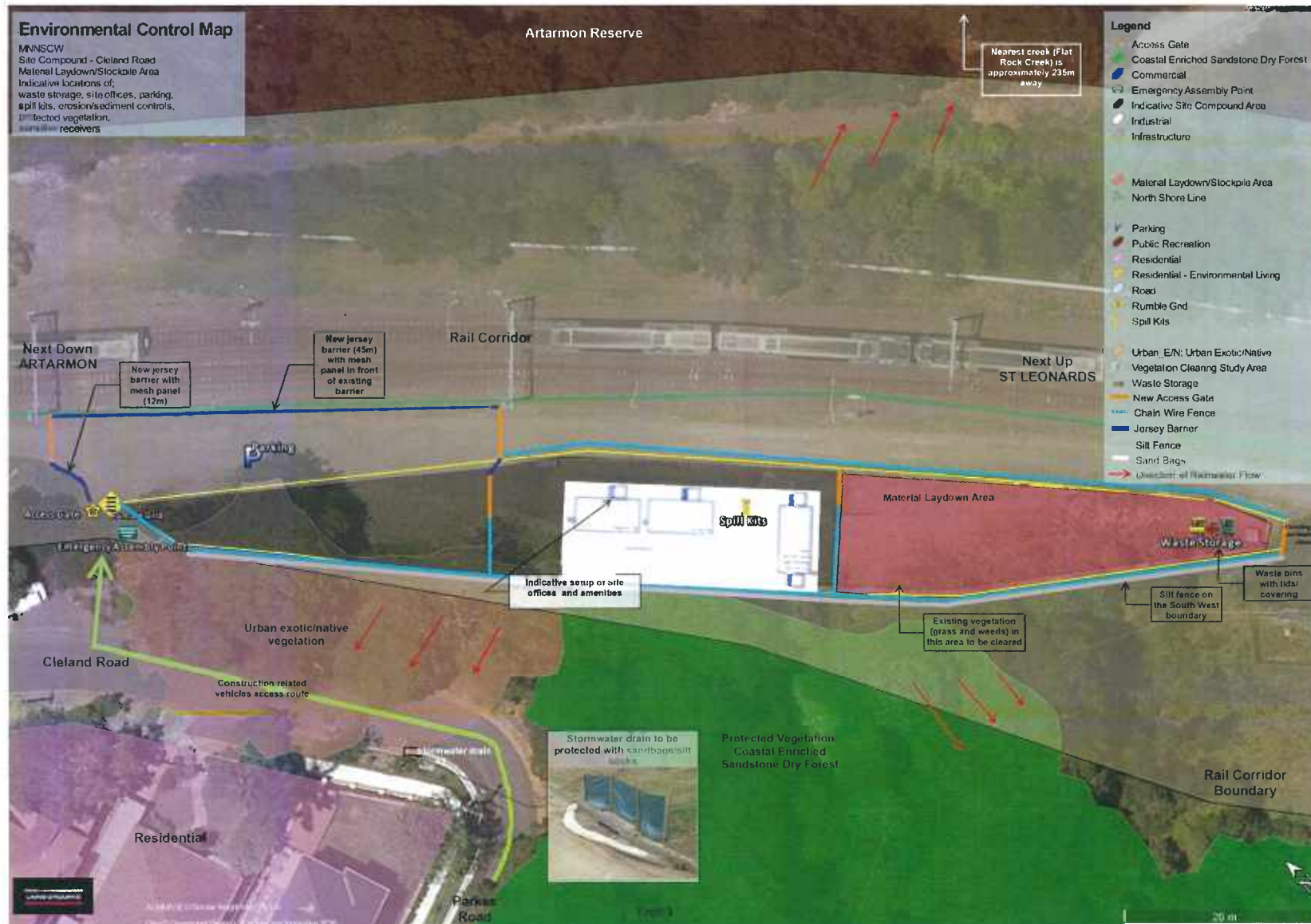
Probability ►	CERTAIN	LIKELY	POSSIBLE	UNLIKELY	RARE
▼ Consequence	5	4	3	2	1
5 – Severe	25	20	15	10	5
4 – Major	20	16	12	8	4
3 – Moderate	15	12	9	6	3
2 – Minor	10	8	6	4	2
1 – Incidental	5	4	3	2	1



Environmental Control Map		
ID	Environmental Aspect	Description
1	Project	This ECM applies to Pre-Construction Minor Works for <b>Portion 7a</b> delivered under Northern Corridor Works (Enabling works for Sydney Metro City and Southwest, Chatswood to Sydenham).
2	Site Access	<ul style="list-style-type: none"> <li>Site access will be from existing Hopetoun Ave rail corridor access gate.</li> </ul>
3	Program of works	<ul style="list-style-type: none"> <li>Refer Pre-Construction Minor Works Application Section 2 "Occasions" for possession program.</li> </ul>
4	General	<ul style="list-style-type: none"> <li>The team will be trained on this ECM, OOHW requirements, general environmental issues, and location of sensitive areas.</li> <li>Works will be subject to inspections by the ER, Sydney Metro Environment and Planning Manager and LOR Environmental Manager.</li> <li>This ECM will be displayed on site sheds.</li> </ul>
5	Contamination	<ul style="list-style-type: none"> <li>Unexpected contamination finds will be managed onsite by occupational hygienist in attendance. All waste to be classified prior to disposal.</li> </ul>
6	Air Quality	<ul style="list-style-type: none"> <li>No air quality related issues are expected to be encountered.</li> </ul>
7	Waste	<ul style="list-style-type: none"> <li>All waste (soil excavation) will be captured in super sucker truck and taken offsite for disposal.</li> </ul>
8	Soils and water	<ul style="list-style-type: none"> <li>No soil and water related issues are expected to be encountered. All water used will be captured in super sucker truck and taken offsite for disposal at a licenced waste facility.</li> </ul>
9	Heritage	<ul style="list-style-type: none"> <li>Unexpected finds of heritage items must be reported to LOR Environmental Manager and Sydney Metro. The site is to be isolated and investigated by a heritage consultant. Approval to proceed required prior to re-commencing works.</li> </ul>
10	Noise and Vibration	<ul style="list-style-type: none"> <li>All works will be completed in compliance with Sydney Metro CEMF, SSI 15_7400 Planning Approval, Construction Noise Strategy and EPL 12208 requirements.</li> <li>All plant will have non-tonal alarms.</li> <li>Community notifications will be drafted and sent to Sydney Metro Community Liaison team separately.</li> </ul>
11	Traffic and Transport	<ul style="list-style-type: none"> <li>Access to the site will be from existing access gate.</li> <li>All delivery drivers will be given an induction covering relevant environmental controls to their activities.</li> <li>No additional traffic controls are required for the works.</li> </ul>
12	Utilities	<ul style="list-style-type: none"> <li>Any impacts to utilities will be reported to site HSE Manager, supervisors, Sydney Trains and Sydney Metro.</li> </ul>
13	Biodiversity	<ul style="list-style-type: none"> <li>If vegetation other than grass and weeds needs to be trimmed or removed, further assessment would be undertaken and approval sought from Sydney Metro prior to trimming or removal.</li> <li>If threatened flora or fauna species are identified on site, work in the vicinity of these species would stop immediately. A spotter/catcher/botanist would be engaged to survey the site and advise on species management.</li> <li>Where trenching or excavation is required, the location or route would be modified to avoid any damage to trees or tree roots, where possible.</li> <li>Trenches/excavations would be covered at the end of each day and inspected before they are backfilled to ensure no fauna species are harmed.</li> <li>Stockpiles, plant, equipment and materials will be located on existing cleared areas, away from the drip zone of trees and native vegetation.</li> <li>Soil and vegetation that could contain weed material should be removed from machinery prior to any movements off site.</li> </ul>
14	Chemical, fuel storage and use	<ul style="list-style-type: none"> <li>No fuels and chemicals are expected to be brought to site as part of these works. All plant and equipment will be checked daily to ensure there is no leaking oil, fuel or other liquids.</li> </ul>
15	Imported materials	<ul style="list-style-type: none"> <li>Materials to be imported for backfilling will include clean material (sand and road base) as per Sydney Trains requirements.</li> </ul>
16	No-go zones	<ul style="list-style-type: none"> <li>Activities will be restricted to the rail corridor. All activities outside the NCW site boundary will undergo a review for potential environmental impacts and require approval from Sydney Metro.</li> </ul>



Contact Information		
Position	Name	Phone
LOR Project Leader	Tony Deacy	0467 762 987
LOR Construction Manager	Martin O'Brian	0457 560 728
LOR/Sydney Metro Communications Manager	Helena Johansson	0466 545 189
LOR Environment and Sustainability Manager	Chris Standing	0431 338 578
LOR WHS Manager	Clive Hunter	0428 412 130
ER	Annabelle Reyes	0416 170 480
Sydney Metro Environmental Manager	Andrew Hendy	0475 983 494
Sydney Metro City and Southwest Info Line		1800 019 989
Sydney Trains Info Line		131 500
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		
Audible construction works unless otherwise approved by the Environmental Manager will be restricted to:		
<ul style="list-style-type: none"> <li>• <b>7:00AM to 6:00PM - Monday to Friday</b></li> <li>• <b>8:00AM to 1:00PM - Saturdays</b></li> <li>• <b>No work on Sundays or public holidays</b></li> </ul>		
Any works outside of the hours above require OOHW and Sydney Metro and LOR Environmental Manager's Approval		
As per Sydney Trains EPL,		
"High noise impact works and activities must only be undertaken:		
<ul style="list-style-type: none"> <li>a) between the hours of 8:00am to 6:00pm Monday to Friday;</li> <li>b) between the hours of 8:00am to 1:00pm Saturday; and</li> <li>c) in continuous blocks not exceeding 3 hours each with a minimum respite from those activities and works of not less than 1 hour between each block"</li> </ul>		
Out-of-Hour Works		
Nil		







## Appendix 2: Works Diagrams





## Appendix 3: Cover Page

Community Notification - Undertaken by Sydney Metro in conjunction with LOR. Combined letter to be issued which will cover MNNSCW Portion 6 and NCW Portion 7a works.

## **Appendix 4: Cover Page**

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