

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					
Contractor:	METRON T2M				
Project:	Southwest Metro Design Services (SMDS)				
Application Title: (e.g. Smith St trenching works)	Vegetation trimming works (within the rail corridor between Marrickville and Canterbury stations) to provide an access to topographical survey teams				
Application Number:	SMDS-PCMW-008				
Application Date:	Rev00:01.04.2020 Rev01:20.04.2020				
	 Sydney Metro City and Southwest – Sydenham to Bankstown – Environmental Impact Statement (EIS) 				
Planning Approval:	Sydney Metro City and Southwest – Sydenham to Bankstown – Submissions and Preferred Infrastructure Report (SPIR)				
	Sydney Metro City and Southwest Infrastructure Approval SSI-8256				
	 Survey, survey facilitation and investigation works (including road and building dilapidation survey works, drilling and excavation). 				
	2. Treatment of contaminated sites.				
	 Establishment of ancillary facilities (excluding demolition), including construction of ancillary facility access roads and providing facility utilities. 				
	4. Operation of ancillary facilities that have minimal impact on the environment and community.				
Minor Works Categories:	5. Minor clearing and relocation of vegetation (including native).				
Highlight as applicable.	 Installation of mitigation measures, including erosion and sediment controls, temporary exclusion fencing for sensitive areas and acoustic treatments. 				
 If Items 4, 8 or 11 are applicable, this form must be endorsed by an 	7. Property acquisition adjustment works, including installation of property fencing and utility relocation and adjustments to properties.				
Environmental Representative.	8. Utility relocation and connections.				
·	9. Maintenance of existing buildings and structures.				
	 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. 				
	 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. 				



alternative location.
 Biodiversity To enable surveyors to undertake topographical survey works, light trimming of existing foliage will be required. The vegetation in the areas of the proposed trimming comprises exotic grassland, exotic scrub or forest and planted native species on highly modified landforms. The proposed works affect or have the potential to affect heritage tems, threatened species, populations or communities as shown in the Environmental Sensitive Receivers Map in Appendix 1. No trees (long lived woody perennial greater than 3m in height with one or relatively few main stems or trunks) will be removed or trimmed, and there will be no ground disturbance or penetration. Where a tree is impeding the survey works, the survey line will be moved to the nearest point where no tree inhibits the survey works. Only trimming of existing foliage (shrubs, herbaceous plants and grasses) below 1.8 m in height will be undertaken as part of the proposed survey works. The rail corridor provides limited habitat resources for native fauna species and contains mainly foraging and shelter resources for common native fauna (possums, reptiles, frogs and invertebrates). No works will be undertaken in areas of Australian white ibis nest colonies or grey-headed flying fox roosts (locations indicated in Appendix 1). An ecologist would be present on site during the proposed works and will inspect the existing vegetation to be trimmed for resident fauna and/ or nests or other signs of fauna occupancy. The ecologist will also be briefed on the requirements of Condition E5 to ensure no trees (as defined under E5) for the Project are impacted by the vegetation trimming works. If any location is found to be unsuitable for any reason, vegetation trimming works will not commence at that location and survey will be moved to the nearest appropriate alternative location.

Site Description Overview:

The areas identified for minor clearing/trimming within this form are consistent with the areas surveyed and included within the *Sydney Metro City & Southwest Sydenham to Bankstown EIS Technical Paper 9 - Biodiversity Assessment Report*, as described in Condition A1 (a). The works assessed within this form are defined as a "Low Impact Activity" within the CSSI definitions outlined on page 5 of the Signed Conditions of Approval Instrument for the Project, meaning they are able to be undertaken prior to approval of a Construction Environmental Management Plan (CEMP) document.

The proposed survey works are to occur within the rail corridor of the Sydney Trains Bankstown T3 Line between Marrickville and Canterbury stations.

Description of Works

To enable survey of ground heights, existing boundary fencing and natural drainage channels in heavily vegetated areas within the rail corridor, some light trimming of existing vegetation (shrubs, herbaceous plants and grasses) will be required. Trimming is for the purpose of allowing access for a single person (survey assistant) with a survey range pole. The vegetation trimming and survey works will be carried out in the rail corridor, as shown in Appendix 1. The vegetation to be trimmed is exotic or planted native species on highly modified landforms:

• Site 1 is located in the rail corridor near to 221 Livingstone Road, Marrickville NSW. The site contains species classified as planted native vegetation.

Describe the proposed Minor Works:

Including work methodologies, site location(s) and site description(s) (e.g. landscape type, waterways, etc.).



	 Site 2 is located in the rail corridor near to 52 Floss Street, Hurlstone Park NSW. The site contains species classified as exotic grassland and exotic scrubs or forest.
	 Site 3 is located in the rail corridor near to 22 Kilbridge Street, Hurlstone Park NSW. The site contains species classified as exotic grassland and exotic scrubs or forest.
	 Site 4 is located in the rail corridor along the Canberra Street, Hurlstone Park NSW. The site contains species classified as planted native vegetation.
	• Site 5 is located in the rail corridor behind a Canterbury Hotel, Canterbury NSW. The site contains species classified as exotic scrubs or forest.
	The proposed works methodologies are outlined in greater detail below.
	Survey of ground heights
	 Prior to commencing trimming the ecologist will examine the proposed line/location to determine whether any tree or protected native species of vegetation is present. If the location is found to contain any of the aforementioned vegetation the location/line of survey will be moved to the nearest appropriate alternative location.
	• The ecologist will also inspect the existing vegetation to be trimmed for resident fauna and/ or nests or other signs of fauna occupancy. If any location is found to be unsuitable for any reason works will not commence at that location and survey will be moved to the nearest appropriate alternative location.
	 Vegetation trimming would be undertaken to create a clear 'line of sight' from the survey pole to 10 m intervals, or where there is a substantial change in grade. The maximum width of trimming/thinning for each line would be less than one metre and will be limited to not more than 1.8m above ground level.
	 All personnel will be contracted from Sydney Trains approved service suppliers.
	 Survey is to be undertaken by a two-person survey crew with hand-held battery powered survey instruments.
	 Trimming is to be undertaken by a one or two-person de-vegetation crew with hand-held battery or petrol-powered trimming equipment.
	 An ecologist will be engaged by a survey contractor to accompany the survey and trimming crews for the duration of the works, and ensure that trees are not trimmed or removed as part of the works.
	 Photos of the survey locations will be taken before and after vegetation trimming. The photos will be submitted with a report to Sydney Metro at the completion of the proposed works.
	 Only shrubs, herbaceous plants and grasses will be trimmed, no trees will be trimmed or removed, and there will be no ground disturbance or penetration.
	 Where a tree is impeding the survey works, the line will be moved to the nearest point where no tree inhibits the survey.
	 Due to the small amount of vegetation to be trimmed any cut foliage will be left on the ground in vicinity of the pruned areas.
	 All staff will be Working at Heights accredited. Where required, fall arrest systems (harness, ropes and anchors) will be utilised for all workers
	 All works will be conducted outside the danger zone. All workers will have the required personal protective equipment (PPE). A protection officer will be present at all times during the survey works.
	 All workers will be briefed daily, at any change of location, scope of work or changes to potential hazards. Daily toolbox talks and risk assessments will also be completed prior to the commencement of the proposed works to discuss the approved area of vegetation trimming and environmental mitigations measures (Appendix 1 Environmental Risk Assessment) to be implemented to minimise the impact to flora and fauna.
	The following equipment will be used:
	Hand-held battery powered survey instruments
	Hand-held battery or petrol-powered trimming equipment
	Ute for travel between sites Working Hours



	The proposed works will be undertaken during standard construction hours and will be limited to Monday to Friday between 7am and 4pm.					
Planned Commencement Date	The proposed works are scheduled for commencement on 22 April 2020.					
	T3 Line between Sydenham Station and Bankstown Station					
	 Noise and air quality impacts from survey works are not expected to be significant due to the limited scale of noise and air emissions from the equipment that would be used and the temporary nature of the works during daylight hours. 					
Local Sensitivities: Describe the presence (if any) of local sensitive environmental areas and community receptors	 Areas for survey works are located along the northern boundary of the railway corridor between Marrickville and Canterbury stations. The vegetation within these areas provide a buffer offering screening to a number of residences and businesses from the railway line. Safeguards and management measures have been included within Part 3 and Appendix 1 of this document to maintain the visual screening of these areas to the greatest extent possible. The proposed works will not require any land disturbance. The unexpected finds procedure (Appendix 2) will be followed should unexpected contaminated land or asbestos be encountered during the proposed works. 					
	If any accidental spill occurs this will be managed in accordance with the contractor spill response procedure (Appendix 2). All site vehicles will carry a spill kit.					
	 As the works are not taking place within the heritage curtilage of any item listed on the State Heritage Register and are not located in any areas of identified archaeological potential, no consultation with Office of Environment and Heritage (now Department of Premier and Cabinet - Heritage)is required to approve the proposed works. 					
	 A number of areas of threatened ecological communities and threatened plant species (<i>Acacia pubescens</i>) have been identified along the rail corridor. No works will occur within these areas. 					

Part 3: Environmental Risk Assessment and Management
Prepare an Environmental Risk Assessment (in accordance with the <u>Sydney Metro Risk Management Standard</u>) 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.

contained in existing documentation	
Documentation: List any existing documents (including those referenced above) that the proposed Minor Works will be undertaken in	A map showing the local sensitivities discussed in Part 2 will be provided to the survey teams to ensure that no trimming will occur outside of the approved area. The map is provided in Appendix 1. The mitigation measures developed as part of the environmental risk assessment (provided in Appendix 1) will be provided to survey teams as part of the pre-survey induction.
accordance with and attach as	Works will also be undertaken in accordance with the:

- The Unexpected Finds Procedure is provided in Appendix 2.
- Notification Bankstown Line metro upgrade for April 2020 is in Appendix 3.

Part 4: Workforce Notification								
How will the environmental and community risks and associated mitigation measures of the proposed Minor Works be communicated to the contractor's workforce?	A site induction will be provided to all personnel working on the project site. The induction will include relevant environmental aspects and risks associated with works on the project site. A copy of all induction records will be provided to Sydney Metro upon request.							

Part 5: Community Consultation

Appendix 2 (e.g. plans,

procedures, procedures, etc.).



What community consultation has been undertaken already?	The Sydney Metro Notification – Bankstown Line metro upgrade for April 2020 includes reference to all of the activities proposed (included in Appendix 3).				
What community	Consultation with property managers/tenants will be undertaken for sites where private property access is required.				
consultation is planned to be undertaken?	Canterbury Bankstown Council and Inner West Council will be notified of any works taking place outside of the rail corridor.				
If drafted already, attach applicable Community Notification as Appendix 3.					



Part 6: Contact Details							
Nominate	contractor's project manager, er	nvironmental and	d communications contact(s).				
	Luke Palmer		Project Manager				
Name:	Ben Fethers	Position:	Environmental Manager	Phone:			
	Sushane Perera		Communications Manager				

Part 7: Signature			
This signature acknowledges that the proposed Min- minimal environmental impact and are not defined a			
Name:	Ben Fethers		
Signature:	Beforthe	Date:	20/04/2020



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:		Å,	4				
Name:	May Li Foong	Fil Cerone	Jo Robertson				
Date:	22/4/20	24 April 2020	22/04/2020				
Comments:			Supporting letter attached as Appendix 4 if necessary.				
Conditions:	As per Part 5		Supporting letter attached as Appendix 4 if necessary.				
Appr	oved (by TfNSW)		1				
⊠ Endo	rsed (by Environmental Representat	ive)					
	cted						



Appendix 1: Environmental Risk Assessment and Environmental Control Maps



Aspect	Potential environmental impact Initial risk rating Control mea		Control measures	rol measures Resi		idual risk rating			
		Consequence	Likelihood	Risk			Consequence	Likelihood	Risk
Air quality and noise emissions	Noise and air quality impacts on nearby sensitive receivers.	5	3	Moderate	•	Site equipment is to be turned off when not in use Induction and pre-start briefing to include noise mitigation and "good neighbour" approach	5	4	Low
Visual Amenity	Removal of screening vegetation may give rise to privacy concerns from occupants of nearby properties.	5	4	Low	•	Site induction is to include consideration of vegetation bordering the rail corridor and the role it provides in screening nearby sensitive visual receivers from the railway. Prior to commencing trimming within an area, survey pole locations and trimming lines are to be carefully selected by the on site ecologist to ensure impacts to vegetation that provides visual screening value is minimised to the greatest extent possible. Should direct impacts to screening vegetation be unavoidable at a specific area, consultation with nearby properties is to be considered and put into effect, prior to works commencing.	5	5	Low
Mobilisation of contamination	Risk of spills causing local contamination and health risk to surveyors	4	5	Low	•	Unexpected finds procedure (Appendix 2) will be followed. Reference to this procedure will be included within the contractor induction material No refueling will occur in the work area	4	6	Low



Aspect Potential environmental impact		Initial risk rating			Control measures	Resi	Residual risk rating		
		Consequence	Likelihood	Risk		Consequence	Likelihood	Risk	
					 Spill kits will be kept near to work areas at all times and trained staff present in case of a spill 				
Work in heritage areas	Potential impacts to heritage may occur as a result of minor devegetation works.	5	6	Low	Works will be undertaken in accordance with the Sydney Metro City and Southwest Unexpected Finds Procedure V2.0 for heritage	5	6	Low	
Work in biodiversity areas	Removal of threatened ecological community, threatened species or habitat.	4	4	Moderate	 Environmental sensitivities maps will be provided to surveyors as part of the site induction process to ensure that no trimming will occur outside of the approved area Prior to commencing trimming the ecologist will examine the proposed line/location to determine whether any tree, rare or threatened native species of vegetation is present. If the location is found to contain any of the aforementioned vegetation the location/line of survey will be moved to the nearest appropriate alternative location. The ecologist will inspect the existing vegetation to be trimmed for resident fauna and/ or nests or other signs of fauna occupancy. If any location is found to be unsuitable for any reason works will not commence at that location and survey will be moved to the nearest appropriate alternative location. 	4	5	Low	



Aspect	Aspect Potential environmental impact		Initial risk ra	ating	Control measures Residual risk rating		g	
		Consequence	Likelihood	Risk		Consequence	Likelihood	Risk
					 Only shrubs, herbaceous plants and grasses will be trimmed, as identified and directed by the on site ecologist. No trees will be trimmed or removed, and there will be no ground disturbance or penetration. Where a tree is impeding the works, the line will be moved to the nearest point where no tree inhibits the survey. 			
Transport and access	Negative impact to local roads, parking and footpaths from closures or obstructions during trimming and survey work.	5	5	Low	 Personnel will park within the rail corridor where possible. Personnel will minimise the number of vehicles used to travel to the site Personnel will park legally and observe restrictions at all times Personnel will be inducted on the required control measures that must be implemented In the event that any private property access is required for any reason, consultation with tenants to seek permission for access would be undertaken prior to the works commencing in that area. 	5	6	Low
Service strike	Damage to services during excavation which cause an environmental incident	5	5	Low	 There will be no ground disturbance or penetration Observation will be undertaken to identify any above ground services 	5	6	Low



Aspect	Aspect Potential environmental impact		Initial risk rating			Control measures Residual risk rating		9	
		Consequence	Likelihood	Risk			Consequence	Likelihood	Risk
Weeds	Contact and induced proliferation of priority weeds as listed under the Biosecurity Act 2015	4	4	Moderate	•	Prior to commencement of works at any site, the ecologist will examine the site and assess the area for any occurrence of weeds listed as Priority Weeds under the Biosecurity Act 2015. Trimming areas are to be selected on the basis that no contact with any Priority Weeds is undertaken. If any contact with Priority Weeds is undertaken, then the trimmed material is to be isolated, removed offsite and disposed appropriately. F	5	5	Low
Waste	Improper management of waste could result in an environmental incident	4	4	Moderate	•	Induction of staff will include waste management practices All cut foliage will be removed from site as green waste in accordance with the EPA waste classification guidelines and REMM WM6 Wastes (e.g. food scrap, empty fuel canisters) will be lawfully transported and disposed of.	4	5	Low



Sydney Metro Risk Matrix

A1 Consequence Table

Rating C6 Descriptor/ Impact Area Insignificant	C5	C4	C3		
			63	C2	C1
	Minor	Moderate	Major	Severe	Catastrophic
Health and Safety (Injury and Disease) Illness, first aid o injury not requirin medical treatmen	g injuries requiring	Single recoverable lost time injury or illness, alternate/restricted duties injury, or short-term occupational illness.	1-10 major injuries requiring hospitalisation and numerous days lost, or medium-term occupational illness.	Single fatality and/or 10-20 major injuries/permanent disabilities/chronic diseases.	Multiple fatalities and/or >20 major injuries/permanent disabilities/chronic diseases.
No appreciable changes to environment and/ highly localised event.	Change from normal conditions within environmental or regulatory limits and environmental effects are within site boundaries.	Short-term and/or well-contained environmental effects. Minor remedial actions probably required.	Impacts external ecosystem and considerable remediation is required.	Long-term environmental impairment in neighbouring or valued eco . Extensive remediation required.	Irreversible large- scale environmental impact with loss of valued eco .
Customer Short duration Experience/ disruptions affecti Operational part of one transp Reliability mode.		Serious disruptions affecting operation of one complete transport mode.	Major disruptions affecting operations of one transport mode with network- wide effects on one or more other modes of transport.	Short duration shutdowns or substantial disruptions affecting multiple transport modes with sector- wide cascading effects.	Extensive shutdowns or extended disruptions with economy-wide effects.
Government/ Stakeholder / Public Trust/ Confidence	Confidence remains with some minor si loss of goodwill or trust. Recoverable	Disappointment – Extended negative local/state media coverage. Confidence and trust dented but are quickly recoverable at modest cost within existing budget and resources.	Concern – Short- term negative state/national media coverage. Confidence and trust are diminished but are recoverable with time, staff effort and additional funding.	Displeasure – Extended negative state/national media coverage. Confidence and trust are damaged but recoverable at considerable cost, time and staff effort.	Outrage – Material change in the public perception of the organisation. Confidence and trust are severely damaged, possibly irreparably, and full recovery both questionable and costly.
Low-level non- compliance with legal and/or regulatory requirement or du by individuals or TfNSW.	Minor non- compliance with legal and/or regulatory y requirement or duty. Investigation and/or report to authority.	Moderate non- compliance, Subject to comment and monitoring from applicable regulator. Small fine and no disruption to services.	Major breach resulting in enforcement action and/or prohibition notices. Substantial fine and no disruption to services.	Substantial breach resulting in prosecution, fines and/or litigation. Licence or accreditation restricted or conditional affecting ability to operate.	Prosecution leading to imprisonment of TfNSW executive. Loss of operating licence.
Management Effort/ Organisational Fatigue An event, the improvement of which can be absorbed as part normal activity.	absorbed but some	An event, the impact of which can be absorbed but much broader management effort is required.	Major event which can be absorbed, but substantial management effort is required.	Severe event which requires extensive management effort but can be survived.	Catastrophic event with the clear potential to lead to the collapse of the organisation.
Benefit Realisation of Initiative, Program or Project the benefits realise	t the benefits realised; or minor delay on the project or	Several delays with the initiative and/or moderate decrease in benefits realised; or completion date missed for non- critical path project.	Major delays with the initiative and/or major decrease in benefits realised; or publicly announced portion/milestone missed or final completion date missed with demonstrable mitigating external circumstances.	Severe delays with initiative, which impacts across divisions and/or significant decrease in benefits realised; or publicly announced portion/milestone missed or final completion date missed on critical path project.	Failure to realise benefits of the initiative which adversely affects the enterprise-wide operations of TrNSW: or publidy announced portion/ milestone significantly missed or final completion date significantly missed on critical path project.
Budget, Costs or Revenue <\$100k	\$100k – \$1m	\$1m – \$10m	\$10m – \$50m	\$50m – \$100m	> \$100m



A2 Likelihood Criteria

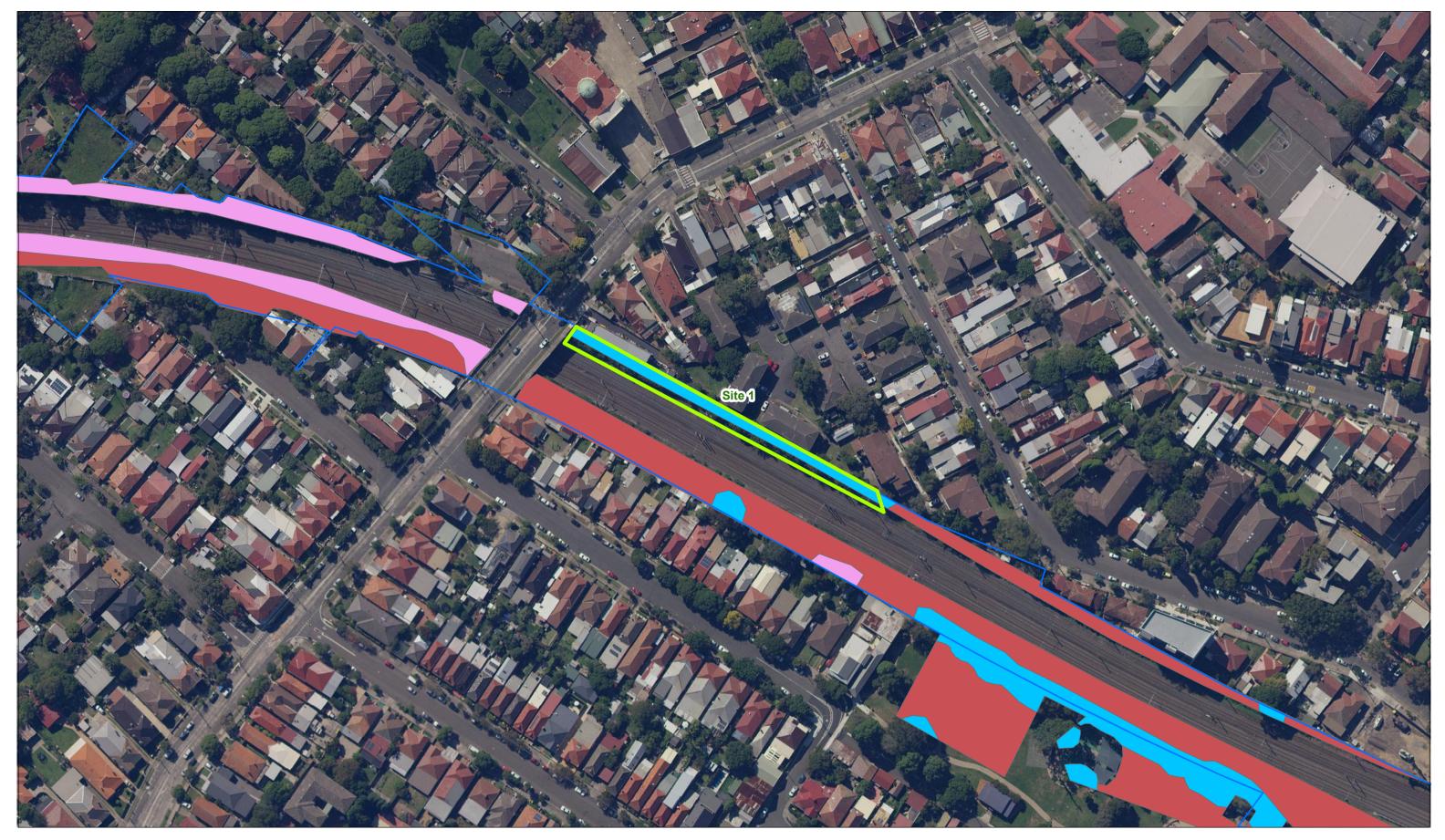
	Likelihood							
Rating	L6	L5	L4	L3	L2	L1		
Descriptor/ Definition	Almost Unprecedented	Very Unlikely	Unlikely	Likely	Very Likely	Almost Certain		
Qualitative Expectation	Not expected to ever occur during time of activity or project	Not expected to occur during the time of activity or project	More likely not to occur than occur during time of activity or project	More likely to occur than not occur during time of activity or project	Expected to occur occasionally during time of activity or project	Expected to occur frequently during time of activity or project		
Sydney Metro Probability Analysis	<10%	10-25%	25-50%	50-75%	75-90%	>90%		
Quantitative Frequency	Less than once every 100 years	Once every 10 to 100 years	Once every 1 to 10 years	Once each year	1-10 times every year	10 times or more every year		

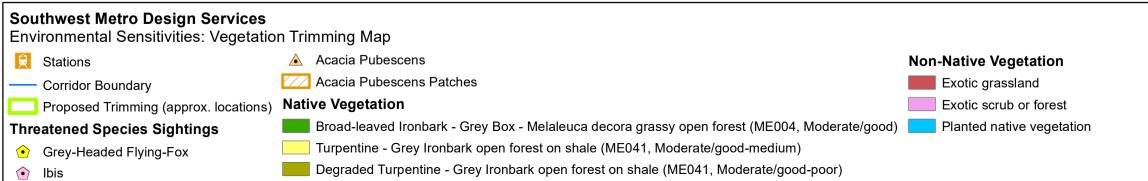
A3 Risk Matrix

	Risk Rating: Very High = A = 31-35 High = B = 22-30 Medium = C = 11-21 Low = D = 1-10		CONSEQUENCE								
			Insignificant	Minor	Moderate	Major	Severe	Catastrophic			
			C6	C5	C4	C3	C2	CI			
	Almost certain	ш	20	22	29	32	34	36			
	Very Uitedy	L2	14	18	23	28	31	35			
LIKEUHOOD	Visidi	L3	9	12	16	24	27	33			
LIKEU	Unlikely	L4	6	7	11	17	25	30			
	Very Unlikely	L5	3	4	8	13	19	26			
	Almost Unprec ed ented	L6	1	2	5	10	15	21			



Environmental Sensitivities Maps

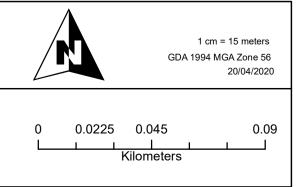




		GD	1 cm = 15 meters A 1994 MGA Zone 56 20/04/2020
0	0.0225	0.045 <u>I</u> Kilometers	0.09

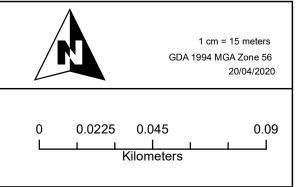


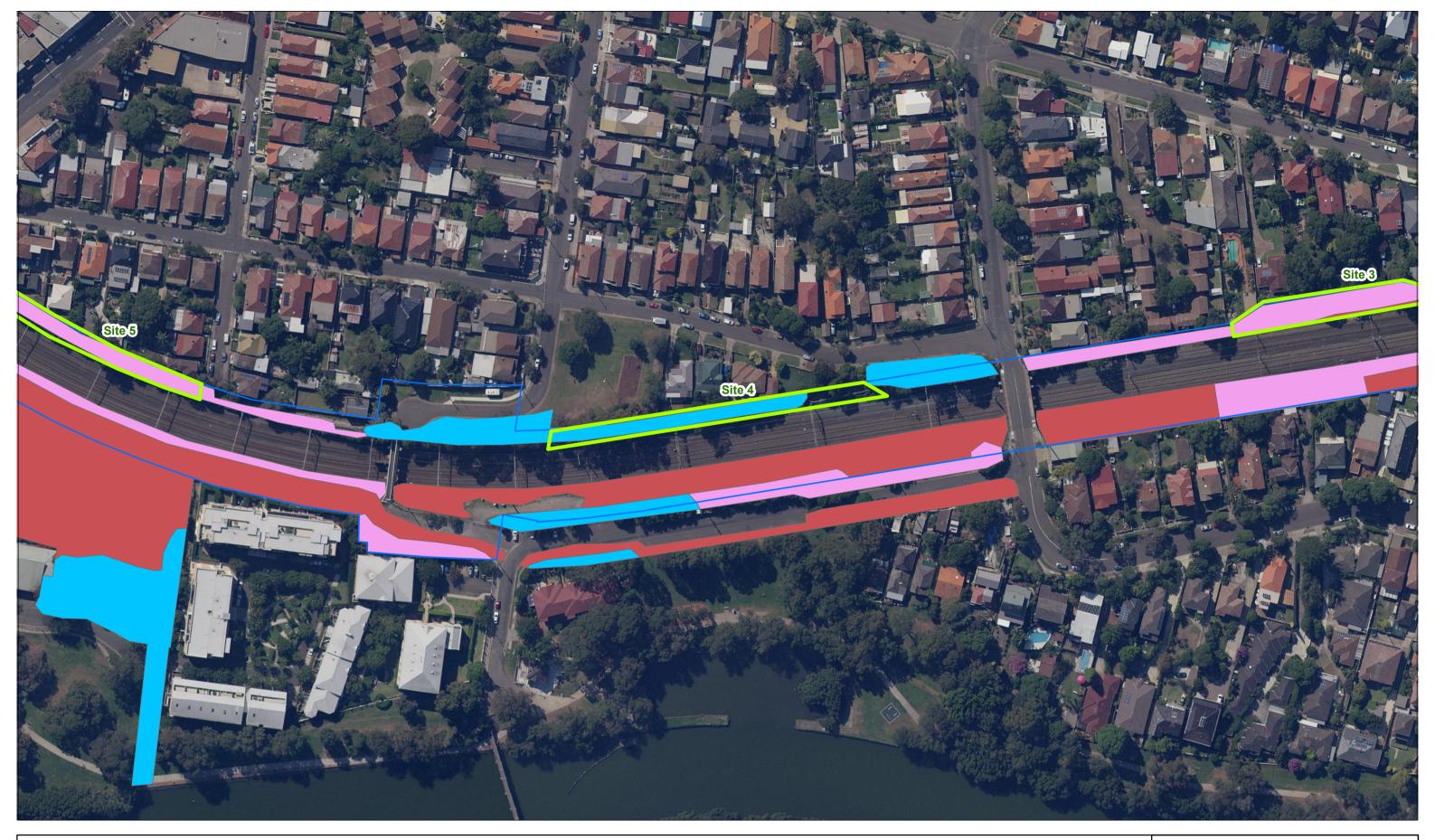
Southwest Metro Design Services Environmental Sensitivities: Vegetation Trimming Map 😥 Stations Acacia Pubescens Non-Native Vegetation Acacia Pubescens Patches Exotic grassland Corridor Boundary **Native Vegetation** Exotic scrub or forest Proposed Trimming (approx. locations) Broad-leaved Ironbark - Grey Box - Melaleuca decora grassy open forest (ME004, Moderate/good) Planted native vegetation **Threatened Species Sightings** Turpentine - Grey Ironbark open forest on shale (ME041, Moderate/good-medium) • Grey-Headed Flying-Fox Degraded Turpentine - Grey Ironbark open forest on shale (ME041, Moderate/good-poor) 🕑 Ibis





Southwest Metro Design Services Environmental Sensitivities: Vegetation Trimming Map 😥 Stations Acacia Pubescens Non-Native Vegetation Acacia Pubescens Patches Exotic grassland Corridor Boundary **Native Vegetation** Exotic scrub or forest Proposed Trimming (approx. locations) Broad-leaved Ironbark - Grey Box - Melaleuca decora grassy open forest (ME004, Moderate/good) Planted native vegetation **Threatened Species Sightings** Turpentine - Grey Ironbark open forest on shale (ME041, Moderate/good-medium) • Grey-Headed Flying-Fox Degraded Turpentine - Grey Ironbark open forest on shale (ME041, Moderate/good-poor) 🕑 Ibis



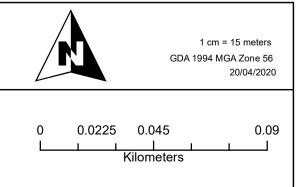


	Southwest Metro Design Services Environmental Sensitivities: Vegetation Trimming Map							
Ŕ	Stations	🔺 Acacia Pubescens	Non-Native Vegetation					
	- Corridor Boundary	ZZ Acacia Pubescens Patches	Exotic grassland					
	Proposed Trimming (approx. locations)	Native Vegetation	Exotic scrub or forest					
Thr	eatened Species Sightings	Broad-leaved Ironbark - Grey Box - Melaleuca decora grassy open forest (ME004, Moderate/good)	Planted native vegetation					
•	Grey-Headed Flying-Fox	Turpentine - Grey Ironbark open forest on shale (ME041, Moderate/good-medium)						
$\mathbf{\bullet}$	lbis	Degraded Turpentine - Grey Ironbark open forest on shale (ME041, Moderate/good-poor)						

		GE	1 cm = 15 0A 1994 MGA 2 20	
0	0.0225	0.045 <u> </u>	<u> </u>	0.09



Southwest Metro Design Services Environmental Sensitivities: Vegetation Trimming Map							
😥 Stations	🔺 Acacia Pubescens	Non-Native Vegetation					
Corridor Boundary	ZZ Acacia Pubescens Patches	Exotic grassland					
Proposed Trimming (approx. locations)	Native Vegetation	Exotic scrub or forest					
Threatened Species Sightings	Broad-leaved Ironbark - Grey Box - Melaleuca decora grassy open forest (ME004, Moderate/good)	Planted native vegetation					
	Turpentine - Grey Ironbark open forest on shale (ME041, Moderate/good-medium)						
🕥 Ibis	Degraded Turpentine - Grey Ironbark open forest on shale (ME041, Moderate/good-poor)						





Appendix 2: Environmental Management Documentation

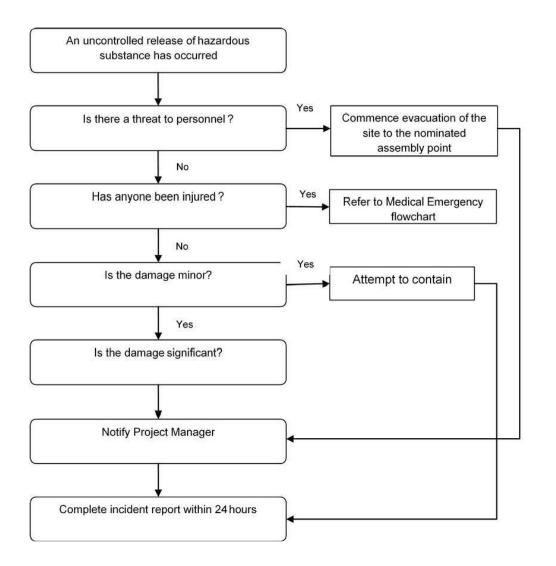
Unexpected Finds

In the case that an environmental consultant is not available for oversight, workers will be vigilant for hazardous materials that may be uncovered during investigations. Unexpected finds include, but are not limited to, odour, visual contamination, acid sulfate soils, deleterious material inclusions, asbestos containing material, Underground Storage Tanks (USTs) or any other suspect materials. Any unexpected finds will be reported to the Contractor's on-site manager immediately. Additionally, the site owner/occupier should be informed as soon as practical following an unexpected find.

If hazardous materials are uncovered / discovered during excavations the Contractor shall:

- Cease all work in that vicinity (and fence the area if appropriate)
- Remove workers from the vicinity
- An experienced environmental consultant / occupational hygienist should be contacted to assess the potential risks associated with the Unexpected Finds and provide appropriate management options
- Investigate the nature of the risk of the materials, determine the appropriate response and document the actions in accordance with contractual obligations.
- In the event of a serious unexpected find, which could cause harm to human health and/or the environment, TfNSW and the NSW EPA may need to be informed.
- The risks posed by the removal works to Aboriginal or European heritage are expected to be minimal. However, in the event potential heritage items are encountered during excavations, works will cease, and the Site Supervisor notified.







Appendix 3: Community Notification



Appendix 4: Environmental Representative Supporting Letter

Not applicable



Appendix 5: Heritage Impact Assessment

Not Applicable