

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:	RPS Pty Ltd
Project:	Sydney Metro – Minor Works
Application Title: (e.g. Smith St trenching works)	Saywell Street – Minor Clearing/Removing/Dismantling Works
Application Number:	MW_033
Application Date:	19 th March 2018
Planning Approval:	Sydney Metro City & Southwest - Chatswood to Sydenham (SSI 15_7400)
Minor Works Categories: <ul style="list-style-type: none"> Highlight as applicable. If Items 4, 8 or 11 are applicable, this form must be endorsed by an Environmental Representative. 	<ol style="list-style-type: none"> Survey, survey facilitation and investigations works (including road and building dilapidation survey works, drilling and excavation). Treatment of contaminated sites. Establishment of ancillary facilities (excluding demolition), including construction of ancillary facility access roads and providing facility utilities. Operation of ancillary facilities that have minimal impact on the environment and community. Minor clearing and relocation of vegetation (including native). Installation of mitigation measures, including erosion and sediment controls, temporary exclusion fencing for sensitive areas and acoustic treatments. Property acquisition adjustment works, including installation of property fencing and utility relocation and adjustments to properties. Utility relocation and connections. 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.
Planning Authority Determination: Will the proposed works affect or have the potential to affect heritage items, threatened species, populations or endangered ecological communities?	The works do not have the potential to affect heritage items, threatened species populations or endangered ecological communities.

Part 2: Details

<p>Describe the proposed Minor Works: Including work methodologies, site location(s) and site description(s) (e.g. landscape type, waterways, etc.).</p>	<p>Methodology:</p> <ul style="list-style-type: none"> ○ Traffic control – set up ○ Service locate and mark up (via EMI/GPR and water soluble marking paint or chalk) ○ Field verification of existing infrastructure and services ○ Provide protection for the power pole within the work zone ○ Setup environmental controls as per environmental control plan ○ Removal of trees ○ Clearing of vegetation ○ Remove timber/metal wire fencing ○ Dismantling/removing redundant disused gas facilities ○ General clean up of disused items ○ Ensure the work site is clean ○ Traffic control – pack up <p>List of plant/equipment:</p> <ul style="list-style-type: none"> ● Traffic control vehicles (ute) including non-tonal reversing beepers (i.e. ‘quackers’) ● Demo Saw ● Excavator ● Electromagnetic wands ● Small-scale Ground Penetrating Radar ● Vac truck <p>Map See Appendix 1.</p>
<p>Planned Commencement Date:</p>	<p>4th – 6th April 2018 – Saywell Street 9th April (contingency day)</p>
<p>Local Sensitivities: Describe the presence (if any) of local sensitive environmental areas and community receptors.</p>	<p>Local sensitivities related to surrounding residents and businesses. Refer to CEMP Addendum 7 SSC Dayworks</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, procedures, etc.).

- **ECM**
- CEMP (provided to TfNSW separately)
- Minor Works SWMS (provided to TfNSW separately)

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?

- Site induction
- Pre-start meeting
- Toolbox talks

Part 5: Community Consultation

What community consultation has been undertaken already?

Consultation has been completed recently for related geotechnical investigation works (works completed 5th March, consultation completed by Sydney Metro week of 26th February). Engagement with nearby receptors has been completed by Sydney Metro for proposed site clearing works the week of 26th March

What community consultation is planned to be undertaken?

Site clearing works to be included with the monthly SSJ notification for the area, minimum 5 business days prior to start of works. Affected properties adjacent to the site will be contact directly by community relations officers prior to work starting on 4th April.

If drafted already, attach applicable Community Notification as Appendix 3.

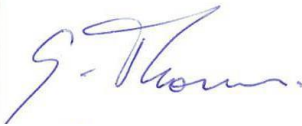
Part 6: Contact Details

Nominate contractor's project manager, environmental and communications contact(s).

Name:	Tommy Cheung	Position:	Project Manager and communications contact	Phone:	0402 886 501
	Gareth Thomas		Environment contact		0414 228 613

Part 7: Signature

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.



Name:	Gareth Thomas		
Signature:		Date:	19/03/2018

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:	HELENIS-DIMITRI	FIL CERONE	
Date:	3 APRIL 2018	3/4/18	
Comments:			Supporting letter attached as Appendix 4 if necessary.
Conditions:			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: Works location map

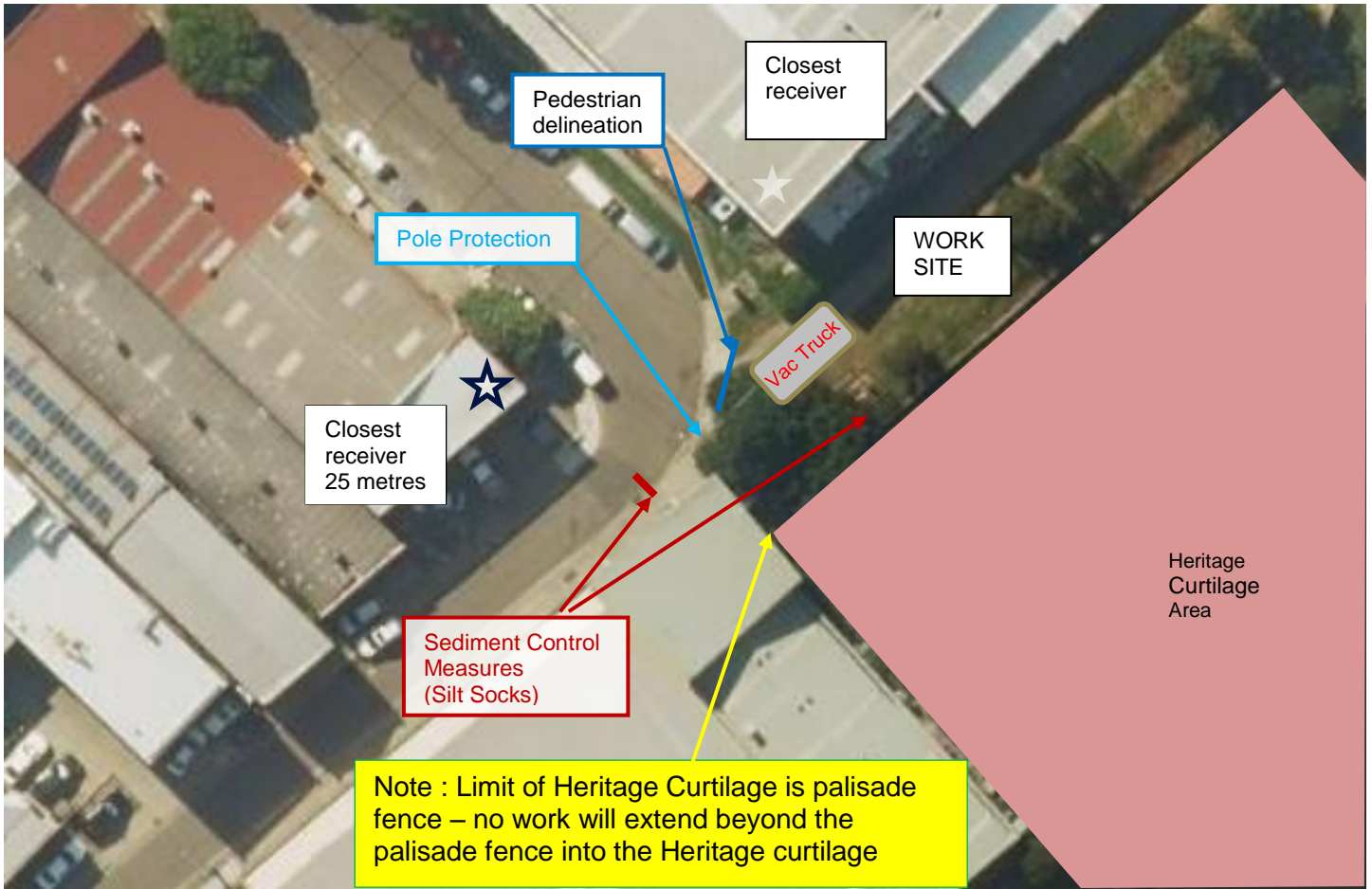
Minor Works – Saywell Street Marrickville



STOP WORK REQUIREMENTS	
Aspect	Requirements
Unexpected heritage find	Stop all work in vicinity immediately. Contact Project Environmental Manager. Project Environmental Manager to contact TINSW Environmental Manager.
Water discharge	Do not proceed without prior approval from Environmental Manager. The TINSW form Approval to discharge or reuse water (TP-FF-160) is to be completed for all off site dewatering.
Contamination / Hazardous Materials – Suspected contamination material discovered	Stop all work in vicinity immediately. Contact Project Environmental Manager. Contact TINSW Environmental Manager. Contact the Project ERM.
Environmental Incident – Hydrocarbon / Chemical Spill, Contaminated Material Release or Toxic Run-off to Surface Water	Contact the Project Environmental Manager immediately and without delay. Follow incident response guidelines in the OEMP.

CONTACT INFORMATION		
Project Manager	Cameron Miles	0434 045 283
Environmental Manager	Bereth Thomas	0414 228 613
WHS Manager	Cameron Miles	0434 045 283
TINSW Response Line		1800 775 405
Transport Project Line		1800 084 400
EPA Environmental Line		131 555
Fire and Rescue		000
City of Sydney Council		02 9265 6333
WorkCover		13 10 50
Ministry of Health		(02) 9391 9000
WIRES		1300 094 737

HOURS OF WORK
Subject to Out of Hours approval.



The following have been assessed in terms of this ECM

1. Unwanted discharge of non-hazardous liquids to adjoining waterway.
 - a. No expected discharge as Vac Truck is a self-contained system
 - b. Sediment control measures in the form of silt socks will be placed directly downhill from the non-destructive digging location (timer barrier)
 - c. Spill kit is present and available at the Vac Truck
 - d. Silt socks to be place at the two grated pits as shown.
2. Noise
 - a. Works are to be undertaken during the day and the works
 - b. Vac Truck generates 85dBA and this will be reduced by 5dBA due to distance attenuation and 5 dBA due to no continuous works.
 - c. Mitigation measures to be employed on site include minimising with no unnecessary shouting, loud stereo's or radio, no idling of vehicles unless necessary for the works

Noise Aspect	If anticipated predicted noise levels have not already been established, select the most applicable value for each noise aspect below and enter these values into Error! Reference source not found..	dBA Value
1. Estimated predicted plant /equipment noise level at 10 metres Including +5 dBA penalty for	Hand-held tamper, impact sheet piling rig	105
	Rail grinder, ballast regulator, concrete/rock saw, excavator hammer, jackhammer, rock-breaker	95
	Mainline tamping machine, pin puller, dynamic track stabiliser, large bulldozer, chainsaw, large excavator, pour fill/ballast, water cart, super-sucker, front-end loader, vibratory or bored piling	85

annoying activities as per ICNG (refer to Appendix B for other predicted noise level data)	Asphalt paver, backhoe, small bulldozer, mulcher, concrete pump/mixer/agitator, tower/mobile crane, small excavator, grader, forklift, welder, wheeled-loader, Standard Penetration Testing	80
	Truck, spreader, whacker packer, cherry-picker, fence post driver, electric drill, drill rig	75
	Lighting tower, small generator	70
	Talking	60
2.Noise source character	Non-continuous use (plant/equipment to operate for less than half the time)	- 5
3.Local screening	Existing screening between site and receiver (buildings, cuttings, canopies, etc.)	- 5
	Temporary screening to be implemented near work site	- 10
	Acoustic shed or enclosure	- 25
4.Distance attenuation	< 10 metres	0
	10 to 20 metres	- 5
	20 to 35 metres	- 10
	35 to 60 metres	- 15
	60 to 100 metres	- 20
	100 to 180 metres	- 25
	180 to 350 metres	- 30
350 to 1,000 metres	- 40	

3. Vegetation
 - a. Trees to be remove and clearing of vegetation as part of these works
4. Fencing
 - a. Only during active works
5. Pedestrian
 - a. Delineate pedestrian from the work site
6. Heritage
 - a. Heritage curtilage area does not extend beyond the palisade fence as per supplied sketch below





Sydney Metro Minor Works

CEMP Addendum 7 SSC Dayworks

Prepared by:

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Reviewed: Jonathan Smith
Approved: Graham Elgie
Project No.: IS 16167
Version: 2.2
Date: February 2018

Prepared for:

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DOCUMENT STATUS

Version	Purpose of Document	Prepared by	Reviewed by	Review Date
0.1	CEMP Addendum 7 SSC Dayworks	TC	GE	19/03/2018
0.2	Amendment from review	TC	GE	27/03/2018
0.3	Further Amendment	TC	GE	28/03/2018

APPROVAL FOR ISSUE

Name		Date
G Elgie		19/03/2018

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1 Overview of works

1.1 Details of requirements

Sydney Metro

This addendum serves to notify of additional scope in addition to the provisions of the CEMP. The relevant headings and labelling has been maintained where relevant.

The proposed works in the vicinity of the corner of Saywell & Shirlow Streets and the boundary fence of the Sydenham Basin, relating to this addendum only are as follows :

- Clearance of vegetation and removal of trees
- Dismantling of disused gas plant
- Removal of miscellaneous fencing and posts
- Clear out of accumulated general waste
- Pictorial representation of area of works defined in 1.2 below

RPS propose to deliver the Works in accordance with the milestone dates identified in Table 1

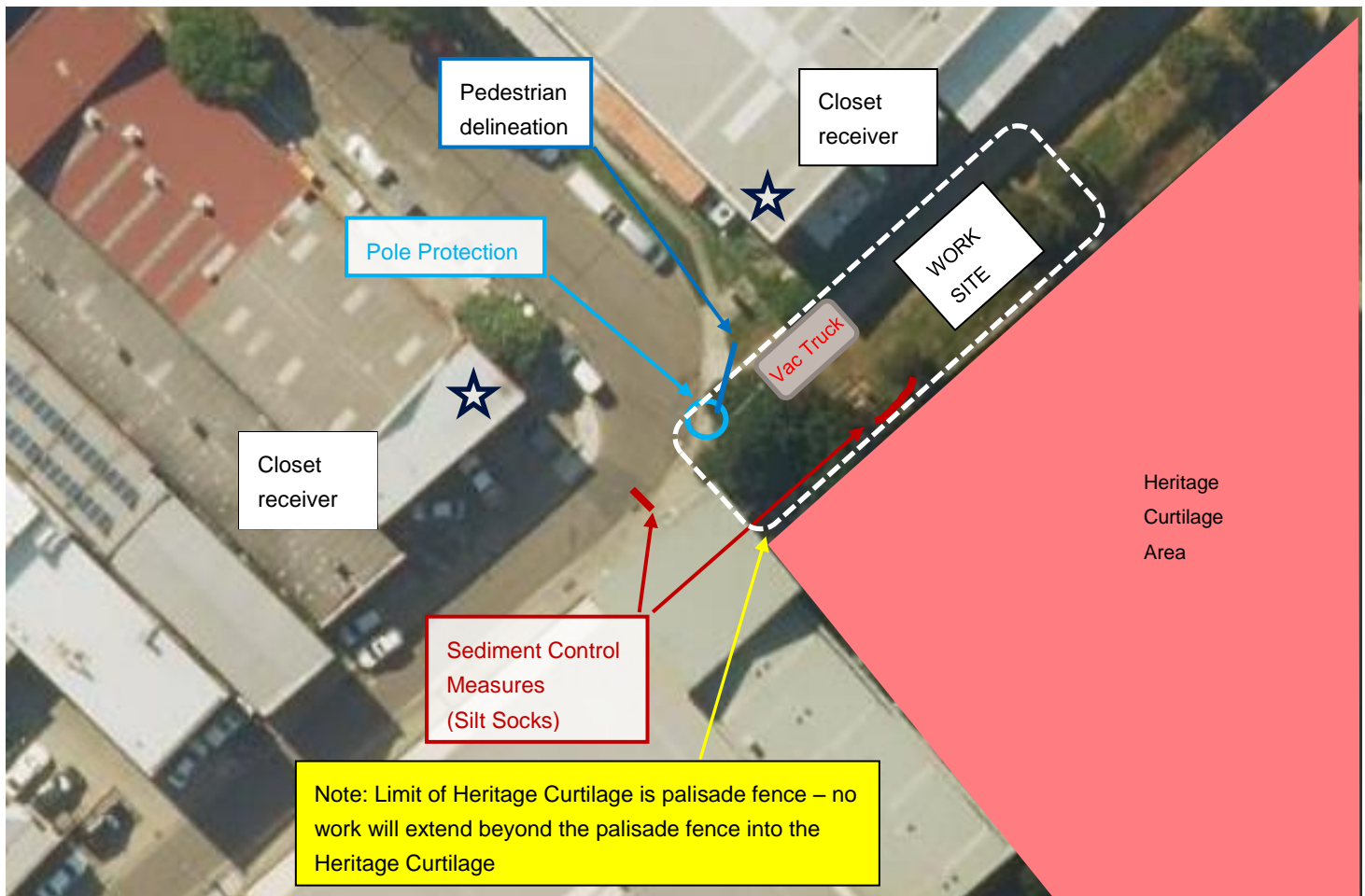
Minor works	Milestone start date and approximate duration
Saywell Street, Marrickville	
Apply for all required approvals: <ul style="list-style-type: none"> ▪ TCP/ROL Dial Before You Dig ▪ Sydney Metro Pre-Construction Minor Works 	
Utility location and clearing/removing/dismantling works within the Axicom site only (for scope refer to MW_33 Part 2)	4 th – 6 th April 2018
Office work	20 th April 2018

Table 1 Works staging – utilities location, clearing, removing and dismantling

1.2 Defining work areas and traffic control

The environmental works area map will be used in conjunction with the traffic control plan to help identify key risk areas and to promote ongoing communication to minor works personnel during clearing/removing/dismantling where applicable.

1.2.a Saywell Street, Marrickville



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4. Fencing
 - a. Only during active works
5. Pedestrian
 - a. Delineate pedestrian from the work site
6. Heritage
 - a. Work area is outside the supplied heritage curtilage for the Sydenham basin

