

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:	Golder Associates
Project:	Sydney Metro
Application Title: (e.g. Smith St trenching works)	Geotechnical Site Investigation Work at St Peters on suburban roads
Application Number:	078-079-RevB
Application Date:	7 February 2017
Planning Approval:	
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 delineation 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?	If ‘Yes’, this completed form must be endorsed by an Environmental Representative, approved by TfNSW and submitted to the applicable planning authority to determine that the works are not defined as ‘construction’. No.

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>BH078 and BH079.</p> <p>Boreholes to be drilled in John St and Council St adjacent to the rail corridor at St Peters.</p> <p>Each site will require 1 day of work (2 days total)</p> <p>Traffic control Scan for services > locate hole Fencing surround site. Drill through road, conduct NDD Drill borehole to target depth with drill rig Backfill hole and reinstate surface Demobilise site</p>
<p>Planned Commencement Date:</p>	<p>27 February 2017. Working 7am to 6pm. 2 days of work.</p>
<p>Local Sensitivities: Describe the presence (if any) of local sensitive environmental areas and community receptors</p>	<p>Located adjacent to residences: BH078 – 5m buffer (one side of road only) BH079 – 5m buffer (both sides of road)</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.

<p>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.).</p>	<p>Refer to the attached ECM's</p> <p>Refer to Golder-Douglas CEMP (dated August 2016)</p>
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Part 4: Workforce Notification

<p>How will the environmental and community risks and associated mitigation measures of the proposed Minor Works be communicated to the contractor's workforce?</p>	<p>During morning toolbox talks before work each day.</p>
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Part 5: Community Consultation

<p>What community consultation has been undertaken already?</p>	<p>Sydney METRO Comms Team</p>
<p>What community consultation is planned to be undertaken?</p>	<p>Sydney METRO Comms Team</p>
<p>If drafted already, attach applicable Community Notification as Appendix 3.</p>	


Part 6: Contact Details

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

Name:	Luke James-Hall	Position:	Field Manager	Phone:	0407 216 678



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:	Luke James-Hall		
Signature:		Date:	10 Feb 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:	Michael Lloyd	FIL CERONE	
Date:	16 Feb 2017	16 / 2 / 17	
Comments:	Commencement day is 27 Feb, as per Ben Seaford's advice on 14 Feb.		<i>Supporting letter attached as Appendix 4 if necessary.</i>
Conditions:			<i>Supporting letter attached as Appendix 4 if necessary.</i>
<input checked="" type="checkbox"/> Approved (by TfNSW)			
<input type="checkbox"/> Endorsed (by Environmental Representative)			

<input type="checkbox"/>	Rejected
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Appendix 1: Cover Page

Environmental Risk Assessment and Environmental Control Map.

SITE HSSE PLAN

1650773 SYDNEY METRO CITY & SOUTHWEST

Site Location:	SRT_BH078 and SRT_BH079		
Site Description:	End of Council Street and John Street St Peters, NSW		
Tenure / Site Owner:	Inner West Council	Contact:	
Site Access / Egress:	Council Road		
Site History:			

Site Interfaces	Contact Person	Contact No	Considerations
Council	TBC		

Scope of Work

Location	Type	Insitu Testing	Instrumentation & Completion	ATW
SRT BH078 & 79	Service Scanning	-	Electromagnetic / GPR	<input type="checkbox"/>
SRT BH078 & 79	Road Opening	-	Concrete Saw	<input type="checkbox"/>
SRT BH078 & 79	NDD	-	-	<input type="checkbox"/>
SRT BH078 & 79	Borehole	SPTs, Packer Tests, Stress Testing	Imaging, grouting	<input type="checkbox"/>

Site Team

Company	Name	Role	Mobile
Golder-Douglas	Luke- James Hall	Field Manager	0407 216 678
Golder-Douglas	Matthew Bennett	Field Engineer	0438 666 775
Groundtest	John Simon	Driller	0408 212 820
Groundtest	Tom Kenny	Driller's Offsider	
SureSearch	Noreen Tina	Road Opening/ NDD	0418 920 520 0477 007 966
AUM	Michael Kelly	Road Opening/ Fence Set-Up/ NDD	0424 537 952
Safe on Site	Mike Wangaman	Traffic Control	0437 688 960

Plant

Company	Plant ID	Type	Make / Model
Groundtest	G1	Truck mounted drill rig	Explorer

Site Establishment

Site Facilities	Y	N	Location or Arrangements
Toilets available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Site Peters train station (east) and Camdenville Oval (South)
Shade/Shelter available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Temporary shade can be provided
Potable Water available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Support Vehicle
Smoking area?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No smoking within 20m of work safe or within 10m of sporting areas, parks, bus zones, outdoor dining areas and entrances to buildings
Security required?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

Emergency Equipment	Y	N	Location
Fire Extinguishers	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Drill Rig
First Aid Kit	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Support Vehicle
Spill Kit	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Drill Rig

Emergency Procedures

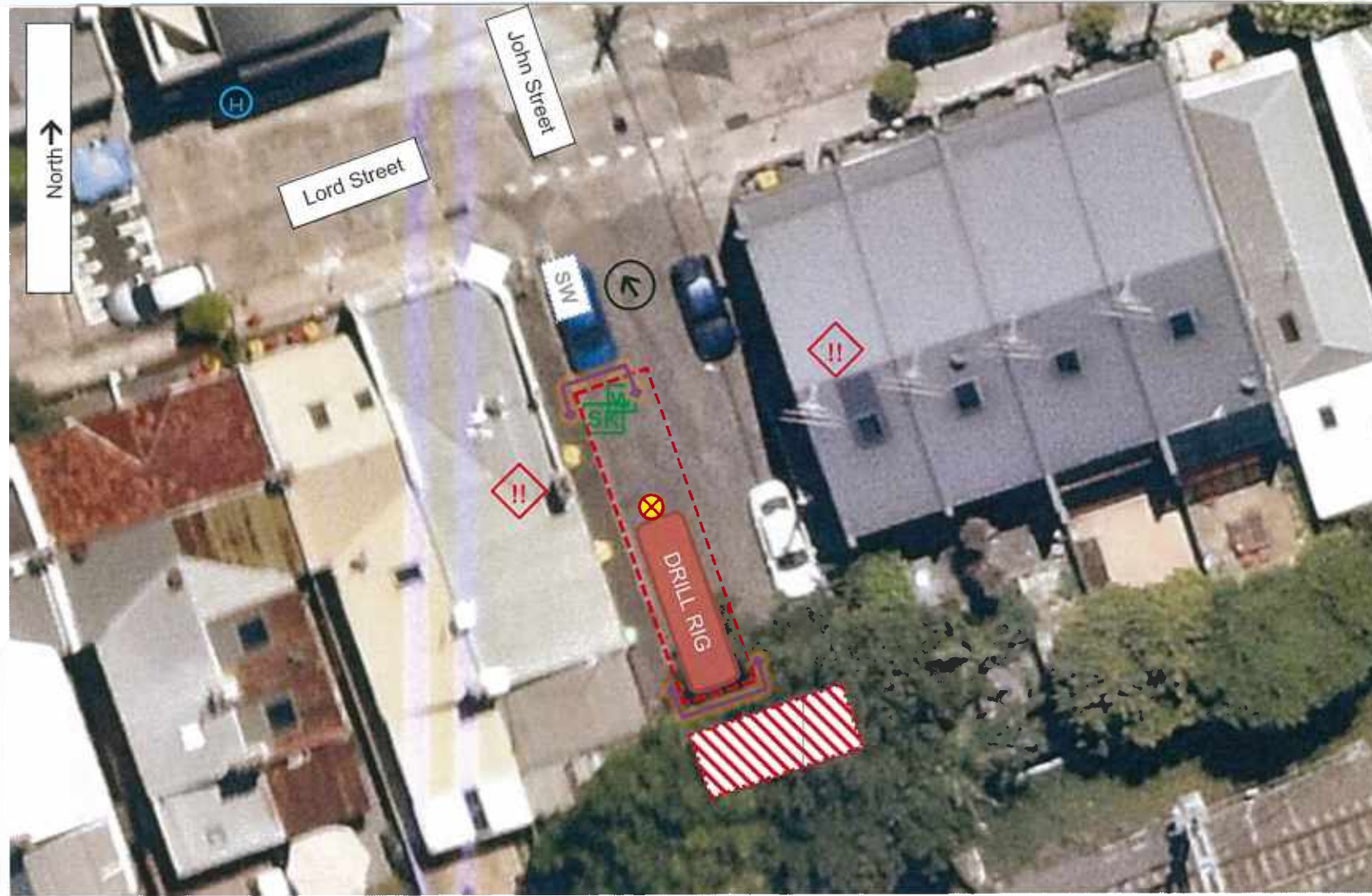
Evacuation Signal:	Verbal by site warden		
Assembly Area:	To be determined by field engineers at each borehole location		
Site Warden:	Field Engineer	Contact:	See site team list above
First Aiders:	Field Engineers, Drillers		

SITE HSSE PLAN

1650773 SYDNEY METRO CITY & SOUTHWEST

Environmental Control Map –

BH078



ECM Legend

	Site Boundary
	Site Access Traffic Flow
	Slope
	Residence (Sensitive Receptor)
	Water Course
	Hydrant
	Storm Water Drain
	Borehole
	Sediment Control Measures
	Bunded Waste Storage
	Spill Kit
	No-Go Zone
	Threatened Species - Heritage - Street Trees

SITE HSSE PLAN

1650773 SYDNEY METRO CITY & SOUTHWEST

Environmental Control Map –

BH079

ECM Legend



	Site Boundary
	Site Access Traffic Flow
	Slope
	Residence (Sensitive Receptor)
	Water Course
	Hydrant
	Storm Water Drain
	Borehole
	Sediment Control Measures
	Bunded Waste Storage
	Spill Kit
	No-Go Zone
	- Threatened Species - Heritage - Street Trees

Appendix 2: Cover Page

Environmental Management Documentation.

Appendix 3: Cover Page

Community Notification.

Appendix 4: Cover Page

Environmental Representative Supporting Letter.

