



Integrated
Management
System

Pre-Construction Minor Works Approval Form

SM ES-FT-415

Sydney Metro Integrated Management System (IMS)

Assessment Name:	Contamination Site Investigation Work At the residual portion of the Marrickville Dive Site, Sydney Steel Road
Prepared by:	Nation Partners
Prepared for:	Sydney Metro
Assessment number:	NP-1
Type of assessment:	Assessment under EP&A Act 1979, Division 5.1
Version:	1
Planning approval No. (where relevant):	SSI_7400
Date required:	11 November 2022
iCentral number	SM-22-00431612

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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:	Nation Partners
Project:	Sydney Metro
Application Title: (e.g. Smith St trenching works)	Contamination Site Investigation Work At the residual portion of the Marrickville Dive Site, Sydney Steel Road.
Application Number:	1
Application Date:	28/09/22
Planning Approval:	SSI_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?	<p><i>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'.</i></p> <p>No – the works are within the existing activities carried out by contractor on site.</p>

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>Description</p> <ul style="list-style-type: none"> • Preparation of a sampling analysis and quality plan (SAQP) to scope and guide the sampling works • Prepare a Health, Safety and Environment Plan (HSEP) and Safe Work Method Statements (SWMS) for the fieldworks. • Undertake a site walkover prior to the fieldworks in order to inform the SAQP with respect to intrusive works and the active construction status of the site. • Completion of underground service clearance works, including Dial-Before-You-Dig search, using a professional service locator to identify and mark services, and non-destructive digging using a hand auger to 1.0 metres below ground level (mBGL). • Undertake a sampling program comprising: <ul style="list-style-type: none"> ○ Drilling and installation of up to 9 groundwater monitoring wells (GMMW) to a maximum depth of 8 metres below ground level (mBGL), and associated soil sampling during drilling. ○ Advancement of up to 28 shallow soil bores, in addition to the GMMW, to a maximum depth of 3 mBGL and associated soil sampling. ○ Collection of up to 9 groundwater samples using HydraSleeves from the newly installed GMMWs. • Laboratory analysis of selected soil, groundwater, and passive soil vapour samples. • Preparation of a Stage 1 data gap report that presents the data and provides conclusions and recommendations relevant to the redevelopment.
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<p>Planned Commencement Date:</p>	<p>Commencing 10th November 2022, finishing 6th December 2022.</p>
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<p>Local Sensitivities: Describe the presence (if any) of local sensitive environmental areas and community receptors</p>	<p>N/A</p>
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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><i>Appendix 2 – Nation Partners Sampling Analysis and Quality Plan, dated September 2022</i> <i>Appendix 2 – Nation Partners Health, Safety, and Environment Plan, dated September 2022</i></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>Community notification Site induction Pre-start toolbox SWMS</p>
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Part 5: Community Consultation

What community consultation has been undertaken already?	Nil
What community consultation is planned to be undertaken?	Note to be included as part of weekly email update of geotechnical investigations occurring on site given impacts are minor and within the proposed LineWide activities on site.
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:	Liam Gooley	Position:	Project Director	Phone:	0418 689 493
	Bradley Coates		Project Manager		0404 236 106
	Ryan Thomson		Field Manager		0430 094 241

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:	Liam Gooley		
Signature:		Date:	29 September 2022

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:	Harsatnam Hundal	Dylan Jones	
Date:	24/10/22	1/11/2022	
Comments:			<i>Supporting letter attached as Appendix 4 if necessary.</i>
Conditions:			<i>Supporting letter attached as Appendix 4 if necessary.</i>
<input type="checkbox"/>	Approved (by TfNSW)		
<input type="checkbox"/>	Endorsed (by Environmental Representative)		
<input type="checkbox"/>	Rejected		

Appendix 1: Cover Page

Environmental Risk Assessment and Environmental Control Map.

Appendix 2: Cover Page

Environmental Management Documentation.

Appendix 3: Cover Page

Community Notification.

Project update – Marrickville Dive Site and Sydney Metro Trains Facility South

November 2022

Sydney Metro is Australia's biggest public transport project.

Services started in May 2019 in the city's north west with a train every four minutes in the peak. Metro rail will be extended into the CBD and beyond to Bankstown, with new CBD metro railway stations at Martin Place, Pitt Street and Barangaroo and new metro platforms at Central. By 2030, Sydney will have a network of four metro lines, 46 stations, and a 113 kilometre of new metro rail.

Systems Connect (an unincorporated joint venture between CPB Contractors and UGL Limited) is delivering line-wide work including installing metro rail track, power systems and infrastructure to turn the excavated tunnels into a working railway between Chatswood and Sydenham. Line-wide work also includes the permanent systems, services and buildings required for Sydney Metro operations between Chatswood and Bankstown.

At Marrickville, Systems Connect is responsible for the design and construction of Sydney Metro Trains Facility (SMTF) South, the dive buildings and services buildings.

Ongoing investigation works of utility services continues during November – Railway Parade, Marrickville

Systems Connect will continue to carry out utility services investigations **throughout November 2022 from 7am to 6pm Monday to Friday and 8am to 6pm on Saturdays**. Utility service investigations are required to determine the location of existing underground services along Railway Parade.

These works include: potholing and investigations to confirm the location of underground services, cutting the road pavement, excavating trial holes and removing soil, survey of services in trial holes, backfilling and compacting of the trial holes, and restoring the road surface.

Once investigation work is completed, Systems Connect will commence services relocation and installation of new service routes. These works will include: excavating, saw cutting and removing existing road pavement, installation of a new conduit route, installation of new light poles and removal of old ones, relocation of the Optus network in the new route and decommissioning of the existing one.

The final stage of services relocation work includes removal of pavements and excavation of concrete, removal of soil to install a new drainage system, installation of fencing and restoration of the road and pavement surface.

A map of the work area appears on the last page.

Temporary parking restrictions and footpath closure

There will be no parking and temporary traffic changes on Railway Parade during investigation and relocation of utility services. The footpath will remain closed and all parking on Railway Parade will be temporarily removed to allow for these works. These temporary restrictions are necessary to ensure the safety of our teams working during this time and is scheduled to conclude by the end of November, if unexpected finds are not identified.

Traffic management will be present to ensure the safety of foot and road traffic. Please follow the detour signs. We will keep the community informed as the work progresses.

Ongoing work at Marrickville Dive and SMTF South

Day work – Project standard working hours are Monday to Friday, 7am to 6pm and Saturdays, 8am to 6pm	
Location	Details
Marrickville Dive Site, SMTF South and Sydenham Station	<ul style="list-style-type: none"> • Delivery of heavy machinery and large equipment and materials for work in the tunnels, the dive site and SMTF South • Continue installation of: <ul style="list-style-type: none"> ○ acoustic panels in the tunnels ○ cables and cabinets in the services building and at Sydenham Station ○ inground services for the extension of Sydney Steel Road up to the stabling yard ○ street lighting foundations, security fencing and landscaping in the SMTF South ○ ground water treatment tanks ○ trackside equipment and cable pulling in the yard and at Sydenham Station ○ electrical, mechanical, hydraulics and fire services ○ buffer stops, overhead wiring and jewellery. • Mechanical and electrical fit-out of the tunnels, cross passages, the yard and buildings • Form reinforcement pour (FRP) work for the road pavements and footpaths • Earthworks to achieve final levels across SMTF South • Concrete delivery, pouring and pumping • Survey work and workers accessing the tunnels • Ventilation equipment delivery and installation at the Southern Dive Building • Cable pulling across the Southern Dive Building, Sydenham Station, service buildings and the yard, testing and commissioning • Track construction and placement of ballast outside of the yard along the Eastern bypass • Testing and commissioning of electrical services • Asphaltting of the roads in the stabling yard and across the SMTF South site • Surveying and geotechnical investigations, including drilling and installation of groundwater monitoring wells and water and soil sampling

Out-of-hours work– Due to the nature of some activities and for the safety of workers, some work will occur outside standard construction hours		
Date/time	Location	Detail
24/7 during November	Marrickville Dive Site and SMTF South services buildings	<ul style="list-style-type: none"> • Delivery of plant, machinery, concrete and materials for tunnel fit-out work • Installation of cables and trackside equipment in the tunnels • Fit-out of tunnels and cross passages • Construction of rail track and rail installation inside the tunnels and portals • Earthwork, formwork, reinforcement and concrete pouring • Electrical generator operation
Sundays from 7am to 6pm	SMTF South services buildings	<ul style="list-style-type: none"> • Low impact noise activities including earthworks, crane lifts, formwork, reinforcement, material movement, pumping and concreting
Sunday 16 November and Tuesday 25 November from 6pm to 7am	Rail grinding on the tunnel trackway	<ul style="list-style-type: none"> • Low impact noise activities inside the tunnels

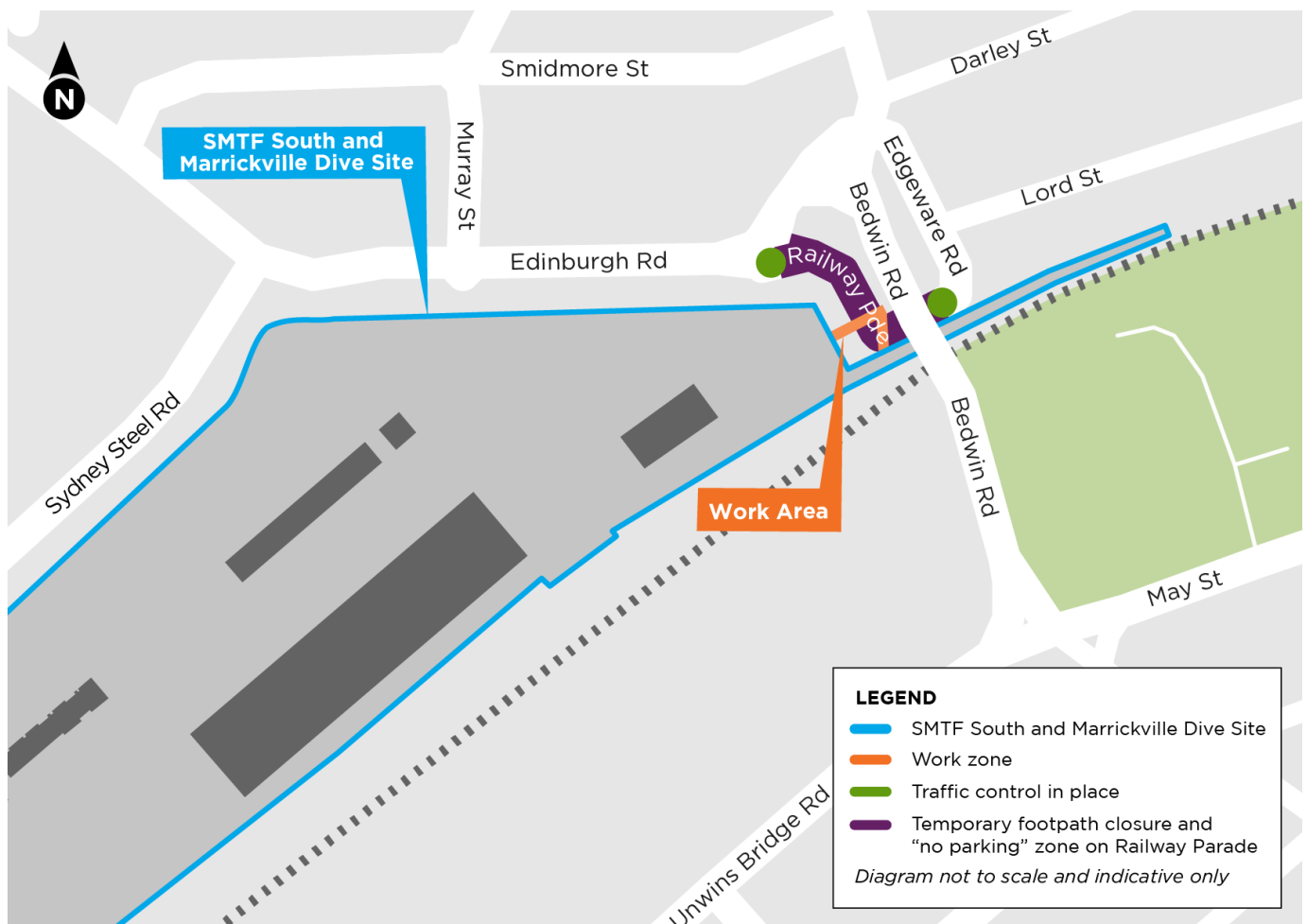
What to expect

- Equipment used will include handheld and electric tools, power drills, vibratory equipment, rollers, excavators, skid-steer loaders, concrete mixers and pumps, hi-rail equipment (i.e. excavator, trolleys, tugs), bobcats, forklifts, rollers, mobile cranes, telehandlers. EWP, lighting towers, light trucks and heavy vehicles and tipper.
- Some of this work will be noisy. The project team will take every step possible to minimise noise. A range of mitigation measures are in place to meet the project's approval conditions and reduce noise, including noise barriers, using only the necessary equipment for each task, turning off equipment when not in use. All machinery will have non-tonal movement alarms.
- Some equipment will be delivered outside standard construction hours in line with Transport for NSW requirements for transporting oversized vehicles.
- General construction deliveries and tunnel fit-out will continue 24 hours a day, seven days a week, as per the project's planning approvals. All relevant mitigation measures will be in place to reduce noise impacts where possible.

Council working on Edinburgh Road, Marrickville

Inner West Council is working to install footpaths, road slab and roundabout re-instatement around Edinburgh Road / Murray Street. This work is carried during day and night, taking up parking and implementing temporary traffic arrangements on the adjacent streets. **For more information about these works, please contact Inner West Council on: (02) 9392 5000 or www.innerwest.nsw.gov.au/about/get-in-touch/**

Map of the Systems Connect work area



Keeping you informed

To keep up to date on our work at the Marrickville Dive Site and SMTF South, please register for updates through linewidemetro@transport.nsw.gov.au or **1800 171 386**. Thank you for your cooperation as we finish this essential work.



1800 171 386 Community information line open 24 hours



linewidemetro@transport.nsw.gov.au



Sydney Metro City & Southwest, PO Box K659, Haymarket NSW 1240



If you need an interpreter, contact TIS National on **131 450** and ask them to call **1800 171 386**

Appendix 4: Cover Page

Environmental Representative Supporting Letter.