

Sydney Metro City & Southwest – Chatswood to Sydenham Ancillary Facility Assessment

Site Location:	Sydney Metro Trains Facility – South (SMTF-S) Off Sydney Steel Road, Marrickville NSW 2204 (Construction site – Bridge constructed and complete by SSJ)
Site Usage Duration:	November 2021 – September 2023
Document Number:	SMCSWLWC-SYC-DSY-EM-REP-010603 Rev01

This assessment is to be completed for each proposed ancillary facility site that has not been identified (by description and location) in the EIS, as required by CoA A16 under CSSI 7400 and CSSI 8256.

Before proceeding with the assessment please attach details of site location, adjoining roads, suburb, etc., a screenshot of site map and relevant photos in Appendix 1. This assessment is not complete without that information.

Refer to the table below for relevant terms and definitions.

Term	Definition
Ancillary Facility	A facility established for construction of the project which will be decommissioned at the end of construction including an office and amenities compound, construction compound, material crushing and screening plant, materials storage compound, maintenance workshop, testing laboratory and material stockpile area
Minor Ancillary Facility	A temporary facility for Construction of the CSSI such as lunch sheds, office sheds, portable toilet facilities, and the like.
Sensitive Receiver	Includes residences, educational institutions (including preschools, schools, universities, TAFE colleges), health care facilities (including nursing homes, hospitals), religious facilities (including churches), child care centres and passive recreation areas (including outdoor grounds used for teaching). Receivers that may be considered to be sensitive include commercial premises (including film and television studios, research facilities, entertainment spaces, temporary accommodation such as caravan parks and camping grounds, restaurants, office premises, and retail spaces), and others as identified by the Planning Secretary.
SPIR	The Submissions and Preferred Infrastructure Report submitted to the Planning Secretary under section 5.17 of the EP&A Act which describes any amendments to the EIS and the project for which approval is sought.
Waterway	For the purpose of this assessment a waterway refers to any water stream that is identified as a third order stream or higher, according with the Strahler system, and not classified as a “minor stream” as defined in the <i>Water Management Regulation 2018</i> .

Section A – Type and Location

Question	Circle Y/N and follow instruction
A1. Is the facility identified by description and location in the documents listed in CoA A1 of the Planning Approval (EIS or documents as amended)?	Yes – No need to proceed with the assessment. AF can be used whenever CEMP, Sub-Plans and associated documentation have been approved. No – Proceed to A2.
A2. Is the facility classified as minor ancillary facility?	Yes – Proceed to Section D No – Proceed to Section B

Question	Circle Y/N and follow instruction
Note: Refer to the definition of Minor Ancillary Facility.	

Section B – Assessment Criteria for Ancillary Facilities

This section aims to assess the proposed ancillary facility against criteria defined in CoA A16.

Answer the questions following the instructions. For each question provide details in the *Comments* column.

Question	Circle Y/N and follow instruction	Comments / Details
B1. Is it located within the Construction boundary of the CSSI?	Yes – Proceed to B2. No – Proceed to Section C	
B2. Is the facility or respective access road(s) located near a sensitive receiver? Note: refer to definition of sensitive receiver.	Yes – Proceed to Q B2.1 No - Proceed to Q B3.	<i>Provide distance to sensitive receivers</i>
B2.1. Have you obtained acceptance in writing from all landowners and occupiers	Yes – Proceed to Q B3. No - Proceed to Section C	<i>Provide evidence</i>
B3. Are there any impacts on heritage items (including areas of archaeological sensitivity), threatened species, populations or ecological communities?	Yes – Proceed to Section C No - Proceed to B4.	<i>Provide details of assessment conducted, risks arising from the proposed facility and measures to mitigate them.</i>
B4. Can the establishment and use of the facility be carried out and managed within the terms of CSSI 8256, including in relation to environmental, social and economic impacts?	Yes – Issue for ER endorsement No - Proceed to Section C	<i>Provide details of assessment conducted, risks arising from the proposed facility and measures to mitigate them.</i>

Section C – Ancillary Facilities that do not meet CoA A16

This section aims to review environmental impacts of proposed Ancillary Facilities as defined by CoA A16. This is required for Ancillary Facilities that do not meet the criteria in Section B.

Answer all the questions providing details in the *Comments* column. Any supporting information should be attached in the Appendices.

Question	Y/N	Comments / Mitigation Measures
C1. Is the site more than 50m from a waterway? Note: refer to definition of waterway.		
C2. Is the site within or adjacent to/contiguous with the CSSI boundary?		
C3. Is there ready access to the road network?		
C4. Does this site minimise the need for heavy vehicle movements in residential areas?		
C5. Is the site located on flat or relatively level land?		
C6. Is the site separated from nearest residences by at least 200 metres (or at least 300 metres for a temporary batching plant)		
C7. Is there any additional vegetation clearing?		
C8. No impact on heritage items (including areas of archaeological sensitivity) beyond those already impacted by CSSI works?		
C9. No unreasonable impact to use of adjacent properties?		
C10. Is the site above the 20-year ARI flood level, unless a contingency plan to manage flooding is prepared and implemented?		
C11. Is there sufficient area for storage of raw materials to minimise deliveries required outside standard construction hours?		
C12. Are there any additional noise and vibration impacts?		
C13. Are there any additional air quality impacts?		

Question	Y/N	Comments / Mitigation Measures
C14. Is site lighting able to be installed in a way that minimises any light spill to the neighbouring properties?		
C15. Are there any additional risks of impacting water quality?		
C16. Are there any additional impacts from waste and spoil management on site?		
C17. Are there additional traffic impacts expected?		
C18. Is the facility located within the rail corridor?		

Section D – Assessment Criteria for Minor Ancillary Facilities

This section aims to assess the proposed Minor Ancillary Facility against criteria defined in CSSI 7400 CoA A18 and CSSI 8256 CoA A19.

Minor ancillary facilities comprising lunch sheds, office sheds, and portable toilet facilities, and the like, must satisfy the following criteria.

For each criterion answer *Yes* or *No* and provide details in the *Comments* column.

Criteria	Criteria Met – Yes or No Circle Yes or No and follow instruction	Comments / Details
D1. The facility will have no greater environmental and amenity impacts than those that can be managed through the implementation of environmental measures detailed in the CEMP?	Yes – Proceed to D2 No – Proceed to Section C (above)	The Minor Ancillary Facility (MAF) will be used for laydown/storage purposes and contain: <ul style="list-style-type: none"> Construction materials storage such as railway track sleepers, concrete pits and barriers Plant items such as elevated work platform (EWP), forklift, hiab, franna and excavator Environmental controls including waste bins, spill kits and sediment bags. Environmental and amenity impacts of the MAF will be minimal or non-existent and can all be managed through the implementation of measures detailed in the CEMP and sub plans (refer to D2 Comments/Details).
D2. The facility has been assessed to have minimal amenity impacts to residents and businesses, after consideration of:	Yes – Proceed to D3 No – Proceed to Section C (above)	Refer to detailed assessment of potential impacts mitigations measures and controls below
D2.1. Compliance with Interim Construction Noise Guidelines?	Yes	Construction noise associated with the MAF will be managed in accordance with SMCSWLWC-SYC-1NL-PM-PLN-000032 Construction Noise & Vibration Management Plan-C2B The MAF will only be used during standard construction hours. MAF activities planned are laydown/storage purposes only: <ul style="list-style-type: none"> Fork lift Light vehicles Heavy vehicle deliveries (one delivery at a time) Hiab/franna crane (occasional) The worst-case noise-generating activities during each work period are: <ul style="list-style-type: none"> Day period: Fork lift, light and heavy vehicles, Hiab crane Evening period: No works required Night period: No works required Noise mitigation measures will include: <ul style="list-style-type: none"> Non-tonal movement alarms on all construction vehicles No unnecessary idling of vehicles

Criteria	Criteria Met – Yes or No Circle Yes or No and follow instruction	Comments / Details															
		<ul style="list-style-type: none"> Regular community notifications <p>The nearest receivers in the vicinity of the MAF are within Noise Catchment Area MDS 04. The predicted noise levels at the nearest receivers have been determined as part of the CNVIS (SMTF-South and Southern Dive) and noise modelling software, Gatewave.</p> <p>The applicable NMLs and predicted noise levels are tabled below.</p> <table border="1"> <thead> <tr> <th colspan="3">Nearest residential receiver</th></tr> </thead> <tbody> <tr> <td colspan="3">128 Unwins Bridge Road, Marrickville NSW</td></tr> <tr> <th colspan="3">NMLs and Predicted Noise Levels (dBA)</th></tr> <tr> <th>Period</th><th>NML¹</th><th>Predicted²</th></tr> <tr> <td>Day standard</td><td>69</td><td>50</td></tr> </tbody> </table> <p>Based on the above, the MAF complies with the ICNG.</p> <p><u>Notes</u></p> <ol style="list-style-type: none"> CNVIS: SMTF-South and Southern Dive Predicted noise levels assessed using the 'Gatewave' Noise Modelling program (data available on request) 	Nearest residential receiver			128 Unwins Bridge Road, Marrickville NSW			NMLs and Predicted Noise Levels (dBA)			Period	NML ¹	Predicted ²	Day standard	69	50
Nearest residential receiver																	
128 Unwins Bridge Road, Marrickville NSW																	
NMLs and Predicted Noise Levels (dBA)																	
Period	NML ¹	Predicted ²															
Day standard	69	50															
D2.2. Traffic and access impacts?	Minimal impact	<p>Construction traffic associated with the MAF will be managed in accordance with SMCSWLWC-SYC-SFC-TF-PLN-003852 Construction Traffic Management Plan for SMTF-South.</p> <p>The proposed MAF is situated within the Sydney Metro construction footprint.</p> <p>No traffic on surrounding public roads (Sydney Steel and Edinburgh Road) will be adversely impacted by the MAF.</p> <p>All construction vehicles will approach the MAF via the existing SMTF-S site. All construction vehicles enter/exit the site via Sydney Steel Road (refer to Figure 3).</p> <p>Most of the construction materials to be stored are already present within the SMTF-S site and will be relocated to the MAF.</p> <p>The use of local streets by construction traffic will therefore be minimal.</p> <p>No construction vehicle parking will be permitted within MAF, as its intended</p>															

Criteria	Criteria Met – Yes or No Circle Yes or No and follow instruction	Comments / Details
		<p>use is for construction material laydown/storage and plant items only.</p> <p>Based on the above, traffic and access impacts are expected to be minimal.</p>
D2.3. Dust and odour impacts?	Minimal impact	<p>Air quality will be managed in accordance with SMCSWLWC-SYC-1NL-PM-PLN-000373 Air Quality Management Sub-Plan C2B.</p> <p>All ground surfaces are sealed.</p> <p>Construction vehicles will access the MAF for loading / unloading of materials. There will be no other operation of construction vehicles or unnecessary idling of vehicles.</p> <p>Based on the above, dust and odour impacts are expected to be minimal.</p>
D2.4. Visual (including light spill) impacts?	Minimal Impact	<p>Visual amenity will be managed in accordance with SMCSWLWC-SYC-1NL-PM-PLN-000376 Visual Amenity Management Sub-Plan C2B.</p> <p>The MAF will be maintained in a clean and tidy manner, and no items will be overhanging or outside of the bridge structure.</p> <p>No artificial lighting will be required with all works scheduled during day-time hours.</p> <p>Based on the above, visual impacts are expected to be minimal.</p>
D3. Are impacts minor with respect to waste management and flooding?	<p>Yes – Proceed to D4</p> <p>No – Proceed to Section C (above)</p>	<p>Waste will be managed in accordance with SMCSWLWC-SYC-1NL-PM-PLN-000374 Waste, Recycling and Spoil Management Plan C2B.</p> <p>Waste management impacts will be minor within the MAF, given its intended use for construction material laydown/storage.</p> <p>Stormwater will be managed in accordance with SMCSWLWC-SYC-1NL-PM-PLN-000372 Soil, Water and Groundwater Management Sub-Plan C2B.</p> <p>Stormwater run-off from the MAF area will enter Sydenham Pit stormwater catchment through passive sediment controls.</p> <p>The MAF is an elevated bridge structure across the Sydenham Pit, with no risk of flooding.</p>
D4. No impacts on biodiversity, soil and water, and heritage?	<p>Yes – Can be endorsed by the ER</p> <p>No – Proceed to Section C (above)</p>	<p>Flora and fauna will be managed in accordance with SMCSWLWC-SYC-CSW-EM-PLN-002579 Flora, Fauna and Biodiversity Management Sub-Plan - C2B.</p>



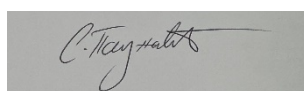

Criteria	Criteria Met – Yes or No Circle Yes or No and follow instruction	Comments / Details
		<p>There is no flora present within the MAF. Birds may be present within the MAF occasionally but will not be impacted.</p> <p>Soil and water will be managed in accordance with SMCSWLWC-SYC-1NL-PM-PLN-000372 Soil, Water and Groundwater Management Sub-Plan C2B.</p> <p>The ground surface of the MAF area is sealed. There is no exposed earth.</p> <p>Stormwater run-off from the MAF area will enter Sydenham Pit stormwater catchment.</p> <p>There will be no materials present in the MAF which could result in sediment run-off.</p> <p>Heritage will be managed in accordance with SMCSWLWC-SYC-1NL-PM-PLN-000375 Heritage Management Sub-Plan C2B.</p> <p>The heritage listed Sydenham Pit and Pumphouse which the MAF (bridge) crosses will not be impacted.</p> <p>Based on the above there will be no impacts on biodiversity, soil, water or heritage.</p>

Section E - Assessment Outcomes


Site will require (based on the assessment results):

<input type="checkbox"/>	Further technical assessments (i.e. noise, heritage, ecology)
<input checked="" type="checkbox"/>	ER Endorsement / Approval
<input type="checkbox"/>	DPIE Approval (Formal Submission via SM) – Note lead time for approval
<input checked="" type="checkbox"/>	Site(s) adjacent to sensitive receivers - boundary screening required as defined under CoA A19. This must minimise visual, noise and air quality impacts on adjacent sensitive receivers (A20).

Systems Connect Internal Sign off

	Team member proposing the facility	Environmental Manager	Community Manager	Project Manager
Name:	Tristan McCormick	Mathew Billings	Svetlana Paunovic	Luke Wagstaffe
Signature:				
Date:	25/11/2021	25/11/2021	25/11/2021	25/11/2021
Comments:				

Environmental Representative Endorsement Sign off (where required)

Environmental Representative	
Name:	Swathi Gowda
Signature:	
Date:	25/11/2021
Comments:	

Sydney Metro Acknowledgment and DPIE Approval (where required)

Acknowledgment of Application by Sydney Metro		DPIE Approval
Name:		(attach approval)
Signature:		
Date:		
Comments:		

Appendix 1

Figure 1: Site Location Diagrams

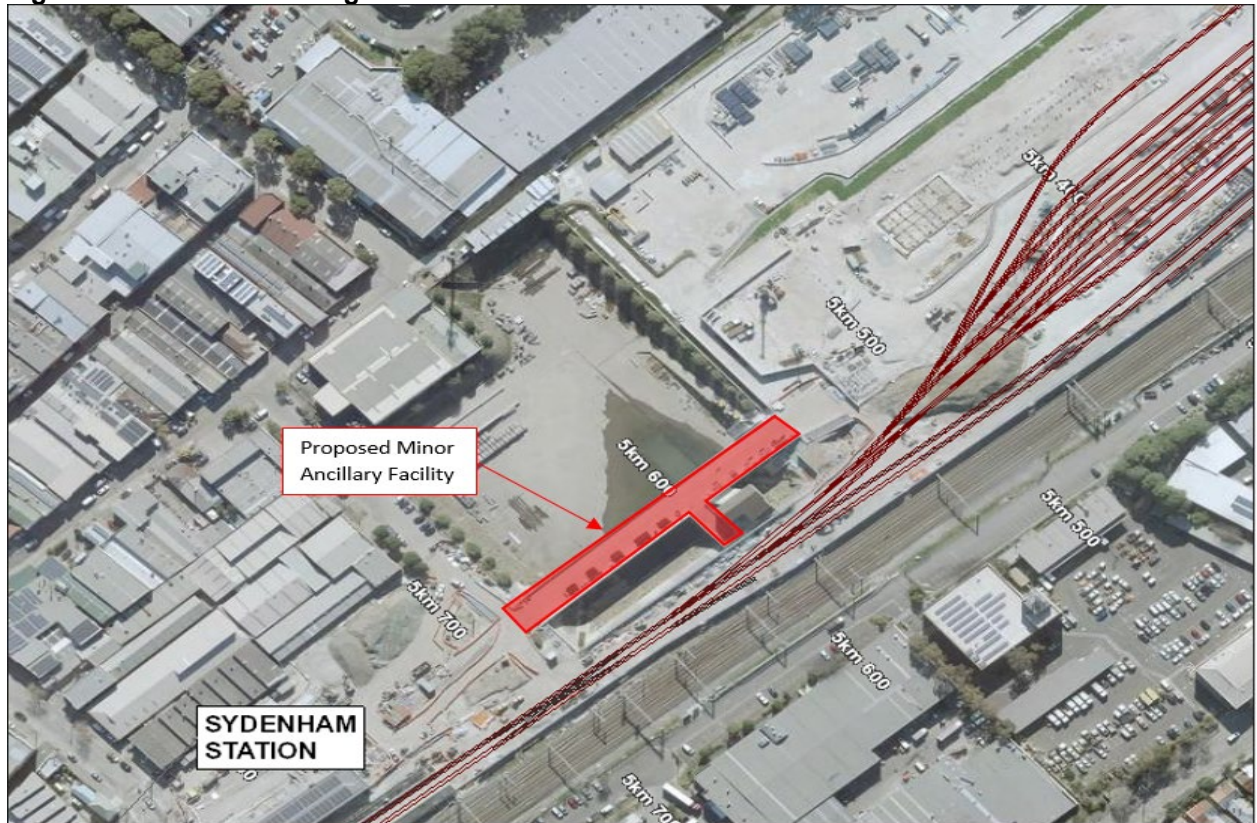


Figure 2: Minor Ancillary Facility Site Photos

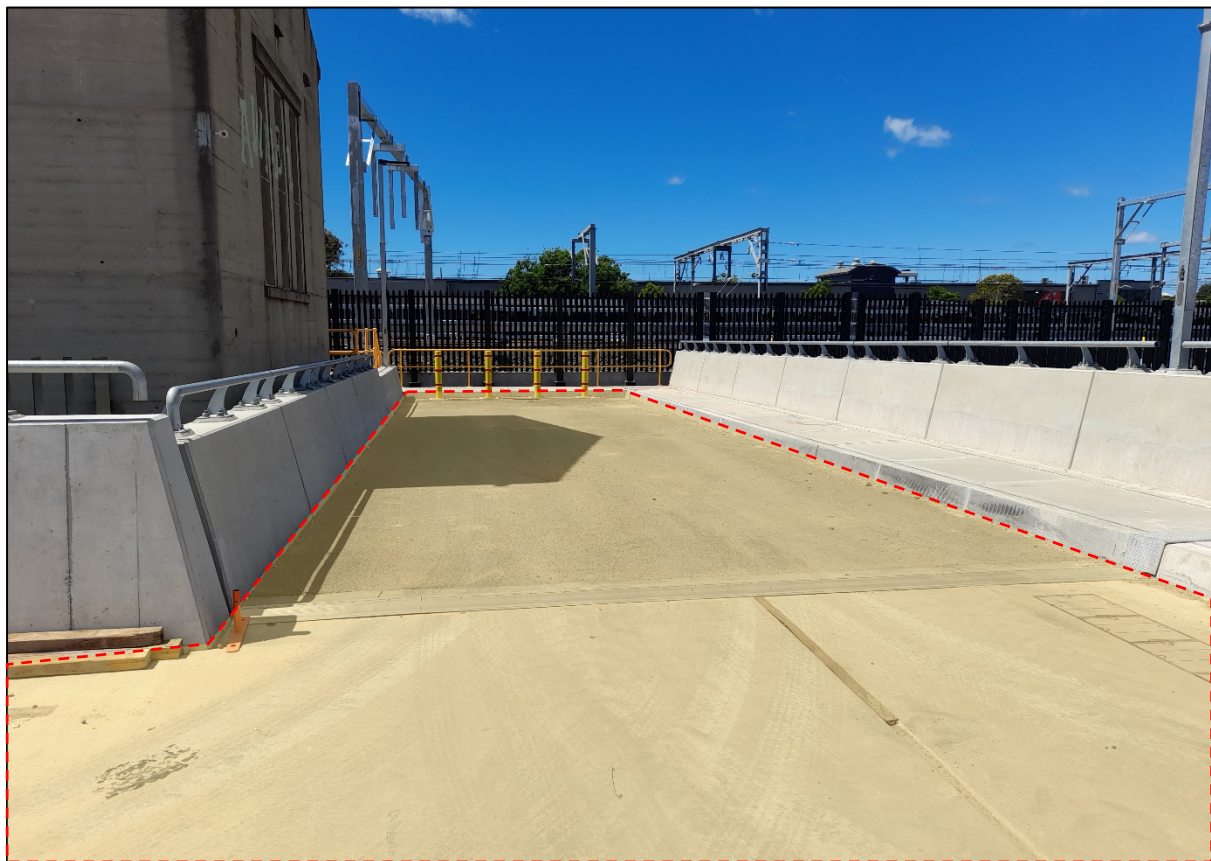
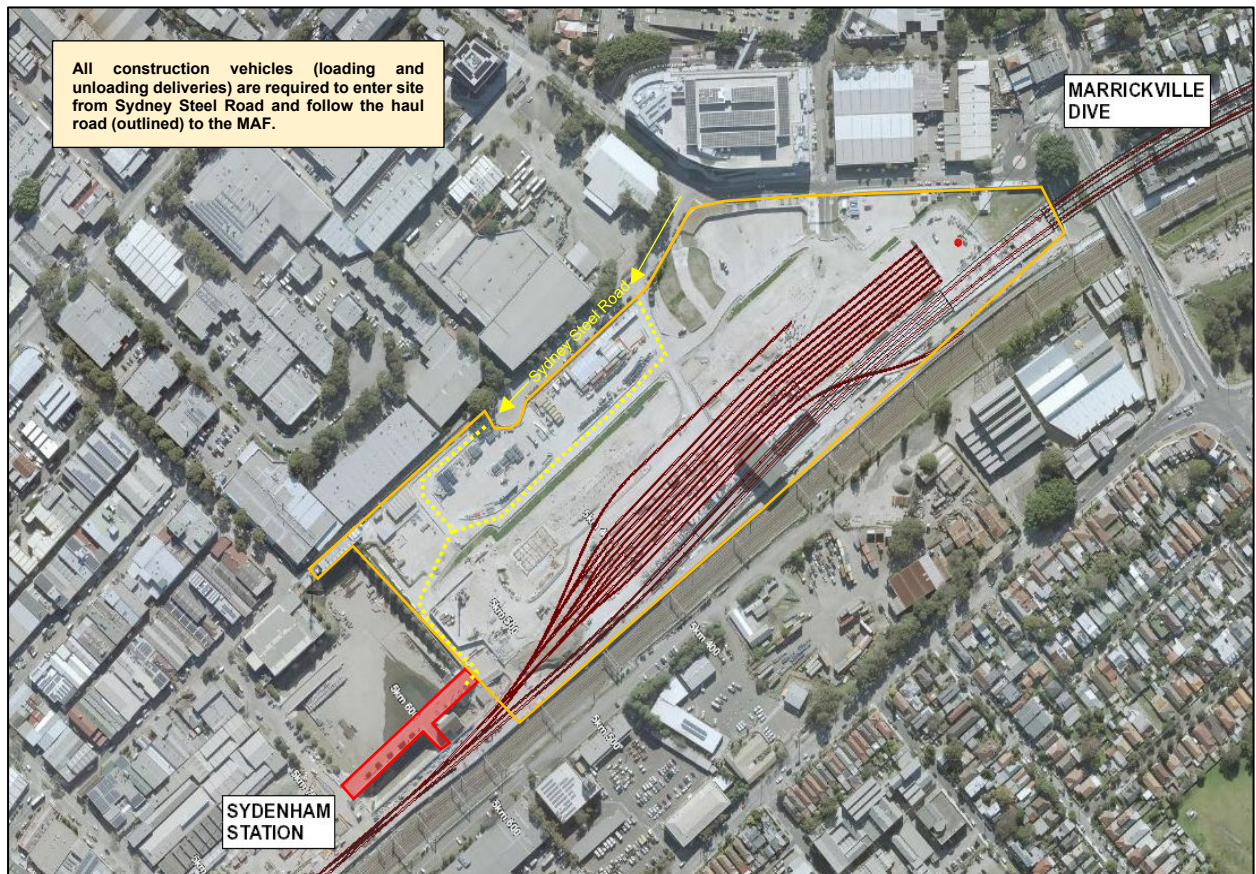


Figure 3: Minor Ancillary Facility Access and Departure Diagram



Appendix 2


Flood modelling data



Not applicable


Appendix 3


Evidence of landowner consent

RE: SMTF-South Premises Addition Outside of Project Footprint



Christian Berg <Chris.Berg@transport.nsw.gov.au>
To:  McCormick, Tristan
Cc:  Julia Diamond

 Follow up. Start by Thursday, 21 October 2021. Due by Thursday, 21 October 2021.
You forwarded this message on 22/10/2021 2:35 PM.

 Reply

CAUTION: This email originated from outside of the Organisation.

Hi Tristan

We have checked the EIS and this area is not included in the project footprint.

Since you are proposing to use this area for laydown/storage purposes, it is our preference to comply with Condition A18 for minor ancillary facilities.


Please let me know if you have any further questions.

Regards

Chris

Hi Chris,

Following our conversation yesterday regarding premises at SMTF-South. The highlighted yellow area seen below represents SSJ premises in which they have now completed.






The area is situated outside of SCLWW project boundary. However, Line-Wide are seeking to acquire that premises purely for laydown/storage purposes. I'm told the area would store sleepers (track materials) and potentially some plant items. There are no work activities to be undertaken within this area.

Can you please confirm the what is required for this to be approved?

Regards

Tristan McCormick
Environmental Coordinator - Systems Connect
Sydney Metro City & Southwest Line-wide Works

Appendix 4

Evidence of DPIE approval (where required)