

Mr Rob Sherry
Team Leader Compliance – Government Projects
Department of Planning Industry and Environment
Locked Bag 5022
PARRAMATTA NSW 2124

7 August 2022
Ref: 170108-ER_DPE Jul 2022

Dear Rob

RE: Sydney Metro City & South West – ER Monthly Reports for July 2022

Healthy Buildings International (HBI) submits this report to the Secretary in accordance with:

- Condition A24 (l) of the Sydney Metro City & South West Chatswood to Sydenham CSSI 15_7400 Approval (9 January 2017) and associated modifications MOD1_Victoria Cross and Artarmon (18 October 2017), MOD2_Central Walk (21 December 2017), MOD4_Sydenham Station and Metro Facility South (13 December 2017), MOD3_Martin Place Metro Station (22 March 2018), MOD5_Blues Point Acoustic Shed (2 November 2018), MOD6_Administrative Changes (21 February 2019), MOD7_Administrative Changes (29 June 2020), MOD8_Blues Point Access Site (25 November 2020), and MOD9_Extension to Standard Construction Hours (30 June 2022); and
- Condition A26 (j) of the Sydney Metro Sydenham to Bankstown Upgrade SSI_8256 Approval (12 December 2018) and associated modifications MOD1_Bankstown Station.

The attached summaries detail the key activities undertaken by Environmental Representatives for Sydney Metro – City and South West Chatswood to Sydenham for the month of **July 2022**.

Yours sincerely

Jo Robertson
Environmental Representative

Cc: Sydney Metro: Carolyn Riley, Fil Cerone, Ben Armstrong, Dylan Jones, Ann Paterson, Julia Diamond, Candice Somerville
AA: Available on Sydney Metro Website
Contractors: Available to Contractors on Sydney Metro Website
DPIE Compliance: Portal
DPIE Post Approvals: Available on Sydney Metro Website



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1. Central Station

Project Approval	Contract Package	Environmental Representative/s
SSI 7400 (C2S)	Central Station	Michael Woolley
Key Construction Activities During the Period		
<p>Works conducted during the reporting period included:</p> <ul style="list-style-type: none"> ▪ Metro Box – Ongoing construction activities for the Chillers and Ventilation Building. Fit out of platform Canopies ongoing. Installation of skylight panels in Platform 14. Fit out of the Platform and other levels. Various FRP works for platform edges. Installation of escalators and fit out within the various levels. FRP for traffic deck including works to close in the last mole hole. Excavation of spoil; stormwater works in and around the former gasworks area. ▪ Central Walk – Ongoing installation of new escalators and final panels around the new escalators. Other fit out activities. Works within hoarded work zones on suburban Platforms 16-23 and platform surface excavation during rail possession weekends. Excavation of spoil from some escalator access points on northern side of Central Walk for platforms 16-19. ▪ Sydney Yard – Small capacity WTP operating to treat surface waters with other water largely directed to Marrickville – subject to capacity restraints there. Water pumped from the Track slabs via various tanks to the WTP. Truck access; laydown; stockpiling and loading out of spoil. ▪ Northern Concourse – Ongoing works at intersection of Northern Concourse and Metro Box area. Facia panels under the TCAC building being placed on the concrete beam. ▪ Eastern Entrance –Ongoing fit out and general construction activities. Plans to do fit out works 24/7. Linewise works in Randle Lane. Stormwater works in front of building completed. ▪ Devonshire Street Tunnel - In operation and used by commuters. ▪ CSR works Rail Institute – Bitumen resurfacing of impacted areas from the CSR works completed. ▪ ESR Concourse - Ongoing use of the area for laydown and construction support. Fit out and other construction activities ongoing. ▪ Ghost Platforms (above ESR Platforms 24-25) - Ongoing electrical and other fit out. 		
Key Construction Activities Look Ahead		
<ul style="list-style-type: none"> ▪ Ongoing activities as described above 		
ER Inspections		
<p>There were two ER inspections conducted during the reporting period on 6th and 20th July. Issues raised during these inspections included:</p> <ul style="list-style-type: none"> ▪ Noise Blankets not well fixed at the Dental Hospital ▪ Water contained in banded pallets ▪ ERSED Management at Sydney Yard ▪ Secondary containment for fuels and chemicals ▪ Spill kit management <p>LOR were generally responsive to closing out actions raised during inspections.</p>		



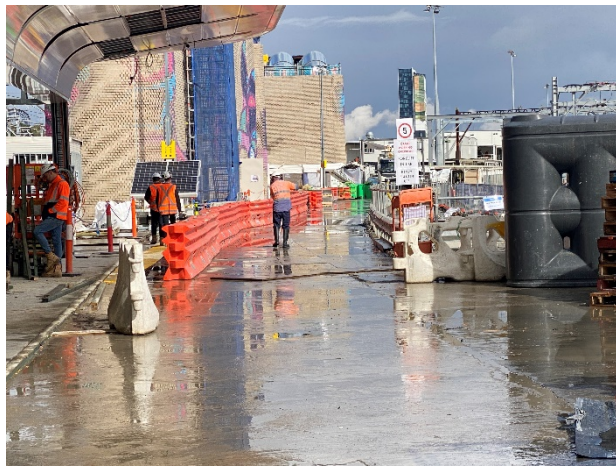
Photos



Last Mole Hole in Traffic Deck – air ventilation removed



View of the Eastern Entrance from Randle Lane



Platform 14 and Ventilation Building in background



Canopy on Platform 14



Temporary Ventilation fans on top of the ventilation building



View from top of the Ventilation Building

Endorsed Document/s

- Sydney Metro City & Southwest- Central Station Main Works (CSMW) – Construction Biodiversity Management Plan Rev 10 (Administration amendments only)

Non-compliance/ Incidents or Repeat Complaints

Sydney Metro has been providing summaries of complaints to DPE daily as well as to the ER.



<p>Two complaints were reported to have been received during July: one related to breakfast not being included during a respite (Alternative Accommodation) offer; the other related to closure of the bike path on Chalmers Street during stormwater works.</p> <p>No Incidents were reported that would trigger reporting under Condition A41 and no non-compliant events were reported or observed by the ER.</p>
<p>Audits</p> <p>There were no audits conducted during the reporting period.</p>
<p>Looking Forward – Core Focus Areas</p> <ul style="list-style-type: none"> ▪ Water Management ▪ Heritage Reporting

2. SSJ

Project Approval	Contract Package	EPL	Environmental Representative/s
SSI 7400 (C2S)	Sydenham Station and Junction (SSJ)	#21147	Jo Heltborg
Key Construction Activities During the Period			
<ul style="list-style-type: none"> ▪ Fraser Park Ancillary Facility: Plans for handover to the Portuguese Club remain under discussion ▪ Geotechnical Area: Area removed from JHLOR PC. Completion of gate on hold due to design ▪ Main Site (11 Sydenham Road): Minor defect work ongoing ▪ Sydenham Station: Sydney Metro screen door installation completed by TSOM. JHLOR station works complete. PC handed over to Linewide ▪ Secondary Plaza: TSOM site compound demobilised and in temporary use as a car park ▪ Sydenham Pit and Pumping Station: Formal handover to Sydney Water complete (awaiting records) ▪ Way Street Laydown Areas: Materials removal ongoing for transfer to JHLOR Southwest Metro Corridor (SMC) and Bankstown Additional Corridor (BAC) Works ▪ XPT Laydown: Stockpiles and slurry bins removed. Site validation complete. Handed over to XPT (awaiting records) ▪ Carrington Road Laydown: Spoil load-out to Gateway project complete. Some materials, including a stockpile of DGB and concrete barriers remained, and stabilisation required. Handover process to be formalised (either to SMC_BAC or Sydney Water) ▪ Bedwin Road: Fencing complete. Handed over to Linewide. Bedwin Road Bridge awaiting formal handover to Council, including graffiti removal ▪ All areas Up-track of the Geotech have been removed from the John Holland Laing O'Rourke (JHLOR) Environmental Protection Licence (EPL) Premise Maps. 			
Key Construction Activities Look Ahead			
<ul style="list-style-type: none"> ▪ Geotechnical Area: Final gate design and installation ▪ Way Street & XPT Laydown Areas: Preparation for formal handover to XPT, Sydney Trains, or further use for SMC_BAC ▪ Carrington Road Laydown: Spoil load-out to Gateway ongoing prior to handover to Sydney Water, or further use for SMC_BAC ▪ Ongoing defect work ▪ October – diamond crossover (stabling tracks) on Gleeson Street scheduled for October 2022 ▪ Award of additional scope, including buffer stops at Sydenham Station pending confirmation. 			
ER Inspections			
<p>There were no ER inspections conducted by the ER in July 2022.</p> <p>The following actions remain open from previous ER inspections:</p> <ul style="list-style-type: none"> ▪ Bedwin Road: Graffiti remains on Bedwin Road bridge; pending removal in accordance with the Visual Amenity Management Plan (VAMP). ▪ Sydenham Pit Confluence Area: Graffiti remains on the Sydenham Pit confluence structure; pending removal in accordance with the VAMP. Outcome pending formal handover to Sydney Water. 			
Photos			
<ul style="list-style-type: none"> ▪ Nil 			
Endorsed Document/s			
<ul style="list-style-type: none"> ▪ Sydney_Metro_Upcoming_Compliances_SSJ_Q1-2022_Rev01_ER, 12/7/2022 			
Non-compliance/ Incidents or Repeat Complaints			



Sydney Metro has been providing summaries of complaints to The Department of Planning and Environment (DPE) daily and a summary to the ER. Responses to each complaint have been noted in each complaint report, with follow-up actions often defined in revised reports. Key or repeat items of note are discussed below for SSJ.

- The ER is not aware of any non-compliances for SSJ during the period.
- There were no incidents for SSJ reported to the ER under conditions A41 of SSI 7400.
- There were no minor Class 3 environmental incidents reported to the ER during the period.
- The ER is not aware of any complaints during July 2022 that could be attributed to the SSJ works.

Audits

No ER involvement in audit activity including Independent Environmental Audits.



Summary of Environmental Performance
The scope of works conducted during the reporting period was small and low risk. The project is winding down with most project scope complete, with mainly defects remaining. The Environmental Representative (ER) is waiting on the completion of all scope and spoil load-out from laydown areas before handover and condition completion is finalised. Some laydown areas may be approved for ongoing use by SMC_BAC, though confirmation is pending.
Looking Forward – Core Focus Areas
<ul style="list-style-type: none"> Completion of selected Conditions of Approval and Revised Environmental Mitigation Measures Completion of the SSJ Compliance Tracking Report (CTR) Q2 2022.

3. Line Wide (Tallawong to Bankstown)

Project Approval	Contract Package	EPL	Environmental Representative/s
SSI 7400 (C2S) SSI 8256 (S2B) SSI 5931 (SMTF)	Line Wide (Tallawong to Bankstown)	#21423 ST #12208 LW	Swathi Gowda (North /South) George Kollias (Alternate ER)

Key Construction Activities During the Period
<p>Key Construction Activities below:</p> <p><u>Northern Hub (Incorporating Chatswood Dive Site, Northern Connection, Hopetoun Ave and Valetta Lane)</u></p> <p>Northern Connection</p> <ul style="list-style-type: none"> Installation of fasteners (Down Line) Drilling and cable tray installation (down track) Formwork for firewalls soon to be ready for pour <p>Blues Point Access Site</p> <ul style="list-style-type: none"> No works reported. Early establishment for landscaping has not yet commenced. Not inspected <p><u>SW Corridor Traction Substation sites - no works to minimal works at time of inspection</u></p> <ul style="list-style-type: none"> Operation of compound and laydown at Belmore Compound Dulwich Hill and Punchbowl TSS - No works at time of inspection Canterbury TSS - Electrical fit out within TSS building Campsie TSS <ul style="list-style-type: none"> Façade installation completed Electrical fit out/testing and commissioning works within TSS building Energisation of TSS scheduled for 8 Aug 22 Lakemba TSS <ul style="list-style-type: none"> Rip- rap drainage completed CSR works commenced and currently paused due to gas main Electrical fit out within TSS buildings <p><u>Canterbury to Campsie BPS</u></p> <ul style="list-style-type: none"> Pat O'Connor (POC) Reserve, Canterbury <ul style="list-style-type: none"> Minor Ancillary Facility (MAF) - demobilised and spray grassed Cable bridge site (Ausgrid side) – batters spray grassed Campsie BPS Joint Bay worksites (Anzac St, Cooks Ave and Gould St) - no works at the time of inspection. SC reports: <ul style="list-style-type: none"> Dewatering works only at Gould St (and South Parade) during Standard Construction Hours, as required. Awaiting further arrival of cables for further works to continue Cable testing/fault finding continuing <p><u>Southern Dive & SMTF South Marrickville:</u></p> <ul style="list-style-type: none"> Maintenance Building – installation of ducting on level 1 Bin Store - installation of structural steel Stabling Yard –track installation and tamping completed Stabling Yard - OHW progressing, ballast profiling, GST install and FRP for footpaths underway Track slab area – slab preparatory works, rail cleaning Southern Dive:



- Services Building – cladding, flashing, cable tray, ducting and solar flame (on roof) installation works
- Transformer Yard – clipping down grates; Switch Rooms – installing lagging, chilled water pipe

Surry Hills BPS works:

- Frog Hollow Reserve – works completed and worksite sprayed
- Belmore St – cable jointing and testing

Key Construction works/activities Look Ahead

Look-ahead of upcoming activities /works:

- Compliance Tracking Report (CTR) - Q2 2022 CTR reporting and review process.
- Blues Point streetscaping/enhancement works during Standard Construction Hours along Blues Point Road and Henry Lawson Avenue – scheduled between Jul 2022 with completion by Q4 2022.
- Surry Hills BPS – Cable jointing, testing and demobilising from Belmore St worksite to be completed by 02 Aug 22.
- Surry Hills PBS - Cable pulling, jointing and testing works - Randle Ln Surry Hills to complete the power supply upgrade work in Surry Hills largely during standard construction hours and some OOH works.
- Canterbury to Campsie BPS works – HV cable testing and planned progressive demobilisation of worksites from 11th August, pending new HV cable arrival and associated works
- OOHW Canterbury to Campsie BPS Joint Bay dewatering works (contingency OOHW for dewatering, dependant on wet weather) – extended with anticipated completion in mid-August 2022.

ER Inspections

There were three ER inspections conducted by the ER in July 2022 (12/07/22, 21/07/22 and 26/07/22). Key new issues and actions raised are summarised below, with actions either closed out/ in the process of being closed out by SC:

Northern Hub and Artarmon TSS - ER Inspection #117 - 12/07/22 (Tuesday); rain 8.8mm (previous 24 hours since 9am):

- No new issues raised.

SW Corridor Traction Substation sites. ER Inspection #118 – 21/07/22 (Tuesday)

Dulwich Hill TSS

- Material laydown area - general tidy up/removal of waste to be undertaken.

Canterbury TSS

- Construction material laydown area (Hutton St) - Some loose material near skip bin to be tidied up/removed.
- Discussed site access/egress (Hutton St) and maintenance to remove some sediment accumulated around coir logs. Replacement/refreshing of geofabric near access gate recently disturbed by plant and minor maintenance to re-install section of sediment fence. Tidy-up commenced and observed during the ER Inspection.

Lakemba TSS

- Discussed housekeeping in area with SC (disposal/removal of redundant sediment fence post drainage works) and re-attachment of shade cloth on ATF.

Belmore St Compound

- Site access/egress (the Boulevard) – steel plate was observed to have shifted and some maintenance/re-installation required at access gate. Action raised for SC to address.

Southern Dive, SMTF South, BPS works and Barangaroo Shaft: ER Inspection #119 - SMTF S and BPS works (Campsie and Surry Hills) - 26/07/22 (Tuesday); Rain - previous 72 hours – 14.8mm (23/07); 3.4mm (24/07); 0.2mm (25/07)**Surry Hills BPS Works**

- Surry Hills BPS works – Frog Hollow Reserve – works completed and worksite sprayed with polymer, which was observed to be impacted by recent wet weather. Evidence of scouring observed in lower section; with sediment noted near controls established at worksite and around controls within gutter near worksite. Discussion held on-site regarding removal of sediment around controls near worksite, along gutter and additional controls to be implemented to manage ERSED risk. SC to investigate and implement further stabilisation options. Action raised for SC to address.



Photos



Pat O' Connor Reserve - Cable Bridge Site (Ausgrid side): Batter recently spray-grassed; some green growth observed on batter.



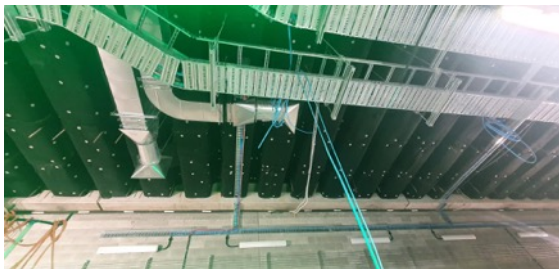
Anzac St – Joint Bay worksite (BPS works) - Anzac St Joint Bay backfilled.



Southern Dive - Services Building: Cladding installed on section of Services Building; with steel installed for cladding installation on exterior of building.



Southern Dive - Fan room: Noise dampeners pending installation in the Fan Room.





Southern Dive: Level B3 – Acoustic lining installed on ceiling.



Surry Hills BPS works – Belmore St worksite: Second cable jointing works underway



SMTF S – Stabling Yard: track installation and tamping works completed. OHW works progressing.



Dulwich Hill TSS: Modular buildings delivered and installed.



Campsie TSS: Concrete panel installation completed on TSS façade. TSS scheduled to be energised in August 2022.



Northern Hub: Yard observed to be clean and tidy.





<p>Dive structure within acoustic shed: Image shows dive structure view from within acoustic shed</p>	<p>Northern Connection: Formwork in place for pour of fire walls in tunnel</p>
<p>Endorsed Document/s</p>	
<ul style="list-style-type: none"> ▪ CTR Q1 2022 Rev C ▪ Final Consistency Assessment - Blues Point Restoration and Streetscaping – Ver 3 ▪ OOHW-215 - Campsie BPS Joint Bay Dewatering – Rev 07 ▪ OOHW-216 - Campsie BPS Traffic Control and Joint Bay Dewatering on South Parade – Rev 04 ▪ OOHW-228 - Dulwich Hill TSS - Building Delivery and Civil Works July 2022 – Rev 01 ▪ OOHW-226 - Surry Hills BPS Belmore Street Joint Bay Rev 02 ▪ OOHW-233 - Dulwich Hill TSS Crane Lifts and Civil Works WE07-WE08 ▪ OOHW-234 - Punchbowl and Lakemba TSS CSR WE07-WE08\p 	
<p>Non-compliance/ Incidents or Repeat Complaints</p>	
<p>Sydney Metro has been providing summaries of complaints to DPIE daily and a summary to the ER. Responses to each complaint have been noted in each complaint report, with follow up actions often defined in revised reports. Key or repeat items of note are discussed below for the respective projects.</p>	
<p>No non-compliances reported to the ER in this reporting period. There were no incidents for Line Wide reported to the ER under conditions A41 to A44 of SSI 7400 or A36 of SSI 8256.</p>	
<p>One minor incident (Class 3 events) reported to the ER, for this reporting period refer below:</p>	
<ul style="list-style-type: none"> ▪ 08/07/22 - Dulwich Hill TSS (Class 3): While being driven to the collection point in the site driveway, an EWP developed a minor hydraulic oil leak (<5 L) onto a sealed road surface. EWP stopped and spill kit deployed. Leak contained on the road surface and cleaned up. 	
<p>Complaints during this reporting period are summarised below:</p>	
<ul style="list-style-type: none"> ▪ 15/07/22 - Marrickville Dive Site and SMTFS - Worker behaviour - allegation is that complainant was catcalled by two workers who appeared to leave the SMTF South Site. Minimal detail from complainant to confirm if workers were from SMTF South site. ▪ 15/07/22 - Surry Hills power upgrade - Notification of work; Transport & Parking; Worker behaviour - complainant expressed concerns regarding the on-going works on Belmore St, that parking has been difficult for residents due to works and questioned the work methodology. Resident stated he had received no communication from SM with regards to updates with the on-going works. ▪ 22/07/22 - Surry Hills power upgrade (LWW) - Notification of work, Traffic, Transport & Parking - Resident responded to the weekly email sent out by SC Stakeholder Manager, expressing concerns regarding the on-going works on Belmore Street and that due to the works, parking has been difficult for residents. For above Surry Hills complaints - SC's close out response to complainants included explanation that due to unplanned wet weather, delays in works have resulted to ensure the cables and ground is dry enough to undertake works. ▪ 27/07/22 – Blues Point - noise and vibration (Std Hours), respite and AA - complain about the on-going loud hammering noise emanating from works at Blues Point. Resident stated that the issue caused major disturbance and was unable to sleep as he is a paramedic doctor working irregular shifts. He was also not happy that no AA was offered or respite from the works. He requested for more information regarding the works, duration and when the works will conclude. ▪ 27/07/22 – Blues Point – access - Resident sent a follow up email after initial enquiry into beach access being reinstated at Blues Point. 	
<p>Complaints during this reporting period unrelated to SM activities:</p>	
<ul style="list-style-type: none"> ▪ 21/07/22 - Chatswood Dive site (two complaints) - Noise and vibration OOHW; Notification of work (not related to Sydney Metro) - Residents emailed about (loud) noise coming from the rail corridor. SC Stakeholder Manager confirmed and emailed the residents advising the works in the area were not related to SC and provided the relevant information about known Sydney Trains works in the area. 	
<p>Audits</p>	
<ul style="list-style-type: none"> ▪ Nil this reporting period 	
<p>ER Closing Comments and Looking Forward</p>	
<ul style="list-style-type: none"> ▪ No Line wide related complaints from the mid-year shutdown possession between 2-14 July 2022 (Southwest Corridor works). ▪ No OOHW noise complaints in July. Two complaints noted for Surry Hills BPS works (Belmore St worksite) in July regarding ongoing works, work update and parking difficulties at Belmore St. Works are scheduled to be completed including demobilisation from the Belmore St worksite by 02 Aug 22. 	



- Current works at LWW sites continue to be managed appropriately; ER Inspections across this month continued to identify generally minor actions and improvements.
- Overall, the Project performed well in the reporting period. The Project Team continue to be responsive to queries/comments raised in document reviews and recommendations made by the ER.

- Looking forward:
- Blues Point streetscaping/enhancement works during Standard Construction Hours along Blues Point Road and Henry Lawson Avenue – scheduled between Jul 2022 with completion by Q4 2022.
 - Cable pulling, jointing and testing works - Randle Ln Surry Hills to complete the power supply upgrade work in Surry Hills largely during standard construction hours and some OOH works.
 - Canterbury to Campsie BPS works – HV cable testing and planned progressive demobilisation of worksites from 11 August, pending new HV cable arrival and associated works.
 - OOHW Canterbury to Campsie BPS Joint Bay dewatering works (contingency OOHW for dewatering, dependant on wet weather) – extended with anticipated completion in mid-August 2022. As per the ER’s OOHWA condition, SC is required to provide a weekly progress report of any OOHW for dewatering. To date SC has reported no OOHW undertaken for dewatering. Continue to monitor actual OOHWs undertaken in August through weekly progress report updates from SC to the ER.

4. Train Service Operation and Maintenance (TSOM)

Project Approval	Contract Package	Environmental Representative/s
SSI 7400 (C2S) SSI 8256 (S2B) SSI 5931 (SMTF)	Train Service Operation and Maintenance (TSOM)	Swathi Gowda (North /South) George Kollias (Alternate ER)
Key Construction Activities During the Period (July 22)		
<ul style="list-style-type: none"> ▪ SMTF-North: Dynamic train testing between SMTF North and Chatswood ▪ SMTF-South: Cable tray, cables and cabinet installation in Administration Building ▪ Southwest Substations: Installation of radio mast at Campsie and Punchbowl (Aug 2022 - TBC pending industrial action) ▪ Southwest Corridor: Inspections (Aug 2022 - TBC pending industrial action) ▪ Northern Corridor: Cable pulling and termination at Chatswood Station ▪ Artarmon Substation: Testing and commissioning ▪ Tunnels: Ongoing installation of cables and trackside equipment in tunnels, Cross Passages (XPs) and 5G Installation <p>Stations</p> <ul style="list-style-type: none"> ▪ Central, Waterloo, Martin Place and Victoria Cross: Platform Screen Doors (PSD), communications equipment and cable installation ▪ Sydenham: PEB installation, finishing work; testing and commissioning of communications equipment ongoing. ▪ Crows Nest: Cable containment, equipment/cabinet installation and cabling. Inspections of equipment rooms. ▪ Barangaroo: Installation of cable containment and signalling equipment. ▪ Pitt Street: Installation of PSDs, cables and fit out of communications rooms. 		
Key Construction Activities Look Ahead – August 2022		
<ul style="list-style-type: none"> ▪ SMTF-North: Dynamic train testing between SMTF North and Chatswood ▪ SMTF-South: Cable tray, cables and cabinet installation in Administration Building ▪ Southwest Substations: Installation of radio mast at Campsie and Bankstown Substations ▪ Southwest Corridor: <ul style="list-style-type: none"> ○ Inspections and survey ○ Installation of signalling equipment between Sydenham and Punchbowl ▪ Northern Corridor: Cable pulling and termination at Chatswood Station (days and nights – 6 to 8 August) ▪ Tunnels: Ongoing installation of cables and trackside equipment in tunnels, XPs and 5G Installation <p>Stations</p> <ul style="list-style-type: none"> ▪ Central, Waterloo, Martin Place, Victoria Cross, Crows Nest, Pitt Street and Barangaroo: Installation of PSDs, communications and signalling equipment and cables ▪ Sydenham: PEB defect work. Testing and commissioning of PEBs and communications equipment. 		
ER Inspections		
<ul style="list-style-type: none"> ▪ No ER inspections conducted in July. 		
Photos		



▪ N/A
Endorsed Document/s
▪ Nil
Non-compliance/ Incidents or Repeat Complaints
Sydney Metro has been providing summaries of complaints to DPIE daily and a summary to the ER. Responses to each complaint have been noted in each complaint report, with follow up actions often defined in revised reports. Key or repeat items of note are discussed below for the respective projects.
▪ The ER is not aware of any complaints or non-compliances. There were no incidents for TSOM reported to the ER under conditions A41 to A44 of SSI 7400 or A36 of SSI 8256.
Audits
▪ No audits proposed
Looking Forward – Core Focus Areas
Nil



5. ISDs

Project Approval	Contract Package	Environmental Representative/s
SSI 7400 (C2S) (Does not include associated SSDs)	Martin Place ISD Macquarie Bank/Lend Lease	Michael Woolley / Rui Henriques
	Victoria Cross ISD (VC-ISD) - Lend Lease	Swathi Gowda / Michael Woolley
	Crows Nest ISD – AW Edwards	Rui Henriques / George Kollias
	Pitt Street ISD – CPB Contractors	Rui Henriques / Michael Woolley
	Waterloo ISD – John Holland	Swathi Gowda/Jo Robertson
Key Construction Activities During the Period		
MP-ISD		
<p>Bligh Street:</p> <ul style="list-style-type: none"> Concrete deliveries and pumping. Various other deliveries. Ongoing operation of the Water Treatment Plant (WTP) and discharge of water to stormwater. <p>Martin Place South (MPS)</p> <ul style="list-style-type: none"> Ongoing construction (FRP) of walls; columns, beams and floor slabs up to street level, with jump form above this level. FRP for the slab in Martin Place that will form the pedestrian way of Martin Place. Other general construction activities. Utilities and hoarding works (OOHWs). <p>Martin Place North (MPN)</p> <ul style="list-style-type: none"> Various building work activities ongoing such as FRP for columns; lift shafts; walls; floor slabs and other various items. Various works well above street level (to level 12). Use of site ingress and egress off Elizabeth Street with footpath moved into the site area. <p>Station Caverns and Adits</p> <ul style="list-style-type: none"> Installation of ventilation/exhaust systems Other fit out activities including installation of panelling, services and fire safety systems. Line Wide works in the station caverns – separated from Lend Lease activities. 		
VC-ISD (update from Contractor)		
<p>Construction Activities:</p> <p>North:</p> <ul style="list-style-type: none"> Hoarding works Structural works within shaft, concrete pours/steel fixing/formwork Deliveries <p>Cavern:</p> <ul style="list-style-type: none"> Trackway handed over to Line Wide Blockwork and GRC panels installation Station fit-out <p>South:</p> <ul style="list-style-type: none"> Carpark slab/station slabs concrete pours, steel fixing and formwork Station jumpform Jumpform pours and lifts Waterproofing Blockwork 		
CN-ISD		
<ul style="list-style-type: none"> Waterproofing (patch works), steel fixing and shuttering (Sites A - C) Concrete pumping and pouring (Level 0 pours commenced) B4 OTE and fit out works Services, finishes, and fit out of B5 platform, B4 OTE, B3 plant room. Line Wide fit out works on B6 (Platform) Dewatering the surface water from the site due to heavy rain Clearing material from Hume Street Bridge Girder Deliveries for B1/Level 0 (5 nights over two weeks) Wall pour and jumpform 		



<p>PS-ISD</p> <p>Pitt Street North</p> <ul style="list-style-type: none"> ▪ Level 2 FRP ongoing, close to completion ▪ Capping beam demolition along Park Street – ongoing. ▪ FRP for Level 3 started from the east and west to the centre ▪ OSD high-rise core establishment ▪ Level 04 FRP ▪ Level 01 complete ▪ Over Station Development (OSD) Central Core (kicker) wall reinforcement installation and concrete pours in progress from L02-L03. ▪ Speed Panels (All Basement Levels) ▪ Utilities investigations in surrounding streets nearing completion <p>Pitt Street South</p> <ul style="list-style-type: none"> ▪ Main jump cycle progressed to Cycle 16 & 17 (Level 6) ▪ Level 04 & 05 FRP ▪ Precast Façade Panels Level 03 - 05 ▪ Perimeter Scaffolds Princeton Apartments, The Edinburgh Castle, FRNSW, Pitt Street & Bathurst Street ▪ B1 Blockwork ▪ Speed Panels (All Basement Levels) ▪ Mechanical, Electrical and Plumbing to B4 - 00 ▪ Partitions & Ceilings B4 – 00 ▪ B2 Critical Equipment Deliveries: Mechanical Switchboards, LV Switchboards & HV Switchgear ▪ Utilities investigations in surrounding streets nearing completion <p>Adits and Platform Caverns</p> <ul style="list-style-type: none"> ▪ GRC (lower internal cladding) panel installation ongoing. ▪ Installing cladding subframes above GRC panels ▪ Platform Screen door cladding ▪ Platform Screen door cladding ▪ Services containments install to platforms ▪ Ceiling cladding/ light tubes installation
<p>WL-ISD (update from Contractor)</p> <ul style="list-style-type: none"> ▪ Utilities works ongoing for HV/LV & Sydney Water scope ▪ Ausgrid outage 3 works ongoing ▪ Cranage works from Cope Street South and internal site ongoing ▪ General deliveries ongoing ▪ FRP conducted at surface level, level 1 and 2 ▪ Block work install and fill occurring across B3 and at surface level ▪ Fit out works and service installation across B5 ongoing and beginning at B3 South and concourse level ▪ Electrical cable pulling in the station ▪ Transformer delivery, Level 1 and 2 24 hours pours upcoming ▪ Earthing pit underway on Cope Street ▪ Capping beam removal: <ul style="list-style-type: none"> - portion of Western part removed through hammering. - Southern side has partially been cut
<p>Key Construction/Activities Look Ahead</p>
<p>MP-ISD</p> <ul style="list-style-type: none"> ▪ Activities as described above ongoing. ▪ OOHWs relating to utilities and hoarding and other construction activities. ▪ Planned removal of the temporary pedestrian bridge with pedestrians to walk over the MPS site.



VC-ISD
<ul style="list-style-type: none"> ▪ CTR Q2 2022 review/reporting ▪ Victoria Cross South site – Ongoing OOH (evening & weekend) July – September 2022 ▪ Victoria Cross North site – Ongoing OOH works (evening/ weekend day OOH) - extended for August - September 2022
CN-ISD
<ul style="list-style-type: none"> ▪ Steel fixing and shuttering (Sites A - C). ▪ B4 OTE cladding and fit out ▪ B2 slab FRP and concrete pours ▪ B2 to B1 and ground Perimeter walls FRP and concrete pours ▪ Girder deliveries for B1/Level 0 ▪ B1 FRP ▪ Concrete pumping and pouring from Pacific Highway and Clark Lane North and South ▪ Services, finishes, and fit out of B5 (platform), B4 OTE, B3 and B4 plant rooms. ▪ Blockwork to rooms within Level B3 ▪ Interface- Line Wide works on B6 (below Platform) ▪ Demolition of Hume Street Bridge
PS-ISD
<p>Pitt Street North</p> <ul style="list-style-type: none"> ▪ OSD Central Core Wall reinforcement installation continued ▪ L05 FRP ▪ Shotcreting on Eastern boundary ▪ B1, 00 (Ground Floor) & 01 Blockwork ▪ Concrete Floor on level 3 and 4. ▪ Utilities installation in surrounding streets <p>Pitt Street South</p> <ul style="list-style-type: none"> ▪ Main jump cycle progressed to Cycle 18 ▪ Level 05 & 06 FRP ▪ Precast Façade Panels Level 03 - 06 ▪ Perimeter Scaffolds Princeton Apartments, The Edinburgh Castle, FRNSW, Pitt Street & Bathurst Street ▪ B1, 00 & 01 Blockwork ▪ Speed Panels (All Basement Levels) ▪ MEP (Mechanical Electrical Power) B4 - 00 ▪ Partitions & Ceilings B4 – 00 ▪ Escalator Cladding Structural Steel ▪ Utilities installation in surrounding streets <p>Adits and Platform Caverns</p> <ul style="list-style-type: none"> ▪ GRC install to South Adits ▪ PSD cladding to West Platform ▪ Site accommodation dismantle at South Adit ▪ Aluminium ceiling tube subframes install to East Platform ▪ Services containments install to East & West Platforms ▪ PSD door subframe install to East Platform ▪ Installation of Insulation on the ceiling.
WL-ISD
<ul style="list-style-type: none"> ▪ CTR Q1 2022 review/reporting ▪ Ongoing utility works ongoing in local roads around site, including OOH ▪ Capping beam removal continuing – including Wire Saw methodology investigations during standard hours ▪ Ground Level, Level 1 and Level 2 concreting works, including OOH



ER Inspections
MP-ISD
There was one ER inspection conducted by the ER in July on 29 th July. During the inspection no issues were raised. Site activities are very repetitive and building related works rather than civil works.
VC-ISD
One ER inspection was conducted by the (Alternate) ER on 12 July 2022 (Tuesday) (ER inspections are on a three weekly cycle weather permitting). <ul style="list-style-type: none">One new observation raised by ER on condition of fig tree (VCN -McLaren St); contractor showed and provided a copy of the arborist report to the ER.
CN-ISD
There were two ER inspections on 13 July 2022 and 27 July 2022 respectively (ER inspections are on a fortnightly cycle weather and health permitting). Both inspections were conducted by the ER. The following issues were raised: <ul style="list-style-type: none">AWE to monitor spill mitigation measures implemented during concrete deliveries and pumping through static line.AWE to implement measures to encourage storage of flammable liquid containers in appropriate stores immediately after use.AWE to ensure concrete washout collection basins are covered prior to rain and emptied in a timely mannerHume Street bridge demolition delayed due to inclement weather and being cleared in preparation for demolition starting 1 August.AWE outlined that utilities installation in public domain areas on Clarke St as currently designed would require removal of all trees on Clarke St between Hume St and Oxley St. As the SDPPD states that no trees will be removed the SDPP will require amendment and DPE approval or the design requires modification. Sydney metro to make enquiries with Sydney Metro design team and rectify issue.
PS-ISD
There was one ER inspection on 12 July 2022 (ER inspections are on a three weekly cycle weather and COVID permitting). There were no issues raised during the inspection.
WL-ISD
One ER inspection was conducted by the ER on 21 July 2022 (Thursday) limited to external areas of WL ISD due to rain (ER inspections are on a three weekly cycle weather permitting). Rain (mm) recorded prior to inspection day – 11.6mm and 1.2mm on 20 July 2022 and 19 July 2022. The following new issues were raised: <ul style="list-style-type: none">Cope St compound - JHG to investigate and either install concrete barrier or extend noise blanket to address a gap identified in ATF.Cope St compound - Jerry cans noted without secondary containment to be removed/stored appropriately.Botany Rd (near Wellington St end) - minor graffiti noted on site hoarding to be addressed in accordance with Project VAMP.



Photos

MP-ISD



Martin Place North – from Castlereagh Street north of Hunter Street



Martin Place North – Works well above Level 12 (above the SSI level).



Martin Place– existing pedestrian footpath to be removed, in coming months, closing entrance to the Commonwealth Bank.



Caverns– ongoing fit out works.



Martin Place – Construction of new slab where pedestrians will be directed to once bridge is closed.



Martin Place South – FRP works ongoing



VC-ISD



Victoria Cross North Shaft: Core jumpform noted above ground level and concreting works in progress for slab (1 floor).



Victoria Cross North Yard Area: Observation of noise blankets in place around concrete pump lines (good practice)



Victoria Cross South (VCS): Jump form at VCS. Steel fixing and concrete pours occurring at Level B3



Station Cavern: GRC panel installation /station fit out



Victoria Cross North: Use of internal noise blankets observed.



VCN -McLaren St: Site access/egress on McLaren St was observed to be generally tidy at the time of inspection

CN-ISD



Clarke Lane North MAF – Materials Storage and Mobile crane operations in support of tower cranes



Clarke Lane South – Mobile crane operations in support of tower cranes



Level B2 South: Steel fixing for perimeter walls, with jump form at Level 2.



Site C view west– Capping beam remaining



Site A view Northwest - Concrete slab poured on B/B0 girders over station atrium



Site A view Northwest - Concrete slab poured on B/B0 girders over station atrium



Level B3 Internal walls painting and services installation



Clarke Lane North – Flammable liquid container left on capping beam inside hoarding

PS-ISD



Pitt St South (PSS): Level 5 FRP.



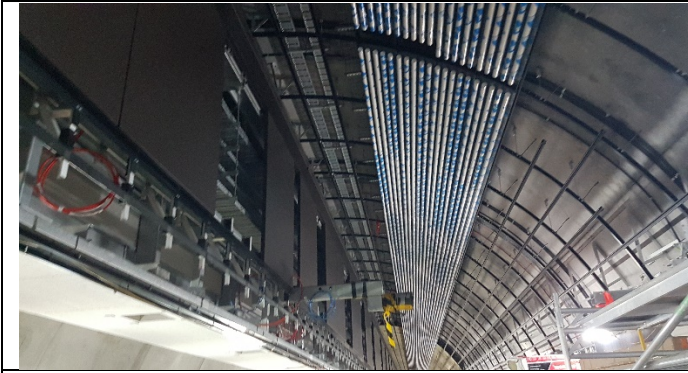
PSS: Core jump form Level 6 completed- into OSD space.



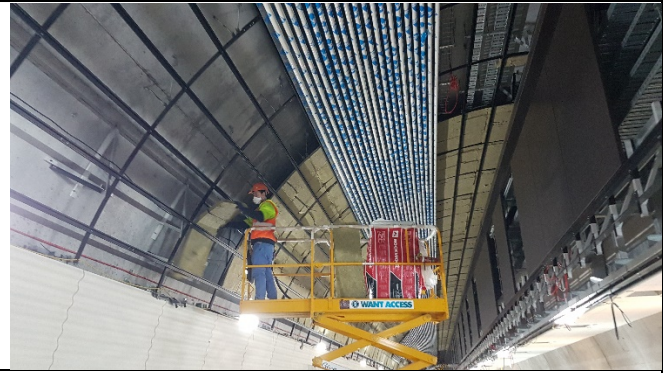
PSS - Ventilation shaft to Level 5 with Level 5 slab FRP underway.



PSS B1 internal walls painted with HVAC penetrations



West Adit: OTE Cladding installation above platform doors



West Adit: Ceiling insulation and cladding installation incorporating light tubes.



Northern Cavern: Services installation.



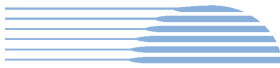
PSN: South-eastern Level 3 Slab completed.



PSN south-eastern side: Central (OSD) kicker wall concrete pours from Level 3



PSN south-western side: Level 5 FRP



WL-ISD	
	
WL ISD: Wellington St - Platform works progressing to facilitate the delivery of transformer.	WL ISD: NDD works in progress on Cope St (Northern end).
	
WL ISD: Acoustic blanket installation around sections of the Above Ground Service Building 1 (Southern)	WL ISD: Acoustic blanket installation around sections of Northern building. View from Cope Street.
Endorsed Document/s	
MP-ISD	
<ul style="list-style-type: none"> OOHW 94 Rev 7: The application extends the previous revision for hoarding adjustments on Elizabeth Street. 	
VC-ISD	
<ul style="list-style-type: none"> OOHWA #15 - North site structures for evenings - August/September Rev 16 OOHWA #20 - North site for weekends - August/September Rev 8 	
CN-ISD (all by ER)	
<ul style="list-style-type: none"> Extension of approval of Clarke Lane minor Ancillary Facility to 1 September 2022 to align with extension to ROL CTR – Q3 and Q4 2021 	
PS-ISD (all by ER)	
<ul style="list-style-type: none"> OOHW 038 – Utilities investigations at both sites (PSS and PSN) extended due to unexpected finds OOHW 040 - Facade Installation - extended to end of August due to weather delays OOHW 041 – Footpath Reinstatement at Pitt Street North OOHW 043 – Utilities Installation to commence in August OOHW 044 – Installation of Tower crane at Pitt Street North 	
WL-ISD	
<ul style="list-style-type: none"> OOHWA #35 Botany Road Crossing Rev C OOHWA #33 OOHW Work (General) May June July 2022 Rev B OOHWA #36 Ausgrid Outage #3_Rev03 OOHWA #42 Wellington St Rev 02 OOHWA #43 - Aug, Sep & Oct 2022 (General) Rev B 	



Complaints / Incidents / Non-compliance
<p>▪ ALL</p> <p>Sydney Metro has been providing summaries of complaints to DPE daily and a summary to the ER. Responses to complaints have been noted in each complaint report, with follow up actions often defined in revised reports. Complaints are discussed where relevant for each package below.</p> <p>There were no incidents for any of the ISDs reported to the ER under conditions A41 to A44 of SSI 7400. Where the ER is aware of minor events and non-compliances, these are as documented below.</p>
<p>MP-ISD</p> <p>There were no complaints reported to have been received by Lendlease during the reporting period. Nil incidents under the MCoA or non-compliances were reported to or observed by the ER during this reporting period.</p>
<p>VC-ISD</p> <p>Nil incidents or non-compliances reported to the ER during this reporting period. One Project related complaint during the reporting period is summarised below:</p> <ul style="list-style-type: none"> ▪ 28/07/22 - CSW - Victoria Cross Station (ISD) - Noise & Vibration – OOHW - Complaint received about works at the North site at approximately 9:30pm earlier that night. Noise on site was described as metal-on-metal banging and a less concerning noise of sawing. Complainant stated that there were flood lights on site, but all (works) finished at about 9:40/9:50pm. OOHW had been notified and further investigation of noise data was undertaken to identify any metal clanging sounds; with further confirmation from Project that no steelwork occurred at the time of complaint. Resident was not on the distribution list and has provided details to be added to the distribution list. <p>Complaints unrelated to SM activities for reporting period:</p> <ul style="list-style-type: none"> ▪ 11/07/22 - Noise & Vibration – OOHW - stakeholder complained regarding a large amount of noise coming from site on Berry Street, North Sydney. Further investigations found that Victoria Cross South site had no works happening at time of the complaint. Works deemed unrelated to VC ISD/Sydney Metro activities.
<p>CN-ISD</p> <p>There were no non-compliances/incidents identified by the ER this period:</p> <p>There was one complaint during the period, relating to noise:</p> <ul style="list-style-type: none"> ▪ 20 July - Stakeholder called at 23:20 regarding excessive noise in close proximity to callers’ property (Pacific Highway). On investigation work had wrapped up on site at 9pm due to rain, and from review of time lapse video it was identified that the work was not related to the site. Stakeholder was contacted immediate after the initial call made and again the following day to explain this and that it was likely Council or a utility provider conducting works.
<p>PS-ISD</p> <p>There were no non-compliances/incident reported to the ER this period.</p> <p>There were nine (9) complaints during the period, seven (7) relating to noise, one (1) relating to access, and one (1) relating to dust and debris. Of the nine (9) complaints seven (7) were related to the sites the others are thought to relate to nearby construction by others.</p> <ul style="list-style-type: none"> ▪ 17 July - Resident emailed to complain about noise generated from work on Pitt Street by Australian Utilities Management. CPM explained that utility investigation works are in the road and footpath and road occupancy licenses only allow works on the road from 8pm. As part of our approvals, high noise activities (such as jackhammering and saw-cutting) are to be completed before midnight. CPB asked whether the resident receives weekly email updates, as these emails specify when utility investigation work will take place in the road/footpath. The resident confirmed that he does receive these emails and will read over it to check when utility investigations are taking place. Thanked CPM for the details and information. ▪ 17 July - Resident sent through an email regarding ongoing work for the Pitt Street Station project and music played on site. The resident also expressed frustration about government projects and excuses used to extend construction hours e.g., COVID, social distancing, expedited infrastructure to boost the economy. CPM has raised the issue of music to the internal team. Even though the music wasn't played for long on site, they will need to address this with the team and reiterate that no radios/speakers are to be on site. ▪ 18 July - Shift Manager at Kimpton Margot Sydney approached Site Supervisor to advise that she has received noise complaints from customers. CPM met with representatives at Kimpton Margot during a doorknock and discussed the recent complaints. The Kimpton Margot representatives advised that their major concerns regarding noise is from trucks idling. CPM spoke with representative at Kimpton Margot to provide update on truck idling complaint. Advised that we have contacted Bingo Industries to reiterate their site requirements of not idling in the street. They have passed this information on to their operations team, and this will be delivered to their drivers. The night shift supervisors will also toolbox any drivers visiting site to reiterate that there should be no idling in the street. CPM also provided an update on whether deliveries can be moved to Bathurst Street and explained that due to the tower crane



movement, reach and swing radius, we cannot move deliveries to Bathurst Street. The tower crane has more movement over Pitt Street. The Kimpton Margot Sydney representative thanked the CPM for the information.

- 18 June - Resident enquiry about construction hours and complaint about construction noise and hum/vibration. Provided the resident with details on utility investigation work that was taking place last night around the Pitt Street South site. From the site diary, high noise activities including jackhammering and saw-cutting were completed before 9pm, vacuum truck (which may be the source of the hum/vibration) was completed at 10pm, and the team were off-site by 1:30am. Provided the resident with clarification on extended work hours and how the community are notified prior to any work commencing. Provided the resident with the two July 2022 notifications (OOH and overarching) and asked whether he would like to be added to the weekly email distribution list. CPB provided the resident with her direct mobile number if he would like to discuss any details further. The resident confirmed that the noise was from the road/footpath and appreciated the detail provided by CPB.
- 19 July 23:47 Resident at Princeton Apartments advised of jackhammering work in Pitt Street (near the Pitt Street South site). He received a notice advising that work would be low noise tonight. Upon investigation CPM advised the resident that she is not sure who was working in the area. The Site Supervisor mentioned he saw Ausgrid and Retro Traffic vehicles in Bathurst Street early in the night, however did not see them setting up. The resident appreciated the update and investigation. Advised CPM that there is a road plate on the road, so they most likely will return. Will inform the strata committee that it was not associated with Sydney Metro work. CPM will speak with the site night shift supervisor to keep an eye out for any contractors working in the road.
- 20 July 9:27 - Resident from Princeton Apartments complaining about jackhammering work last night. Details were provided to the customer via email, informing him that the jackhammering work was not related to Sydney Metro work. CPM advised that she would speak with the Site Supervisor to keep an eye out for any contractors working on surrounding roads/footpaths.
- 22 July - Building Manager at Eurotower advised of a noise complaint from resident. CPB project representatives (construction lead and environment) have determined from video footage the beeping noise to be actually a quacker from an Elevated Work Platform (EWP). The team have consulted with the Safety lead who has advised of this requirement on EWP's. CPM provided Building Manager with details from investigation, including reason for the beeping noise recorded in the video, noise levels remaining compliant, use of hand tools and noise from metal material. Issues raised by the resident will also be communicated with the construction team to ensure noise is being minimised where possible.
- 30 July – Pitt Street North Cafe owner complained that he did not receive notice about the footpath closure for reinstatement and people cannot access his café. CPM confirmed that access was still provided to the cafe, the footpath was closed from the boundary of the cafe and the Sydney Metro site. The cafe owner was annoyed that pedestrians could not cross Castlereagh Street from the opposite side to his cafe. He mentioned that the fences in front of his shop stopped people from getting to his cafe. If he knew about this work he would've closed the shop. CPM advised that the pedestrian barriers are a safety requirement so no one goes into the traffic lane closure/work area. CPM advised that this work was communicated in the weekly email sent on Friday 22 July. Another email was sent advising directly impacted properties along Castlereagh Street of the temporary lane closures. She will confirm with him if they need to work again tomorrow. CPM appreciated that sometimes emails are missed, so moving forward, she will visit the cafe to speak with the owner if we need to close the footpath around their site. CPM also confirmed that work would be taking place tomorrow to pour concrete for the driveway. Cafe owner appreciated the update and that the CPM will visit him moving forward.
- 30 July – Members from Fire and Rescue NSW - Bathurst Street team spoke with the Site Supervisor about dust and debris from site in their outdoor area. The Site Supervisor visited the Fire and Rescue NSW - Bathurst Street and observed dust and construction debris on the ground and tables in their outside area next to the Sydney Metro site. Construction workers were sent into the property to vacuum the dust, clean the tables and mop inside. The Site Supervisor immediately stopped any work on site that could possibly cause the dust. CPB Senior Project Engineer and Community Place Manager will speak with the Senior Representative at Fire and Rescue NSW to discuss controls and monitoring that can be implemented to eliminate the issue.



<p>WL-ISD</p> <p>One minor (Class 3) incident and no non-compliances reported to the ER during this reporting period. Summary of minor incident provided below:</p> <ul style="list-style-type: none"> 30/07/22 – Class 3 – WL ISD - During night shift operation a minor oil leak was observed from the manitou (less than 5L) on-site (hardstand). Spill kit material used to absorb oil leak. <p>Complaints during reporting period are summarised below:</p> <ul style="list-style-type: none"> 11/07/2022 - WL ISD - Noise & Vibration - OOHW - Stakeholder complaining about noise from utility work on Wellington Street. AA was offered but not accepted by stakeholder. 27/07/2022- WL ISD - Noise & Vibration – OOHW - Stakeholder complaining that there was a hammering noise on Monday and Tuesday nights, at approximately 2am which goes on for 20-30 minutes. CPM advised that all works at the time of the noise experienced were within approved noise and vibration levels and offered the stakeholder customised earplugs. Stakeholder emailed on 28/07/2022 to report that the noise had stopped and to take up the offer of earplugs. 28/07/2022- WL ISD - Noise & Vibration – OOHW/worker behaviour - Resident called to complain about music coming from the site at night. S&CLM notified site supervisor straight away and music switched off. Correspondence to subcontractor to be issued regarding music. Site toolbox to be completed with all nightshift staff. S&CLM apologised to the resident and offered ear moulds which were accepted. <p>Complaints unrelated to SM activities during reporting period:</p> <ul style="list-style-type: none"> Nil
<p>Audits (specific to packages reported in this report)</p> <p>No ER involvement in audit activity including Independent Environmental Audits.</p>
<p>Looking Forward – Core Focus Areas and ER Closing Comments</p>
<p>MP-ISD</p> <ul style="list-style-type: none"> Nil
<p>VC-ISD</p> <p>Core Focus Areas</p> <ul style="list-style-type: none"> Continue to review/monitor OOHWs planned and approved: <ul style="list-style-type: none"> Victoria Cross South site – Ongoing OOH (evening & weekend) July – September 2022 Victoria Cross North site – Ongoing OOH works (evening/ weekend day OOH) - extended for August - September 2022 Continue to review OOHW noise monitoring including any new modelled scenarios in OOHWAs, any associated complaints and issues. <p>ER Closing Comments:</p> <p>Complaints and more specifically OOH noise complaints have reduced in reporting period with 1 x OOH project related noise complaint received in July 2022 (related to the Northern site), with resident added to distribution list for notifications following investigation.</p> <p>The Project has performed generally well throughout the period and continues to be responsive to queries/comments raised in document reviews and any recommendations made by the ER/AA.</p>
<p>CN-ISD</p> <p>Core Focus Areas</p> <p>Significant out of hours planned to continue with girder deliveries continuing in the upcoming period.</p> <p>ER Closing Comments:</p> <p>Project has performed generally well throughout the period with continued greater effort and collaboration in relation to community consultation and engagement. Complaints generally and noise complaints specifically reduced considerably.</p>
<p>PS-ISD</p> <p>Core Focus Areas</p> <p>Out of hours planned to continue, including utilities installation in surrounding streets.</p> <p>ER Closing Comments:</p> <p>Project has performed well throughout the period, however frequency of complaints related to project increased slightly as a result of utilities investigation works and generally increased activity in public domain areas. To address this, the project has increased their community engagement efforts in terms of general face to face interaction. Effectiveness, will be monitored in upcoming periods.</p>

**WL-ISD****Core Focus Areas**

- Continue to review/monitor OOHWs planned and approved.
- Continue to review/monitor complaint numbers and issues.

ER Closing Comments:

- Three complaints relating to OOH noise including worker behaviour (latter an avoidable complaint) noted for the reporting period; relative to amount of works being approved and undertaken in accordance with the OOHW Protocol. Contractor's Community and Stakeholder Manager continued providing complaint details/follow-up and close-out to ER and AA.
- First Community Engagement Drop-in Session held by the Project on 21 July 2022 providing the community an opportunity to drop in and ask questions. Project plans to hold these sessions on a quarterly basis.
- Project has performed generally well throughout the period and has been responsive to queries/comments raised in document reviews and any recommendations made by the ER/AA.



6. Barangaroo Station (BESIX Watpac)

Project Approval	Contract Package	EPL	Environmental Representative/s
SSI 7400 (C2S)	Barangaroo Station (BESIX Watpac)	N/A	Jo Heltborg
Key Construction Activities During the Period			
<p>Civil:</p> <ul style="list-style-type: none"> ▪ Demolition of Hickson Road bridge deck and vibration monitoring for the heritage wall ▪ Stormwater works, including sheet piling, trenching, pipe installation and backfill ▪ Dewatering of trenches ▪ Traffic switch to Hickson Road temporary alignment operational ▪ Hickson Road bridge deck demolition commenced ▪ Mobilisation of 500T crane to commence removal of steel bridge girders at night ▪ Service installation and backfill of the shark's fin ▪ Stockpiling of imported tunnel spoil from Rozelle Interchange ▪ Stockpiling and management of asbestos and coal tar contaminated spoil ▪ Water Treatment Plant (WTP) operation. <p>Station Box:</p> <ul style="list-style-type: none"> ▪ Installing structural steel, scaffolding, concrete and blockwork ▪ Continue lift installation ▪ FRP works to station box ▪ Services and ductwork installation (electrical, fire, hydraulics) ▪ Sandstone facade installation ▪ Interface works with Linewide. 			
Key Construction Activities Look Ahead			
<ul style="list-style-type: none"> ▪ Continuation of sheet piling and excavation for stormwater trunk relocation ▪ Continuation of backfilling of the shark's fin ▪ Continued demolition of the Hickson Road bridge deck, and steel beam removal at night ▪ Blockwork and services installation to continue in the station box ▪ Station fit-out works - doors, painting services rooms etc ▪ Preparation for Headland Park Car Park works ▪ Trenching and tree removal at Nawi Cove for the seawater cooling system works. 			
ER Inspections			
<p>There were two inspections conducted by the ER in July 2022 (14th & 21st July). Issues raised during the inspection (and in general over the month of July) were as follows:</p> <ul style="list-style-type: none"> ▪ Potential Non-compliance with CoA E107 and environmental incident resulting from the uncontrolled release of water into Nawi Cove on 13/7/22 during trench dewatering. Water quality monitoring conducted after the event was inadequate. Potential pollution incident and legislative non-compliance with s120 POEO Act; EPA interest. ▪ A worker was observed to be shovelling sludge from the bund under the WTP onto the adjacent internal haul road. This material is potentially contaminated and should be classified and disposed offsite in accordance with the EPA Waste Classification Guidelines and the <i>POEO Waste Regulation 2014</i>. This activity is a potential Non-compliance with REMM WM1 "All waste would be assessed, classified, managed and disposed of in accordance with the NSW Waste Classification Guidelines". The contractor will raise the NC in August 2022. ▪ A small amount of topsoil and vegetation was observed in a waste skip in the centre of the site. This material should be treated as spoil and be classified prior to offsite removal in accordance with REMM WM1. ▪ Demolition of the Hickson Road bridge deck and vibration monitoring for the Hickson Road heritage wall. ▪ Demolition of the Hickson Road bridge deck and noise assessment, potential for sleep disturbance and additional mitigation. ▪ Stockpiling of hazardous waste impacted with coal tar and asbestos, remediation approach. Application of appropriate controls. ▪ Stockpile management, including ERSED controls and dust reduction measures for tunnelling spoil. ▪ Redesign and water management/discharge plan for the western civil pit; update to CEMP & Sub-plans; DPE submission. 			



Photos



Hickson Road temporary road realignment and demolition of the old Hickson Road bridge deck



Stockpiles of hazardous waste



Rozelle tunnelling spoil



WTP bund water and sludge being emptied onto the haul road (NC with REMM WM1)



Nawi Cove foreshore after spill clean-up (incident 13/7/22)



Trench from which dewatering occurred during incident on 13/7/22



WTP bund that overflowed during incident on 13/7/22

Endorsed Document/s

- OOHWA-008 - July 2022 Traffic Switch Hickson Road Rev02, 1/7/2022
- Environmental Requirements Completion Form BS Q4_2021_ER, 15/7/2022
- OOHWA-009 - Steel Beam Removal at Night, Hickson Road Rev02, 22/7/2022
- OOHWA-009 - Steel Beam Removal at Night, Hickson Road Rev03, 26/7/2022

Non-compliance/ Incidents or Repeat Complaints

Sydney Metro has been providing summaries of complaints to DPE daily and a summary to the ER. Responses to each complaint have been noted in each complaint report, with follow-up actions often defined in revised reports. Key or repeat items of note are discussed below for Barangaroo Station.

There were no incidents for Barangaroo Station reported to the ER under condition A41 of SSI 7400 for the period. A potential Class 2 incident reported to DPE on 13/7/22 (uncontrolled release of muddy water to Nawi Cove) was classified as Class 3 after an investigation found it was unlikely that material environmental harm was caused.

- **13/7/2022:** A trench was being dewatered into the bund under the Water Treatment Plant, when the hose broke loose and discharged muddy water under the site hoarding, across the footpath and into the harbour at Nawi Cove (both directly and via the stormwater network). Notifications were made to Sydney Metro, the ER, NSW EPA and DPE in accordance with CoA A41. The methodology for pumping into the bund of the WTP will be addressed and a method of ensuring that the hose does not become dislodged again established. Whilst a methodology to secure the pump flat line to the bund is developed all pumping will be done with supervision of the pump line discharge to the bund. A toolbox talk will be conducted by WARD Civil and BESIX Watpac to communicate this to the work group. In the future, laboratory sampling containers will be kept in the BESIX Watpac site office. The BESIX Watpac Environment Manager, Environmental Coordinator, or a suitably trained delegate will take water samples in the event of a future incident. BESIX Watpac has also committed to keeping a portable water quality monitoring kit on site to measure TSS and pH on request. Further, WSP have been engaged to undertake an environmental impact assessment. It should be noted though that this was still under investigation at the time of writing this report.

The ER is aware of one complaint received during July 2022 related to BESIX Watpac works:

- **29/7/2022 (reported 1/8/2022):** Complaint regarding sleep disturbance and awakening to noise at 1am. Approved out of hours work (OOHW) were being undertaken at the time (OOHWA-009) for Hickson Road steel beam removal via 500T crane. The resident also complained about dust and vibration during daytime work. The complaint is under investigation by BESIX Watpac, the Comms Team and the Acoustics Advisor (AA).



Audits
No ER involvement in audit activity including Independent Environmental Audits.
Summary of Environmental Performance
<p>Concerns have been raised over the last two months after the report of two uncontrolled water discharge incidents (31/5/22 and 13/7/22) to the harbour. The surface water monitoring conducted after the second incident on 13/7/22 was poorly managed, making the assessment of impact to the environment difficult due to a lack of data. The incident remains under investigation and may be subject to scrutiny by the EPA, a further assessment of non-compliance, and the issue of a contractual notice to the Contractor by Sydney Metro</p> <p>June Quarterly Water Quality monitoring results indicated an exceedance in Cyanide from the WTP discharge. An investigation is in progress to determine the source of the cyanide, and measures implemented to reduce the risk of further cyanide entering the harbour. The quarterly monitoring results have also detected a significant increase in a number of groundwater quality parameters since the last monitoring event, including Polycyclic Aromatic Hydrocarbons (PAH), Calcium, Chloride, Iron, and Total Alkalinity (CaCO₃). An investigation has not found an explanation for the increase, and improvement to the reporting process have been recommended so trends can be identified as required.</p> <p>The management of stockpiles and waste classification remains an ongoing issue and will remain a focus with additional hazardous waste identified in excavated soil at the site. The proposed remediation strategy has not yet been communicated to Sydney Metro or the ER.</p> <p>The demolition of the Hickson Road bridge deck was managed well during the period in terms of noise impacts to surrounding residents (day works only, no complaints) and vibration impacts to the Hickson Road heritage wall, with vibration levels lower than expected. One complaint was received during associated night works involving the removal of steel bridge girders.</p>
Looking Forward – Core Focus Areas
<ul style="list-style-type: none">▪ Dewatering of excavations and compliance with the CEMP to reduce the risk of future incidents occurring▪ Compliance with water quality parameters in the WDIA during discharge from the WTP▪ Management of noise during OOH Work (steel beam removal at night), and noise and vibration impacts during standard construction hours, particularly in relation to demolition of the Hickson Road bridge deck.▪ Landowner consent and tree management for planned seawater cooling water installation▪ The transfer of water from Line Wide to BESIX Watpac from the surface and Level B6▪ The management of works in zones with high-moderate archaeological potential and the reporting of unexpected finds▪ The management, storage and disposal of coal tar and asbestos-contaminated spoil▪ Completion of the Compliance Tracking Report (CTR) Q1 and Q2 2022.

7. Sydenham to Bankstown Sydney Metro Corridor (SMC) and Bankstown Early Works (BEW)

Project Approval	Contract Package	EPL	Environmental Representative/s
SSI 8256 (S2B)	Southwest Metro Corridor (SMC), Bankstown Early Works (BEW), and Bankstown Station & Additional Corridor (BAC)	#21147	Jo Heltborg
Key Construction and Low Impact Works Activities - During the Period			
<p>Southwest Metro Corridor (SMC):</p> <ul style="list-style-type: none"> ▪ Canterbury Compound: Site offices and amenities, fuel and gas storage. ▪ Wairoa Street Bridge, Campsie: Construction of the retaining wall was ongoing. Final concrete pours scheduled. Pile caps complete; crash beam yet to be installed. ▪ Park Street, Campsie: Layback works continued, including new gutter on South Parade. ▪ Belmore Triangle, Redman Parade: Stockpiling and materials storage. Spoil load-out. Dewatering tanks (skips) removed. ▪ Loftus Street, Belmore: HV Pits 5 and 9 complete, including dewatering. Small scope of underground CSR to complete, and small section of GST to complete either side of Loch Street bridge (during WE07/WE08 possession). ▪ Loch Street, Campsie: Full road closure in place on Loch Street Bridge to allow crane to lift beam. Tree removal. ▪ Punchbowl Hi-rail access: Finishing works for new access after asphalt and DGB complete. ▪ Breust Street, Punchbowl: GST installation from Punchbowl Station to Stansfield Ave. Stormwater pipe replacement at base of embankment. Vegetation protection in place for TEC. ▪ Stansfield Avenue, Punchbowl: Vegetation removal and pruning complete. Non-destructive digging (NDD) for GST posts underway. Preparation for GST installation. <p>Bankstown Early Works (BEW):</p> <ul style="list-style-type: none"> ▪ North Terrace Compound: Site offices and amenities, fuel and gas storage. ▪ Metro Services Building (MSB): Installation of building façade, internal fit out; services installation. ▪ Southern Down Platform: Bus layover handed back. Complete (to be continued under a new contract). ▪ Stacey Street Bridge – Countryside, Bankstown: Bolt installation for bridge throw screens ongoing during possessions. <p>Bankstown Station & Additional Corridor (BAC):</p> <ul style="list-style-type: none"> ▪ Low impact investigation works (geotechnical and survey) under Pre-Construction Minor Works Approval (PCMWA). 			
Key Construction Activities Look Ahead			
<p>Out of Hours Work:</p> <ul style="list-style-type: none"> ▪ Mid-Year Shutdown (2-14 July 2022): <ul style="list-style-type: none"> ○ SMC scope included bridge works, CSR/GST installation etc. ○ Cumulative impacts were discussed during planned meetings with contractors, Sydney Metro and Environmental Representatives (ERs) on 3rd & 24th June. ▪ Weekend 07 (WE07) and WE08 Possessions (13&14 and 20&21 August 2022) <p>Other:</p> <p>SMC:</p> <ul style="list-style-type: none"> ▪ Marrickville: Piling for crash beams and retaining walls; works within Archaeological Management Zone (AMZ) at Victoria Road Bridge (on hold pending flood design). ▪ Hurlstone Park: Pile caps and installation of throw screens (Church Street footbridge). Culvert works (CCTV) ▪ Campsie: Concrete pours for Park Street turnout slabs. CSR completion at Lillian Lane and Loch Street. Wairoa Street bridge crash beam works. Swale on hold. ▪ Belmore: Moreton Street bridge throw screen installation on hold (design). Belmore triangle: stockpile waste classification and spoil load-out. ▪ Lakemba / Wiley Park: Alice Street GST installation; new access gate to be installed. ▪ Punchbowl: GST installation and drainage work along TEC at Breust Street during possession. NDD service searching ongoing. ▪ Bankstown: Stacey Street bridge screens over next possessions. <p>BEW:</p> <ul style="list-style-type: none"> ○ Ongoing fitout and completion of MSB facade and surrounds. Sewer connection during OOH. <p>BAC:</p> <ul style="list-style-type: none"> ○ Low impact investigation works under PCMWAs. 			



ER Inspections

There were two ER inspections conducted in July 2022 (12th & 26th July). Actions raised during the inspections were related to the following issues:

- Jerry cans of ULP were stored without secondary containment, and a spill kit was not located within the near vicinity. ER actions were addressed during the period.
- Stockpile height at the Belmore Triangle posed an increased risk of dust and or/ sediment runoff offsite. Spoil load-out was complete during the period for the stockpile of concern and the action was closed.

Photos



Wairoa Street Bridge, Campsie: Jerry cans of ULP were stored without secondary containment. A spill kit was not located within the near vicinity.



Wairoa Street Bridge, Campsie: Accumulated water transported offsite for disposal (high pH).



Wairoa Street Bridge, Campsie: Traffic control was in place to navigate a lane closure on Wairoa Street. Tracking to be monitored ongoing.



Loch Street, Belmore: Full road closure in place on Loch Street Bridge to allow crane to lift beam onto GST alignment under the bridge. A Consistency Assessment was approved for this activity.



Breust Place, Punchbowl: During GST post installation an underground stormwater pipe was damaged. Temporary protection measures were established at the time of the incident to reduce the risk of sediment entry into the system.



North Terrace Bankstown: Proposed tree removal locations for BAC.



Stansfield Avenue, Punchbowl: Tree removal and pruning undertaken to facilitate GST and security fencing installation. Two small areas of threatened species *Acacia pubescens* had been identified along the alignment. Barricading and signposting was in place.



BEW MSB Site: Installation of the façade and internal fitout of the MSB continued





Endorsed Document/s
<ul style="list-style-type: none">▪ BAC PCMWA July Shut_ RevD, 1/7/2022▪ SMC & BAC CEMP Rev14, 7/7/2022▪ SMC & BAC VAMP Rev06, 15/7/2022▪ SMC & BAC CSWMP Rev 11, 19/7/2022▪ SMC & BAC CNVMP Rev08, 19/7/2022▪ SMC & BEW Environmental compliance requirements completion approval Q1 2022, 27/7/2022
Non-compliance/ Incidents or Repeat Complaints
<p>Sydney Metro has been providing summaries of complaints to the Department of Planning and Environment (DPE) daily and a summary to the ER. Responses to each complaint have been noted in each complaint report, with follow-up actions often defined in revised reports. Key or repeat items of note are discussed below for SMC, BEW and BAC.</p>
<p>There were no non-compliances reported to the ER during the period. There were no incidents reported to the ER under Condition A41 of SSI 7400. There were no Class 3 environmental incidents reported to the ER during the period. The ER is not aware of any complaints received during July 2022 related to the SMC_BEW_BAC works.</p>
Audits
<p>No ER involvement in audit activity including Independent Environmental Audits.</p>
Summary of Environmental Performance
<p>The avoidance of impact to mapped TECs, and identified threatened species as defined in Revised Environmental Mitigation Measure (REMM) B4 remains an ongoing focus. All TEC and threatened species locations inspected during ER inspections have been appropriately barricaded and sign-posted and workers tool-boxed at pre-start as required.</p> <p>Erosion and Sediment Control Plans (ESCPs) are consistently reviewed and updated for new work areas and changed activities. The ESCPs demonstrate that Erosion and Sediment (ERSED) issues have been reviewed in detail before applying required controls.</p> <p>The BAC CEMP has been approved by DPE and the BAC CEMP Sub-plans are with Councils and Heritage NSW (in the case of the CHMP) for consultation. CEMP Sub-plans are due for submission to DPE in August 2022. Low impact works for BAC have commenced, and may continue over possessions up until August, pending assessment and approval. Tree removal may be delayed due to potential non-compliance with approved tree removal numbers identified in the SPIR in station precincts. This matter remains under discussion; a Modification to the planning approval may be required.</p> <p>Several ancillary facilities are also proposed for use during BAC; the planning approval mechanism for the use of each of these areas is being discussed.</p>
Looking Forward – Core Focus Areas
<ul style="list-style-type: none">▪ Management of ERSED controls generally▪ Maintenance of tree protection measures, particularly in the vicinity of TECs and threatened species <i>Acacia pubescens</i>▪ Implementation of the Tree Report during vegetation pruning and removal▪ Management of noise during OOH Work including possessions▪ Completion of the Q2 2022 Compliance Tracking Report (CTR).



8. Marrickville, Canterbury & Lakemba Station Upgrades (MCL)

Project Approval	Contract Package	Environmental Representative/s
SSI 8256 (S2B)	Marrickville, Canterbury & Lakemba Station Upgrades (MCL) (HSEJV)	Brett McLennan
Key Construction Activities During the Period		
<p>Shutdown 3 Possession (2-14 July 2022):</p> <ul style="list-style-type: none"> Out of Hours (OOH) Works, noting external permits were not provided until the second week. <p>Marrickville:</p> <ul style="list-style-type: none"> MSB fit out continued. Construction of the shared user path continued. Station building electrical fit out, platform furniture and drainage. Façade lining and reticulation services. ULX and pit construction continued, excavating and shoring pits within the CESS commenced. Drainage installation. Concrete pours of shared user path. <p>Canterbury:</p> <ul style="list-style-type: none"> Continuation of service installation and construction of the MSB, concrete pours ongoing. Service installation works and furniture installation in the platform buildings continued. Electrical commissioning works on platforms Concrete pours on station. <p>Lakemba:</p> <ul style="list-style-type: none"> Brickworks, structural installation, and utilities installation continued in the MSB Service installation works, drainage, and platform furniture at the platforms. 		
Key Construction Activities Look Ahead		
<ul style="list-style-type: none"> Out of Hours Work WE 7 (13/14 Aug) and WE8 (20/21 Aug) 2022 Continuation of platform / station building fit-out at all stations. Continuation of MSB construction and/or fit-out at all stations. <p><u>Marrickville</u></p> <ul style="list-style-type: none"> Footpath work/sewer lining with interflow. ULX adjacent to Marrickville MSB site. Platform containment non possession scope. <p><u>Canterbury</u></p> <ul style="list-style-type: none"> Canterbury lift installation. MSB concrete pours ongoing. 		
ER Inspections		
<p>There were two ER inspections conducted for the period (13 and 27 July). The key issues raised during the inspections were:</p> <p>All sites</p> <ul style="list-style-type: none"> Erosion and sediment controls (ESC) required minor updates and maintenance. Banner mesh required reattaching to fences and ATF after high winds. <p>Marrickville:</p> <ul style="list-style-type: none"> It was noted that a tipper loaded with soil from the MSB, travelled with an uncovered load to Charlotte Ave and through the “No Entry” access. The tipper used back streets to travel to the platform to unload. HSEJV were unable to provide a TMP for the haulage route and this was raised as NCR-033 against the CTMP. Bunding for groundwater storage drums required maintenance. Weed maintenance <p>Canterbury:</p> <ul style="list-style-type: none"> It was noted that spoil stockpiling in the MSB required ESC and the MSB egress points required stabilisation and maintenance. It was noted that a parking signpost had been removed pending repair. Fuel containers required bunding. An excavation had collapsed and during stabilisation of the excavation sediment was tracked on Charles Street to Broughton Street. It was noted that a community complaint was received and HSEJV indicated that controls were not in place. Tracking of material was raised as NCR-035. 		



- It was noted that dump trucks were travelling on Charles Street without loads being covered. The ER reminded HSEJV to cover loads on public streets.
- It was noted that garbage had been thrown into spill kits.
- Management of spoil stockpile at 6 Charles Street was required to prevent spoil entering drainage.

Lakemba:

- Plant had been stored outside the approved project boundary (as per the SPIR) and the approved consistency assessment for use of the roadway. This damaged the grassed verge and footpath. This was raised as NCR-036
- Stockpiles within the CESS continued to require ESC. This had been raised previously and it was noted that mixing of stockpiled material had occurred with no trackability by HSEJV as required in the CEMP. It was noted that the stockpile had directly impacted trees within the rail corridor and the root zones of trees outside the corridor. This was raised as NCR038.
- A concrete pump for the site was parked within the accessible car spaces. This has been an ongoing issue at this location and was not in compliance with the recent A17 approval for the compound. This was raised as NCR-034.
- It was noted that ESC was not installed within The Boulevardre possession compound.
- Sediment tracking was observed from the Compound to local roads.
- Fuel canisters required appropriate bunding.
- It was noted that egress points still required stabilisation across the Railway Pde Compound, and an unapproved egress point was installed with materials placed in the extended compound area without appropriate ESC and stabilisation of the area as required under the A17 approval. This was raised as NCR-037.
- Soil had been placed within a mixed waste skip bin and required appropriate removal from site.

Photos






Marrickville MSB – Groundwater drums requiring appropriate bunding.



Marrickville MSB – Construction ongoing



<p>Canterbury 6 Charles Street – Maintenance of ESC and stockpile management</p>	<p>Canterbury MSB – rumble grids and egress requiring maintenance</p>
	
<p>Lakemba – damage to grass verge at Kathleen Street/The Boulevarde</p>	<p>Lakemba– stockpile impacting on trees within the rail corridor.</p>
	
<p>Lakemba – MS egress points required stabilisation</p>	<p>Lakemba extended compound – required ESC and stabilisation.</p>
<p>Endorsed Document/s</p>	
<ul style="list-style-type: none"> ▪ Canterbury WK02 OOHW ▪ SWMP Rev09 ▪ HMP Rev07 ▪ VAMP Rev05 ▪ CEMP Rev08 	
<p>Non-Compliance/ Incidents or Repeat Complaints</p>	
<p>Sydney Metro has been providing summaries of complaints to the Department of Planning and Environment (DPE) daily and a summary to the ER. Responses to each complaint have been noted in each complaint report, with follow-up actions often defined in revised reports. Key or repeat items of note are discussed below for MCL.</p>	
<p>The ER is aware of six new NCRs for the month and 10 complaints relating to MCL works. There were no incidents for MCL reported to the ER under condition A36 of SSI 8256.</p>	
<p>The NCRs are summarised as follows: NCR033 – Uncovered tipper travelling through unapproved haulage route (Marrickville). NCR034 – Parking in accessible carpark non-compliant with A17 approval (Lakemba). NCR035 – Sediment tracking on Charles Street without ESC (Canterbury).</p>	



NCR036 – Plant, equipment and materials stored outside the approved project boundary and without landowner consent (Lakemba).

NCR037 – Use of unapproved access and access stabilisation for Railway Pde compound and extended compound (Lakemba).

NCR038 – Continued lack of stockpile controls and material tracking at Kathleen Street Cess (Lakemba)

The complaints are summarised as follows:

- Two noise complaints from Marrickville that were not related to Metro activities.
- Three complaints from Canterbury for noise, noting that alternate accommodation was offered prior to works commencing.
- One noise complaint from Canterbury not related to Metro works.
- Two complaints from Canterbury for property damage and worker behaviour.
- One complaint from Canterbury for sediment tracking (associated with NCR035).
- One complaint from Canterbury for worker parking.

Audits

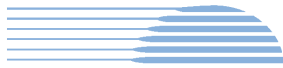
- No ER involvement in audit activity including Independent Environmental Audits.

ER Closing Comments and Looking Forward – Core Focus Areas

It is noted that a change in project staff has occurred within HSEJV. The ER has held several meetings with HSEJV and Sydney Metro to discuss the ongoing issues and increase in NCRs raised. It is noted that training of staff on the CSSI and the management plans is required. Due to ongoing NCR's and complaints regarding parking and traffic, the ER recommended that an audit of the CTMP be undertaken.

Looking forward:

- Continued implementation checks for CEMP and sub plans, focusing on ESC and parking / traffic impacts
- Compliance Tracking Q1 2022 review and endorsement
- Surveillance during mobilisation and during OOHW
- Independent audit of CTMP.



9. Hurlstone Park, Belmore, and Wiley Park Station Upgrades (HBW) and Dulwich Hill Campsie and Punchbowl Station Upgrades (DCP) (Downer)

Project Approval	Contract Package	Environmental Representative/s
SSI 8256 (S2B)	Hurlstone Park, Belmore, and Wiley Park Station Upgrades (HBW) (Downer) Dulwich Hill Campsie and Punchbowl Station Upgrades (DCP) (Downer)	Brett McLennan
Key Construction Activities During the Period		
<p>Shutdown 3 Possession (2-14 July 2022):</p> <ul style="list-style-type: none"> ▪ Out of Hours (OOH) Works, noting external permits were not provided until the second week. <p><u>Hurlstone Park</u></p> <ul style="list-style-type: none"> ▪ Metro Services Building (MSB) – Trenching works completed, preparation for structural steel installation. ▪ Concourse install structural steel. ▪ Platform building refurbishment works continued, drainage and furniture installed. ▪ GST installation continued. ▪ Demolition and reconstruction of stairs completed. <p><u>Belmore</u></p> <ul style="list-style-type: none"> ▪ MSB - fit out works continued. GST continued and On-Site Detention (OSD) construction completed. ▪ Platform building refurbishment works continued, drainage and furniture installed. ▪ Installation of kiss and ride shelter. <p><u>Wiley Park</u></p> <ul style="list-style-type: none"> ▪ MSB – Fit out and drainage works continued. ▪ Platform building refurbishment works continued and furniture installed. ▪ GST installation. ▪ Concourse installation of structural steel. ▪ Elevator commissioning trials continued. <p><u>Dulwich Hill:</u></p> <ul style="list-style-type: none"> ▪ MSB – Structural steel installation commenced. ▪ ACO Drainage installation, station furniture installed. ▪ Station fit out continued. ▪ Relocation of HV power completed. <p><u>Campsie:</u></p> <ul style="list-style-type: none"> ▪ MSB – Installation of structural steel commenced. ▪ Concourse installation works continued. ▪ Platforms – Station fit out continued. <p><u>Punchbowl:</u></p> <ul style="list-style-type: none"> ▪ MSB – Fit out continued. ▪ Structural steel lift and install at Punchbowl Concourse. ▪ Concourse installation works continued. ▪ Platforms – Station fit out continued, drainage and station furniture installed. ▪ Elevator commissioning trials continued. 		
Key Construction Activities Look Ahead		
<ul style="list-style-type: none"> ▪ Construction / fit-out of the MSB's at all stations. ▪ Construction of the pedestrian bridge, lift shaft, and stairs at Dulwich Hill (pending permits). ▪ Commissioning of lift shafts at Hurlstone Park. ▪ GST/CSR routes ongoing. ▪ Landscaping for station Plaza(s) and MSB areas ▪ Planning and monitoring the OOH WE 7 (13/14 Aug) and WE8 (20/21 Aug) 2022 		
ER Inspections		
<p>There was one ER inspections conducted for HBW and DCP on 14 July. The key issues raised during the inspections were:</p> <p><u>All Stations</u></p> <ul style="list-style-type: none"> ▪ It was noted that banner mesh required reattaching after high winds. <p><u>Hurlstone Park</u></p> <ul style="list-style-type: none"> ▪ ER noted stormwater entering the MSB egress could be redirected from the site. 		



- Noted that ESC was maintained. Asphalt was being delivered, with any excess to assist in stabilising the egress.

Belmore

- No actions raised.

Wiley Park

- It was noted that a vehicle had parked on wet ground and required grass reinstatement. Minor sediment tracking onto the footpath.

Dulwich Hill

- Vehicle parking and idling were raised with Downer.
- It was noted that tonal movement alarms were used on EWP's
- It was noted that the lift shaft had been graffitied.

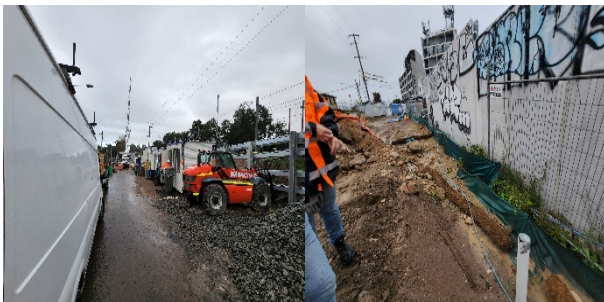
Campsie:

- It was noted that a section of shade cloth had been graffitied.

Punchbowl:

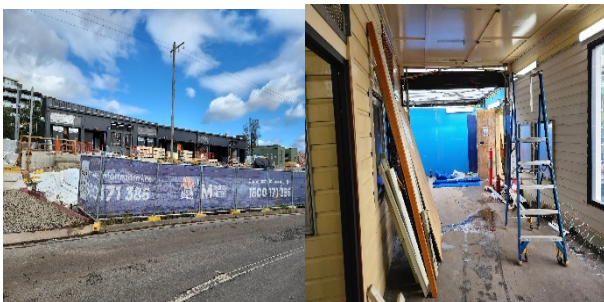
- It was noted that contractors were parking in the accessible car parks. This was raised as NCR23.
- it was noted that a sub-contractor was using a non-silenced generator to site without noise mitigation. Further inspection of the contractor vehicle indicated that fuel and acids were stored without bunding.

Photos







Dulwich Hill: Compound, MSB structural steel installation and lift shaft/platform works.

Campsie concourse: MSB structural steel installation, concourse and platform works.





	
<p>Punchbowl MSB, concourse and compound.</p>	<p>Hurlstone Park: MSB and platform works</p>
	
<p>Belmore: Plaza and platform works.</p>	<p>Wiley Park, Urunga Pde, MSB and footpath with minor tracking.</p>
<p>Endorsed Document/s</p>	
<ul style="list-style-type: none"> ▪ Minor Facility re-endorsement (A19) Campsie ▪ Minor Facility re-endorsement (A19) Belmore 	
<p>Non-compliance/ Incidents or Repeat Complaints</p>	
<p>Sydney Metro has been providing summaries of complaints to the Department of Planning and Environment (DPE) daily and a summary to the ER. Responses to each complaint have been noted in each complaint report, with follow-up actions often defined in revised reports. Key or repeat items of note are discussed below for DCP and HBW.</p>	
<p>The ER is aware of one NCR for the month and 15 complaints relating to DCP and HBW works. There were no incidents reported to the ER under condition A36 of SSI 8256.</p>	
<p>The NCR is summarised as follows:</p>	
<p>NCR023 – Parking in accessible carparks (Punchbowl) This was initially raised by the ER in May and NCR raised by Downer in July after ongoing parking in the accessible car parks.</p>	
<p>The complaints are summarised as follows:</p>	
<ul style="list-style-type: none"> ▪ Ten complaints raised at Hurlstone Park concerning noise and vibration, scheduled works, consultation, safety, and traffic. ▪ Two complaints from Campsie concerning water outage (not metro related) and idling crane in standard hours. ▪ Two complaints from Wiley Park regarding traffic and parking, and one general noise and offers for respite. 	
<p>Audits</p>	
<p>No ER involvement in audit activity including Independent Environmental Audits</p>	
<p>ER Closing Comments and Looking Forward – Core Focus Areas</p>	
<p>ER inspections were conducted during the shutdown as most works are on hold outside of possession. Site surveillance was monitored remotely where works occurred outside of possession during this period. Due to ongoing NCR's and complaints regarding parking and traffic, the ER recommended that an audit of the CTMP be undertaken.</p>	
<p>Looking forward:</p>	



- Continued implementation checks for CEMP and sub plans, focusing on ESC and community impacts
- Compliance Tracking Q2 2022 review and endorsement
- OOHWA approvals.
- Independent audit of CTMP.



10. Sydney Metro Retained Obligations (SM) /Other

Project Approval	Contract Package	Environmental Representative/s
SSI 7400 (C2S) SSI 8256 (S2B)	Sydney Metro Retained Obligations (SM) /Other	Jo Robertson
Key Construction Activities		
SM	The ER is not aware of any CSW related SM construction activities other than as referred to on a package basis above.	
ER Inspections		
SM	▪ Nil	
Endorsed Document/s		
SM	Compliance Tracking: CTR-S2B HBW-2021-Q3 and Q4 ER Endorsement Rev B CTR-S2B DCP-2021-Q3 and Q4 ER Endorsement RevB CSW-CTR-LWW-2022-Q1 ER Endorsement RevA Final CTR SSJ Q1 2022	
Non-compliance/ Incidents or Repeat Complaints		
Sydney Metro has been providing summaries of complaints to DPIE daily and a summary to the ER. Responses to each complaint have been noted in each complaint report, with follow up actions often defined in revised reports. Key or repeat items of note are discussed below for the respective projects. There were no non compliances or incidents raised by the ER against Sydney Metro for the period.		
Audits		
SM	Sydney Metro is working with the Independent Auditor to deliver the audit program in accordance with the Compliance Tracking and Monitoring Program Report (Rev 2.5). The ER understands that this is still underway.	
Looking Forward – Core Focus Areas		
SM	▪ Continued focus on noise impacts by Sydney Metro and team as the ISD sites approach ground level including review of noise models and potential impacts	



11. Statement of Limitations

Healthy Buildings International (HBI) has prepared this report in accordance with the requirements of Condition A24(l) of the Sydney Metro Conditions of Approval (CSSI 15_7400) and Condition A26(j) of the Sydney Metro Conditions of Approval (CSSI 17_8256). The report is for the sole purposes of Department of Planning Industry and Environment (DPIE) and Sydney Metro. It has been prepared based on generally accepted practices and standards at the time it was prepared. No other warranty, expressed or implied, is made as to the professional advice included in this Report. This report did not assess any aspects relating to safety.

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