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

8 August 2023 Ref: 170108-ER_DPE July 2023

Dear Rob

RE: Sydney Metro City and South West - ER Monthly Reports for July 23

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

- Condition A24 (I) of the Sydney Metro City and 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), MOD 3_ 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 23**.

Yours sincerely

Jo Robertson

Environmental Representative

Cc: Sydney Metro: Carolyn Riley, Fil Cerone, Dylan Jones, Ann Paterson, Cath Snelgrove

AA: Available on Sydney Metro Website

Contractors: Available to Contractors on Sydney Metro Website

DPE Compliance: Portal

DPE Post Approvals: Available on Sydney Metro Website



Table of Contents

1.	Central Station	3
2.	SSJ	5
3.	Line Wide (Tallawong to Bankstown)	6
4.	TSOM	12
5.	ISD – Crows Nest	14
6.	ISD – Pitt Street	17
7.	ISD – Waterloo	20
8.	ISD – Victoria Cross	24
9.	ISD – Martin Place	28
10.	Barangaroo Station (BESIX Watpac)	31
11.	Sydenham to Bankstown Sydney Metro Corridor (SMC) and Bankstown Early Works (BEW) and A Corridor (BAC)	
12.	Marrickville, Canterbury and Lakemba Station Upgrades (MCL) (HSEJV)	37
13.	Hurlstone Park, Belmore, and Wiley Park Station Upgrades (HBW) and Dulwich Hill Campsie and Punchbowl Station Upgrades (DCP) (Downer)	40
14.	Sydney Metro Retained Obligations (SM)	43
15.	Statement of Limitations	44

1. Central Station

Project Approval	Contract Package	EPL	Environmental Representative/s
SSI 7400 (C2S)	Central Station	#21148 Central Main Works	Michael Woolley

Key Construction Activities During the Period

Works conducted during the reporting period included:

- Metro Station Handed over to Sydney Metro. Some defects work ongoing. LOR in caretaker role until Operation.
- Central Walk Opened and handed over to Sydney Trains and in use by the public. Some defect works ongoing.
- North-South Concourse Opened and handed over to Sydney Trains and in use by the public. Some defect works ongoing.
- Northern Concourse Opened and handed over to Sydney Trains and in use by the public. Some defect works ongoing.
- Eastern Entrance Ongoing assessment of damage from the fire in building behind the site across Randle Lane which occurred on 25 May 2023. Removal of damaged sections of the building on the roof and rear brick façade. Ongoing repairs inside the building. Access from Randle Lane with a section of the lane closed.
- Sydney Yard Site access and use for laydown. Reduced activities due to minimal ongoing works on the project. Some areas in use by Sydney Trains and their contractors.
- Devonshire Street Tunnel In operation and used by commuters.
- CSR works Rail Institute Works completed.
- ESR Concourse Works completed. Area of Eastern Entrance closed to the public.
- Ghost Platforms (above ESR Platforms 24-25) Works understood to be completed.

Key Construction Activities Look Ahead

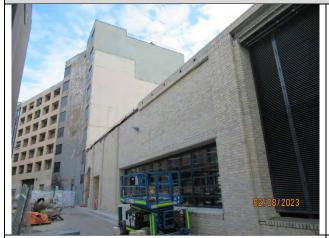
- Very limited activities as described above, mainly comprising defects works and ongoing removal of plant and equipment from the Sydney Yard.
- Ongoing assessment and rectification of fire related damage at the Eastern Entrance.

ER Inspections

There were no formal ER inspections conducted during the reporting period, with only very limited works occurring and most of the works handed over to Sydney Trains of Sydney Metro. Two actions from prior inspections remained open in regard to removal of graffiti in the building next to the Eastern Entrance and identification of a monitoring well in Randle Lane after bitumen placed.

The ER conducted an informal inspection from public areas around the Eastern Entrance area on 2 August.

Photos



Eastern Entrance: View from Randle Lane



Eastern Entrance: View from Randle Street across site of fire in building.



Eastern Entrance: View from Randle Lane



Eastern Entrance: View from Chalmers Street

Endorsed Document/s

Nil during the reporting period.

Non-compliance/Incidents or Repeat Complaints

Nil complaints were reported to have been received during the reporting period.

No Incidents were reported that would trigger reporting under Condition A41 and no non-compliant events were reported or observed by the ER.

Audits

There were no audits conducted during the reporting period.

Summary of Environmental Performance

The project has been handed over to Sydney Trains or Sydney Metro except for the Eastern Entrance where damage is being assessed and rectified after the fire of the adjacent building on 18 May. No formal inspections carried out in the reporting period.

Looking Forward – Core Focus Areas

Nil

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

- July Shutdown (6-16th July 2023): Tree removal and security fencing installation along culvert/canal.
 Low impact with plant limited to elevated work platform (EWP) and hand tools.
- Sydenham Station: Remains under Linewide PC; JHLOR minor defect works ongoing.
- Sydenham Pit and Aqueduct: Pending record of handover / satisfaction of Sydney Water.
- Portuguese Club / Former Fraser Park Ancillary Facility: Pending record of handover / satisfaction of landowner.
- Way Street Laydown: Pending record of handover / satisfaction of Sydney Trains.

Key Construction Activities Look Ahead

- September Possession (23 Sept-6th October 2023): Scope TBC.
- Formalisation of handover of laydown areas back to landowners
- Ongoing defect work
- SSJ scheduled for completion of Construction post-September Possession.

ER Inspections

ER inspections for SSJ now take place as part of the Southwest Metro Corridor (SMC) ER inspections. There were no ER inspections conducted for SSJ in July 2023.

Photos

Nil

Endorsed Document/s

Nil

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 2023 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 minimal and low risk. The SSJ works package is winding down with most scope complete, with mainly defects remaining and limited scope during the September 2023 possession. Records of handover are pending for former laydown areas. Condition completion is a focus dependent on confirmation of no additional variations post-September 2023 possession.

Finalisation of the Specific Element Conservation Management Plan (Deed requirement), Archival Recording Report and Excavation Director's Report were ongoing during the reporting period.

Looking Forward – Core Focus Areas

- Completion of selected Conditions of Approval and Revised Environmental Mitigation Measures
- Completion of the SSJ Compliance Tracking Report (CTR) Q1/Q2 2023.

HBI

3. Line Wide (Tallawong to Bankstown)

Project Approval	Contract Package	EPL	Environmental Representative/s
			representative/s
SSI 7400 (C2S)	Line Wide (Tallawong	#21423 Line	Swathi Gowda
SSI 8256 (S2B)	to Bankstown)	Wide	
SSI 5931 (SMTF)	Systems Connect (SC)	#12208 Sydney	
		Trains	

Key Construction Activities During the Period

Key Construction Activities below (as extracted from SC Reports):

Chatswood Dive Site

- Service installation in the dive building and tunnels; testing and commissioning (T and C) ongoing
- Concrete pour for driveway to track access underway
- Service investigation works
- Structural steel install/cladding works underway for fire pump room and water tank storages
- Nelson Street No works. SC reports design resolution for stormwater connection has progressed further. Works yet to recommence.

Blues Point

Punchlist rectification works received from North Sydney Council. Rectification works yet to commence.

SW Corridor Traction Substation sites:

Dulwich Hill TSS

- Landscaping
- Negative HV cabling is completed

Canterbury TSS

- Electrical works and landscaping
- Negative HV cabling is completed
- Site sheds demobilised.

Campsie TSS

- T and C ongoing
- Negative HV cabling is completed.

Lakemba TSS

- Electrical works.
- Positive structure dressing is completed

Punchbowl TSS

- Landscaping and electrical works.
- Positive structure dressing is completed.

HV Works

- During July possession Zone 21 (Lakemba) and Zone 26 (Bankstown) completed
- Station VLD cabling 7/10 stations have been completed.

Padmount Transformers

- Work on padmounts is 70% complete.
- Cabling to service buildings is 20% complete.

Pat O'Connor (POC) Reserve, Canterbury – No works.

Canterbury - Campsie BPS Joint Bay worksites (during late June/July reporting period):

Cooks Ave Joint Bay worksite reopened for repair work, backfilled and road reinstatement completed.

Southern Dive and SMTF South Marrickville:

- Operational WTP Minor defect works and interim commissioning ongoing
- Administration Building, Maintenance Building and Fire Pump Room Minor defect works
- Stabling Yard Train testing ongoing and defect works.
- Southern Dive- T and C ongoing
- Civil Works: Railway Parade works on hold, pending Ausgrid availability; Streetlight relocation works.

Sydenham Station – T and C ongoing

Surry Hills BPS works

- Frog Hollow Reserve Handed back to City of Sydney Council (CoS) temporarily.
- Randle Lane Joint Bay demobilised (April 2023) Still awaiting recommencement.

Key Construction works/activities Look Ahead

Look-ahead of upcoming activities /works:

- CDS Demobilisation activities including demolition of logistics/spoil sheds, site workshop and WTP.
- Chatswood Utility works on Nelson St and cul-de-sac modification work (TBC).
- Dynamic train testing continuing.
- SMTF S Operational WTP process commissioning (Enviropacific).
- SMTF S (Railway Parade, Marrickville) Ausgrid services relocation pending Ausgrid confirmation.
- Canterbury Campsie BPS Joint Bay worksites: Cable repairs required. Return date TBC (potentially in August).
- Q4 2022/Q1 2023 CTR 5931 (SMTF N) and Q4 2022 CTR (7400 and 8256) reporting and review.

ER Inspections

There were three ER inspections conducted by the ER in July (#161 11/07/2023, #162 18/07/2023 and #163 25/07/2023). Key new issues/actions raised are summarised below:

<u>SMTF South - ER Inspection #161</u> - 11/07/2023 [Tuesday; Total rainfall recorded - 0 mm (11/07/2023) and rainfall previous days to inspection - 0.00mm (7/07 to 11/07)]:

- SMTF S (Edinburgh Rd/ Railway Parade) Additional controls (covering with Geofabric or road plates)
 recommended by ER to minimise the potential tracking of sediment onto the roadway.
- SMTF S (Stockpile area) Long-term stockpiles to be covered using geofabric or polymer.
- SMTF S (Rail track access) Minor tracking of sediment had occurred on the site from possession works and had the potential to enter live drainage. SC agreed to clean the area at the end of the possession works (noting that no rain that was likely to cause runoff was predicted during this period).
- SMTF S Future Commercial precinct Targeted removal of noxious weeds to maintain ESC required
 on batter between SMTF and future commercial precinct and requirements for final batter stabilisation
 to be investigated/confirmed (noting that this was not covered in the design for the area).

Northern Sites - ER Inspection #162 - 18/07/2023 [Tuesday; 0.0 mm rain since 9am and rainfall previous days to inspection - 2.4mm (17/07) and 0.00mm (15/07–16/07)]:

- CDS Minor tagging observed on site hoarding at the time of the inspection.
- CDS Street sweeper mobilised on-site and observed during ER Inspection. Discussed some
 maintenance required to remove material in gutter near site egress. Note raised for SC to provide
 evidence following sweeping.

<u>Corridor Traction Substation sites - ER Inspection #163</u> – 25/07/2023 [Tuesday; 0.0mm rain since 9.00am and rainfall previous days to inspection – 11.6mm (24/07) and 0.00mm (22-23/07)]:

HBI

 Site access/egress (Randall St) – action raised for maintenance (removal) of some sediment build up in gutter and near kerb.

Photos



CDS: Construction WTP disconnected with tunnel water being directed to Marrickville.



CDS: Structural steel install/cladding works underway for fire pump room and tank storages.



CDS: Concrete pour for driveway, to access track.



CDS: Sweeper mobilised.



Dulwich Hill TSS: Landscaping works progressing.



Dulwich Hill TSS: Landscaping works progressing.



Punchbowl TSS: Landscaping works progressing.



Lakemba TSS: Trimming and preparatory works for landscaping underway.



Belmore St Site Compound and Laydown: Cable storage and surrounding area observed to be generally tidy.



SMTF S: Operational WTP – Minor rectification and commissioning work ongoing.



SMTF S - Edinburgh Rd/ Railway Parade: Pedestrian footpath and stormwater works were noted to be completed. Turf had been placed



Cooks Ave Joint Bay: Cooks Ave Joint Bay worksite works are noted to be completed. Note construction cones are related to the site adjacent to Cooks Ave Joint Bay

Endorsed Document/s

- OOHW- 310 GST Strapping Marrickville to Bankstown
- OOHW- 311 HV Cabling at Traction Substation
- OOHW- 312 Southwest Stations VLC Cabling

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 incidents for Line Wide reported to the ER under conditions A41 to A44 of SSI 7400 or A36 of SSI 8256.

No minor Class 3 events reported to the ER, for this reporting period.

One non-compliance reported to the ER in this reporting period and summarised below:

- 5/07/2023 Cooks Ave BPS joint bay worksite- Following investigation of two complains received by Systems Connect (SC) on 5 July 2023 relating to the operation of a sweeper truck by SC's subcontractor out of hours; a non-compliance (NC) was raised against CoA E19 (SSI 8256). SC's Supervisor had organised a street sweeper for 5.30 pm on 5 July following the backfill and demobilisation of the Cooks Avenue joint bay. Street sweeper (organised by SC's sub-contractor) stated that his truck broke down on his way to complete this activity. Stopped to repair truck, when this was completed, he drove to Cooks Ave to carry out street sweeping at 11pm. This activity was undertaken outside of standard construction hours with no out-of-hours permit in place. Following actions completed:
 - Team-wide toolbox delivered on 6 July 2023 by SC's subcontractor on compliance obligations (for OOH) and worker behaviour;
 - Further to above, SC's Construction Manager sent out communication to all SWC subcontractors by way of a reminder on permitted hours of works and expectations around worker behaviour; and
 - SC delivered a toolbox on compliance obligations whilst working outside of standard construction hours and worker behaviour on 19 July 2023.

Complaints in June (for completeness) closed out and during July (this reporting period) are summarised below:

June

27/06/23- CSW - Campsie to Canterbury power upgrade (LWW) -Cumulative impacts; Traffic, Transport
and Parking - Resident is frustrated by cumulative impacts of work. Also stated that the lack of parking
in the street is an issue for her as she has young children.

July

5/07/2023 - Two complaints from Cooks Ave Joint Bay (Canterbury) - Noise and Vibration - OOHW, Notification of work, Worker behaviour, Working Hours: Residents from Cooks Ave (Canterbury) complained that a truck was street sweeping at 11PM. Also that this had happened the previous night (4 July 2023). Refer NC raised following these two complaints received and further investigation; with 4th July sweeping unrelated to SC activities.

Complaints during July unrelated to SC/SM activities:

June

 09/06/23 – Noise and Vibration (Standard Hours) - Resident reported a rumbling sound coming from underneath property, wanted to confirm if noise was related to train testing activity and if this was what could be expected during future operations.

July

■ Nil

Audits

Independent Environmental Audit (IEA) Report submitted to DPE.



HBI

ER Closing Comments and Looking Forward

Key Points:

- Two complaints received in the July reporting period are summarised above, with an NC raised in relation to the two complaints received on 5th July re sweeping undertaken OOH at Cooks Ave (Canterbury) worksite and System Connects actions to address the NC.
- ER notes no complaints related to System Connects works in the SWC from OOHWs during the July Possession period.
- ER continues to closely monitor/review complaints from Canterbury -Campsie BPS worksites and
- ER and SM's Community Team's expectations for proactive management of community near these worksites have been communicated to SC, when SC returns to these areas in future for any cable rectification works.
- Overall, the Project continues to generally perform well, with ER Inspections across this month identifying generally minor actions and improvements.
- The Project Team continue to be responsive to queries/comments raised in document reviews/discussions and any recommendations made by the ER.

Looking forward:

- CDS Demobilisation activities including demolition of logistics/spoil sheds, site workshop and WTP during standard hours (management of noise and dust)
- Chatswood Utility works on Nelson St and cul-de-sac modification work (TBC).
- Canterbury Campsie BPS Joint Bay worksites: Cable repairs required. Return date TBC (potentially in August).

4. TSOM

Project Approval	Contract Package	EPL	Environmental
			Representative/s
SSI 7400 (C2S)	Train Service Operation and	MTS EPL 21247 (Dynamic	Swathi Gowda
SSI 8256 (S2B)	Maintenance (TSOM)	train testing SMTF-N to	
SSI 5931 (SMTF)		Chatswood)	
		LWW EPL 21423	
		(Dynamic train testing	
		Chatswood to Sydenham)	

Key Construction Activities During the Period (July 2023)

Tunnels

- o Finishing works and testing and commissioning
- o Train testing and commissioning (T and C) activities

Stations

- o Platform Screen Doors (PSD) testing and commissioning at all stations
- o Ongoing equipment installation and T and C works in equipment and station rooms.

Sydenham Station

- Ongoing equipment installation and T and C works in equipment and station rooms.
- 8/9 July and 15/16 July -Temporary removal of trackside equipment and installation of cables
- o Dynamic train testing

SMTF-North

Dynamic train testing – SMTF N to Chatswood

SMTF-South

- o Cable tray, cables and cabinet installation in Administration Building
- o Installation of trackside equipment and cable pulling in the yard
- o Train testing between the tunnel, Sydenham Station and SMTF-S

Southwest corridor and stations

- o Cable hauling work and installation of equipment along the corridor
- 8/9 July and 15/16 July Installation of equipment and cables

Key Construction Activities Look Ahead – August 2023

Tunnels

- Finishing works and testing and commissioning
- Train testing and commissioning (T and C) activities

Stations

- o Platform Screen Door (PSD) testing and commissioning at all stations
- o Ongoing equipment installation and T and C works in equipment and station rooms

Sydenham Station

- o Installation of cables and equipment in the services buildings and at the station
- o T and C activities of electrical services, including power, communication and signalling equipment and systems; and PSD
- Dynamic train testing
- o Minor finishing works (26/27 Aug) at Sydenham Station and in the rail corridor

SMTF-North

o Dynamic train testing – SMTF N to Chatswood

SMTF-South

- o Cable tray, cables and cabinet installation in Administration Building
- Installation of trackside equipment and cable pulling in the yard
- Train testing between the tunnel, Sydenham Station and SMTF-S

- Southwest corridor and stations
 - Minor installation works and T and C
- Northern Corridor Connection
 - o Installation of equipment and cable at Chatswood Station platforms, concourse and trackside.
 - T and C of trackside assets between Northern Dive and Chatswood

ER Inspections

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.

For completeness one complaint received in June (09/06/23) is summarised below and closed out following investigation by the Contractor:

- 09/06/23 CSW Tunnels (TSOM) Noise and Vibration Standard hours: Resident reported a rumbling sound coming from underneath property, wanted to confirm if noise was related to train testing activity and if this was what could be expected during future operations. Train testing schedule for Friday 09 June was checked and the train movement did not correspond with the noise complainant experienced (likened it to what was felt when the TBM was going under and every 5 mins between 9-11:30am on 09/06/23). A follow up with complainant again in the following week was undertaken to confirm if Complainant had heard the noise (not heard again) and train testing had been taking place in the tunnels all of that following week.
- The ER is not aware of any complaints or non-compliances during this July reporting period. 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. ISD - Crows Nest

Project Approval	Contract Package	EPL	Environmental Representative/s
SSI 7400 (C2S)	Crow's Nest ISD (CN-ISD) AW Edwards	No EPL	Brett McLennan

Key Construction Activities During the Period

- Steel fixing and scaffolding (Site B and C)
- OSD Site C Scaffolding and concrete pours above level 2- ongoing
- Minor concrete pumping and pouring on Pacific Highway/Clarke Lane
- Site B Services, finishes and fit out of B5 platform, B4 OTE, B3, B2 plant room
- Line Wide Fit-out works on B6
- Public domain work at Clarke Street Oxley Street paving is completed
- Night works for paving works (Willoughby and Hume streets) completed
- Public domain for utilities
- Demolition of the capping beam for Site A
- Demolition of the capping beam for Site B

Key Construction/Activities Look Ahead

- Steel fixing and scaffolding (Sites B and C).
- OSOM deliveries, minor concrete pumping and pouring on Pacific Highway/Clarke Lane
- Services, finishes and fit out of B5 platform, B4 OTE, B3, B2 plant room.
- Line Wide Fit-out works on B6
- Public domain work at Clarke Street
- Public domain for utilities
- Demolition of the capping beam for Site A.
- Demolition of the capping beam for Site B
- Escalator installation.

ER Inspections

There were two ER inspections conducted on 12 and 26 July 2023. The following issues were raised: General

- Footpath access was maintained for pedestrians
- Additional ESC was required for Clark Lane MAF.
- ESC required maintenance in several areas
- Work areas were maintained, and fuel was appropriately stored (good practice)
- Discussed potential noise mitigation measures for scaffold installation on Clark Street
- Discussed dust control from capping beam removal (noting dust was retained onsite during inspection)
- Discussed community respite from non-metro contractors (Comms confirmed an agreement with external contractors – good practice)
- Caping beam removal noted noise blankets could be installed closer to the plant
- Use of truck horn to signal was discussed, noting reasonable alternatives for communicating onsite

Photos



Capping Beam removal – noting ESC required for exposed areas to prevent sediment runoff from site



Clark Lane North removal of capping beam noise mitigation



Clark Lane South – maintenance of ESC required



Clarke Street utility works



Site C egress



Clark Street - noise mitigation for OOH paving work



Clark Street Paving – completed areas



Clarke Street – asphalt tie-in work to gutter

Endorsed Document/s

OOHWA32 - Paving works

Complaints / Incidents / Non-compliance

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 the Crows Nest ISD package below.

The ER is aware of two non-compliances raised during the month and nine complaints relating to Crows Nest ISD work. There were no incidents reported to the ER under conditions A41 to A44 of SSI 7400.

The complaints are summarised as follows:

- One related to respite not provided (noted work was completed two months prior)
- One related to the setup of traffic control
- One related to the tie-in of paving to buildings on Clarke Lane (noting work had not been completed)
- One related to standard hours noise and vibration
- Two related to standard-hour respite periods and not installing noise mitigation (raised by AWE as NCR19)
- One related to worker behaviour including vaping, "lounging" and eating on the footpath
- One related to distribution notices
- One related to out of hours use of power tools

The NCRs were as follows:

- NCR 18 Independent Audit #2 identified noncompliance with CoA C8 (Non-compliance with Section 6.2, 6.3, 6.4, 6.5 and 6.6 of CEMP and sub-plans)
- NCR 19 Public domain works notification and respite

Audits (specific to packages reported in this report)

No ER involvement was requested in audit activity including Independent Environmental Audits.

Looking Forward – Core Focus Areas and ER Closing Comments

Core Focus Areas

Continue to monitor OOHW and adjust as required.

Monitor public domain works for community impacts and ERSED impacts.

ER Closing Comments:

The ER noted that AWE continues to require improvement in monitoring and management of sub-contractor work (noted via NCR19) to ensure that the workforce is following all management plan requirements. Inspections are moving to every three weeks until public domain works recommence and will be undertaken where high-risk work is undertaken.

The main site continues to be generally tidy and implementation of noise mitigation is improving with the exception being works that were part of NCR19.

6. ISD - Pitt Street

Project Approval	Contract Package	EPL	Environmental Representative/s
SSI 7400 (C2S)	Pitt Street ISD (PS-ISD) CPB Contractors	No EPL	Brett McLennan

Key Construction Activities During the Period

Pitt Street South

- Façade and blockwork installation ongoing throughout all levels.
- Installation of glazing and baffle ceilings to the Atrium Entrance on-going
- Blockwork construction progressing well and a focus on level 04
- Facade between Levels 2-5
- Front-of-house works (glazed wall linings, sandstone and finished ceilings) ongoing within paved concourse zones
- Back-of-house fit-outs are ongoing throughout station levels.
- Services are ongoing throughout all project levels
- Testing and commissioning on-going
- Plant room fit out L4/5 75% complete

Platforms and Caverns

- Fit out ongoing lighting, tubes, PSD cladding and tiling
- Service installation
- Escalator fit out
- B04 Terrazzo works ongoing
- Install sandstone panels to the central atrium wall on B04
- Tube ceiling ongoing

Pitt Street North

- Escalator installed, fit out ongoing
- Installation of glazing and baffle ceilings to the Atrium Entrance on-going
- Front-of-house works (glazed wall lining, sandstone and finished ceilings) ongoing
- Back-of-house fit-outs are ongoing throughout station levels.
- Services are ongoing throughout all levels
- Testing and commissioning on-going

Key Construction/Activities Look Ahead

Pitt Street North

- Escalator fit out ongoing
- Blockwork install ongoing
- Façade between Levels 2-4
- Front of house works
- Glazing works ongoing

Pitt Street South

- Installation of façade GRC and Aluminium Louvers across levels 3, 4 and 5
- Façade and blockwork installation ongoing
- Fit out works on B04 to L5
- Sandstone and glazing works and finished ceilings on level B04 and within the atrium zone
- Services and utilities works throughout basement levels and services risers up to level 04
- Escalator installation ongoing
- Relocation of gas main (Bourke Street OOH)
- Utilities OOH works Pitt Street
- Front of house works

Adits and Platform Caverns

GRC (lower internal cladding) panel installation

- Wall and ceiling cladding installation
- Front of house works

ER Inspections

There was one ER inspection on 19 July 2023 (ER inspections are generally on a four-week cycle). Issues of note during the inspection include

- PSS L4 Housekeeping
- PSS façade Eurotower canopy removal of metal wire
- PSS graffiti removal
- PSN Graffiti removal
- PSN ERSED maintenance on Castlereagh St footpath

In general, the sites maintained excellent site housekeeping and pedestrian access maintained around the work sites.

Photos



Pitt St South (PSS): Bathurst Street noting road plates for utility works



PSS: Wire fragments on Eurotower canopy



PSS block wall and façade installation works



PSS Adit sandstone archway entrance to southern escalators and sandstone wall installation



West platform



PSN: glazing works from ground



Pitt Street North (PSN): View from Castlereagh and Park Street



PSN: Level 4 blockwork and facade

Endorsed Document/s

Nil

Complaints / Incidents / Non-compliance

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:

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.

There were no non-compliances or incidents related to the project reported to the ER during this period.

There was one complaint during the period:

• One complaint OOH noise from Castlereagh Boutique Hotel for works on 29-30 June was received during July.

Audits (specific to packages reported in this report)

No ER involvement in audit activity including Independent Environmental Audits.

Looking Forward – Core Focus Areas and ER Closing Comments

Core Focus Areas

OOHW are planned to continue, including utility installations. The relocation of the gas pipeline on Bathurst Street has commenced and utility works on Pitt Street is currently being planned.

ER Closing Comments:

The Project continues to perform well, with minimal complaints related to the project despite the level of activity in surrounding public areas. The project communications team continues to work with regular meetings with stakeholders.

7. ISD - Waterloo

Project Approval	Contract Package	Environmental Representative/s
SSI 7400 (C2S)	Waterloo ISD – John Holland	Swathi Gowda
(Does not include associated		
SSDs)		

Key Construction Activities During the Period

Update provided by Contractor on 20/07/2023:

- Utilities works (Sydney Water scope) Raglan St Watermain prep works commenced 17 July 2023.
- Botany Road lighting installation completed on 28/29 May. Poles at north to be installed under separate outage and OOH application (OOHWA#47)
- Cranage works from Cope Street and internal site ongoing
- General deliveries ongoing
- Minor FRP continuing North end of plaza
- Block work install and fill occurring (above ground)
- Fit out works and service installation ongoing
- Electrical cable pulling in the Station
- Capping beam removal now completed
- Façade installation ongoing
- Civil/Geotech works on Cope Street ongoing
- Civil investigation works on Raglan Street
- Final validation activities (Northern end) to inform Site Audit Statement

Notes only regarding OSD

- South-western and North-western areas handed over to the OSD including site gates on Wellington St/Botany Rd
- Temporary site sheds handed over completely to OSD North of Church
- OSD works ongoing (South-western and North-western areas of the site).

Key Construction/Activities Look Ahead

- Q1 and Q2 2023 CTR review/reporting and scheduled review of Management Plans
- CA to extend Cope St Closure
- DPE Site Visit on 3 August 2023
- Utilities works (Sydney Water scope) Cope Street Water Main works scheduled (Std Hrs) to commence in few weeks
- Botany Road lighting Poles at north to be installed under separate outage and OOH application (OOHWA#47)
- Cranage works and general deliveries ongoing
- Fit out works and service installation ongoing
- Façade installation ongoing
- Civil/Geotech works on Cope Street ongoing

ER Inspections

ER inspections are on a monthly cycle weather permitting. One ER inspection was conducted by the ER on 20 July 2023 [Thursday; total rainfall recorded 0.0 mm for 20/07/23 and rainfall previous days to inspection - 0.2 mm (19/07), 0.0mm (18/07) and 2.4mm (17/07)]. The following new issues/actions raised are summarised below:

- Northern Building Raglan St: Noise blankets installed on ATF along section of Raglan St. Action raised to address minor gaps and flip noise blankets, with absorptive side facing works.
- Northern Building Cope St Compound: Discussed with JHG that material in gutter and on road (within Cope St Site Compound) to be monitored and tidied up. Note raised to provide evidence of tidy up to ER.

Photos



Northern Building –Raglan St: Noise blankets installed on ATF. Action raised to address minor gaps and flip noise blankets, with absorptive side facing works.



Raglan /Cope St: Worksite set-up in progress for civil investigation works on Raglan /Cope St.



Northern Building: Internal fit out and service installation



Cope St Plaza area: Concreting works progressing.



Concourse Level: Internal architectural cladding progressing.



Concourse Level: Internal architectural cladding progressing.

Endorsed Document/s

June (for completeness):

OOHWA #56 Ausgrid Outage 5 Raglan St Rev B

July

- CEMP Rev 4 (minor amendment)
- OOHWA #47 Lighting Install Rev 05
- OOHWA #54 Civil Main Works Rev C

Complaints / Incidents / Non-compliance

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.

There were no incidents 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.

Nil non-compliances (NC) were reported to the ER during this reporting period.

One minor incident reported to ER during June (included for completeness) and no incidents were reported to the ER during July reporting period. Refer summary below:

■ WL ISD (15/06/2023) (Class 3) - Minor hydraulic oil spill (~2L) on hardstand from EWP located North Station Box, northern facade.

Complaints from end June (included for completeness) and complaints during July (the reporting period are summarised below:

June

- 24/6/2023(#4816) Noise and Vibration (Standard Hours) Noise complaint from new resident (Cope St) regarding OOHW completed over the last week. Attended noise monitoring on 30 June during night shift was conducted and found that levels were consistent with the relevant permits. S&CLM provided an update on the weekly construction activity and encouraged the new resident to sign up for weekly updates.
- 29/06/23 (#4815) Noise and Vibration (OOHW) Noise complaint received from neighbouring resident who was unable to sleep and wanted to know what time works would be completed. S&CLM called resident and confirmed that works would be finished in 30 minutes and apologized for the noise.

<u>July</u>

- 10/07/23 (#4842) Noise and Vibration (OOHW) OOHW noise complaint from resident (Cope St), who recently moved to an apartment adjacent to the Project. Same complainant as #4816. S&CLM called resident to confirm that OOHW took place at the Raglan/Cope St intersection to remove the redundant HV kiosk. S&CLM to arrange for resident to receive customs earmolds and offered a respite voucher which the resident accepted. Resident informed S&CLM that they would look for a new rental as they had not been informed about the project's scope before signing their lease agreement.
- 12/07/23 #4852 Traffic, Transport and Parking Resident received a phone call from the police to move his car parked on Buckland St, for two days after traffic controllers were unable to identify the car owner. Resident was dissatisfied from the response from the call operator and complained that parking has become increasingly difficult in the area due to an influx of construction workers.
- 21/07/23 #4885 Noise and Vibration OOHW New resident (recently moved to the area on Cope St) complained about noise from water main works on Raglan St. Noise monitoring conducted at commencement of water main works on 18 July 2023 and verified predicted noise levels were consistent with the OOHW permit. S&CLM shared feedback with the distribution company that resident claimed not to receive notification and subscribed resident to weekly e-newsletters. S&CLM emailed resident with an update on their subscription, OOHW and complaint process, as requested.

Complaints unrelated to WL ISD/SM activities in June (for completeness) and during July reporting period:

Nil

Audits (specific to packages reported in this report)

No ER involvement in audit activity including Independent Environmental Audits.

Looking Forward – Core Focus Areas and ER Closing Comments

Core Focus Areas

- Continue to review/monitor OOHWs planned, approved and promote the inclusion of noise mitigation wherever practicable.
- Continue to review/monitor complaint numbers, Contractor's response and issues.

ER Closing Comments:

- In the July reporting period complaints reduced from June reporting period with complaints noted from two new residents/stakeholders on Cope St.
- ER notes following Community related activities reported by JHG Archaeological open day (OSD focussed) on 7/07/23; and Community Connect event (ISD focussed) on 20/07/2023; with queries from attendees relating largely to Station opening.
- On balance, the Project has performed generally well throughout the period and continues to be responsive to queries/comments raised in document reviews/discussions.

8. ISD - Victoria Cross

Project Approval	Contract Package	EPL	Environmental Representative/s
SSI 7400 (C2S)	Victoria Cross ISD (VC-ISD) Lend Lease (LL)	No EPL	Swathi Gowda Michael Woolley

Key Construction Activities During the Period

Construction Activities - Update provided by LL on 2/08/2023:

VC North (VCN):

- Fit out works and services within the shaft and building
- South capping beam at McLaren Street (scheduled to be completed first week of Aug 2023)

Station Cavern:

- Blockwork and paving
- Station fit out

VC South (VCS):

- Miller Street Stormwater works under OOHW18 completed
- Denison Street Main stormwater works completed; local stormwater work ongoing
- Removal of existing stormwater and waterproofing
- Low rise retail/commercial at Level 4
- Services and fit out below the top deck

Key Construction/Activities Look Ahead

- VCS Capping beam removal expected to commence mid-late August on North side (during Standard Construction Hours with respite)
- Local stormwater work at Denison St
- Victoria Cross South site Ongoing OOHW (evening and weekend) extended to Jul Sep 2023
- Victoria Cross North site Ongoing OOHW (evenings/weekend day OOH) extended to Jul Sep 2023

ER Inspections

ER inspections are on monthly cycle weather permitting. The following ER Inspections were undertaken in June (included for completeness) and July with summary of new issues/notes raised below:

<u>ER Inspection #35</u> - 14/06/2023 including DPE visit [Wednesday; 0.00 mm rain since 9am and rainfall previous days to inspection -0.0mm (11/06 - 13/06)]:

- VCN (McLaren St): Worksite set-up with noise blankets for Capping Beam removal. Action raised for noise blankets to be flipped to ensure absorptive side is facing the works.
- VCS (Miller St Stormwater worksite and Denison St): Action raised to remove any ERSED controls that were redundant/damaged (in trafficable area).
- VCS (Miller St): Note raised to assess/relocate footpath closure signage on Millet St to improve and ensure adequate room for passengers (pram/disabled access) alighting from buses.

ER Inspection #36 - 31/07/2023 [Monday; 0.00 mm rain since 9am and rainfall previous days to inspection - 0.0mm (11/06 - 13/06)].

- VCN (McLaren St Pedestrian access, adjacent to capping beam worksite): Action raised regarding general housekeeping and sweeping required of gutter, section of footpath and around tree (including removal of cigarette butts, nails and litter).
- Miller St and Denison St: Action raised regarding general housekeeping and sweeping required of previous Stormwater worksite, gutters (including removal of cigarette butts, build-up of fines) and removal of damaged sediment bags.

Photos



VCS: Preparatory works for escalator install underway for future split access onto Miller St and Denison St.



VCS Miller St Stormwater worksite: Stormwater works on Miller St within the footpath completed.



VCN: View of Capping Beam removal worksite



Station Cavern: Victoria Cross signage installed on Station Platform.



Station Cavern: Platform tiling works underway



Station Cavern: Platform tiling and grinding works underway; with dust from tile grinding captured





Station Cavern: Escalator installation/ testing continuing.

VCS: Miller St Level 00 – future public access area.

Endorsed Document/s

Including June (for completeness) and July below:

June

- Vic X EHS Plan Environment Health and Safety Plan (Rev 13) for Victoria Cross
- OOHWA #18 Miller St Stormwater Rev 7

July

Nil documents endorsed.

Complaints / Incidents / Non-compliance

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.

There were no incidents 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.

- HBI
 - Nil incidents reported to the ER during this reporting period.
 - Nil non-compliances reported to the ER during this reporting period.

Project related complaints in June (for completeness) and during July (this reporting period) are summarised below:

June

Nil

July

- 19/07/23 Vic Cross ISD Noise and Vibration (OOHWA) Stakeholder who had moved out of the area wanted to understand if any compensation is provided to landlords for the noise as his rent was continually being raised. Stakeholder was contacted stakeholder and advised no compensation is provided to landlords and was appreciative of the call.
- 26/07/23 Vic Cross ISD Noise and Vibration (OOHWA) Resident from Berry St complained about noise (has complained previously for e.g.: in March and is known to Project Team) and hearing sounds like metal saw cutting, concrete drilling, scaffolding hammering up to 3:30am Wednesday morning. Resident has heard this type of noise over the last few weeks. Further investigation, review of OOHW17 (structural works estimated to be completed in 2-3 weeks' time) and noise monitoring results undertaken, with LL Environmental Manager contacting the complainant.

Complaints unrelated to LL/SM activities in June (for completeness) and July (this reporting period):

June

26/06/2023 - Vic Cross ISD - Noise and Vibration (OOHW) Complaint received from resident regarding noise. Resident is hearing loud machinery humming noise 24 hours a day. She stated it has only started recently and questioned the approval process, asking how work is allowed to be overnight long term. Further investigated and deemed unrelated to SM/LL activities.

July

08/07/23 - Vic Cross ISD - Worker behaviour- Email received to advise of a construction worker who tailgated residents to park in the Harvard building carpark. LL investigation could not identify the worker or vehicle to confirm if they were an employee on the Project. Deemed unrelated to SM/LL activities.

Audits (specific to packages reported in this report)

No ER involvement in audit activity including Independent Environmental Audits.

Looking Forward – Core Focus Areas and ER Closing Comments

Core Focus Areas

- VCS Capping beam removal expected to commence mid-late August on North side (during Standard Construction Hours with respite)
- Victoria Cross South site Ongoing OOHW (evening and weekend) extended to Jul Sep 2023
- Victoria Cross North site Ongoing OOHW (evenings/weekend day OOH) extended to Jul Sep 2023
- Continue to review/monitor OOHWs planned/approved and promote the inclusion of noise mitigation wherever practicable.
- Continue to review/monitor complaint numbers, any associated NCs and issues.

ER Closing Comments:

- Complaints received during the reporting period are summarised above. For complaint on 26 July 2023, ER /AA recommended that LL offer noise monitoring at the complainant's residence and for LL to provide outcomes to ER/AA.
- ER notes no complaints received from capping beam removal works at VCN (McLaren St side) undertaken during Standard Hours and from OOH stormwater works completed at VCS (Miller St).
- Project continues to be responsive to queries/comments raised in any document reviews/discussions during the reporting period.

9. ISD - Martin Place

Project Approval	Contract Package	EPL	Environmental Representative/s
SSI 7400 (C2S)	Martin Place ISD (MP-ISD) Macquarie Bank/Lend Lease	No EPL	Michael Woolley / Rui Henriques

Key Construction Activities During the Period

Martin Place South (MPS)

- Ongoing construction (FRP) of walls; columns, beams, and floor slabs
- Installation of building façade
- Other general construction activities including fit out of the lower floors of the building
- Ongoing use of new temporary pedestrian crossing of Martin Place between Elizabeth and Castlereagh Streets under B Class Hoarding
- General OOHWs
- Concrete pumping from Castlereagh Street
- Works in the public areas of Martin Place

Martin Place North (MPN)

- Various building work activities comprising various fit out and other activities.
- Various works including fit out within the SSD approved project (well above the SSI7400 finished elevation)
- Tower crane operating adjacent Elizabeth Street
- Operation of concrete pumps from within the building, when required
- Installation of various escalators

Station Caverns and Adits

- Fit out activities including installation of panelling, services, escalators and fire safety systems
- Line Wide works in the station caverns separated from Lend Lease activities including testing of trains
- Works to access the Martin Place station on the ESR
- Stations near complete

Key Construction/Activities Look Ahead

- Activities as described above ongoing
- OOHWs in vicinity of Martin Place public areas and in the general site vicinity

ER Inspections

One ER inspection was conducted during the reporting on 21 July. No issues were raised during the inspection. Site activities continue to be repetitive in nature and are building related works rather than civil works.

Photos



Martin Place South: View from Martin Place street level east of Elizabeth Street. Ongoing façade construction.



Martin Place South: View from Martin Place west of Castlereagh Street. Concrete pumping from Castlereagh Street.



Martin Place: Escalators to the Martin Place station on the Eastern Suburbs line



Stations: Ongoing fit out of the station platforms.



Caverns: Escalators to Martin Place south exits



Martin Place South: Ventilation units for the platforms and stations.



Endorsed Document/s

■ MP-ISD OOH100 Sydney Metro OOH Works Application Form - 50MP public domain works Rev 2

Complaints / Incidents / Non-compliance

One complaint was reported to have been received during the reporting period. On 7 July 2023, a complaint was received regarding lack of access to the station. This was not related to Sydney Metro works.

No non-compliances were reported to or observed by the ER during this reporting period for the Martin Place site. There were no incidents reported to the ER under conditions A41 to A44 of SSI 7400 for Martin Place.

Audits (specific to packages reported in this report)

No ER involvement in audit activity including Independent Environmental Audits.

Looking Forward – Core Focus Areas and ER Closing Comments

Nil

HBI

10. Barangaroo Station (BESIX Watpac)

Project Approval	Contract Package	EPL	Environmental Representative/s
SSI 7400 (C2S)	Barangaroo Station (BESIX Watpac)	No EPL	Jo Heltborg

Key Construction Activities During the Period

Civil:

Zone 1 (Main Site):

- Clean-out of the twin H01-02 pipes to harbour complete and outlets operational.
- Water Treatment Plant (WTP) filter cake stockpile removed from site (classified as General Solid Waste GSW); Material import (VENM), stockpiling and use for backfill at utility work sites ongoing.
- WTP set-up in new location complete. Cutover complete and water quality monitoring results under review
- Temporary WTP (TWTP) decommissioned and removed from site
- Stage 2 condensed water scope ongoing (pipe and pit installation); Asbestos in soil management and clearance
- Construction of station escalator and elevator canopies ongoing.

Zone 2 (former Shark's Fin):

- Connection of condensed water mains and testing to final pit; complete; Backfill of the shark's fin complete.
- Construction of Street D ongoing; Construction of station escalator and elevator canopies.

Zone 4 (Hickson Road wall):

 Service installation (stormwater, gas, water mains, sewer); backfill around ventilation pods almost complete.

Zone 5 (The Cutaway):

- Landscaping and sandstone block replacement ongoing in Zone 5
- Scaffold bridge remained in use, with pedestrian diversion in place.

Zone 6 (Hickson Road, under bridge):

- Backfill of the northern shaft complete.
- Demolition of the acoustic shed ongoing; almost complete (including works under OOHWA-018)
- Generator in place and operational for electrical outage to the Cutaway (under OOHWA-017)
- Sydney Harbour: Rock removal from the future condensed seawater inlet on the northern side of Nawi Cove ongoing.

Station Box:

- Installation of sandstone and aluminium wall cladding on Level B3 and Platform Level B6 / architectural finishes
- Train testing at low speeds commenced
- Lift and escalator installation ongoing
- Services installation (electrical, fire, hydraulics)
- Installation of ductwork and containment
- Tracks, sleepers and platform screen doors complete on Level B5/B6.

Key Construction Activities Look Ahead

- Southern Hickson Road realignment
- Completion of condensed water main installation and connection
- Installation of Gross Pollutant Trap (GPT) and management of acid sulphate soil (ASS)
- Consistency assessment for ongoing use of the WTP after construction completion.

ER Inspections

There was one inspection conducted by the ER in July 2023 (27/7/23). Issues raised and discussed were as follows:

- HBI
 - Methodology for the removal of components attached to Hickson Road wall during demolition of the acoustic shed to reduce potential impacts to heritage structures, tool-boxing of personnel and review of dilapidation assessments for potential damage.
 - Suggested improvements in dust suppression techniques during concrete demolition.
 - The maintenance of clean internal haul roads / scraping back of hardstand.
 - The management of concrete slurry during concrete sawing on Hickson Road.
 - The compliant storage of hazardous chemicals.

Photos



Stockpiling in the main laydown area – stockpiles not in use to be covered



Hardstand to be scraped back where possible to reduce dust risk





Demolition of the remaining eastern sections of the acoustic shed – investigation for potential damage to be conducted







Landscaping including tree replacement
commenced in Zone 5

Architectural finishes in station box

Endorsed Document/s

HBI

- BR-OOHWA-017 HV Outage The Cutaway Rev02, 12/7/2023
- BR-OOHWA-020 Zone 6 Services R01, 21/7/2023

Non-compliance/ Incidents or Repeat Complaints

There were no incidents for Barangaroo Station reported to the ER under condition A41 of SSI 7400 for the period.

There were no Class 3 environmental incidents reported to the ER for Barangaroo Station for the period, though two potential incidents (heritage and water quality) are under investigation.

There were no non-compliances (NCs) reported to the ER for Barangaroo Station for the period.

The ER is aware of three complaints received in July 2023 related to BESIX Watpac works:

- Complaint ID 4870 (Received 17/7/2023, Reported 18/7/2023): Resident called to complain about out of hours noise at 9.16pm during demolition of the acoustic shed. The noise of concern was an "impact drill and dropping steel to the ground", up to 1-2am. An investigation found that a rattle gun and mobile crane was in use for the first time during the activity. A review of methodologies and noise monitoring was undertaken and the work has since been completed.
- Complaint ID 4871 (Received 17/7/2023, Reported 18/7/2023): Resident called to complain about out of hours noise at 9.58pm during demolition of the acoustic shed. The noise of concern was an "screwing and/or cutting of beams". An investigation found that a rattle gun and mobile crane was in use for the first time during the activity. A review of methodologies and noise monitoring was undertaken and the work has since been completed.
- Complaint ID 4882 (Received 20/7/2023, Reported 20/7/2023): Resident from Kent Street called to complain about out of hours noise at 2.46am. The complainant was unable to be contacted to obtain more information about the type of noise heard, but it understood a vac truck was in use in Zone 5 (near the Cutaway) at the time. An Environmental Alert was issued and distributed by the Contractor. The ER and AA have suggested that as Wednesday nights are for providing respite in between potentially high noise work shifts on either side (up to midnight), the types of work allowed on respite nights should be reviewed and agreed. A meeting has been scheduled to discuss this issue, as well as an overall discussion of the OOHW program.

Audits

No ER involvement in audit activity including Independent Environmental Audits.

Summary of Environmental Performance

The following key points were discussed during the period:

- Previous open actions including suggested improvements to construction site access signage at the vehicular site access / southern end of Hickson Road.
- OOHW for service installation on Hickson Road and works in Zone 5 including 24/7generator use to power the Cutaway.
- Stormwater diversion works on the Hickson Road wall and correspondence with the Excavation Director.
- Confirmation of source site for VENM import, and associated records.
- Approach to the management of liquid waste / sludge generated from the TWTP.
- Unexpected asbestos finds, process, waste tracking and clearance.
- Progress on demolition of the acoustic shed and other upcoming OOHW.
- Potential for damage to heritage structures including bridges, fencing and Hickson Road wall during acoustic shed demolition; Provision of Toolbox Talk records.
- Status of the Southern Entrance works (on hold as of 28/6/2023).
- Consistency Assessment and potential impacts associated with the future temporary operational use of the WTP.

11. Sydenham to Bankstown Sydney Metro Corridor (SMC) and Bankstown Early Works (BEW) and Additional Corridor (BAC)

Project Approval	Contract Package	EPL	Environmental Representative/s
SSI 8256 (S2B)	Southwest Metro Corridor (SMC)	#21147	Jo Heltborg

Key Construction Activities - During the Period

- July Shutdown (6-16th July 2023): Day shift activities only. No night works conducted.
 - o Underline Crossing (ULX) installation across project (x12 locations) 100% COMPLETE
 - o Segregation fence panel installation and drilling (Marrickville to Campsie) 90% COMPLETE
 - o Bridge works at Church Street, Hurlstone Park and Duke Street Canterbury 82% COMPLETE
 - o Sundry activities e.g. installation of vortex protection for works on the Metro side of track for the Weekend 9 Possession (WE09) 100% COMPLETE
 - o Combined Service Route (CSR) installation at Bankstown Station Metro Services Building (MSB) 100% COMPLETE
- Commencement of JHLOR Stations scope including bracket/beam installation (clamping type) for CCTV etc. at Hurlstone Park, Canterbury and Lakemba 54% COMPLETE
- Monitoring and dewatering of Combined Service Route (CSR) pits (existing cables are not designed to be submerged).
- Detailed design for security fence installation ongoing, including tree impact assessment.
- Three caravans delivered to MSB sites as office facilities at Belmore (Minor Ancillary Facility (MAF)),
 Wiley Park MAF and Punchbowl (Pre-approved EIS compound).
- Excavation (ULX) activities close to 3 Archaeological Management Zones (AMZs) at Marrickville, Belmore and Lakemba. Archaeological monitoring conducted – no unexpected finds encountered.
- Works near threatened ecological communities (TEC) at Wiley Park and Punchbowl no impacts to TEC.
- No noise exceedances during the July Possession; No complaints related to JHLOR works; 2 minor Class 3 environmental incidents (oil leaks).
- Post-July Possession survey of tracks at ULX locations (Day shift).

Key Construction Activities Look Ahead

 To be advised pending confirmation of future scope, including at stations after station contractors have demobilised.

ER Inspections

There was one ER inspection conducted in July 2023 (18/7/2023). There was one ER action raised during the inspection, which was in relation to parking of a site caravan in a proposed Minor Ancillary Facility (MAF) area in Wiley Park prior to approval of the MAF Assessment. Shade cloth had also not been placed around the MAF in accordance with the planning approval. NB: The caravan was not operational.

ER inspections continue at monthly intervals due to limited activities and low environmental risk, as determined by JHLOR and Sydney Metro in consultation with the ER.

Photos





Caravan on site at Wiley Park Minor Ancillary Facility (MAF) for use during JHLOR PC of MTR MSB Fit-out





Swale well maintained at the JHLOR Canterbury Compound

Storage of Quenos pipe contaminated with asbestos and coal tar (awaiting disposal in QLD)

Endorsed Document/s

- SMC Construction Environmental Management Plan (CEMP) Rev17, 3/7/2023
- SMC Construction Soil and Water Management Plan (CSWMP) Rev15, 3/7/2023
- SMC Construction Noise and Vibration Management Plan (CNVMP) Rev12, 3/7/2023
- SMC Construction Heritage Management Plan (CHMP) Rev16, 3/7/2023
- SMC Visual Amenity Management Plan (VAMP) Rev09, 3/7/2023
- SWMC Ancillary Facility Checklist Belmore MSB A19 Rev03, 13/7/2023
- SWMC Ancillary Facility Checklist Wiley Park MSB A19 Rev03, 21/7/2023

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 SMC.

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 two Class 3 environmental incidents reported to the ER during the period:

• SMC-INC-037, and 038 (Minor oil spills): During the July Possession there were two minor oil spills reported. The volume of the spills was generally <0.5L to ballast and contained with no impact offsite. Oil spills were immediately reported and investigated with no environmental harm. Oil spills were



treated with Oilgone200 and affected plant repaired. Evidence of action close-out was provided to Sydney Metro and the ER.

The ER is not aware of any complaints received in July 2023 related to the SMC works.

Audits

No ER involvement in audit activity including Independent Environmental Audits.

Summary of Environmental Performance

Environmental risks on site are generally low and limited to possessions.

Tree impact is being re-assessed by a review of security fencing alignment, and re-design where possible to reduce.

JHLOR will be Principal Contractor (PC) for TSOM works on the Metro Services Building (MSB) at stations along the S2B alignment. This involves the use of caravans as site offices within approved compound and ancillary facility locations at each MSB. It is understood that station contractors have demobilised but will continue with smaller pieced of scope and defects under Sydney Trains PC until further decisions are made for future work.

Looking Forward – Core Focus Areas

- Management of ERSED controls generally
- Management of noise during OOH Work (possessions)
- Completion of the Q1/Q2 2023 Compliance Tracking Review (CTR)
- Redesign to reduce tree impact for security fencing.

HBI

12. Marrickville, Canterbury and Lakemba Station Upgrades (MCL) (HSEJV)

Project Approval	Contract Package	Environmental Representative/s
SSI 8256 (S2B)	Marrickville, Canterbury and Lakemba	Brett McLennan
	Station Upgrades (MCL) (HSEJV)	

Key Construction Activities During the Period

July Shutdown 6 (06 July to 17 July 2023) completed

Marrickville:

- MSB external works, boundary fencing, irrigation works, landscaping and FRP driveway completed
- Rectification works ongoing
- Removal of site compound commenced

Canterbury:

- Services connection in MSB and platforms lights, fire, mechanical and communications Ongoing
- PUMS connections ongoing
- Tactile replacement ongoing
- Lift and concourse cladding ongoing
- Painting footbridge and concourse steel ongoing
- Hearing loops completed
- Testing and commissioning ongoing
- Rectification works ongoing
- Removal of site compound commenced

Lakemba:

- Hearing loops completed
- Car park construction ongoing
- Landscaping ongoing (some car park planning remaining)
- MSB and platform electrical and equipment installation works ongoing
- Rectification works ongoing
- GST finalisation works completed
- Removal of site compound and turf replacement commenced

Key Construction Activities Look Ahead

All sites

- Planning for August Shutdown (WE09 26/08/2023) expected to be low impact work
- Principal Contractor handover

Marrickville

- Removal of the site compound
- Defect repairs

Canterbury

- Services connection in MSB and platforms lights, fire, mech and comms
- PUMS connections
- Lift commissioning works
- Concourse cable containment
- Completion of light installation around the station
- Rectification works
- Demobilisation of compounds

Lakemba

- MSB and platform electrical and equipment install works
- Rectification works
- Demobilisation of compound
- Car park reinstatement work

ER Inspections

One ER inspection was conducted for MCL on 14 July 2023 to target Shutdown 6. Issues raised during the inspections included:

Canterbury:

- Charles Street Compound ESC had been removed from the compound stormwater drain to clean the compound and sediment-laden water had entered the drain. It was noted that the controls were removed as the inspection commenced and that the stormwater pit outflow pipe was not impacted. HSEJV immediately stopped work and reinstated temporary controls. A sucker truck was onsite within an hour to remove sediment-laden water from the stormwater pit. This was raised as NCR 052
- Hydroseeding growth was sporadic, and the area was to be monitored to determine if reapplication was required.

Lakemba

It was noted that some noxious weeds had grown with the CESS embankment and required removal.

Photos



Marrickville MSB – Driveway tie-in and footpath upgrade



Marrickville MSB – Preparation for landscaping north side of MSB



Canterbury East MSB -hydroseed sporadic growth



Canterbury Compound – Sediment-laden water in stormwater pit.



Lakemba - noxious weeds required removal



Lakemba – Landscaping east of the MSB completed.

Endorsed Document/s

Nil

Non-Compliance/Incidents or Repeat Complaints

Sydney Metro has been providing daily summaries of complaints to the Department of Planning and Environment (DPE) 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.

The ER is aware of one minor incidents (and the associated NCR) and four complaints. No incidents were reported to the ER under condition A36 of SSI 8256.

NCR052 was raised for Canterbury for removing sediment controls and hosing sediment-laden water into a stormwater pit, noting that water had not entered the pit outflow. HSEJV immediately arranged for a sucker truck to clean stormwater pits and clean the area, with ESC controls reinstated the same day. The site and sub-contractors company involved were tool boxed on the incident.

Four complaints were raised during Shutdown 6 at Canterbury for OOH noise, found to not be related to Sydney Metro activities.

Audits

No ER involvement was requested in audit activity including Independent Environmental Audits.

ER Closing Comments and Looking Forward – Core Focus Areas

The ER has continued to hold meetings with HSEJV and Sydney Metro to discuss the ongoing issues. Focus on ESC, weed control, demobilisation and PC handover.

The ER notes that the sites are generally stabilised with landscaping works and demobilisation ongoing during August. Sites have moved on to a three-week inspection to target demobilisation and possessions.

Looking forward:

- Continued implementation checks for CEMP and sub plans, focusing on noise and ESC
- Inspection stabilisation of landscaped areas
- Demobilisation inspections.

13. 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	Brett McLennan
	Upgrades (HBW) (Downer)	
	Dulwich Hill Campsie and Punchbowl Station	
	Upgrades (DCP) (Downer)	

Key Construction Activities During the Period

July Shutdown 6 (06 July to 17 July 2023) completed

Hurlstone Park

- Bike hoops installed
- Rectification to platform tactiles, platform drainage, glazing and heritage bollard installation completed
- Concourse furniture installation completed
- Grouting platform stairs completed
- Asphalt P1 under concourse, lift ½, and earth rod completed
- MSB fire damper installation completed
- MSB –fit-out works continued
- MSB ramp 95% completed, Permanent gates to be installed
- MSB landscaping works are 95% completed
- MSB Brick walls and drainage ongoing (95% completed)
- High-Level Containment at the concourse continued
- Lift installation for platforms one and two ongoing
- Stair canopy fit out completed
- Rectification works ongoing

Belmore

- Tactiles rectification completed
- Rectification work where required
- MSB area handed over to JHLOR

Wiley Park

- Defect works at MSB and station ongoing
- MSB area handed over to JHLOR

Dulwich Hill:

- Plaza Landscaping Footpaths, Paving Base Slab completed, 80% complete
- MSB fit-out works Services Containment, Partitions and Linings, mechanical unit install electrical works ongoing
- MSB façade brickwork completed
- MSB to platform cable pulling completed
- Tactile replacement completed
- Footbridge roofing, glazing, roof structure and waterproofing completed. Drainage and tiling work ongoing.
- Fit out to footbridge electrical
- Electrical works on the platform ongoing
- Lift commissioning works ongoing
- Rectification works ongoing
- Installation of solar panels on MSB completed

Campsie:

- Concourse MEP, Rough-In Works 90% completed
- MSB ducting installation (design changes) and mechanical fit-out ongoing
- Anti-graffiti pain ongoing
- GST at MSB rectification work ongoing
- Concourse mesh screen installation completed
- Concourse paving work complete paving requires seal coating
- Station room aircon, bike room and shop 3 ~80% completed
- Canopy containment works completed
- Platform 2 PID and DEC footing completed
- Installation of the station building, and concourse distribution boards completed
- GST Dropper at MSB ~30% completed (on hold pending Sydney Trains input)

Punchbowl:

- MSB fit out continued
- Platform fit out ongoing
- Lift commissioning continued
- Platform Station and defects ongoing

Key Construction Activities Look Ahead

All Stations

- Planning for August Shutdown (WE09 26/08/2023) expected to be low-impact work
- PC handover to holding contractor as the site is completed
- Defect repairs

Dulwich Hill

- Footbridge paving
- MSB Chiller Pad strip/backfill area
- Plaza completion

Hurlstone Park

- High-level containment/cabling at Concourse
- Complete the second lift installation
- MSB fit out

Campsie

- Station Platform MEP, Rough-In Works
- Bike rack installation
- Concourse Internal building fit-out + shops
- Concourse Lights installation at the canopy
- MSB Anti-graffiti paint

ER Inspections

One ER inspection was conducted for HBW and DCP on 14 July 2023 to target Shutdown 6. Issues raised during the inspections included:

Punchbowl

- It was noted that work was occurring to re-level the ballast in the compound. Re-statement of ESC was discussed with Downer.
- Ongoing construction rubbish clean up of cess areas.

Dulwich Hill

- It was noted that brick-cutting works in the MSB and Plaza had dumped washout onto the site and no ESC was between the washout and Ewart Lane. Downer cleaned up the area and installed controls.
- It was noted that a non-silenced generator was running without noise mitigation, Downer turned off the generator and installed noise mitigation.
- It was noted that the closure of the two-hour car parks had occurred without approval (previously raised as NCR031).
- Minor ESC maintenance was required.

Hurlstone Park

Storage of chemicals (paint and fuel) in the MSB required bunding.

Campsie

• It was noted that utility installation works continued within the Cess. Downer was reminded to protect trees within the work zone and to remove items stacked against the tree trunk.

Wiley Park

- ESC required maintenance within the CESS embankment east of the MSB.
- It was noted that the Boulevarde compound area had not been stabilised. Fencing works were incomplete along the cess, and the batter was left exposed to ERSED issues.
- Ongoing weed maintenance required

14. Sydney Metro Retained Obligations (SM)

Project Ap	proval	Contract Package	EPL	Environmental Representative/s		
SSI 7400 SSI 8256		Sydney Metro Retained Obligations (SM) /Other	Not applicable	Jo Robertson		
Key Constru	<u> </u>					
SM	,					
ER Inspection	ns					
SM	■ Nil					
Endorsed Do	cument/s	5				
SM	- Nil					
Non-complia	ance/ Inci	dents or Repeat Complaints				
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 incidents raised by the ER against Sydney Metro for the period. There were no noncompliances reported to the ER against Sydney Metro during the reporting period.						
Audits						
SM	Independent Audit Program: IEA 1 and IEA 2 have both been submitted to DPE within the required 6 week timeframe. IEA 3 identified 1 new non-compliance against the Crows Nest ISD Contractor for not implementing training programs in accordance with the CEMP (refer to CN report).					
Looking Forward – Core Focus Areas						
SM	-	ney Metro Southwest team is re g the Government's announcen version.				

15. Statement of Limitations

Healthy Buildings International (HBI) has prepared this report in accordance with the requirements of Condition A24(I) 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 and Environment (DPE) 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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