

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

8 May 2023
Ref: 170108-ER_DPE April 2023

Dear Rob

RE: Sydney Metro City and South West – ER Monthly Reports for April 23

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

- Condition A24 (l) 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 **April 23**.

Yours sincerely



Jo Robertson
Environmental Representative

Cc: Sydney Metro: Carolyn Riley, Fil Cerone, Dylan Jones, Ann Paterson, Julia Diamond, Chris Berg, David Virtue

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



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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 Box – Ongoing use of Platform 12 by the public. Operation of ventilation fan in the Chillers and Ventilation Building. Ongoing fit out and commissioning of Metro Platform and other levels. Operation of permanent stormwater system.
- Central Walk – Opening of the Central Walk to the public.
- North-South Concourse – Ongoing fit-out activities. Use of walkway for public through the concourse.
- Sydney Yard – Small capacity WTP operating to treat some surface waters. Truck access; laydown. Reduced activities due to reduced works on the project. Some areas handed over the Sydney Trains and their contractors.
- Northern Concourse – Ongoing fit out activities at intersection of Northern Concourse and Metro Box area.
- Eastern Entrance – Ongoing fit out of the building and escalators. Ongoing use of the footpath within the site hoarding in front of the site on Chalmers Street. Works in the footprint of Randle Lane.
- Devonshire Street Tunnel - In operation and used by commuters.
- CSR works Rail Institute – Works completed.
- ESR Concourse - Ongoing fit out activities. Public pedestrian access moved onto some completed areas.
- Ghost Platforms (above ESR Platforms 24-25) - Ongoing electrical, ventilation and other fit out.

Key Construction Activities Look Ahead

- Ongoing activities as described above

ER Inspections

There was one ER inspection conducted during the reporting period on 5 April 2023. Minor issues were raised regarding removal of graffiti; use of an area of footpath on Chalmers Street; and ensuring road restoration works were conducted to ensure access to property.

Photos



Eastern Entrance: View from Randle Lane of brick wall at rear of building.



Eastern Entrance: View of the front of the Eastern Enracc on Chalmers Street.



North/South Concourse: Pedestrian walkway in place. Ongoing fit out

Central Walk: Open to the public.



Platform 14: Ongoing fit out of canopy and other areas

Metro Platform: Ongoing fit out activities.

Endorsed Document/s

- Nil

Non-compliance/ Incidents or Repeat Complaints

Two complaints were reported to have been received during the reporting period, however, upon investigation the complaints were not related to Sydney Metro works at Central. No Incidents were reported that would trigger reporting under Condition A41 and no non-compliant events were reported or observed by the ER.

Audits

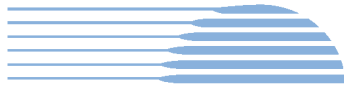
There were no audits conducted during the reporting period.

Summary of Environmental Performance

Good environmental performance was generally observed, noting no incidents reported and only low risk issues identified during inspections.

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			
<ul style="list-style-type: none"> ▪ Sydenham Station: Remains under Linewide PC; JHLOR minor defect works ongoing. ▪ Portuguese Club / Former Fraser Park Ancillary Facility: In use by another contractor. Record of formal handover pending / satisfaction of landowner. No environmental issues remain open. ▪ Way Street Laydown: All JHLOR materials removed, including sandstone blocks. Excavated Natural Material (ENM) Classification complete. Pending record of handover / satisfaction of Sydney Trains. ▪ Preparation of the Specific Element Conservation Management Plan (Deed requirement). 			
Key Construction Activities Look Ahead			
<ul style="list-style-type: none"> ▪ Sydenham Station: New construction works proposed including buffer stops and track alignment within the station precinct during upcoming possessions (likely Weekend 47 (WE47)) ▪ Portuguese Club / Former Fraser Park Ancillary Facility: Tree removal and security fencing installation in new Area 20 during WE47. ▪ Formalisation of handover of laydown areas back to landowners ▪ Ongoing defect work. 			
ER Inspections			
ER inspections for SSJ now take place as part of the SMC_BEW ER inspections. There were no ER inspections conducted for SSJ in April 2023.			
Photos			
Nil			
Endorsed Document/s			
<ul style="list-style-type: none"> ▪ Sydney_Metro_Upcoming_Compliances_Ssj-2022_Q4, 11/4/2023 			
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 SSJ.			
<ul style="list-style-type: none"> ▪ 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 April 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 small and low risk. The project is winding down with most project scope complete, with mainly defects remaining and work during the WE47possession. The ER is waiting on the completion of all scope and materials removal from laydown areas before handover and condition completion is finalised.			
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) Q1/Q2 2023. 			



3. Line Wide (Tallowong to Bankstown)

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

Key Construction Activities During the Period

Key Construction Activities below -SC Reports:

- Northern Connection – Punchlist works during possessions ongoing.
- Tunnels – removal of temporary services between Chatswood and Southern Dive

Chatswood Dive Site

- Earthworks and excavation work ongoing
- Permanent fence installation works continuing
- Investigation works on Nelson Street completed

Blues Point

- Defect works completed
- General maintenance and routine landscaping work at Henry Lawson Reserve (scheduled in May)

SW Corridor Traction Substation sites:

Dulwich Hill TSS

- Anti-graffiti painting completed (TSS façade)
- Cable pulling (from TSS basement to GST installed)
- Installation of yard lighting

Canterbury TSS

- Anti-graffiti painting completed (TSS façade)
- Commencement of tiling (TSS façade)
- Streetscaping works – FRP works

Campsie TSS

- Dressing cables on OHW structure
- Conduit pit install (track side)
- Installation of yard lighting
- Streetscaping works – driveway, kerb and gutter pours completed
- Electrical Fitout, Testing and Commissioning (TandC), Cable Pulling

Lakemba TSS

- Cable install and yard lighting
- Anti-graffiti painting in progress (on track side of TSS)
- Electrical Fitout

Punchbowl TSS

- Electrical Fitout

HV Cabling

- HV cable pulling completed (Zone 6, Zone 8, Zone 12 and Zone 18)

Pat O'Connor (POC) Reserve, Canterbury – No works. Tree planting remains on Ausgrid side of cable bridge.

Pad Mount Transformers: Electrical connections ongoing.

TNB (traction negative bar): TNB at Bankstown remains.



Canterbury - Campsie BPS Joint Bay worksites: Testing works ongoing at Anzac St, Cookes Ave and Gould Street.

Southern Dive and SMTF South Marrickville:

- Operational WTP – Minor defect works. Dry commissioning completed.
- Fire Pump Room, Administration and Maintenance Buildings – TandC ongoing
- Stabling Yard – Overhead wiring and gate install
- Southern Dive - Façade installation works ongoing
- Sydenham Station- TandC ongoing
- Civil Works – Landscaping, kerb and gutter and fencing works
- Sydney Steel Road – Landscaping ongoing

Surry Hills BPS works

- Frog Hollow Reserve - Pending hand back to City of Sydney Council (CoS). Meeting held with CoS to establish scope of work and costing for final restoration works. Awaiting costing from CoS.
- Randle Ln Joint Bay demobilised (April 2023) – Still awaiting recommencement.

Key Construction works/activities Look Ahead

Look-ahead of upcoming activities /works:

- Independent Environmental Audit [kick off meeting (26/04/2023), site inspection and interviews (3-4/05/2023)].
- CTR Q3 2022 reporting/ review process continuing.
- Chatswood (intersection of Mowbray/Hampden Rd) OOHW for new water connection scope [scheduled on 10 -11/05/2023 (two nights) and 13/05/2023 (one contingency night)].
- Northern Connection WE45 possession works (7 May 2023 - temporary fence removal/waterproofing of slab).
- SW Corridor WE45 (6/7 May 2023) and WE47 (20/21 May) possession works.
- SMTF S - Reporting for Cap and Containment Remediation works (near Gate S2 – Validation Report and EMP currently being drafted)
- SMTF S - Relocation of services and stormwater drainage modification work on Railway Parade, Marrickville during Standard Construction Hours – May 2023
- Campsie - Canterbury BPS works (Joint Bays at South Pde, Gould St, Cooks Ave and Anzac St) – testing works ongoing at Anzac St, Cookes Ave and Gould St.

ER Inspections

There were three ER inspections conducted by the ER in April (04/04/2023, 11/04/2023 and 21/04/2023). Key new actions raised are summarised below, with close out provided by SC:

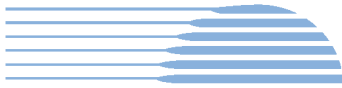
SMTF South - ER Inspection #152 - 04/04/2023 [Tuesday; total rainfall recorded - 2.8mm (04/04); Rainfall previous days to inspection: 18.2 mm – 03/04, 21.6mm – 02/04 and 0.0mm 1/04]:

- SMTF S (near Gate S2) - Weed management required in area being landscaped and along sediment fence.
- SMTF S - General housekeeping required in section of track slab area including removal of minor rubbish within spill kit in area and removal of minor sediment build up/litter near Gate E2.
- SMTF S - Minor graffiti noted on section of hoarding along Railway Pde to be addressed.

Northern Sites - ER Inspection #153 - 11/04/2023 [Tuesday; 0.0 mm rain since 9am (11/04); Rainfall previous days to inspection - 0.0mm (09/04-10/04) and 3.2mm (08/04)]:

- CDS – Observed some localised dust from access track and raised action to confirm/ensure area is wet down to minimise dust.
- CDS - New tag observed on site hoarding at the time of the inspection to be addressed.
- Northern Connection/Tunnel Portal - General housekeeping required near drains and surrounding area.

SW Corridor Traction Substation sites - ER Inspection #154 (including possession works) – **21/04/2023** [(Friday; 12.4mm rain since 9.00am (21/04); Rainfall previous days to inspection – 3.4mm on 20/04, 0.0mm on 18-19/04)]:



- Dulwich Hill (MAF) - Installation of noise blankets around newly installed generator (reported use during Standard Construction Hours only)
- Dulwich Hill TSS - Tidy up of ESC at site access/egress ((Randall St) required.
- Canterbury TSS - Hutton St – Laydown Area: General housekeeping /tidy up required within laydown area near Driveway (noting works were underway).
- Campsie TSS, Lakemba TSS, Punchbowl (South Tce), Belmore St Compound - Minor tracking noted at the following site access/egress points. SC informed the ER that a street sweeper had already been mobilised across the TSS sites on 21 April 2023. ER requested evidence following tidy up.

Photos



Dulwich Hill TSS: Cable pulling (from TSS basement to GST installed)



Dulwich Hill TSS: Anti-graffiti painting and footpath works around building completed



Canterbury TSS: Tiling works commenced (TSS façade)



Canterbury TSS: Tiling works commenced (TSS façade)



HBI

Healthy Buildings International Pty Ltd



Campsie TSS: Streetscaping works – Driveway poured



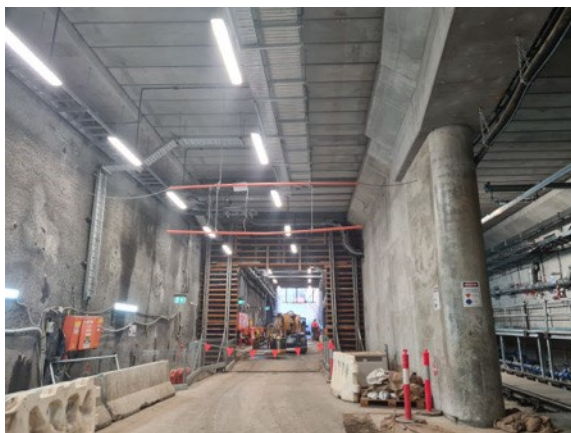
Campsie TSS: Streetscaping works – Kerb and Gutter works along (Lilian St)



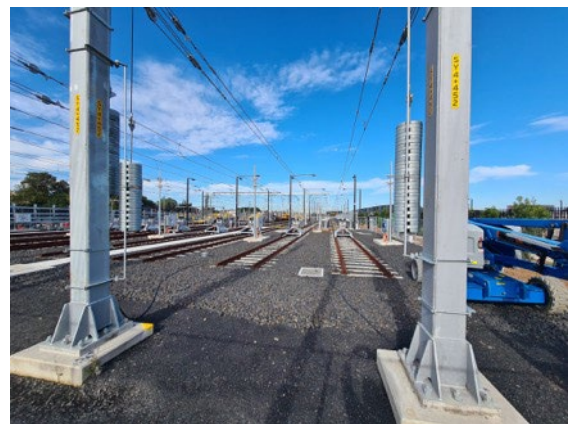
Campsie TSS: Dressing cables on OHW structure (possession related works)



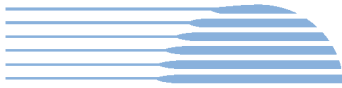
Lakemba TSS: Driveway poured



Northern Connection: FRP works for roller door



SMTF S – Stabling Yard: Defect rectification works underway



SMTF S - Landscaping works progressing.

SMTF S (near Gate S2) - Roadway and landscaping works continuing.

Endorsed Document/s

- OOHWA - 284 - Southwest Corridor - Southwest HV Cabling WE42 and WE43 Rev B
- OOHWA – 297 - Dulwich Hill and Campsie TSS Dress positive Structures WE42-WE43 Rev C
- OOHWA -302 - Southwest Structural Steel Install WE42 Rev C

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.

Nil 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.

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

Complaints during this reporting period are summarised below:

- 11/04/2023 - Campsie to Canterbury Power Upgrade (LWW) - Cumulative impacts, Noise and Vibration (**Standard hours**) – Resident complained about noise from joint bay work on Anzac St and about the fact that the team had previously been there for six months and is concerned about the amount of noise (working from home and school holidays). **Resident has complained previously.**
- 12/04/2023 - Northern Connection (Chatswood) - Noise and Vibration - OOHW; Traffic, Transport and Parking - Resident raised concerns with large vehicle parked on Elizabeth St (Artarmon) taking up space outside parking area into no stopping zone. Resident also stated there are large trucks loading and unloading at night, with idling engines and clinking chains.



- 16/04/2023 – Canterbury substation LWW) - Traffic, Transport and Parking - Resident from Charles Street provided a photo of a vehicle parked illegally on the driveway exit of the residential building.
- 24/04/2023 - Southwest Corridor – Dulwich Hill (LWW) – Safety – Construction- Stakeholder concerned about proximity of work to her home. SC confirmed cabling work was all being carried out in accordance with approvals and safely.
- 28/04/2023 - Campsie to Canterbury power upgrade (LWW) - Cumulative impacts - Resident frustrated with the open joint bay outside his property on Gould St. Advised he was told joint bay would be closed by end of March 2023. Very frustrated the joint bay is still open and would like a timeline for closure.

Complaints during this reporting period unrelated to SC/SM activities:

- 16/04/2023 - Southwest corridor (LWW) - Noise and Vibration - Standard hours – resident emailed about noise at 10:30am on Saturday morning, citing metal cutting and drilling and advised she did not receive respite. Complaint further investigated and deemed not related to SC/SM activities. SC Place Manager South spoke with the resident who was grateful for the follow up and explanation.

Audits

- Independent Environmental Audit (IEA) in progress [Audit kick off meeting (26/04/2023), site inspection and interviews (3-4/05/2023)]
- ER involved in IEA scope consultation and discussion with Independent Auditor of any key Project issues prior to Audit kick-off.

ER Closing Comments and Looking Forward

Key Points:

- Complaints received in reporting period are summarised above.
- ER requested (and was provided with toolbox records on 19/04/2023) for Northern Connection complaint (12/04/2023) and Canterbury Substation complaint (16/04/2023); and requested SC to reiterate message re parking and general worker behaviour expectations prior to WE43 and WE45 for SWC sites.
- ER notes no OOH noise complaints from the SW Corridor possession works in April 2023.
- ER continues to closely monitor/review complaints from Canterbury -Campsie BPS worksites (two complaints received in reporting period – relating to noise during standard construction hours and length of time joint bays have been opened). Response to Anzac St Joint Bay worksite noise complaint (11/04/2023) during Standard Hours included noise monitoring, changing equipment to make work less noisy on the day of complaint and ceasing use of plant in question that generated the noise on the following day (12/04/23, around 1.30pm). SC also met with complainant to explain testing process, reasons for leaving joint bay open and timeframe for closure.
- 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:

- Independent Environmental Audit outcomes
- Chatswood (intersection of Mowbray/Hampden Rd) OOHW for new water connection scope [scheduled on 10 -11/05/2023 (two nights) and 13/05/2023 (one contingency night)].
- Northern Connection WE45 possession works.
- SW Corridor WE45 and WE47 possession works.
- SMTF S - Reporting for Cap and Containment Remediation works (near Gate S2)
- Campsie - Canterbury BPS works (Joint Bays at South Pde, Gould St, Cooks Ave and Anzac St) – testing works ongoing at Anzac St, Cookes Ave and Gould St. Contingency OOHW for dewatering (weather dependant) BPS joint bays with anticipated completion in mid- May 2023. SC reports no OOHW dewatering undertaken till date.



4. TSOM

Project Approval	Contract Package	EPL	Environmental Representative/s
SSI 7400 (C2S) SSI 8256 (S2B) SSI 5931 (SMTF)	Train Service Operation and Maintenance (TSOM)	MTS EPL 21247 (Dynamic train testing SMTF-N to Chatswood) LWW EPL 21423 (Dynamic train testing Chatswood to Sydenham)	Swathi Gowda
Key Construction Activities During the Period (April 2023)			
<ul style="list-style-type: none"> ▪ Tunnels: <ul style="list-style-type: none"> ○ Low Speed Dynamic train testing commencement between Chatswood - Sydenham ○ Ongoing installation of cables and trackside equipment in tunnels and Cross Passages (XPs) ▪ SMTF-North: Dynamic train testing between SMTF North and Chatswood and mixed fleet operations ▪ SMTF-South: <ul style="list-style-type: none"> ○ Cable tray, cables and cabinet installation in Administration Building ○ Installation of signalling equipment in the yard ▪ Southwest Substations: <ul style="list-style-type: none"> ○ Cable pulling, radio mast install at Campsie and Dulwich Hill ○ Cabinet installation in station equipment rooms ▪ Southwest Corridor: <ul style="list-style-type: none"> ○ Mechanical install of communication equipment at Canterbury Traction Substation ▪ Stations: <ul style="list-style-type: none"> ○ Central, Martin Place, Victoria Cross, Pitt Street, Barangaroo, Waterloo, Crows Nest and Sydenham: Testing and Commissioning (TandC) of Platform Screen Doors (PSDs) and ongoing installation of communications and signalling equipment 			
Key Construction Activities Look Ahead – May 2023			
<ul style="list-style-type: none"> ▪ Tunnels: Finishing work, cable terminations, and testing and commissioning activities in the tunnels and XPs, including testing new trains in the tunnels between Chatswood - Sydenham ▪ SMTF-North: Dynamic train testing between SMTF North and Chatswood and mixed fleet operations ▪ SMTF-South: <ul style="list-style-type: none"> ○ Cable tray, cables and cabinet installation in Administration Building ○ Installation of signalling equipment in the yard ▪ Southwest Substations and corridor: <ul style="list-style-type: none"> ○ Weekdays – mechanical installation in traction substations and equipment buildings ○ WE45 – radio mast installation at Marrickville, cable haul and install of trackside equipment along the corridor ○ WE47 – radio mast installation at Dulwich Hill, cable haul and install of trackside equipment along the corridor ▪ Stations: <ul style="list-style-type: none"> ○ Central, Martin Place, Victoria Cross, Pitt Street, Barangaroo, Waterloo, Crows Nest and Sydenham: TandC of PSDs and trains, ongoing installation and TandC of communications and signalling equipment 			
ER Inspections			
<ul style="list-style-type: none"> ▪ No ER inspections conducted in April. 			
Photos			
<ul style="list-style-type: none"> ▪ N/A 			

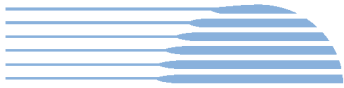


Endorsed Document/s
▪ Nil
Non-compliance/ Incidents or Repeat Complaints
Sydney Metro has been providing summaries of complaints to DPIE daily and a summary to the ER. Responses to each complaint have been noted in each complaint report, with follow up actions often defined in revised reports. Key or 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. ISD – Crows Nest

Project Approval		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			
<ul style="list-style-type: none"> ▪ Steel fixing and shuttering (Sites A - C) ▪ OSOM deliveries, concrete pumping and pouring on Pacific Highway/Clarke Lane ▪ Site A concrete pour for top slab was completed. Site B top slab under construction ▪ 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 + Oxley Street ▪ Public domain for utilities is ongoing on Clarke Street ▪ Demolition of the capping beam for Site A. ▪ Demolition of the capping beam for Site B during the remainder of April ▪ Removal of TC 2 on commenced 28 April ▪ Site A the final pour for slab completed ▪ Site B the final pour starting and finishing by mid-May ▪ Final slab pour would be in mid-May ▪ Hume Street triangle - concrete pours completed ▪ Escalator installation is planned to be completed in April during standard hours ▪ TC4 is in operation 			
Key Construction/Activities Look Ahead			
<ul style="list-style-type: none"> ▪ Demolition of the capping beams ▪ Removal of Tower Crane #2 ▪ Steel fixing and shuttering (Sites A - C) ▪ B4 OTE cladding and fit out ▪ B1 and ground Perimeter walls FRP and concrete pours ▪ Site B Level 2 form, reo and pour (FRP) ▪ Concrete pumping and pouring on Pacific Highway/Clarke Lane. ▪ Services, finishes and fit out of B5 platform, B4 OTE, B3 plant room. ▪ Public domain works for Sydney Water ▪ Public domain work at Clarke + Oxley Street ▪ Hume Street triangle (Hume Street turning lane) to be handed over to Council ▪ Oxley Street and Pacific Highway intersection to be handed over to Council 			
ER Inspections			
<p>There were two ER inspections conducted on 5 and 19 April 2023. The following issues were raised:</p> <p><u>Inspection of 5/4/23</u></p> <ul style="list-style-type: none"> ▪ Footpath access was maintained for pedestrians ▪ ESC was maintained. Ongoing maintenance of controls on Clark Street was discussed with AWE ▪ Noise blankets were installed correctly across site ▪ Minor note to tie off banner mesh on Oxley Street <p><u>Inspection of 19/4/23</u></p>			



- Footpath access was maintained for pedestrians
- ESC was maintained. Ongoing maintenance of controls on Clark Street was discussed with AWE
- Noise blankets were installed correctly across site
- Potential asbestos unexpected find during Site A capping removal was notified to ER and Sydney Metro

Photos



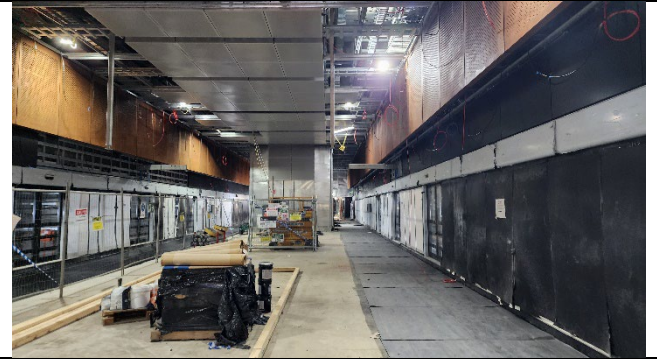
Clark St – Utility and public domain works



Clark Lane North – View south



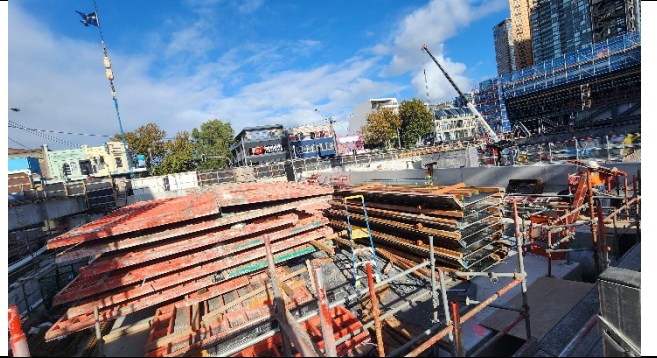
Site A Capping beam removal



B5 platforms



Site A Pacific Highway delivery zone



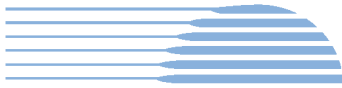
Hume Street FRP and storage



Clark Street utility works



Site A Ground level

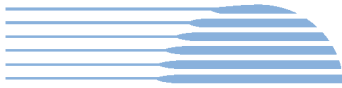



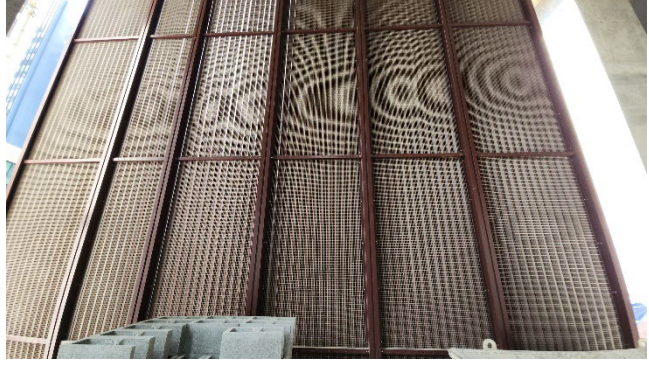






Endorsed Document/s
▪ OOHW 31 – Tower Crane 2 Removal
Complaints / Incidents / Non-compliance
Sydney Metro has been providing summaries of complaints to DPE daily and a summary to the ER. Responses to complaints have been noted in each complaint report, with follow-up actions often defined in revised reports. Complaints are discussed where relevant for the Crows Nest ISD package below.
The ER is aware of no non-compliances for the month and five complaints relating to Crows Nest ISD works. 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 design One related to respite offer compensation Two related to construction noise OOH One related to worker behaviour and noise during OOH (to be raised as an NCR in May)
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 monitor OOHW and adjust as required. Monitor public domain works for community impacts and ERSED impacts.
ER Closing Comments: The ER noted that the focus of the project teams at AWE, required improvement, in particular, monitoring works occurring in approved OOH locations and complaint investigation outcomes if monitoring data is not present. On a positive note, the site has greatly improved noise blanket installation and ESC is well maintained.



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			
<p>Pitt Street North</p> <ul style="list-style-type: none"> ▪ Façade between Levels 2-4 ▪ Blockwork installation ongoing all levels ▪ Escalator Installed, fitout commenced ▪ Back-of-house fit-outs are ongoing throughout station levels ▪ Services are ongoing throughout all levels ▪ Testing and commissioning ongoing <p>Pitt Street South</p> <ul style="list-style-type: none"> ▪ Façade and blockwork installation ongoing throughout all levels ▪ Front-of-house works (glazed wall linings, sandstone and finished ceilings) ongoing ▪ Back-of-house fit-outs are ongoing throughout station levels ▪ Services are ongoing throughout all project levels ▪ Testing and commissioning ongoing <p>Adits and Platform Caverns</p> <ul style="list-style-type: none"> ▪ GRC (lower internal cladding) panel installation ongoing ▪ East and west platform screen door (PSD) cladding installation (90% completed) ▪ Aluminium tube ceiling install 85% complete – majority installed, plastic removal pending ▪ Services containment installation on platforms ongoing ▪ South escalator fit-out ongoing 			
Key Construction/Activities Look Ahead			
<p>Pitt Street North</p> <ul style="list-style-type: none"> ▪ Escalator fitout ongoing ▪ Blockwork install ongoing ▪ Façade between Levels 2-4 <p>Pitt Street South</p> <ul style="list-style-type: none"> ▪ Installation of façade GRC and Aluminium Louvers across levels 3, 4 and 5 ▪ Façade and blockwork installation ongoing ▪ Fitout 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 <p>Adits and Platform Caverns</p> <ul style="list-style-type: none"> ▪ GRC (lower internal cladding) panel installation ▪ Platform Screen door cladding and installation ongoing ▪ Ceiling cladding installation 			
ER Inspections			
<p>There was one ER inspection on 27 April 2023 (ER inspections are on a four-week cycle). No issues of note were raised during the inspections, with excellent site housekeeping and pedestrian access maintained around the work sites.</p>			



Photos	
	
Pitt St South (PSS): façade installation - view from Pitt Street	PSS: Level 5 6 façade walls adjacent to The Edinburgh Castle Hotel
	
PSS Ventilation dampers and fan	East platform electrical fit out continued
	
North Atrium: Escalator installation	PSN: Escalator installation from Ground level
	
Pitt Street North (PSN): View from Castlereagh and Park Street	PSN: Level 4 atrium



Endorsed Document/s
▪ PSISD – OOH_0055 - PSN - Tower Crane Installation (Rev1)
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/incidents related to the project reported to the ER during this period. There was one complaint during the period: ▪ One complaint for OOHW noise and notification.
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 is currently being planned and likely requires significant OOHW to complete. ER Closing Comments: The Project continues to perform well, with minimal complaints related to the project despite the level of activity in surrounding public domain areas. The project communications team continues to work with stakeholders on a regular basis.



7. ISD – Waterloo

Project Approval	Contract Package	Environmental Representative/s
SSI 7400 (C2S) (Does not include associated SSDs)	Waterloo ISD – John Holland	Swathi Gowda
Key Construction Activities During the Period		
<p>Update provided by Contractor on 06/04/2023:</p> <ul style="list-style-type: none"> ▪ 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 ▪ Demobilising/reconfiguring temporary site sheds (North of Church) ▪ Façade installation ▪ Civil works on Cope Street ▪ Construction WTP handover to ISD scheduled on 11/04/2023 		
Key Construction/Activities Look Ahead		
<ul style="list-style-type: none"> ▪ CTR Q4 2022 review/endorsement ▪ Utility investigation and works in local roads around site, including proposed OOH ▪ Capping beam removal 		
ER Inspections		
<p>ER inspections are on a monthly cycle weather permitting. One ER inspection was conducted by the ER on 06 April 2023 [Thursday; Rain prior to and during parts of the inspection; total rainfall recorded 3.6mm (06/04/2023); Rainfall previous days to inspection: 0.0 mm (05/04), 0.8mm (04/04) and 26.0mm on (03/04)].</p> <ul style="list-style-type: none"> ▪ Discussed improvement required in noise blankets installed along Southern section of the site – gaps to be addressed and localised acoustic blankets recently installed for the capping beam removal works on the South-western side observed on the ground (potentially from rainfall prior to inspection) to be erected/fixd prior to capping beam removal works recommencing. ▪ General housekeeping required along sections of the capping beam worksites along Cope St Site Compound including gutter maintenance (i.e. removal of accumulated silt). ▪ Botany Rd - Minor tags observed on site hoarding to be addressed. 		



Photos	
	
<p>WL ISD – Botany Rd – Lighting installed on Botany Rd</p>	<p>WL ISD – Southern Building: Preparatory works continue for façade panel installation. View from Cope St Compound</p>
	
<p>WL ISD – Capping Beam removal conducted during Std Hours on the South-western end. Vibration monitors noted on the Southern Building.</p>	<p>WL ISD – Capping Beam removal conducted during Std Hours on the North-western end.</p>
	
<p>WL ISD – Northern Building –Preparatory works for façade installation; fit out and service installation works ongoing. View from Cope St Site Compound.</p>	<p>WL ISD - Station Platform - Station fit out works progressing.</p>







<p>WL ISD – Level B3 – Internal architectural cladding.</p>	<p>WL ISD – Level B3 – Internal architectural cladding.</p>
<p>Endorsed Document/s</p>	
<ul style="list-style-type: none"> ▪ OOHWA #49 - Ausgrid Outage 4 Rev C ▪ OOHWA #53 - May, June and July 2023 (General) (Rev B) 	
<p>Complaints / Incidents / Non-compliance</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 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>Nil non-compliances (NC) were reported to the ER during this reporting period.</p> <p>No minor (Class 3) events reported to the ER during this reporting period.</p> <p>Complaints during reporting period are summarised below:</p> <ul style="list-style-type: none"> ▪ 17/04/2023 – WL ISD – Visual amenity; Metro operations – precincts and land use - Stakeholder was concerned that the large grey station boxes would be left in their current state and raised safety concerns about access to the Station due to people congregating nearby. ▪ 27/04/2023 – WL ISD – Worker Behaviour; Traffic, Transport and Parking - Caller reported that a traffic controller cursed at him and requested a call back to discuss the incident. ▪ 29/04/2023 – WL ISD – Visual amenity - Caller advised that there was a crane over Cope St footpath and that two of the floodlights were not working. <p>Complaints unrelated to WL ISD/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>Core Focus Areas</p>	
<ul style="list-style-type: none"> ▪ Continue to review/monitor OOHWS planned, approved and promote the inclusion of noise mitigation wherever practicable. ▪ Continue to review/monitor complaint numbers and issues. 	
<p>ER Closing Comments:</p>	
<ul style="list-style-type: none"> ▪ Complaints summarised above; with no noise complaints noted during Standard Hours or during OOHs (in comparison to March 2023). ▪ Overall, 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	Environmental Representative/s
SSI 7400 (C2S) No EPL	Victoria Cross ISD (VC-ISD) Lend Lease	Swathi Gowda Michael Woolley
Key Construction Activities During the Period		
<p>Construction Activities - Update provided by Lendlease (LL) on 28/04/23:</p> <p>VC North (VCN):</p> <ul style="list-style-type: none"> ▪ Fit out works and services within the shaft and building <p>Station Cavern:</p> <ul style="list-style-type: none"> ▪ Installation of escalators ▪ Blockwork and GRC panels installation ▪ Station fit-out <p>VC South (VCS):</p> <ul style="list-style-type: none"> ▪ Stormwater works on Miller St and Denison St ▪ Low rise commercial building – Level 3 ▪ Concrete works on Level 4 ▪ Station Jumpform Level 5 ▪ Jumpform pours and lifts ▪ Blockwork ▪ Service and fit out below the top deck 		
Key Construction/Activities Look Ahead		
<ul style="list-style-type: none"> ▪ Hoarding removal on McLaren St (proposed OOHW - VCN) ▪ Capping beam removal (Standard Construction Hours - VCN) ▪ Denison St/Miller St stormwater work (Standard Construction Hours - VCS) ▪ Review of management plans on submission (EHS Plan/CNVMP) ▪ Victoria Cross South site – Ongoing OOH (evening and weekend) extended to Apr -Jun 2023 ▪ Victoria Cross North site – Ongoing OOH works (evenings/ weekends OOH) extended to Apr – Jun 2023 		
ER Inspections		
<p>ER inspections are on monthly cycle weather permitting. One ER inspection was conducted on 19 April 2023 [Wednesday; 0.00mm rain (since 9am) on 19/04; rainfall (mm) previous days to inspection – 0.0 mm (16/04 to 18/04)]. The following new issues/actions raised are summarised below:</p> <ul style="list-style-type: none"> ▪ VCN – Site access/egress (McLaren St)– removal of some leaf litter on strip drain in front of site and removal of damaged sandbags in area. ▪ Denison St - Stage 3 Stormwater worksite: tidy-up within worksite, maintenance of accumulated sediment near controls and existing ERSED controls to be replaced where damaged/ ineffective. 		



Photos	
	
VCN: Façade installation progressing - View from McLaren St.	VCN – Façade installation progressing - View from North Yard.
	
VCN: Station Cavern: Escalator installation progressing.	VCN: Station Cavern: Escalator installation progressing.
	
VCN Miller St: Stormwater works progressing – section of pipework installed.	VCS - Denison St - Stage: Stormwater works progressing; with wall breakthrough for stormwater connection.



Endorsed Document/s
<ul style="list-style-type: none"> ▪ OOHWA #17 VC ISD South evening and weekend site works Rev 15.1 ▪ Vic X ISD Q4 2022
Complaints / Incidents / Non-compliance
<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 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>
<ul style="list-style-type: none"> ▪ Nil incidents reported to the ER during this reporting period. ▪ One non-compliance reported to the ER during this reporting period and summarised below: <ul style="list-style-type: none"> ▪ NCR raised against CoA E36 following complaint relating to hours of work received on 27/04/2023 from a complainant on Berry St. A complaint relating to hours of work was received on 27 April from a complainant at Berry St, who has previously made the same complaint. Audio from noise monitoring at the site showed minor construction activities (formwork delivery and movement) commencing prior to 7am within the station site. Actions raised/being implemented include toolboxing, Aconex message to all subcontractors and follow up in scheduled subcontractor meeting. <p>Project related complaints during the reporting period are summarised below:</p> <ul style="list-style-type: none"> ▪ 12/04/2023 – Vic Cross ISD - Noise and Vibration (OOHW) - Noise was observed by the complainant at approximately 10:30pm 30 Mar 2023 and continued throughout the night. Complaint received 13 days after occurrence from NSC (complainant anonymous), with only description of noise that it sounded like construction works. ▪ 27/04/2023 – Vic Cross ISD (South Site)- Noise and Vibration (OOHW)- Complaint received via 1800 line from resident regarding a noise complaint (resident has complained previously – third complaint). Resident said she heard and saw workers on-site starting work at 6am this morning, using tools. She stated this is an ongoing issue. Caller has called many times and is assured it will be dealt with, but this behaviour continues. She described the sound as banging and tool use. She requested a call back to understand how the team is communicating no works before 7am differently. Refer NCR raised above. <p>Complaints unrelated to LL/SM activities for this reporting period: Nil</p> <ul style="list-style-type: none"> ▪ 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
<ul style="list-style-type: none"> ▪ Capping beam removal (Standard Construction Hours – VCN). ▪ Denison St/Miller St stormwater work (Standard Construction Hours - VCS). ▪ Continue to review/monitor OOHWS planned and approved and promote the inclusion of noise mitigation wherever practicable. ▪ Continue to review/monitor complaint numbers, any associated NCs and issues.
ER Closing Comments:
<ul style="list-style-type: none"> ▪ Complaints received during the reporting period are as outlined above. One OOH noise complaint (dated 27/04/2023) relating to the South Site. NCR raised following complaint investigation (refer above) and on further review of the complaint. For NCR raised, ER /AA have recommended that LL implement further measures to escalate consequences with sub-contractors. ▪ Project continues to be responsive to queries/comments raised in document reviews/discussions and any recommendations made by the ER 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			
<p>Martin Place South (MPS)</p> <ul style="list-style-type: none"> ▪ Ongoing construction (FRP) of walls; columns, beams and floor slabs ▪ Other general construction activities ▪ Ongoing use of new temporary pedestrian crossing of Martin Place between Elizabeth and Castlereagh Streets under B Class Hoarding ▪ Works in the area of the former temporary pedestrian crossing bridge ▪ General OOHs including ongoing utility works on Elizabeth Street and hoarding works <p>Martin Place North (MPN)</p> <ul style="list-style-type: none"> ▪ Various building work activities ongoing such as FRP works; fit out and other activities ▪ Various works within the SSD well above the SSI level ▪ Tower crane operating adjacent Elizabeth Street ▪ Operation of concrete pumps from within the building <p>Station Caverns and Adits</p> <ul style="list-style-type: none"> ▪ Fit out activities including installation of panelling, services 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 			
Key Construction/Activities Look Ahead			
<ul style="list-style-type: none"> ▪ Activities as described above ongoing ▪ Utilities works OOHs in Elizabeth and Castlereagh Streets 			
ER Inspections			
<p>There were no ER inspections conducted during the reporting as inspections are held monthly and the next inspection was planned for early May. An informal inspection from outside the site was conducted by the ER on 18 April. No issues were observed during this inspection. Site activities continue to be repetitive in nature and are building related works rather than civil works.</p>			
Photos			
			
<p>Martin Place South: Views from street level on Martin Place looking south</p>		<p>Martin Place North: View from street level on Martin Place with 50 Martin Place building in foreground.</p>	



Endorsed Document/s
<ul style="list-style-type: none">▪ MP-ISD OOH96 - Ausgrid works Rev 6 (Elizabeth St South)▪ MP-ISD OOH99 - Stormwater works Rev 2 (Castlereagh St North)▪ Martin Place Metro CSSI, Construction Noise and Vibration Management Plan, 24 February 2023, Lendlease Group (TK422-F03 (Rev 19) Martin Place CSSI CNVMP)
Complaints / Incidents / Non-compliance
No complaints were reported to have been received during the reporting period. 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



10. 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> <p>Zone 1 (Main Site):</p> <ul style="list-style-type: none"> ▪ Backfill and sheet pile removal complete for the H01-02 stormwater line; Planning for clean-out of the twin H01-02 pipes to harbour ▪ Stockpiling of spoil (for H01-02 backfill/reuse) and WTP filter cake; Stockpiling of imported Virgin Excavated Natural Material (VENM) and Excavated Natural Material (ENM) subject to resource recovery exemptions ▪ Water Treatment Plant (WTP) relocation commenced and Temporary WTP (TWTP) in commenced operation. <p>Zone 2 (Shark’s Fin):</p> <ul style="list-style-type: none"> ▪ Ongoing backfill of the shark's fin; Construction of Street D; Construction of new HV pit ongoing. <p>Zone 4 (Hickson Road wall):</p> <ul style="list-style-type: none"> ▪ Backfill and compaction around ventilation pods, Hickson Road ongoing. Backfill of services; Vibration monitoring ongoing for Hickson Road wall. <p>Zone 5 (The Cutaway):</p> <ul style="list-style-type: none"> ▪ First stage of condensed water pipes pressure tested and backfilled; Scaffold bridge complete and in use, with pedestrian diversion in place. Second stage of condensed water pipe and pit install commenced. <p>Zone 6 (Hickson Road, under bridge):</p> <ul style="list-style-type: none"> ▪ High voltage (HV) installation complete in this section. <p>Acoustic Shed and Northern Shaft:</p> <ul style="list-style-type: none"> ▪ Northern shaft handed back to BESIX Watpac on 17/3/23 ▪ Shaft backfill planning commenced and Out of Hours Works Application 14 (OOHWA-014) approved with conditions ▪ Scaffold and materials stripped out ▪ Groundwater management and daytime concrete pours commenced at base of cavern. <p>Station Box:</p> <ul style="list-style-type: none"> ▪ Installation of sandstone cladding on platform level B6 / architectural finishes ▪ Commissioning of platform screen doors (PSDs) ▪ 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 ▪ Train testing commenced. 			
Key Construction Activities Look Ahead			
<ul style="list-style-type: none"> ▪ Stormwater diversion from Hickson Road ▪ Landscaping and sandstone reinstatement in Zone 5 ▪ Clean-out / removal of sediment from the INSW H01-02 stormwater connection pipes to Sydney Harbour; subject to confirmation of methodology, risk assessment and CEMP update (or other documented/agreed approval process) ▪ WTP relocation ongoing, operation of Temporary WTP (TWTP), and completion of condensed water main installation and connection 			



- Commencement of backfill of the northern shaft with concrete under out of hours OOHW-014 (CoA E48(e) haulage and delivery of spoil and materials)
- Temporary relocation of Jemena gas main from the acoustic shed to the Hickson Road heritage wall, subject to Consistency Assessment (CA) and Heritage Impact Assessment (HIA)
- Planning for acoustic shed demolition.

ER Inspections

There were two inspections conducted by the ER in April 2023 (5/04/23 and 20/04/23). Issues raised and discussed were as follows:

- Operation and maintenance of the surface water management system to reduce the risk of flooding and/or water quality issues.
- The storage of liquid wastes in Intermediate Bulk Containers (IBCs), secondary containment, labelling, classification and disposal requirements.

Photos



IBCs were unlabelled and adequate storage arrangements could not be verified



Maintenance of the surface water management system required review



Material strip-out from the northern shaft and installation of noise blankets as per the CNVIS



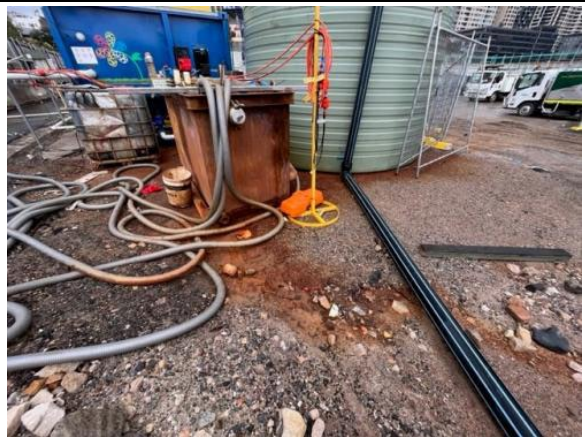


Ventilation pod installation ongoing; services mostly backfilled

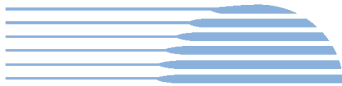


The site access and hardstand were clean and dust was controlled by light rain, and water cart and sweeper during dry weather

Construction of Street D



Temporary WTP setup



<p>WTP planned for relocation</p>	<p>Construction of HV pit</p>
<p>Endorsed Document/s</p>	
<ul style="list-style-type: none"> ▪ TfNSW67 - Consistency assessment - Barangaroo Additional temporary Land, 7/4/2023 ▪ Out of Hours Works Application 14 (OOHWA-014) Shaft Backfilling, 14/4/2023 ▪ OOHWA-02.7 Station Works Renewal May-Aug 2023, 26/4/2023 	
<p>Non-compliance/ Incidents or Repeat Complaints</p>	
<p>There were no incidents for Barangaroo Station reported to the ER under condition A41 of SSI 7400 for the period.</p>	
<p>There was one Class 3 environmental incidents reported to the ER for Barangaroo Station for the period.</p>	
<p>There was one non-compliance (NC) reported to the ER for Barangaroo Station for the period:</p>	
<ul style="list-style-type: none"> ▪ The NC was related to the TWTP incident on 18 March 2023 (reported to DPE in the March ER Monthly Report). Upon investigation into the cause of the incident it was found that the WTP relocation process had commenced prior to the activity being documented in the CEMP / Soil and Water Procedure. At the time of the incident the CEMP was under review to include the WTP relocation process, however this had not yet been approved as a minor amendment under Condition A24(j). 	
<p>An investigation into the WTP incident on 26 February remains ongoing to determine whether there were any associated NCs.</p>	
<p>The ER is aware of two complaints received during April 2023 related to BESIX Watpac works:</p>	
<ul style="list-style-type: none"> ▪ Complaint ID 4585 (Received 3/4/2023, Reported 6/4/2023):A noise complaint was received during OOHW on Hickson Road, and a noise recording was provided after midnight. An investigation was conducted including review of the site hive and CCTV. The most likely cause was attributed to the tracking of an excavator during demobilisation. The contractor has committed to the consideration of rubber tracked excavators for future OOHW. ▪ Complaint ID 4603 (Received 13/4/2023, Reported 14/4/2023): A resident called to raise concerns about upcoming OOHW to backfill the northern shaft. A review of noise modelling was conducted and respite was not triggered for the resident. A targeted briefing was planned with the stakeholder. 	
<p>Audits</p>	
<p>No ER involvement in audit activity including Independent Environmental Audits.</p>	

**Summary of Environmental Performance**

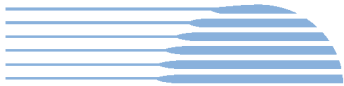
The following key points were discussed during the period:

- Backfill of the northern shaft and compliance with OOHWA-014.
- Proposed clean-out of the H01-02 stormwater connection pipes to Sydney Harbour, associated methodology and risks; Results of sediment testing; CCTV footage.
- Proposal for Aqualand station box wall waterproofing; Geotechnical and contamination investigations for semipermanent solution involving 2:1 batter, break-through of rock anchors; Potential risks include shallow soil contamination and ASS in marine sediment. Compliance with Condition of Approval E66, requirements and responsibility for a Site Auditor / Site Audit Statement.



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), Bankstown Early Works (BEW), and Bankstown Station and Additional Corridor (BAC)	#21147	Jo Heltborg
Key Construction Activities - During the Period			
<ul style="list-style-type: none"> ▪ Stage 2 and 3 design review for security fencing. ▪ Pit dewatering from Stacey Street Bankstown to Wiley Park. ▪ Qenos pipe (hazardous waste) transport and disposal to QLD. ▪ Stormwater inlet repairs, Church Street Hurlstone Park ▪ Canterbury Compound: Site offices and amenities, fuel and gas storage; Weed management and TSOM office demobilisation. ▪ Belmore Triangle, Redman Parade: Wastewater storage; Materials storage. ▪ Urunga Parade, Punchbowl: Materials storage inside the corridor under A16. Pit dewatering via sucker truck. Completion of hi-rail access milling. Demobilisation of Punchbowl ancillary facility. <p>Out of Hours Work:</p> <ul style="list-style-type: none"> ▪ WE42 (15-16th April 2023) and WE43 (20-23rd April 2023) Possessions - Bolting in piles for seg fence, ULX install, survey work, signal and comms work, commissioning of crossovers at Campsie. PB – OHW scope, screen install at Stacey Street. 			
Key Construction Activities Look Ahead			
<p>Out of Hours Work:</p> <ul style="list-style-type: none"> ▪ WE45 (6-7th May 2023): No freight on ARTC line – allow for piling of segregation fence ▪ WE47 (20-21st May 2023): Only SM tracks. Similar to WE42/43 ▪ Ongoing pit dewatering ▪ Installation of off-track side equipment – footings, slabs ▪ Piling of footing for antenna mast at Stacey Street 			
ER Inspections			
<p>There was one ER inspection conducted in April 2023 (21/4/23), which was during the WE43 Possession. There were no actions raised during the inspection.</p> <p>Inspections have been reduced to monthly due to limited activities and low environmental risk, as determined by JHLOR and Sydney Metro in consultation with the ER.</p>			



HBI

Healthy Buildings International Pty Ltd

Photos	
	
Beam lift for throw screen install, Church Street bridge, Hurlstone Park	Internal haul roads maintained in good condition, Melford Avenue, Hurlstone Park
	
Segregation fence installation, near Melford Avenue, Hurlstone Park	
	
Under Line Crossing (ULX) near Stacey Street, Bankstown	
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 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 was one Class 3 environmental incident reported to the ER during the period: <ul style="list-style-type: none">▪ SMC-INC-034 (16 April 2023): A controlled overflow of concrete slurry was planned due to no sucker truck availability. Slurry was directed to a low point, and controls were applied to a grated stormwater pit (geofabric under grate). A small amount of slurry had leached through the geofabric into the pit. A field inspection of downstream track drainage pits found no signs the slurry had travelled and no indication of environmental harm. The ER is not aware of any complaints received during April 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.
Looking Forward – Core Focus Areas
<ul style="list-style-type: none">▪ Management of ERSED controls generally▪ Management of noise during OOH Work e.g. WE45 and WE47 Possessions▪ Completion of the Q1/Q2 2023 Compliance Tracking Report (CTR)▪ Condition completion and close-out of environmental issues and sites for BAC and BEW



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

Project Approval	Contract Package	Environmental Representative/s
SSI 8256 (S2B)	Marrickville, Canterbury and Lakemba Station Upgrades (MCL) (HSEJV)	Brett McLennan
Key Construction Activities During the Period		
<p>Marrickville:</p> <ul style="list-style-type: none"> ▪ MSB external works, boundary fencing, irrigation works, soft landscaping, FRP carpark ongoing ▪ Fencing to the shared footpath is understood to be descoped ▪ Station secondary containment installation ongoing ▪ DCS Antenna frame 60% completed (pending possession) <p>Canterbury:</p> <ul style="list-style-type: none"> ▪ MSB - continuation of service installation and utility connections, internal blockwork ongoing ▪ Painting in MSB ongoing ▪ GST brackets and containment city and country end ongoing ▪ Installation of Lift 1 and 2 equipment ongoing ▪ HV pit installation ongoing ▪ Installation of louvres, downpipes, guttering and flashing, painting footbridge and concourse ongoing ▪ Canopy cutback works ongoing ▪ Radio mast cable installation ongoing ▪ Station Masters Room MEP works ongoing ▪ Installation of boundary fence in MSB car park completed ▪ Installation of RMS fence on Canterbury Road and Broughton St ongoing <p>Lakemba:</p> <ul style="list-style-type: none"> ▪ MSB internal fit-out and utility installation continued ▪ GST Installation continued ▪ Platform high-level containment works ongoing ▪ Hearing loops installation ongoing ▪ Security fencing installation ongoing ▪ Platform condenser works completed 		
Key Construction Activities Look Ahead		
<p><u>All sites</u></p> <ul style="list-style-type: none"> ▪ Possessions WK45 (6-7 May) and WE47 (20-21 May) ▪ Continuation of high-level containment at all stations ▪ Continuation of MSB construction and/or fit-out at all stations ▪ Landscaping works within updated scope ▪ Complete fencing works within updated scope <p><u>Marrickville</u></p> <ul style="list-style-type: none"> ▪ MSB external works. Boundary fencing, irrigation works, soft landscaping, FRP carpark ▪ Complete fencing works <p><u>Canterbury</u></p> <ul style="list-style-type: none"> ▪ Station precinct works ▪ MSB cladding ▪ Lift commissioning works ▪ Complete fencing works ▪ Installation of hearing loops ▪ Concourse cable containment ▪ Excavation for MSB and ULX pits LCR connection ▪ Framing and fit out of the retail shop and SMO 		



- Installation of lighting around station

Lakemba

- MSB fit-out and cable pulling
- Installation of hearing loops
- GST installation
- Fencing works

ER Inspections

One ER inspection targeting the WE42 works was conducted for MCL on 15 April 2023, with Lakemba being a drive-by inspection due to Lakemba Ramadan Nights impacting access. Issues raised during the inspections included:

Canterbury:

- Charles Street Compound / MSB - Minor maintenance of ESC and clean-up of sediment was required. No tracking from the site was noted.
- It was noted that noise blankets had been installed correctly around noisy works
- Noise from a vacuum truck was discussed with HSEJV and the direction of the exhaust towards receptors.

Lakemba (drive by due to local event)

- ESC maintenance had improved, no scouring of the DGB was noted.
- Background noise from a local event was dominant during the inspection.
- Minor housekeeping (rubbish and laydown) was required; however, it was noted that this was also impacted by the local event.

Note Marrickville photos are not able to be provided due to low light. Clean-up work was occurring during the inspection.

Photos



Canterbury Plaza – installation of noise blankets and pedestrian access was maintained



Canterbury Cess – noise mats installed adjacent to excavation works



Canterbury MSB – The vacuum truck was located adjacent to the MSB, impacting the noise profile.



Canterbury Installation of noise blankets from piling cage cutting area

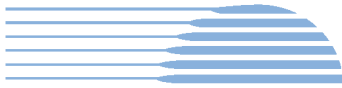


Endorsed Document/s
<ul style="list-style-type: none">▪ OOHW49 WE42▪ OOHW50 WK42-WE43
Non-Compliance/ Incidents or Repeat Complaints
<p>Sydney Metro has been providing summaries of complaints to the Department of Planning and Environment (DPE) daily and a summary to the ER. Responses to each complaint 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 MCL.</p>
<p>The ER is aware of no new NCRs for the month and six complaints relating to MCL works. One potential incident was reported to the ER under condition A36 of SSI 8256, which was determined not to be a reportable incident by DPE.</p>
<p>The complaints are summarised as follows:</p> <ul style="list-style-type: none">▪ One complaint was received regarding safety at Canterbury, which was reported as a potential A36 incident to DPE▪ One complaint was regarding the street sweeper completing a U-turn close to a vehicle at Canterbury▪ Three noise complaints from Canterbury, one was not related to Sydney Metro activities▪ One complaint was received at Lakemba which was not related to Sydney Metro activities
Audits
<p>No ER involvement was requested in audit activity including Independent Environmental Audits.</p>
ER Closing Comments and Looking Forward – Core Focus Areas
<p>The ER has continued to hold meetings with HSEJV and Sydney Metro to discuss the ongoing issues. Focus on noise, ESC and working within approved permits was the focus throughout the month. Discussions continued with Sydney Metro regarding the remaining contractor scope and identifying potential low-risk OOHWA, as well as implementing Package 4 closeout procedures.</p>
<p>Looking forward:</p> <ul style="list-style-type: none">▪ Continued implementation checks for CEMP and sub plans, focusing on noise and ESC.▪ Stabilisation of landscaped areas▪ OOHWA approvals▪ ER inspections held fortnightly during May



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 Upgrades (HBW) (Downer) Dulwich Hill Campsie and Punchbowl Station Upgrades (DCP) (Downer)	Brett McLennan
Key Construction Activities During the Period		
<p><u>Hurlstone Park</u></p> <ul style="list-style-type: none"> ▪ MSB –cladding installation and fit-out works continued ▪ Plaza canopy works continued ▪ High-Level Containment at Concourse continued ▪ MSB ramp earthworks completed, and asphaltting commenced ▪ MSB driveway pour completed ▪ MSB Chillers installed ▪ Landscaping of rail embankment completed ▪ Lift installation for platforms one and two <p><u>Belmore</u></p> <ul style="list-style-type: none"> ▪ MSB landscaping completed ▪ MSB – drainage rectification works completed ▪ Plaza opened to public and minor electrical works (lighting) completed ▪ Plaza bike racks and drinking fountain installed ▪ Rectification work to RMS fence 50% completed (possession dependent) ▪ Station ceiling rose repair completed ▪ GST rectification works completed ▪ Site demobilised 31 March 2023 <p><u>Wiley Park</u></p> <ul style="list-style-type: none"> ▪ Security fence and segregation fence installation completed ▪ Platform and concourse building refurbishment works continued; high-level containment works to be completed during the upcoming possessions ▪ Concourse works completed ▪ Plaza works completed ▪ Landscaping works majority completed ▪ Site demobilised 31 March 2023 <p><u>Dulwich Hill:</u></p> <ul style="list-style-type: none"> ▪ Precinct FRP for walkway ongoing ▪ Footbridge fit out continued, roof insulation install and glazing ongoing ▪ MSB fit out work ongoing ▪ GST rectification works completed 		

**Campsie:**

- Concourse MEP, Rough-In Works - 90% completed
- GST at MSB - Ongoing ~40% completed
- Hydraulic Connections and works at platforms and in the rail corridor ~30% - complete
- Concourse Structural Steel New Canopy Works recommenced
- Station room aircon, bike room and shop 3 ~35% completed
- Canopy containment works ~95% completed – Pending HV Concession
- Lillian Lane footpath ~75% completed
- Security fencing works ongoing
- Platform 2 PID and DEC footing ~90% completed
- Installation of the station building and concourse distribution boards ongoing
- GST Dropper at MSB ~30% completed.

Punchbowl:

- MSB fit out continued
- MSB landscaping works completed
- MSB security fencing installation ongoing
- Platform fit-out ongoing
- Southern plaza landscaping works continued
- Northern Plaza (PAD) works commenced, asphalt footpath, turf and fencing completed.
- Lift commissioning continued
- Install Platform furniture ~80%, Aco drain lift 2 ~30%, platform station buildings ~50% (possession dependent works)
- GST accessories ~80% completed (Pending possession)
- Cable pulling ~80% completed (Pending possession)

Key Construction Activities Look Ahead**All Stations**

- Possessions WK42 (15-17 April) and WE43 (20-24 April)
- 701HV Feeder Testing and Commissioning
- 687HV UGOH VLF Testing and Commissioning

Hurlstone Park

- Ramp paving works
- PID footing works
- Platform stair canopy installation
- Stair lighting works
- Install heritage bollards and balustrades to platforms
- Asphalt works on Platform 1 and MSB
- Complete segregation fencing
- Minor rectification works
- MSB steel installation work completion under possession

Belmore

- MSB and Station small scale electrical fit-out.
- Rectification work to the RMS fence

Wiley Park

- Complete landscaping
- Project snagging works



Dulwich Hill

- Installation of Stair 2 and 3 canopies
- Roofing and drainage works for the footbridge
- Platform drainage works
- Install platform furniture
- Lift commissioning

Campsie

- Builder works – Station room aircon, bike room and shop 3
- Concourse installation, installation of structural steel
- MSB fit-out
- GST works

Punchbowl

- south plaza landscaping and surrounds
- North plaza landscaping
- GST works

ER Inspections

Three ER inspections were conducted for HBW and DCP on 1, 15 and 29 March 2023. It was noted that ESC was generally maintained, including after significant rain events during the month. Site-specific issues raised during the inspections included:

Punchbowl

- Minor Erosion and Sediment Control (ESC) maintenance
- Tree damage (broken limb)

Wiley Park

- Minor maintenance of ESC
- Contractor parking
- Pedestrian access

Dulwich Hill

- Graffiti management
- Noise mitigation during standard hours

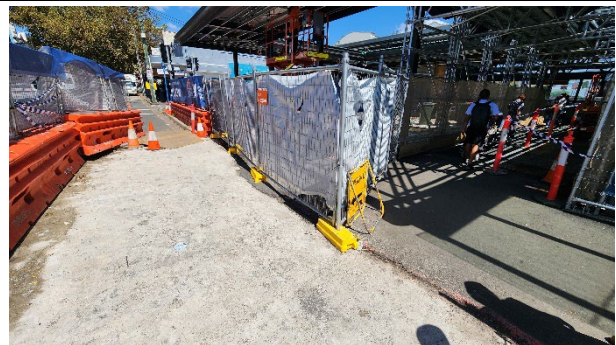
Hurlstone Park

- Minor maintenance of ESC

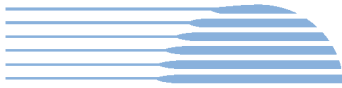
Photos



Dulwich Hill: Platforms, Plaza to the left and Footbridge stairs and roof installation in background.



Campsie: Concourse structural steel installation and pedestrian access



<p>Punchbowl: north plaza footpath and turf</p>	<p>Hurlstone Park: MSB rail embankment landscaping.</p>
<p>Belmore: Plaza</p>	<p>Wiley Park: Plaza bike racks and drinking fountain.</p>
<p>Endorsed Document/s</p>	
<ul style="list-style-type: none"> ▪ OOHWA#31.1 - Belmore GST works ▪ OOHWA#31.2 - Belmore GST works 	
<p>Non-compliance/ Incidents or Repeat Complaints</p>	
<p>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 DCP and HBW.</p>	
<p>The ER is aware of two non-compliances for the month and 11 complaints relating to DCP and HBW works. There were no incidents reported to the ER under condition A36 of SSI 8256.</p>	
<p>The NCRs are summarised as follows:</p>	
<p>NCR027 – Unapproved use of rattle guns and grinder during OOHWA30 (Campsie) (CoA E20(d))</p>	
<p>NCR028 – High impact works commencing before 8am (CoA E24)</p>	
<p>The complaints are summarised as follows:</p>	
<ul style="list-style-type: none"> ▪ One complaint from Dulwich Hill regarding rats and water management ▪ Four complaints from Hurlstone Park regarding vehicle parking (one not related to Sydney Metro activities) ▪ One complaint regarding noise from an unsecured door after site closure (closed within 30 minutes of complaint) ▪ Two complaints regarding air quality and odour from landscaping works, one including increased flies. ▪ One complaint regarding contractor behaviour (package delivered to stakeholder’s door) ▪ One complaint from Punchbowl re contractor behaviour – using tap without the stakeholder’s permission. ▪ One complaint from Campsie regarding property access and traffic control 	
<p>Audits</p>	
<p>No ER involvement was requested in audit activity including Independent Environmental Audits.</p>	
<p>ER Closing Comments and Looking Forward – Core Focus Areas</p>	



The ER discussed potential environmental issues with Downer throughout the month, in particular maintenance of ESC after storm events and during landscaping, noise mitigation and contractor behaviour. Contractor end-of-project lethargy has been raised as an issue with Sydney Metro as a potential risk as Downer wraps up site Construction activities and staff exit the project.

Looking forward:

- Continued implementation checks for CEMP and sub plans, focusing on ESC and community impacts
- Compliance Tracking Q3 2022 endorsement, commence Q4 2022 review
- Coordination meetings with Sydney Metro and contractors for OOHW
- Package 5 and 6 handover abck to Sydmeey Metro



14. Sydney Metro Retained Obligations (SM) /Other

Project Approval	Contract Package	EPL	Environmental Representative/s
SSI 7400 (C2S) SSI 8256 (S2B)	Sydney Metro Retained Obligations (SM) /Other	Not applicable	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	▪ Nil		
Non-compliance/ Incidents or Repeat Complaints			
<p>Sydney Metro has been providing summaries of complaints to DPE daily, weekly and monthly 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>There were no incidents raised by the ER against Sydney Metro for the period. There were no non-compliances reported to the ER against Sydney Metro during the reporting period.</p>			
Audits			
SM	<p>The Independent Audit Program has been finalised by WolfPeake and presented to the ER. The Auditor has reviewed historical non-compliance, complaints and incident data and consulted with the ER in the preparation of the Audit Program. The Auditor has also consulted with the ER when scoping specific audits.</p> <p>There are three IEAs proposed for 2023:</p> <ul style="list-style-type: none"> • IEA 1 – CPB Line Wide • IEA 2- AWE Crows Nest ISD • IEA 3 – TBC (planning on a Southwest final works contractor). <p>IEA 1 kicked off with RFIs issued in late April, with the audit undertaken on the 3-4 May 2023.</p>		
Looking Forward – Core Focus Areas			
SM	<p>Sydney Metro is consulting with the EPA on applicable water discharge criteria for the operational water treatment plant at Marrickville.</p> <p>Noise and Vibration validation monitoring is being undertaken across the City ISD sites as part of Testing and Commissioning to ensure that operational plant and equipment comply with modelled noise requirements.</p>		



15. 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 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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