

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

7 December 2023
Ref: 170108-ER_DPE November 2023

Dear Rob

RE: Sydney Metro City and South West – ER Monthly Reports for November 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 **November 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



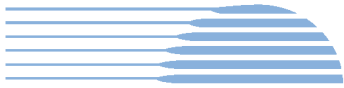
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1. Central Station

Project Approval	Contract Package	EPL	Environmental Representative/s
SSI 7400 (C2S)	Central Station	#21148 Central Main Works – the EPL was surrendered during the reporting period.	Michael Woolley
Key Construction Activities During the Period			
<p>Works conducted during the reporting period included:</p> <ul style="list-style-type: none"> ▪ 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. ▪ Platforms 16 to 23 – completion of tiling works and other station maintenance activities. ▪ 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 – Opened to the general public and handed over to Sydney Trains during the reporting period. Ongoing defects work. Gate to Randle Lane remains closed. ▪ Sydney Yard – Site access and use for laydown. Reduced activities due to minimal ongoing works on the project. Much of the area in use by Sydney Trains and their contractors. Ongoing removal of plant and materials related to the Sydney Metro works by LOR. ▪ Devonshire Street Tunnel - In operation and used by commuters. ▪ ESR Concourse – Works completed. ▪ Ghost Platforms (above ESR Platforms 24-25) – Works completed. ▪ Removal of some site sheds in the Sydney Yard that were not required by other contractors using the area. ▪ Works to finalise the cycle path in front of the Eastern Entrance on Chalmers Street. 			
Key Construction Activities Look Ahead			
<ul style="list-style-type: none"> ▪ Very limited activities as described above, mainly comprising defects works and ongoing management and removal of plant and equipment from the Sydney Yard. 			
ER Inspections			
<p>One ER inspection was conducted on 27 November 2023, focussing on the Eastern Entrance; Sydney Yard; Heritage Interpretation and areas of defect works.</p> <p>One new action was raised in relation to secondary containment of chemicals stored in the Sydney Yard. Actions from previous inspections had been addressed and were closed.</p>			



Photos:



Eastern Entrance: View from Randle Lane.



Eastern Entrance: Escalators in use by the public.



Eastern Entrance: View of the cycle path in front of the Eastern Entrance. Line marking has since occurred on the cycle path.



Platforms: Some remedial works in the baggage handling tunnel which was closed at the time of the ER inspection.



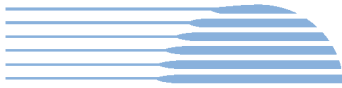
Sydney Yard: Ongoing removal of plant and equipment. Use of the Yard by a number of other contractors.



General: Heritage Interpretation signage has been installed.

Endorsed Document/s

- Nil



Non-compliance/ Incidents or Repeat Complaints
No new complaints were reported to have been received during the reporting period by LOR. No Incidents were reported that would trigger reporting under Condition A41 and no non-compliant events were reported or observed by the ER for the reporting period.
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. Ongoing works comprise defect rectification and removal of laydown items.
Looking Forward – Core Focus Areas
<ul style="list-style-type: none">▪ 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 as an interface contractor. 			
Key Construction Activities Look Ahead			
<ul style="list-style-type: none"> Variations: Drummy tiling and move asphalt and grout infill gap repairs for gap between Asphalt and coping tile; Break out extra concrete at paving around Metro ID sign; Paving around Metro ID sign; Tactiles at Sydenham Road Pram Ramp. 			
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 November 2023.			
Photos			
Nil			
Endorsed Document/s			
<ul style="list-style-type: none"> Nil 			
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 SSJ.</p> <p>The ER is not aware of any non-compliances for SSJ during the period.</p> <p>There were no incidents for SSJ reported to the ER under conditions A41 of SSI 7400.</p> <p>There were no minor Class 3 environmental incidents reported to the ER during the period.</p> <p>The ER is not aware of any complaints during November 2023 that could be attributed to the SSJ works.</p>			
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.			
Looking Forward – Core Focus Areas			
<ul style="list-style-type: none"> Completion of remaining Conditions of Approval and Revised Environmental Mitigation Measures Completion of last SSJ Compliance Tracking Report (CTR) Q3/Q4 2023. 			



3. Line Wide (Tallawong to Bankstown)

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

Key Construction Activities During the Period

Key Construction Activities below (SC Reports):

Northern Connection

- Weekend possession works planned for first weekend of December 2023

Chatswood Dive Site

- Mowbray Road Outage OOH backfilling completed
- Demolition works nearing completion (Logistic Shed, Spoil Shed, Site workshop and Construction WTP)
- Landscaping works nearing completion
- Nelson Street stormwater works - Trenching for stormwater connection is progressing within the CDS site
- Frank Channon Walk diversion works commenced, concrete removed, hoarding near Nelson St has been removed and replaced with fencing
- Asbestos is being managed

Artarmon Joint Bay (Carlotta St)

- Joint Bay works completed and site has been demobilised

Blues Point

- Rectification works have commenced in third week of November 2023

Surry Hills BPS works

- Frog Hollow Reserve - Handed back to City of Sydney Council (CoS) temporarily
- Randle Lane Joint Bay – Works completed and the site has been demobilised
- Belmore St Joint Bay – Works completed and the site has been demobilised

SMTF South (Marrickville):

- Operational WTP – Process commissioning completed. Operational discharge commenced late November onwards. Additional tanks required as part of the operational WTP have been delivered, civil works associated with this upgrade to commence late November 2023.
- Administration and Maintenance Buildings – Minor defect works underway
- Fire Pump Room — testing and commissioning ongoing. Minor defect works underway
- Stabling Yard - Train testing ongoing
- Southern Dive - Testing and commissioning (T and C) works ongoing
- Hoarding removal and replacement with permanent fencing
- Civil Works – Fencing works ongoing
- Permanent swale works in progress

Sydenham Station

- Testing and Commissioning ongoing

SW Corridor Traction Substation sites:

Dulwich Hill TSS

- Substation is energised
- Landscaping completed
- Testing and commissioning

Canterbury TSS

- Substation is energised
- Landscaping completed



- Electrical works ongoing

Campsie TSS

- Campsie TSS is energised – with no works/access to site (22/08)

Lakemba TSS

- Substation is yet to be energised (potentially in second week of December 2023)
- Landscaping completed
- Fencing and electrical works ongoing

Punchbowl TSS

- Substation is yet to be energised (potentially in second week of December 2023)
- Electrical works ongoing
- Perimeter fencing installation has commenced

HV Works

- No HV works for the reporting period

Padmount Transformers

- Padmounts at 95% completion.
- Service building at 65% completion

Canterbury - Campsie BPS Joint Bay worksites

- Anzac St Joint Bay – joint cable replacement works completed, testing completed and site demobilised
- Cooks Ave Joint Bay – joint cable replacement works completed, testing completed and site demobilised
- Gould St Joint Bay - joint cable replacement works completed, testing completed and site demobilised
- South Pde Joint Bay - joint cable replacement works completed, testing completed and site demobilised

Pat O’Connor (POC) Reserve, Canterbury

- No works

Key Construction works/activities Look Ahead - December 2023

Look-ahead of upcoming activities /works:

- CDS – Demobilisation activities including demolition of WTP and spoil shed.
- Chatswood - Nelson Street cul-de-sac modification work and Frank Channon Walk redevelopment/ landscaping (during Standard Construction Hours).
- Dynamic train testing continuing.
- SMTF S – Demobilisation of Construction WTP scheduled.
- SMTF S (Railway Parade, Marrickville) – Ausgrid services relocation pending Ausgrid confirmation.

ER Inspections

ER Inspections are typically on a fortnightly cycle with weather permitting. Three ER inspections conducted by the ER in November - #169, #170 and #171 on 3/11/23, 9/11/23 and 23/11/23 respectively. Key new issues/actions raised are summarised below:

TSS Sites - ER Inspection #169 – 3/11/2023 [Weather conditions: Cloudy with moderate showers; Temp 19.6°C, Wind Dir – NW; Wind speed – 11 km/h; 0.2mm (Rain since 9.00am) (Source: BoM Canterbury @9.00am 03/11/2023); rainfall previous days to inspection – 0.0mm between 31/10-02/11].

- Dulwich Hill TSS - Discussed some tube stock/trees that require possible replacement (appeared dried), targeted noxious weed removal required on along newly planted vegetation on Randall St. Low priority action raised.

Northern Sites and SMTF South – ER Inspection #170 – 9/11/2023 [Chatswood Weather · 18.3 °C Lowest 18.3 °C 4:10 am; Highest 25.9 °C 11:15 am; 0 mm of rain since 9 am Wind: 28 kmph NE (BOM Sydney Observatory)]

- Chatswood - graffiti observed on the hoarding to be removed in accordance with Project VAMP.



- SMTF S - graffiti observed on the shade cloth and hoarding to be removed in accordance with Project VAMP.
- SMTF S - weeds observed around Construction WTP area and hoarding near Edinburgh Ave - targeted weed removal/treatment required.

TSS Sites - ER Inspection #171 – 23/11/2023 [Partly Cloudy 19.5 °C Lowest 19.3 °C 1:58 am; Highest 25.2 °C 12:25 pm; 0 mm of rain since 9 am (Canterbury, BOM Sydney)]

- No issues noted during the inspection.

Photos



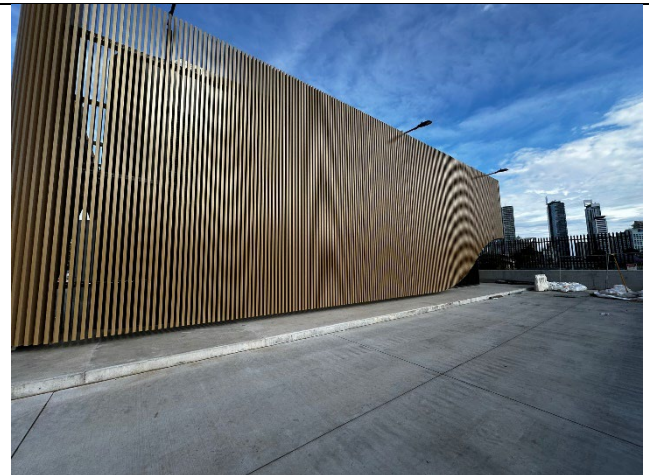
CDS: Frank Channon Walk works ongoing.



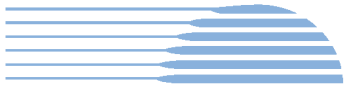
CDS: Spoil shed demolition ongoing.



CDS: Amenities building demolished.



Northern Dive Building: Façade installation completed.



SMTF S: New fence installed on Edinburgh Rd.



SMTF S: Stabling Yard: Dynamic Train Testing continuing.



SMTF S: New filter media delivered for upgrade of operation WTP.



<p>Endorsed Document/s</p> <p>November</p> <ul style="list-style-type: none"> OOHWA-215 Campsie BPS Joint Bay Dewatering Rev14 - SMCSWLWC-SYC-CTC-EM-PMT-012198 OOHWA-100 - SMTF South - Deliveries and Access Noise and Vibration Testing Plan (NTP) - Tunnel Ventilation System (TVS) – Rev B
<p>Non-compliance/ Incidents or Repeat Complaints</p> <p>Sydney Metro has been providing summaries of complaints to DPIE daily and a summary to the ER. Responses to each complaint have been noted in each complaint report, with follow up actions often defined in revised reports. Key or repeat items of note are discussed below for the respective projects.</p> <p>There were no incidents for Line Wide reported to the ER under conditions A41 to A44 of SSI 7400 or A36 of SSI 8256.</p> <ul style="list-style-type: none"> No minor Class 3 events reported to the ER, for this reporting period. No non-compliance was reported to the ER during the reporting period <p>Complaints during this reporting period are summarised below:</p> <p>November</p> <ul style="list-style-type: none"> 29/11/2023 - Stakeholder complaining of humming coming from Canterbury substation, resident also concerned about the colour of the substation. Resident stated they sent an original complaint on 21 November but did not receive a reply. Response sent to the stakeholder as follows: <i>Apologies for the delay in getting back to you – unfortunately there seems to have been a technical glitch as we do not have a record of your original email. Please rest assured we aim to action all complaints within two working hours. We carried out noise monitoring when we energised the substation in late September. Noise monitoring at this time indicated that it was operating in a manner that was compliant with our noise requirements. I have spoken to our Environmental Manager, and we will arrange additional noise monitoring at your property on the evening of 30 November. I am advised that the fading of the wall is expected to happen over time and would not be noticeable at this stage.</i> <p>Complaints unrelated to SC/SM activities during this reporting period are summarised below:</p> <p>November</p> <ul style="list-style-type: none"> Nil
<p>Audits</p> <ul style="list-style-type: none"> No ER involvement in audit activity including Independent Environmental Audits
<p>ER Closing Comments and Looking Forward</p> <p>Key Points:</p> <ul style="list-style-type: none"> Overall, the Project continues to generally perform well, with ER Inspections across this month identifying generally minor actions and opportunities for improvements. The Project Team continue to be responsive to queries/comments raised in document reviews/discussions and any recommendations (as applicable) made by the ER. <p>Looking forward:</p> <ul style="list-style-type: none"> CDS – Demobilisation activities including demolition of spoil shed and WTP. Chatswood - Nelson Street cul-de-sac modification work and Frank Channon Walk redevelopment / landscaping (during Standard Construction Hours). SMTF S (Railway Parade, Marrickville) – Operational WTP civil works, demobilisation of construction WTP, demobilisation of laydown area.



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)	Maulik Bapodara

Key Construction Activities During the Period (November 2023)

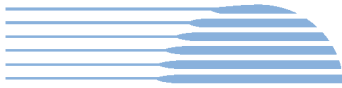
- **Tunnels**
 - Finishing works and testing and commissioning
 - Train testing and commissioning (T and C) activities
- **Stations**
 - Platform Screen Doors (PSD) testing and commissioning at all stations
 - Ongoing equipment installation and T and C works in equipment and station rooms.

Sydenham Station

 - T and C activities of electrical services, including power, communication and signalling equipment and systems; and PSD
 - Dynamic train testing
 - Minor finishing works at Sydenham Station and in the rail corridor
- **SMTF-North**
 - Dynamic train testing – SMTF N to Chatswood
- **SMTF-South**
 - 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**
 - Installation of equipment and cable at Chatswood Station platforms, concourse and trackside
 - T and C of trackside assets between Northern Dive and Chatswood

Key Construction Activities Look Ahead – December 2023

- **Tunnels**
 - Finishing works and testing and commissioning
 - Train testing and commissioning activities
- **Stations**
 - PSD testing and commissioning at all stations
 - Ongoing equipment installation and T and C works in equipment and station rooms
- **SMTF-North**
 - Dynamic train testing – SMTF N to Chatswood - Test train operating between SMTF-N and Chatswood to test the newly installed equipment
- **SMTF-South**
 - 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**
 - Cable installation in corridor between Sydenham and Bankstown
 - Temporary removal of trackside equipment



<ul style="list-style-type: none"> ▪ Southwest Stations <ul style="list-style-type: none"> ○ Cable works and installation of equipment along the corridor
ER Inspections
<ul style="list-style-type: none"> ▪ No ER inspections conducted in November.
Photos
<ul style="list-style-type: none"> ▪ N/A
Endorsed Document/s
<ul style="list-style-type: none"> ▪ Q3-Q4 2022 CTR (7400 and 8256)
Non-compliance/ Incidents or Repeat Complaints
<p>Sydney Metro has been providing summaries of complaints to DPIE daily and a summary to the ER. Responses to each complaint have been noted in each complaint report, with follow up actions often defined in revised reports. Key or repeat items of note are discussed below for the respective projects.</p> <p>One complaint was received for the reporting period: 28/11/2023 - Complaint - Stakeholder rang 1800 number to express dissatisfaction at with noisy works occurring past midnight on Pacific Highway. Stakeholder advised noise was generated by water pressure truck and video footage had been obtained. Stakeholder advised he had recorded internal noise levels of 75-80 decibels.</p> <p>Resolution - Community Relations manager acknowledged complaint and advised that high noise work for Crows Nest Station should have ceased by 12 midnight. Explained that Telstra were working on Pacific Highway adjacent to Site A and that they do not follow the same out of hours work protocols. Advised would call back in the morning to confirm outcome of further investigation. Manager follow up call with stakeholder resulted in receipt of video footage confirming works carried out were not related to A W Edwards Crows Nest Station works. Close out email to be provided to stakeholder confirming this with Telstra notification included for stakeholder’s reference.</p> <p>The ER is not aware of any non-compliances during this 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.</p>
Audits
<ul style="list-style-type: none"> ▪ No audits proposed
Looking Forward – Core Focus Areas
<ul style="list-style-type: none"> ▪ 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			
<ul style="list-style-type: none"> ▪ General framework (Sites B and C) ▪ OSD – Site C Scaffolding above level 8 and minor concrete pours ▪ Minor concrete pours Site B ▪ Internal services, finishes and fit-out ▪ Public domain for utilities on Clarke St and Hume Street – paving on Clarke Street commenced ▪ Demolition of the capping beam ongoing ▪ Blockwork all sites ▪ Installation of precast panels for Site A and Oxley Street ▪ Pacific Highway utility works ongoing ▪ Sydney Water pipe connection completed 			
Key Construction/Activities Look Ahead			
<ul style="list-style-type: none"> ▪ General framework (Sites B and C) ▪ OSD – Site C ongoing ▪ Minor concrete pumping and pouring on Pacific Highway/Clarke Lane –Site B ▪ Services, finishes and fit out internally ▪ Public domain work at Clarke and Hume Street - ongoing ▪ Demolition of the capping beam for Site A ▪ Precast panels on Oxley Street and Site A and B ▪ Blockwork ▪ Minor concrete pours at Site C ▪ Pacific Highway intersection Out of hours works (OOHW) ▪ Hume Street bridge completion 			
ER Inspections			
<p>There was one ER inspection conducted on 22 November 2023. The following observations were noted:</p> <ul style="list-style-type: none"> ▪ Footpath access was maintained for pedestrians and traffic control in place where maintenance was not possible. ▪ ESC maintenance was undertaken across the site, noting that coir log placement required minor adjustment to prevent water entering stormwater pits. ▪ Ongoing discussions with AWE regarding OOHW approvals and work outside of the approvals. ▪ Work areas are generally maintained and fuel was appropriately stored. ▪ Worker behaviour at Clark Street North continued to be good, noting smoking and access obstruction behaviours were not observed during ER inspections. ▪ Noise mitigation measures (noise tent) for paving cutting were installed (good practice). 			



Photos



Clarke Lane North – the area was maintained with no tracking observed.



Clark Lane North minor ancillary facility – area was maintained, and no sediment was observed exiting the minor facility. Metro approved banner mesh had been installed.



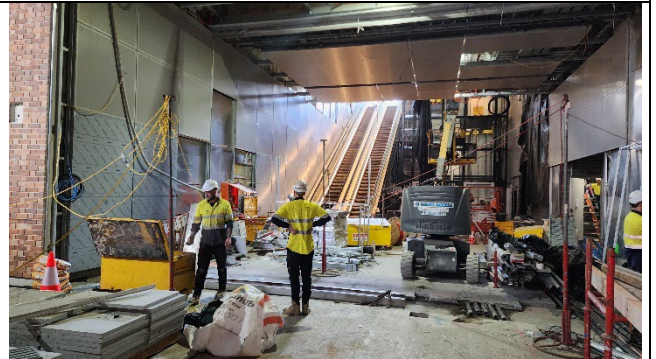
B1 concourse – Installation of opal card readers.



Clark Street – Noise tent installed for paving cutting (note in process of relocating during the inspection).



Clark Street Public Domain works – Coir logs and drain protection installed.



Clark Street site C – Escalator commissioning from concourse.



Clark Street Public Domain works (trenching) – Erosion and sediment control installed and good tree protection.



Clark Lane South – Traffic control is in place and erosion and sediment controls maintained.



Endorsed Document/s
<ul style="list-style-type: none">▪ Clark Lane north minor ancillary facility▪ OOHWA036 – Utility work Pacific Highway▪ OOHWA037 – Paving Clarke Street
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 the Crows Nest ISD package below.</p> <p>The ER is aware of no non-compliance raised during the month and 6 complaints relating to Crows Nest ISD work. There were no incidents reported to the ER under conditions A41 to A44 of SSI 7400.</p> <p>Complaints are summarised as follows:</p> <ul style="list-style-type: none">▪ One related to worker behaviour (concrete in garden bed)▪ One related to Clark Lane north access and general construction▪ Two related to respite offers▪ One complaint was raised regarding vehicle damage (noted that complainant drove through the work site against traffic control orders)▪ One regarding traffic control on Clarke Street <p>Complaints raised that were not related to Sydney Metro work included:</p> <ul style="list-style-type: none">▪ One regarding an idling concrete truck offsite
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
<p>Core Focus Areas</p> <ul style="list-style-type: none">▪ Continue to monitor OOHW and adjust as required.▪ Risk-based inspections including Pacific Highway intersection OOHW and public domain work.▪ Monitor public domain works for community impacts and appropriate sediment control.▪ Monitor worker behaviour impacts on the community. <p>ER Closing Comments:</p> <ul style="list-style-type: none">▪ The ER noted an improvement across the site during this inspection. It was noted that construction complaints have decreased.▪ AWE supervision of the implementation and management of environmental controls has significantly improved.▪ Inspections are approximately every three weeks and/or when high-risk work is undertaken.



6. ISD – Pitt Street (now known as Gadigal Station)

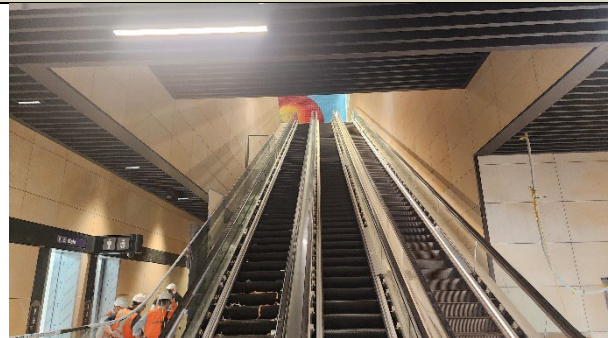
Project Approval	Contract Package	EPL	Environmental Representative/s
SSI 7400 (C2S)	Pitt Street ISD (PS-ISD) CPB Contractors	No EPL	Brett McLennan
Key Construction Activities During the Period			
<p>Pitt Street South (PSS)</p> <ul style="list-style-type: none"> ▪ Blockwork completed across the project with miscellaneous walls remaining ▪ Services installation ongoing to all levels ▪ Glazing installation and ceiling to level 00 entrance following completion of awning glazing works ▪ Facade works remain on ground level in addition to awnings ▪ Completion of all escalator fit-out ▪ Installation of electronic ticketing systems ongoing (ETS) ▪ Capping beam demolition completed ▪ Relocation of gas main in Bourke Street - out of hours (OOHs) <p>Platforms and Caverns</p> <ul style="list-style-type: none"> ▪ High Speed Dynamic Testing ongoing ▪ Quality works for GRC and tiling ▪ B04 Terrazzo installation completed, polishing ongoing ▪ Service Installation ongoing <p>Pitt Street North (PSN)</p> <ul style="list-style-type: none"> ▪ Blockwork construction progressing ▪ Services installation on-going to all levels including testing and commissioning. ▪ Façade glazing, louvres large portion large balance complete waiting for removal of outstanding loading platforms ▪ Fit-out of various escalators on-going. <p>Utilities (based on 2 contractors per façade)</p> <ul style="list-style-type: none"> ▪ HV works – almost complete ▪ Watermain diversion ▪ Smart pole installation ▪ Sewer ▪ Fire-main ▪ Stormwater ▪ Smart Pole Installation ▪ Gas Diversion 			
Key Construction/Activities Look Ahead			
<ul style="list-style-type: none"> ▪ Daytime ROLs were approved for January 2024, given lower traffic volumes. ▪ Road Occupancy Licences (ROL) for PSS (Pitt St and Bathurst St) earlier commencement (by half to one hour) was trialled successfully and applications for earlier ROLs have been requested. ▪ Target dates for station completion is early 2024. ▪ No internal works between November 2023 – January 2024. ▪ External works completion date is March 2024. 			
ER Inspections			
<p>There was one ER inspection on 9 November 2023.</p> <p>Issues of note during the inspection include:</p> <ul style="list-style-type: none"> • PSS – maintenance of erosion and sediment controls on Castlereagh Street • Noise levels for the OSD works were also discussed with CPB, noting mitigation measure could be better installed. <p>In general, the sites maintained excellent site housekeeping and pedestrian access maintained around the work sites.</p>			



Photos



Pitt St South (PSS): Opal card readers installed.



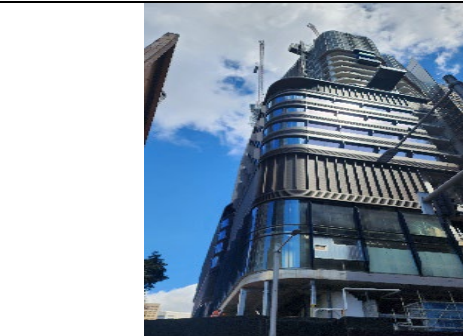
PSS: Escalators to Bathurst Street.



Platforms: Eastern Platform.



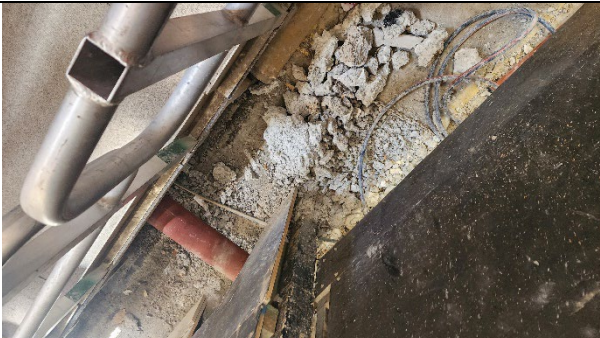
Pitt St North (PSN): public artwork and escalator installation.



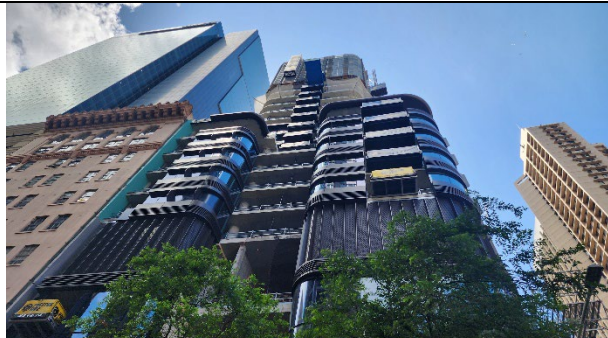
PSN: external cladding installation from Castlereagh Street.



PSN: OSD concrete pump on Castlereagh Street (noting noise mitigation could be better).



PSN: Cleanup of concrete and sediment controls required on Castlereagh Street.



PSN: Cladding from Pitt Street.

Endorsed Document/s

- OOH_0058– 24 hours works October to December 2023 (Updated)
- OOH_0059 – Multiple fronts for utility work
- OOH_060 – Tree removal on Pitt Street

**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 were four complaints during the period related to out-of-hours work. One complaint was regarding worker behaviour.

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 and Pitt Street utility relocation has continued with the use of the noise tent.
- Monitor the implementation of the CEMP and sub-plans.
- ER will be conducting an inspection based on scope risk moving forward, generally once per month.

ER Closing Comments:

- The Project continues to perform well, with OOHW mitigation measures (e.g. noise tent) being implemented for concrete sawing work. CPB has shown initiative by requesting earlier ROL's and daytime ROLS to reduce out of hours impacts.



7. ISD – Waterloo

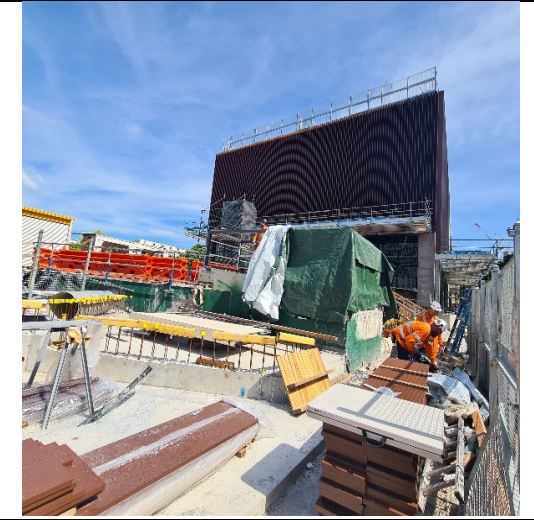
Project Approval	Contract Package	Environmental Representative/s
SSI 7400 (C2S) (Does not include associated SSDs)	Waterloo ISD – John Holland	Swathi Gowda
Key Construction Activities During the Period		
<p>Update provided by Contractor:</p> <ul style="list-style-type: none"> ▪ Utilities works - Sydney Water scope (Cope St) ongoing during standard hours ▪ Water main install (Sydney Water scope) connection started at Raglan St 06/11, to be followed by Botany Rd (OOHW#46) ▪ Cranage works from Cope St and internal site ongoing ▪ General deliveries ongoing ▪ Public Art wall install nearing completion ▪ Minor FRP continuing – North end of plaza ongoing ▪ Block work install and fill complete ▪ Fit out works and service installation across B5 and B3 South/North and level one ongoing – almost at completion ▪ Façade and awning installation ongoing ▪ Civil/Geotech works on Cope St, Raglan St and Wellington St ongoing <p>Notes only regarding OSD:</p> <ul style="list-style-type: none"> ▪ OSD works ongoing (South and North-western areas of the site) 		
Key Construction/Activities Look Ahead		
<ul style="list-style-type: none"> ▪ Q1 and Q2 2023 Compliance Tracking review/reporting ▪ Validation Reporting (Raglan St) to inform Site Auditor Statement ▪ Cranage works and general deliveries ongoing ▪ Form reo pour (FRP) works ▪ Fit out works and service installation ongoing ▪ Building façade installation ongoing ▪ Civil works on Cope, Raglan and Wellington St ongoing ▪ Sewer and water connection works ▪ Utility works and investigation works (Standard Hours/OOHW) 		
ER Inspections		
<p>ER inspections are on a monthly cycle weather permitting. One ER inspection was conducted by the ER on 09 November 2023 [Thursday; rain since 9am – 8.2 mm for 05/10/23 and rainfall previous days to inspection - 3.0mm (06/11) 0.2mm (07/11) and 0.0mm (08/11)]. The following new actions raised are summarised below:</p> <ul style="list-style-type: none"> ▪ Retaining wall along south eastern end of Cope St/Raglan St and Cope St Site compound: Sediment controls observed around kerb drain. Discussed installing geofabric, where disturbance is JHG related and maintenance around sediment controls installed at this location and also around drain on south-eastern end of Cope St site compound. Action raised. ▪ Southern Building: Discussed noise complaint #5159 (03/11/2023) re generator. JHG confirmed generator is required in evening period to install top hats and mesh for the brick façade, with works in area completed by 10pm. JHG to investigate if generator relocation if possible and install signage to reinforce turning generator off when not in use/by 10PM. Action raised. ▪ Cope St Site Compound: JHG reports demobilisation activities ongoing, with construction material and waste being removed progressively. Street sweeper scheduled for clean-up. Photos to be provided to ER, post scheduled clean-up. Note raised. 		



Photos

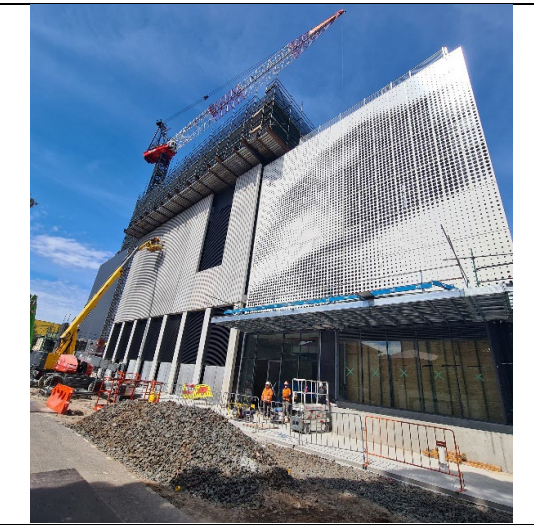


Northern Building: Waterloo signage, façade and awning installation; fit out and service works continuing.



Cope St Site Compound: Stormwater works underway.

Cope St Plaza: Skylight installation works underway.



Southern Building: Façade and awning installation ongoing.

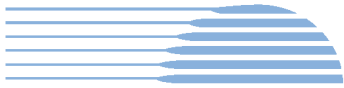


Endorsed Documents
November <ul style="list-style-type: none">▪ Nil
Complaints / Incidents / Non-compliance
<p>Sydney Metro has been providing summaries of complaints to DPE daily and a summary to the ER. Responses to complaints have been noted in each complaint report, with follow up actions often defined 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>
<p>Nil non-compliances reported to the ER during this reporting period.</p> <p>Nil minor incidents (Class 3) reported to ER during this reporting period.</p> <p>Complaints during the reporting period are summarised below:</p> <ul style="list-style-type: none">▪ 03/11/2023 - Noise and Vibration (OOHW) - A noise complaint was received at 9.56pm from a resident on Wellington Street.▪ 08/11/2023 - Noise and Vibration (OOHW) - Noise complaint regarding road/traffic control officers radio and voices. Declined to provide contact details to gather any further information.▪ 14/11/2023 - Noise and Vibration (OOHW) /Notification - Resident complained about night works and notification process.▪ 20/11/2023 – Noise and Vibration (OOHW) – Complaint regarding noise after 10pm on Cope / Wellington Street corner for Sydney Water cutover (same complainant as 03/11/2023 complaint). <p>Complaints unrelated to WL ISD/SM activities during this reporting period:</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
<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, Contractor’s response and issues. <p>ER Closing Comments/Notes:</p> <ul style="list-style-type: none">▪ Four noise complaints during the reporting period as summarised above with generally appropriate response to complaints including ER/AA queries to any complaints in the reporting period.▪ ER/AA inspections will be based on scope of risk moving forward.▪ 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

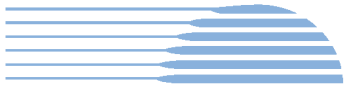
Project Approval	Contract Package	EPL	Environmental Representative/s
SSI 7400 (C2S)	Victoria Cross ISD (VC-ISD) Lend Lease (LL)	No EPL	Swathi Gowda Michael Woolley
Key Construction Activities During the Period			
<p>Construction Activities - Update provided by LL on 22/11/2023:</p> <p>VC North (VCN):</p> <ul style="list-style-type: none"> ▪ Fit out works and services within the shaft and building ▪ Façade installation at ground level at McLaren Street <p>Station Cavern:</p> <ul style="list-style-type: none"> ▪ Station finishes <p>VC South (VCS):</p> <ul style="list-style-type: none"> ▪ Denison Street – now loading zone (during standard construction hours only) ▪ Low rise retail/commercial at Level 4 at one site, Level 6 at other (final levels) ▪ Façade installation ▪ Services and fit out below the top deck ▪ ISD structural work remaining at southwest corner of the site ▪ Temporary site entrance moved to Denison St <p>Note only:</p> <ul style="list-style-type: none"> ▪ OSD concrete works at Level 14 ▪ OSD jumpform at Level 24 			
Key Construction/Activities Look Ahead			
<p>CTR review/reporting Q3 and Q4 2023</p> <p>Standard Construction Hours:</p> <ul style="list-style-type: none"> ▪ Water Treatment Plant decommissioning proposed in December (dependent on LWW connection) ▪ Detention tank works (Miller Street) <p>OOHWA:</p> <ul style="list-style-type: none"> ▪ OOHWA #29 – South site HV install works (Up to six nights work within the period 27/11/23 to 22/12/23) ▪ OOHWs extended to Oct - Dec 2023 with reduced scope of fit out and services only: <ul style="list-style-type: none"> - Victoria Cross South site – Ongoing OOHW #17 - Victoria Cross North site – Ongoing OOHW #15 and #20 			
ER Inspections			
<p>ER inspections are on a monthly cycle weather permitting. One ER inspection was conducted by the ER on 21 November 2023 with summary of new issues/actions raised below:</p> <p><u>ER Inspection #39 – 21/11/2023</u> [Tuesday; 0.00 mm rain since 9am and rainfall previous days to inspection - 0.6mm on 18/11 and 0.00mm on 19/11 and 20/11]:</p> <ul style="list-style-type: none"> ▪ VCN - North Yard: Discussed sediment fence to be fixed in area including maintenance to remove sediment load and photos to be provided to ER/SM, following housekeeping scheduled prior to Picnic Weekend (shutdown) period. ▪ VCS: Discussed and raised provision of adequate bins for cigarette butts noted on Denison St and corner of Miller/Berry St. Housekeeping required outside Denison St and around the pedestrian walkway along Miller St. LL to tool box site crews as reminder. ▪ VCS – Miller St: Discussed dust suppression underway for wetting down waste within Bingo skip and to review with relevant supervisor (to reduce water pressure/run-off) and to extend/install coir logs near jersey barrier. 			



Photos	
	
<p>VCN – North (Miller St): Victoria Cross Station Entrance – fit out works.</p>	<p>VCN – North (Miller St): Opal card readers and wayfinding signage installed.</p>
	
<p>VCN: Bike storage racks installed.</p>	<p>Station Cavern: Station finishes.</p>



<p>Public Northern Access Adit – Wayfinding signage installed and completed.</p>	<p>VCS – Miller St: Excavation underway and hardstand removed for detention tank works.</p>
<p>Endorsed Document/s</p>	
<p>November</p>	
<ul style="list-style-type: none"> ▪ OOHWA 29 – South site HV works Rev 1 ▪ VC CA TfNSW - Miller Street Crossing Final (1.0) 	
<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>	
<ul style="list-style-type: none"> ▪ Nil incidents reported to the ER during this reporting period. ▪ One NC raised against CoA E81 which relates to the CTMP and reported to the ER during this reporting period for complaint (#5128) received on 24/10/2023 relating to parking out of hours on Berry St from a complainant in a nearby office. A crawler crane (an oversized load) was parked on Berry St overnight when works were not being undertaken. LL were of the understanding that an existing work zone permit covered the parking of the crane overnight based on the wording of the work zone permit. On receipt of the complaint, and speaking with NSC, a separate stand plant permit is required to keep the crane on Berry St overnight. Section 8.4 of the CTMP covers the need for work zone permits and stand plant permits. Stand plant obtained from NSC and relevant personnel to ensure that a stand plant permit is in place for any plant to remain in the work zones overnight. 	
<p>Project related complaints are summarised below:</p>	
<p>November</p>	
<ul style="list-style-type: none"> ▪ 30/11/2023 – Noise and Vibration OOHWA - Complaint received from Rag and Famish Manager about the sound of a loud truck located on Berry St describing the sound as deafening; that it was untradeable and the beer garden was unusable from 10pm – impacting the business heavily. 	
<p>Unrelated complaints are summarised below:</p>	
<p>November</p>	
<p>One complaint received for activities unrelated to LL/SM – refer below:</p>	
<ul style="list-style-type: none"> ▪ 24/11/2023 – Property Access - Complaint received from Rag & Famish worker complaining about flooding on the footpath around the south site and if the drain can be cleared for the water to drain. Unrelated to SM/LL and response provided that team would tidy up and clear area as best they can. 	
<p>Audits (specific to packages reported in this report)</p>	
<p>No ER involvement in audit activity including Independent Environmental Audits.</p>	

**Looking Forward – Core Focus Areas and ER Closing Comments**

Core Focus Areas

- Detention tank works (Miller St)
- OOHWs extended to Oct - Dec 2023 with reduced scope of fit out and services only:
 - Victoria Cross South site – Ongoing OOHW #17
 - Victoria Cross North site – Ongoing OOHW #15 and #20
- 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.

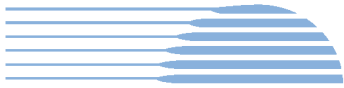
ER Closing Notes/Comments:



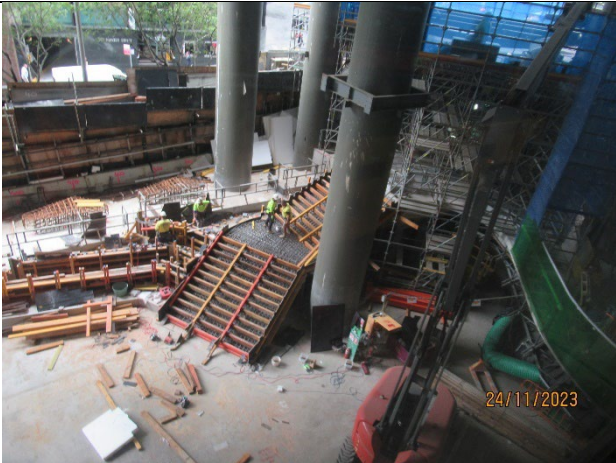



- One project related complaint received during the reporting period is summarised above. Complaints remain low and consistent with previous month.
- ER inspections will be based on scope of risk moving forward.
- Project continues to be responsive to queries/comments raised relating to any complaints, document reviews/discussions (as applicable) 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
Key Construction Activities During the Period			
<p>Martin Place South (MPS)</p> <ul style="list-style-type: none"> ▪ Ongoing installation of the building façade – near complete ▪ Other general construction activities including fit out of the lower floors of the building ▪ Ongoing use of temporary pedestrian crossing of Martin Place between Elizabeth and Castlereagh Streets under B Class Hoarding ▪ General OOHWS ▪ Concrete pumping and deliveries from Castlereagh Street ▪ Works in the public areas of Martin Place <p>Martin Place North (MPN)</p> <ul style="list-style-type: none"> ▪ Various building work activities comprising various fit out and other activities ▪ Various works including fit out within the SSD approved project ▪ Commissioning of various escalators ▪ Fit out of the open atrium connecting the station levels to the tower <p>Station Caverns and Adits</p> <ul style="list-style-type: none"> ▪ Fit out activities including installation/commissioning of panelling, services, escalators and fire safety systems ▪ Line Wide works in the station caverns, including ongoing testing of trains ▪ Installation of ticketing gates ▪ Works to access the Martin Place station on the ESR ongoing ▪ Station platform fit out essentially complete 			
Key Construction/Activities Look Ahead			
<ul style="list-style-type: none"> ▪ Activities as described above ongoing ▪ Works to clean out areas of the Martin Place underground areas east of Castlereagh Street utilising the stairs on Martin Place adjacent the MLC shopping centre – now planned for January 2024 			
ER Inspections			
<p>One ER inspection was conducted during the reporting on 24 November 2023. No new issues were raised. One open issue related to the use of tonal alarms on plant being operated on the ground floor level of Martin Place South was closed. Site activities continue to be focussed on fit out and commissioning and are repetitive in nature. Many of the SSI areas are near complete such as the station platforms.</p>			



Photos	
 <p>24/11/2023</p>	 <p>24/11/2023</p>
Martin Place North: View from Castlereagh Street.	Martin Place North: Base of escalators.
 <p>24/11/2023</p>	 <p>24/11/2023</p>
Martin Place North: Foyer area.	Martin Place: Escalators connecting to the Martin Place railway station.
 <p>24/11/2023</p>	 <p>24/11/2023</p>
Martin Place Station: New red tiles in place.	Martin Place: View of public space from Martin Place South tower.
Endorsed Document/s	
<ul style="list-style-type: none">▪ OOHW106 - Comms services adjustments in Castlereagh St▪ OOHW52 - Updated application for hours of works following renewal of the community agreement▪ OOHW106 - Comms services adjustments in Castlereagh St Rev 2▪ OOHW 103- Stormwater Connection works Rev 2	



Complaints / Incidents / Non-compliance
<p>One complaint was reported to have been received during the reporting period related to general noise from Out of Hours Works. The complaint followed an email issued to the stakeholder for feedback on the extension of the community agreement for out of hours works.</p> <p>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.</p>
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)	No EPL	Jo Heltborg

Key Construction Activities During the Period

<p>Civil:</p> <p>Zone 1 (Main Site):</p> <ul style="list-style-type: none"> ▪ Stockpiling ▪ Water Treatment Plant (WTP) operation ▪ Construction of station escalator and elevator canopies complete ▪ Public domain works and landscaping ongoing; commencement of amphitheatre and heritage interpretation. <p>Zone 2 (former Shark’s Fin):</p> <ul style="list-style-type: none"> ▪ Gross Pollutant Trap (GPT) installation complete; Street D works ongoing. <p>Zone 3:</p> <ul style="list-style-type: none"> ▪ 56-Hr traffic switch complete on weekend of 10-12th November. Temporary road alignment to be demolished. <p>Zone 4 (Hickson Road wall):</p> <ul style="list-style-type: none"> ▪ Hickson Road new alignment in place along length of Zone 4 post traffic switch; Installation of architectural elements (FRP) to the ventilation pods ongoing. <p>Zone 5 (The Cutaway):</p> <ul style="list-style-type: none"> ▪ Landscaping and sandstone block replacement ongoing. <p>Zone 6 (Hickson Road, under bridge):</p> <ul style="list-style-type: none"> ▪ Western side of Hickson Road demolished and one lane open on the eastern side of the road under the bridge; Hickson Road wall vibration monitoring. <p>Station Box:</p> <ul style="list-style-type: none"> ▪ Structural steel and cladding installation; Floor finishes; Amenities fit-out; Northern entrance escalator works and fit-out; Lift pod fit-out works; Fire stairs electrical works; B3 Shark's Fin fit-out; Hydraulics and security installation; Plant room fit-out; Fire safety works and communications system; Commissioning of air conditioning, electrical, lift and escalator systems. ▪ Train testing at high speeds.







Key Construction Activities Look Ahead

<ul style="list-style-type: none"> ▪ Demolition of the former temporary Hickson Road alignment and associated works to reinstate Hickson Road ▪ Condensed water main testing & commissioning; Plume dispersion monitoring by Stantec after handover to MTR (operator) subject to Minor Works Approval (TBC) ▪ Hickson Road wall mesh removal and remediation ▪ Landscaping and sandstone block replacement in Zone 5 ▪ Reinstatement of pedestrian access through Zone 5 ▪ Installation of architectural elements (FRP) to the ventilation pods.
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ER Inspections

<p>There was one inspection conducted by the ER in November 2023 (16/11/23). Issues raised and discussed were as follows:</p> <ul style="list-style-type: none"> ▪ The compliant storage of hazardous chemicals ▪ Predicted noise impacts from planned demolition of the former temporary Hickson Road alignment ▪ Approach to the management of liquid waste / sludge generated from the former temporary WTP (TWTP).





Photos	
	
<p>Hazardous chemicals (waterproofing agent) requiring compliant storage.</p>	<p>Stockpile compaction and load-out.</p>
	
<p>Former temporary Hickson Road alignment, ready for demolition.</p>	<p>New Hickson Road alignment.</p>
	
<p>FRP for design elements of the ventilation pods was ongoing.</p>	<p>Hickson Road wall mesh removal yet to be complete.</p>



<p>The western side of Hickson Road had been demolished.</p>	<p>Hoarding removed and ATF with shade cloth in place along Nawi Cove boundary.</p>
<p>Endorsed Document/s</p>	
<ul style="list-style-type: none"> ▪ OOHWA-026_Weekend ROL Hickson Road_R02, 7/11/2023 ▪ TfNSW61_Consistency Assessment, Barangaroo WTP Ongoing Operational use, 9/11/2023 ▪ OOHWA-027_Two Lane Opening_R00, 24/11/2023 	
<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 incident reported to the ER for Barangaroo Station for the period:</p>	
<ul style="list-style-type: none"> ▪ 29/11/2023: Discharge of sediment-laden water into Sydney Harbour from the H01-02 outlet. Incident report not received from the contractor at time of writing this report so details of investigation unknown. 	
<p>There was one non-compliance (NC) reported to the ER for Barangaroo Station for the period:</p>	
<ul style="list-style-type: none"> ▪ 16/11/2023: Condition C16 of the CSSI states <i>“The results of the Construction Monitoring Programs must be submitted to the Secretary for information, and relevant regulatory agencies, for information in the form of a Construction Monitoring Report at the frequency identified in the relevant Construction Monitoring Program.”</i> Section 1.6 of the CNVMP states <i>“The results of noise and vibration monitoring shall be documented every 6 months in a noise and vibration monitoring report and submitted to the Secretary for information.”</i> The CMR has not been submitted to DPE 6-monthly, with a 12-month period between submission of CMR1 and CMR2. 	
<p>The ER is not aware of any complaints received in November 2023 related to BESIX Watpac works.</p>	
<p>Audits</p>	
<p>No ER involvement in audit activity including Independent Environmental Audits.</p>	
<p>Summary of Environmental Performance</p>	
<p>The following key points were discussed during the period:</p>	
<ul style="list-style-type: none"> ▪ The close-out of actions remaining open. ▪ The completion of BR Construction Monitoring Reporting on time for compliant submission to DPE. ▪ Verification of compliance with CoA E67 and implications of the station box remaining un-tanked post construction completion. 	



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			
<ul style="list-style-type: none"> ▪ Weekend 20 (WE20) Possession (11 & 12 Nov 2023): Security fence installation, Track skim reconditioning works, amping, regulating and track adjustment, GST & GLT, Segregation fencing in cess (fixing post & screens), Station brackets, Bridge throw screens (Duke & Church Street), Bankstown northern platform activities (piling), Cable installation and trackside equipment, and Overhead wiring portal installation ▪ JHLOR Stations scope including bracket/beam installation (clamping type) for CCTV ▪ Vegetation clearing and pruning in various locations; updates to the Tree Report ▪ Security fence installation, including tree impact assessment – Belmore to Punchbowl. Some sections within Archaeological Management Zone (AMZ) and adjacent to Threatened Ecological Communities (TECs) ▪ Operation of site office caravans at Metro Services Building (MSB) sites at Marrickville, Campsie, Belmore, Lakemba, Wiley Park & Punchbowl ▪ Canterbury Compound: Site offices and amenities, fuel and gas storage ▪ Belmore Triangle, Redman Parade: Wastewater storage; materials storage / stockpiling ▪ North Terrace Compound, Bankstown: Site offices and amenities, fuel and gas storage ▪ Bankstown Station: Retaining wall installation at Bankstown Station to facilitate future northern platform [under Southwest Metro 1 (SWM1) and SWM2 packages] 			
Key Construction Activities Look Ahead			
<p>Upcoming Xmas Possession (27/12/23-26/1/24): Scope TBC. Predominantly day works, with some track rectification planned out of hours (OOH).</p> <p>Potential Additional works under Bankstown Early Works (BEW) Package / Scope of Works TBC.</p>			
ER Inspections			
<p>There was one ER inspection conducted in November 2023, 21/11/2023. Actions raised included:</p> <ul style="list-style-type: none"> ▪ Materials remained stored inside the unapproved proposed Minor Ancillary Facility (MAF). A Non-compliance was raised for this activity on 28/9/2023. ▪ Security fence installation works were active in the former MAF area. Shade cloth had come away from the boundary fence. 			
Photos			
			
<p>Belmore Triangle - Materials storage. MAF Assessment pending re-submission.</p>		<p>Belmore Triangle - Vacuum truck slurry storage – to be disposed offsite.</p>	



Materials storage, Belmore Triangle.



Security Fence installation, Punchbowl.



Materials storage, Bankstown Station compound.



Piling for northern platform, Bankstown Station.



Endorsed Document/s

- SMCSWSSJ-JHL-WEC-EM-PLN-000011 - CEMP Rev20 to include SWM2/CPR117 scope, 9/11/2023

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 was one non-compliance reported to the ER during the period:

- **SMC NCR Bankstown Station Up-platform Activities Hold Point 8 Nov 2023:** Benching out of the rail embankment for the Bankstown Northern (Upper) Platform commenced without an Environmental review of the SWMS or consultation on whether the Construction Environmental Management Plan (CEMP) Rev 17 adequately addresses environmental risk of the activity in contravention to a Hold Point in Table 11 of the CEMP.

There were no incidents reported to the ER under Condition A36 of SSI 8256.

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

- **Tree Damage, Belmore_8 Nov 2023:** Damage to Tree T2296 was identified by the contractor. An initial site investigation showed a number of main tree branches had been broken off by an excavator and



pushed to the side to allow access into an area for work. The Project Tree Report (Design) recommends this tree is retained and protected. An arborist assessment of the damage recommended tree for removal.

- **Hydraulic oil leak along tracks_Melford HP_12 Nov 2023:** An excavator leaked oil along a 70m length of ballast from a damaged hydraulic pipe. The impacted area was sprayed with +-10L Oilgone200. No environmental harm reported.

The ER is aware of three complaints received in November 2023 related to the SMC works:

- **Complaint ID 5210 (Received 14/11/2023, Reported 16/11/2023):** Complaint regarding plastic wrapping being discarded along the rail corridor in Belmore. The area was cleaned and photos of clean site were provided. The storage of waste in work areas within the rail corridor was reviewed.
- **Complaint ID 5193 (Received 11/11/2023, Reported 13/11/2023):** OOH noise complaint from a resident, regarding work at Punchbowl station. JHLORJV Community Relations Manager (CRM) reviewed work program and modelling and confirmed that the resident's building would have been eligible for AA and RO for the OOHW. The resident's address is a mixed commercial and residential building and was missed when compiling the trigger list as it was only registered as a commercial building. The CRM offered the resident respite and advised that the building would be included in future modelling.
- **Complaint ID 5187 (Received 10/11/2023, Reported 13/11/2023):** SMS from resident requesting respite for standard hours work. The resident was called to explain that noise mitigation would be provided where feasible.

Audits

No ER involvement in audit activity including Independent Environmental Audits.

Summary of Environmental Performance

Environmental risks are consistent with high impact noise works during possessions and maintaining compliance with the Tree Report process during security fence installation. The number of complaints reduced significantly from October 2023. The upcoming Christmas Possession is a focus for the SMC Team.

Looking Forward – Core Focus Areas

- Management of ERSED controls generally.
- Management of noise during OOH Work ongoing during possessions.
- Management of tree impacts during construction of security fencing along the alignment, and maintenance of the buffer zone.
- Defining new scope for new packaged awarded and ensuring CEMP and Sub-plans remain updated to document associated risks.



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

Project Approval	Contract Package	EPL	Environmental Representative/s
SSI 8256 (S2B)	Marrickville, Canterbury and Lakemba Station Upgrades (MCL) (HSEJV)	No EPL	Brett McLennan

Key Construction Activities During the Period

Possession WE20 (11-13 November 2023) completed
 Rectification works ongoing at all stations

Marrickville:

- Testing and commissioning at station – Ongoing
- Pit lid replacement and cable pulling works completed

Canterbury:

- Testing and commissioning – Ongoing
- Pit lid replacement and cable pulling work completed

Lakemba:

- MSB and platform electrical and equipment install works – Ongoing
- Testing and commissioning – Ongoing
- Pit lid replacement and cable pulling works completed

Key Construction Activities Look Ahead

All sites

- PC handover to holding contractor as the sites are completed
- Defect repairs

ER Inspections

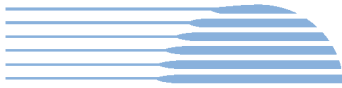
One ER inspection was for MCL on 10 November 2023. Issues raised during the inspection included:

- Replacement of dead plants in landscaped areas
- Weeds maintenance to continue until PC handover
- Noted that repainting to remove graffiti from Platform 2 station building will occur on reopening of the shared user path.

As construction activities are complete, this was the final ER inspection of MCL sites.

Photos

<p>Marrickville – MSB rain garden and landscaping.</p>	<p>Marrickville -Graffiti on Platform 2 station building.</p>



Canterbury – MSB hydroseed stabilisation of batter (note patch due to shallow rock).



Canterbury – upgraded bus shelters.



Lakemba – Car park and landscaping on Railway Parade.



Lakemba – rail embankment landscaping (note section missing plant landscaping raised with Sydney Metro to address with follow-on contractor).

Endorsed Document/s

- OOHWA-062 -Canterbury Generator
- OOHWA-063 – Generators at all MSBs for battery maintenance.

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 not aware of any minor incidents or NCRs, and no complaints related to Sydney Metro activities. No incidents were reported to the ER under condition A36 of SSI 8256.

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 handover of the sites and the closeout of package conditions for construction completion.

The ER notes that the sites are generally stabilised. No further site inspections are planned for MCL.

Looking forward:

- Principal Contractor handover to holding contractors
- Construction completion



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

Project Approval	Contract Package	EPL	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)	No EPL	Brett McLennan
Key Construction Activities During the Period			
<p>Possession WE20 (11-13 November 2023) completed</p> <p><u>Hurlstone Park</u></p> <ul style="list-style-type: none"> ▪ High-Level Containment at the concourse continued ▪ Lift installation for platforms one and two completed ▪ Rectification works ongoing ▪ Metro Services Building (MSB) –fit-out works continued ▪ MSB ramp 95% completed, Permanent gates to be installed ▪ MSB landscaping works are 99% completed ▪ MSB planter box installation is ongoing, planting commenced ▪ MSB - Stabilise low flow drain – Shotcrete completed on batter; remainder to be landscaped <p><u>Belmore</u></p> <ul style="list-style-type: none"> ▪ Rectification works ongoing <p><u>Wiley Park</u></p> <ul style="list-style-type: none"> ▪ Rectification works ongoing <p><u>Dulwich Hill:</u></p> <ul style="list-style-type: none"> ▪ Plaza Landscaping completed ▪ MSB fit-out works - Services Containment, Partitions and Linings, mechanical unit install - electrical works ongoing ▪ MSB Chiller pad preparation work completed ▪ Footbridge roller shutter installed ▪ Electrical works on the platform – ongoing ▪ Lift commissioning works completed and open to the public ▪ Rectification works ongoing <p><u>Campsie:</u></p> <ul style="list-style-type: none"> ▪ Concourse MEP, Rough-In Works - 90% completed – minor works to be completed ▪ Station operational services frames installed ▪ Station room aircon, bike room and shop 3 painting ongoing ▪ Defect rectification at the MSB, platform and concourse areas ongoing ▪ Minor ancillary facility (MAF) area handed back to Council <p><u>Punchbowl:</u></p> <ul style="list-style-type: none"> ▪ Rectification works ongoing 			



Key Construction Activities Look Ahead

All Stations

- Shutdown WE26-Wk30 (Christmas to Australia Day)
- Principal Contactor (PC) handover to holding contractor as the sites are completed
- Defect repairs
- Gas detector installation

Dulwich Hill

- MSB asphaltting work
- MSB access stair balustrade installation
- Footbridge Equipment Cabinet & Lift Cladding
- Footbridge downpipes

Hurlstone Park

- High-level containment/cabling at Concourse
- Lift commissioning works
- MSB fit-out

Wiley Park

- Containment under the concourse bridge

Campsie

- Final painting of existing and new buildings, structures, rooms and shops
- Concourse - Internal building fit-out of shops
- Potential for HV pole installation on Beamish St Bridge (OOHW)

ER Inspections

One ER inspection was for HBW and DCP on 10 November 2023. Issues raised during the inspection included:

Wiley Park

- Additional damage (vandalism) of the sandstone edging had occurred
- Stabilisation of The Boulevarde rail embankment was completed post-inspection
- Weed maintenance of swale

Hurlstone Park

- Landscaping (tree planting) adjacent to the Platform 2 access ramp was completed. Minor erosion of the embankment toe adjacent to the MSB occurred

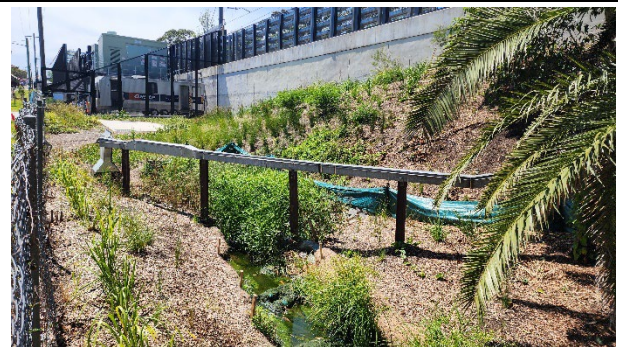
Dulwich Hill

- Compaction of asphalt in the Ewart Lane commuter car park was undertaken without noise mitigation

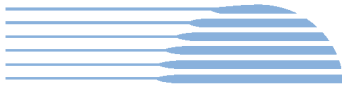
Photos



Wiley Park – damage to sandstone edging.



Wiley Park -Weed maintenance required in swale.



<p>Hurlstone Park - Minor erosion of embankment toe and tree planting.</p>	<p>Hurlstone Park - MSB planter boxes.</p>
<p>Endorsed Document/s</p>	
<ul style="list-style-type: none"> ▪ OOHWA WE 20 	
<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 no new non-compliances for the month and no complaints relating to DCP and HBW works. There were no incidents reported to the ER under condition A36 of SSI 8256.</p>	
<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>	
<p>Site inspection frequency is based on risk-based surveillance. Due to the low risk of upcoming work, the next ER inspection will be in January during possession works. Final inspections for Hurlstone Park, Campsie and Dulwich Hill are pending the completion of moderate-risk work.</p>	
<p>Looking forward:</p>	
<ul style="list-style-type: none"> ▪ Continued implementation checks for CEMP and sub plans. ▪ PC handover to holding contractors. 	



14. Sydney Metro Retained Obligations (SM)

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	Environmental investigation works at the Chatswood Dive compound (being undertaken by SM as Low Impact Minor Works). Procurement activities for Southwest Metro are underway.		
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	No further Independent Audits remain to be undertaken for remainder of calendar year.		
Looking Forward – Core Focus Areas			
SM	<ul style="list-style-type: none"> ▪ Procurement for SWM3 Package of works (currently underway) ▪ High speed train testing continuing ▪ SM Retained Obligations CTR Q1- Q2 2023 		



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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