

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

6 November 2023
Ref: 170108-ER_DPE October 2023

Dear Rob

RE: Sydney Metro City and South West – ER Monthly Reports for October 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 **October 23**.

Yours sincerely



Jo Robertson
Environmental Representative

Cc: Sydney Metro: Carolyn Riley, Fil Cerone, Dylan Jones, Ann Paterson, Cath Snelgrove
AA: Available on Sydney Metro Website
Contractors: Available to Contractors on Sydney Metro Website
DPE Compliance: Portal
DPE Post Approvals: Available on Sydney Metro Website



Table of Contents





1.	Central Station	3
2.	SSJ	5
3.	Line Wide (Tallawong to Bankstown)	6
4.	TSOM	11
5.	ISD – Crows Nest	13
6.	ISD – Pitt Street (now known as Gadigal Station)	16
7.	ISD – Waterloo	19
8.	ISD – Victoria Cross	23
9.	ISD – Martin Place	26
10.	Barangaroo Station (BESIX Watpac).....	29
11.	Sydenham to Bankstown Sydney Metro Corridor (SMC) and Bankstown Early Works (BEW) and Additional Corridor (BAC).....	32
12.	Marrickville, Canterbury and Lakemba Station Upgrades (MCL) (HSEJV).....	36
13.	Hurlstone Park, Belmore, and Wiley Park Station Upgrades (HBW) and Dulwich Hill Campsie and Punchbowl Station Upgrades (DCP) (Downer).....	38
14.	Sydney Metro Retained Obligations (SM).....	41
15.	Statement of Limitations	42

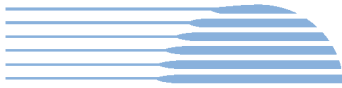


1. Central Station

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			
<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 – Ongoing remedial works for damage from the fire in building behind the site across Randle Lane which occurred on 25 May 2023. Repair of damaged sections of the building on the roof and rear brick façade. Ongoing repairs inside the building. Access from Randle Lane with a section of the lane closed. Scaffolding placed against the building to enable access. ▪ Sydney Yard – Site access and use for laydown. Reduced activities due to minimal ongoing works on the project. Some areas in use by Sydney Trains and their contractors. ▪ Devonshire Street Tunnel - In operation and used by commuters. ▪ ESR Concourse – Works completed. Area of Eastern Entrance closed to the public. ▪ Ghost Platforms (above ESR Platforms 24-25) – Works understood to be completed. 			
Key Construction Activities Look Ahead			
<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. ▪ Ongoing rectification of fire related damage at the Eastern Entrance 			
ER Inspections			
<p>There were no formal ER inspections conducted during the reporting period. An informal inspection was carried out by the ER on 7th October 2023 of the Eastern Entrance from public areas only.</p>			
<p>Actions from previous inspections have generally been addressed.</p>			



Photos	
	
Eastern Entrance: View from Randle Lane with scaffolding installed to conduct repair works	Eastern Entrance: View from Randle Lane with scaffolding installed to conduct repair works
	
Eastern Entrance: View up Randle Lane showing Line wide works and LOR scaffolding in the background.	Eastern Entrance: View of entrance at Chalmers Street
Endorsed Document/s	
<ul style="list-style-type: none"> Nil 	
Non-compliance/ Incidents or Repeat Complaints	
<p>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.</p> <p>One NCR was raised by LOR in the previous reporting period, however was not included in the September ER Report. The NCR related to Condition O4.1 of the EPL and REMM WM1. A bulk bag of spoil from station re-tiling works was placed in a skip and taken to a disposal location in September prior to definitive test results being received for the waste.</p>	
Audits	
There were no audits conducted during the reporting period.	
Summary of Environmental Performance	
The project has been handed over to Sydney Trains or Sydney Metro except for the Eastern Entrance where damage is being rectified after the fire of the adjacent building on 18 May 2023.	
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"> ▪ September / October Possession (23 Sept-6th October 2023): Scope limited to defects work only ▪ Sydenham Station: Remains under Linewide PC; JHLOR minor defect works ongoing. ▪ Way Street Laydown: Handed over to Sydenham to Bankstown Corridor (SMC) project for use during possessions under Condition A17. 			
Key Construction Activities Look Ahead			
<ul style="list-style-type: none"> ▪ SSJ scheduled for completion of Construction post- September / October Possession. 			
ER Inspections			
ER inspections for SSJ now take place as part of the Southwest Metro Corridor (SMC) ER inspections. There were no ER inspections conducted for SSJ in October 2023.			
Photos			
Nil			
Endorsed Document/s			
<ul style="list-style-type: none"> ▪ Nil 			
Non-compliance/ Incidents or Repeat Complaints			
Sydney Metro has been providing summaries of complaints to the Department of Planning and Environment (DPE) daily and a summary to the ER. Responses to each complaint have been noted in each complaint report, with follow-up actions often defined in revised reports. Key or repeat items of note are discussed below for SSJ.			
<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 October 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			
<p>The scope of works conducted during the reporting period was minimal and low risk. Condition completion is a focus dependent on confirmation of no additional variations post-Sept/Oct 2023 Possession.</p> <p>The SSJ Compliance Tracking Report (CTR) Q1/Q2 2023, including condition completion form is complete.</p>			
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):			
<p>Northern Connection</p> <ul style="list-style-type: none"> WE09 (25/26 Aug 2023) possession works for fencing and line marking completed <p>Chatswood Dive Site (CDS)</p> <ul style="list-style-type: none"> Mowbray Road Outage OOH backfilling completed Demolition works nearing completion (Logistic Shed, Spoil Shed, Site workshop and Construction WTP) Topsoil placement for landscaping works progressing Nelson Street stormwater works - Trenching for stormwater connection is progressing within the CDS site Frank Channon Walk diversion works commenced <p>Artarmon Joint Bay (Carlotta St)</p> <ul style="list-style-type: none"> Joint Bay works completed and site has been demobilised <p>Blues Point</p> <ul style="list-style-type: none"> Negotiations ongoing for punchlist rectification works between SC and North Sydney Council (NSC). Start date is to be confirmed. <p>Surry Hills BPS works</p> <ul style="list-style-type: none"> Frog Hollow Reserve - Handed back to City of Sydney Council (CoS) temporarily. Randle Lane Joint Bay – Reopened in October 2023 Belmore St Joint Bay – Reopened in October 2023 <p>SMTF South (Marrickville):</p> <ul style="list-style-type: none"> Operational WTP – Process commissioning completed. Operational discharge to commence late August onwards. Additional tanks required as part of the operational WTP. Administration and Maintenance Buildings – Minor defect works underway Fire Pump Room — 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 <p>Sydenham Station</p> <ul style="list-style-type: none"> Testing and Commissioning ongoing <p>SW Corridor Traction Substation sites:</p> <p>Dulwich Hill TSS</p> <ul style="list-style-type: none"> Landscaping completed Pre-energisation checks and electrical works TSS energisation, testing and commissioning <p>Canterbury TSS</p> <ul style="list-style-type: none"> Landscaping completed Electrical works ongoing 			

**Campsie TSS**

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

- Lakemba TSS

Lakemba TSS

- Landscaping completed
- Fencing and electrical works ongoing

Punchbowl TSS

- Electrical works ongoing

HV Works

- Wk13 works completed

Padmount Transformers

- Pad mounts at 85% completion.
- Service building at 35% completion

Canterbury - Campsie BPS Joint Bay worksites

- No works
- Cable repairs required in future. Return date is to be confirmed.

Pat O'Connor (POC) Reserve, Canterbury

- No works

Key Construction works/activities Look Ahead - November 2023

Look-ahead of upcoming activities /works:

- Artarmon BPS Joint Bay (Carlotta St) – works completed and site demobilised.
- CDS – Demobilisation activities including demolition of WTP remaining (demolition of logistics/spoil sheds, site workshop is completed with spoil disposal continuing offsite).
- Chatswood - Nelson Street cul-de-sac modification work and Frank Channon Walk redevelopment landscaping and hoarding removal on Nelson St (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.
- Surry Hills BPS - Belmore St and Randle Ln Joint Bay worksites reopened (mid-late September), testing works ongoing
- Canterbury - Campsie BPS Joint Bay worksites: Cable repairs required. Return date to be confirmed (potentially in October).
- Q4 2022/Q1 2023 CTR 5931 (SMTF N) review/completion of CoAs/REMMs for SC scope.

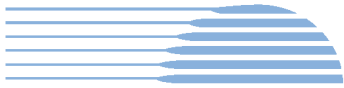
ER Inspections

One ER inspection was conducted by the ER in October - #168 (10/10/2023).

Key new issues/actions raised are summarised below:

Northern Sites and SMTF South - ER Inspection #168 – 10/10/2023 [Tuesday; Total rainfall recorded – 0.00 mm (10/10/2023) and rainfall previous days to inspection 15.6mm (14/08), 3.0mm (15/08) and 12.6mm (16/08)]:

- CDS site egress (Mowbray Rd) – Discussed sweeping required of some material near site egress.
- CDS – Minor tagging observed on signage to be addressed in accordance with the Project VAMP.
- SMTF S - Hoarding removal in progress on Edinburgh Rd. SC to review/install ERSED controls in sections with ERSED risk.
- SMTF S Southern Dive (Railway Pde end) - Minor housekeeping required around driveway and on Railway Pde.



Photos



CDS: Trenching (hammering) works for stormwater connection underway. Observed operator wetting down work area during hammering (good practice)



CDS: Detention basin works in progress.



CDS: Installation of pipework and connections in progress for hydrant water tank.



Northern Dive Building: Façade installation progressing.



SMTF S: Hoarding removal in progress on Edinburgh Rd.



SMTF S: Stabling Yard: Dynamic Train Testing continuing



Endorsed Document/s
<p>August</p> <ul style="list-style-type: none"> ▪ OOHW-215 Campsie BPS Joint Bay Dewatering Rev13 - SMCSWLWC-SYC-CTC-EM-PMT-012198 ▪ LWW CTR Q4 2022 (for 7400 and 8256) Rev C ▪ LWW Q4 2022 including SMTF N 5931 CTR Q4 2022 - Q1 2023 ▪ SCLWW Construction Noise and Vibration Management Plan - C2B – Rev 5.02 ▪ SCLWW Construction Environment Management Plan - C2B – Rev 5.01 ▪ SCLWW Air Quality Management Sub-Plan - C2B – Rev 5.01 ▪ SCLWW Waste, Recycling and Spoil Management Plan - C2B – Rev 5.01 ▪ SCLWW Heritage Management Sub-Plan - C2B – Rev 5.01 ▪ SCLWW Visual Amenity Management Sub-Plan - C2B – Rev 5.01 ▪ SCLWW Flora, Fauna and Biodiversity Construction Environmental Management Sub-Plan - C2B – Rev 5.01
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>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. <p>One non-compliance was reported to the ER during the reporting period.</p> <p>NCR-020 - Residents were not notified about the energisation of the Dulwich Hill TSS. Transformer noise at previously energised substations (Southern Dive and Artarmon TSS) has been inaudible at residential receiver locations. Corrective actions raised by SC included:</p> <ul style="list-style-type: none"> - Approved Out of Hours Permit in place (OOHW-318 Dulwich Hill Transformer Operation) - SC is currently investigating permanent noise mitigation measures with the transformer manufacturer and the noise consultant. Further noise monitoring will be undertaken to ensure noise levels meet operational standards following the installation works. This information has been communicated to the impacted residents. - Lessons learned from this incident with actions implemented during the energisation of Canterbury TSS. This included notification to residents and noise monitoring undertaken the following day of energising the TSS <p>One complaint was received during the period on 13/10/2023 - CDS (LWW) - Noise & Vibration (Standard Hours/OOHW) - Resident complained about very noisy works at Chatswood Dive Site.</p>
Audits
<ul style="list-style-type: none"> ▪ No ER involvement in audit activity including Independent Environmental Audits

**ER Closing Comments and Looking Forward****Key Points:**

- 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 (as applicable) made by the ER.
- The frequency of ER inspections will be reduced commensurate with risk as the works are drawn to completion over the next few months.

Looking forward:

- CDS – Demobilisation activities including demolition of spoil shed, site shed and WTP ongoing.
- Chatswood - Nelson Street cul-de-sac modification work and Frank Channon Walk redevelopment landscaping and hoarding removal on Nelson Street (during Standard Construction Hours).
- SMTF S (Railway Parade, Marrickville) – Ausgrid services relocation pending Ausgrid confirmation.
- Surry Hills BPS - Belmore St and Randle Ln Joint Bay worksites have been reopened (early October)
- Canterbury - Campsie BPS Joint Bay worksites: Cable repairs required. Return date TBC (potentially in October).

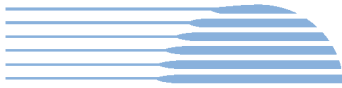


4. TSOM

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 (October 2023)			
<ul style="list-style-type: none"> ▪ Tunnels <ul style="list-style-type: none"> ○ Finishing works and testing and commissioning ○ Train testing and commissioning (T and C) activities ▪ Stations <ul style="list-style-type: none"> ○ Platform Screen Doors (PSD) testing and commissioning at all stations ○ Ongoing equipment installation and T and C works in equipment and station rooms. <p><u>Sydenham Station</u></p> <ul style="list-style-type: none"> ○ Installation of cables and equipment in the services buildings and at the station ○ T and C activities of electrical services, including power, communication and signalling equipment and systems; and PSD ○ Dynamic train testing ○ Minor finishing works (26/27 Aug 2023) at Sydenham Station and in the rail corridor ▪ SMTF-North <ul style="list-style-type: none"> ○ Dynamic train testing – SMTF N to Chatswood ▪ SMTF-South <ul style="list-style-type: none"> ○ 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 <ul style="list-style-type: none"> ○ Minor installation works and T and C ▪ Northern Corridor Connection <ul style="list-style-type: none"> ○ 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 – November 2023			
<ul style="list-style-type: none"> ▪ Tunnels <ul style="list-style-type: none"> ○ Finishing works and testing and commissioning ○ Train testing and commissioning activities ▪ Stations <ul style="list-style-type: none"> ○ PSD testing and commissioning at all stations ○ Ongoing equipment installation and T and C works in equipment and station rooms ▪ SMTF-North <ul style="list-style-type: none"> ○ Dynamic train testing – SMTF N to Chatswood - Test train operating between SMTF-N and Chatswood to test the newly installed equipment ▪ SMTF-South <ul style="list-style-type: none"> ○ 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 			



<ul style="list-style-type: none">▪ Southwest corridor<ul style="list-style-type: none">○ Cable installation in corridor between Sydenham and Bankstown○ Temporary removal of trackside equipment○ Possession (25-29 September) 24/7 works:<ul style="list-style-type: none">- Cable installation in corridor between Sydenham and Bankstown- Temporary removal of trackside equipment▪ Southwest Stations<ul style="list-style-type: none">□ Cable works and installation of equipment along the corridor□ Two possessions (Day shift only):<ul style="list-style-type: none">○ 23/24 September: Installation of equipment and cables and trackside equipment○ 30 September: Installation of equipment and cables and trackside equipment
ER Inspections
<ul style="list-style-type: none">▪ No ER inspections conducted in August.
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
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 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.
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"> ▪ Steel fixing and scaffolding (Sites B and C) ongoing ▪ OSD – Site C Scaffolding and concrete pours above level 8 ▪ Minor concrete pumping and pouring on Pacific Highway/Clarke Lane – Site B ongoing ▪ Services, finishes and fit out of B5 platform, B4 OTE, B3, B2 plant room ongoing ▪ Line Wide Fit-out works on B6 ongoing ▪ Public domain for utilities on Clarke St and Clarke Ln South ongoing ▪ Demolition of the capping beam for Site B (adjacent Pac Hwy) ongoing ▪ Blockwork at all sites ongoing ▪ Precast panel installation Site A ▪ Pacific Highway works on hold for the month 			
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 B ▪ Precast panels on Oxley Street and Site A – ongoing ▪ Blockwork continuing Site A and B ▪ Concrete pour at Site C ▪ Pacific Highway intersection Out of hours works (OOHW) ▪ Sydney Water pipe connection OOHW 			
ER Inspections			
<p>There was one ER inspection conducted on 25 October 2023. The following observations were noted:</p> <ul style="list-style-type: none"> ▪ Footpath access was maintained for pedestrians ▪ ESC maintenance was required across the site, noting that coir logs were deteriorated, several gravel bags had split, and controls were to be installed in one active work area. ▪ 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. ▪ Implementing noise mitigation measures prior to public domain works was discussed, noting that measures were good for immediately adjacent commercial properties but not in place for other sensitive receptors. ▪ Pacific (PAC) Highway works were on hold. 			



Photos	
<p>Clarke Lane North MAF - -noting stockpiled material not approved for storage in this area had spilled outside of the ATF. ESC measures were discussed and the material removed.</p>	<p>Clark Lane North</p>
<p>Oxley Street – noting the coir log required replacing.</p>	<p>Clark Street - works are on hold due to an asbestos find. Noted that ESC was not installed on the stormwater drain.</p>
<p>Clark Street Public Domain works – noting noise mitigation was not in place between the work site and childcare facility.</p>	<p>Clark Street Public Domain works – noise mitigation and directional signage in place (good practice)</p>



<p>Clark Street Public Domain works – noting that pavement works are to commence.</p>	<p>Clark Street Public Domain works – Traffic control and footpath closed signs. Traffic control in place for pedestrian crossing.</p>
<p>Endorsed Document/s</p>	
<ul style="list-style-type: none"> ▪ OOHWA -35 Sydney Water Main works 	
<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 the Crows Nest ISD package below.</p>	
<p>The ER is aware of one non-compliance raised during the month and 10 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>The NCR22 was raised for the blockwork contractor working outside of the approved OOHWA.</p>	
<p>Complaints are summarised as follows:</p>	
<ul style="list-style-type: none"> ▪ One related to worker behaviour ▪ Two related to property access related to traffic control set up ▪ One related to unapproved OOHW and worker behaviour (raised as NCR22) ▪ One related to OOHW – forklift use (under investigation) ▪ One related to alternative accommodation for OOHW ▪ One related to air quality ▪ One related to noise during standard hours (capping beam removal) ▪ Two related to property damage (manhole and motorbike tyres) not related to AWE work. 	
<p>Audits (specific to packages reported in this report)</p>	
<p>No ER involvement was requested 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 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 that the management of worker behaviour and approved works required improvement. ▪ AWE supervision of the implementation and management of environmental controls required improvement. ▪ Inspections are approximately every three weeks and/or when high-risk work is undertaken. 	

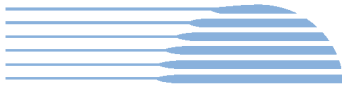


6. ISD – Pitt Street (now known as Gadigal Station)

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</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 (ETS) ▪ Capping beam demolition ▪ 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 commenced ▪ Service Installation ongoing <p>Pitt Street North</p> <ul style="list-style-type: none"> ▪ Installation of tiled art work within North Entrance ▪ Tile art within the entrance complete ▪ Blockwork construction progressing well and a focus on level 02-03 ▪ 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 – October – November 2023 ▪ Watermain diversion – October to November 2023 ▪ Smart pole installation – November 2023 ▪ Sewer – November to December 2023 ▪ Watermain – December 2023 ▪ Firemain – January -2023 ▪ Stormwater – October to December 2023 ▪ Smart Pole Installation - November 2023 ▪ Gas Diversion - October 2023 			
Key Construction/Activities Look Ahead			
<p>Daytime ROLs are being investigated during January 2024, given lower traffic volumes. Target dates for station completion is early 2024. No internal works between November 2023 – January 2024. External works completion date is March 2024.</p>			



ER Inspections	
<p>There was one ER inspection on 11 October 2023.</p> <p>Issues of note during the inspection include:</p> <ul style="list-style-type: none"> <input type="checkbox"/> PSS – worker behaviour – dropping asphalt onto road plates <input type="checkbox"/> PSN – use of tonal movement alarm <input type="checkbox"/> Positive use of noise tents noted to reduce noise levels, in particular reverberated noise. <p>In general, the sites maintained excellent site housekeeping and pedestrian access maintained around the work sites.</p>	
Photos	
<p>Pitt St South (PSS): glazing work and façade installation (view from Pitt Street)</p>	<p>PSS: Partial use of noise tent for noise mitigation from water lances</p>
<p>PSS: Vacuum truck with noise blankets</p>	<p>Pitt St North (PSN): glazing work and façade installation (view from Park Street)</p>
<p>PSN: view within noise tent</p>	<p>PSN: noise tent with ventilation for demo saw work on Pitt Street.</p>



<p>PSN: Noise tent used for demo saw with doors closed</p>	<p>PSN: Noise tent roof removed for use with hammer</p>
<p>Endorsed Document/s</p>	
<ul style="list-style-type: none"> PSISD - OOH_0058 – 24 hours works October to December 2023 (Updated) 	
<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 for any of the ISDs reported to the ER under conditions A41 to A44 of SSI 7400. Where the ER is aware of minor events and non-compliances, these are as documented below.</p>	
<p>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 OOHW – 5/10, 25/10 and two complaints on the 30/10. The complaints were mostly related to impact of OOHW to a nearby hotel.</p>	
<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"> 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. 	
<p>ER Closing Comments:</p>	
<ul style="list-style-type: none"> The Project continues to perform well, with OOHW mitigation measures (e.g. noise tent) being implemented for concrete sawing work. CPB are showing initiative by requesting earlier ROL's and investigating daytime ROLS where possible. 	

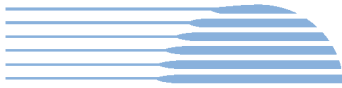


7. ISD – Waterloo

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 (Botany Rd) ▪ Botany Road lighting – Poles at north end to be installed under separate outage (OOHWA #60 proposed in November) and OOHWA #47 to complete footing works for NC1, NC2 ongoing ▪ Cranage works from Cope Street and internal site ongoing ▪ General deliveries ongoing ▪ Public Art wall install ▪ Minor FRP continuing – North end of plaza ongoing ▪ Block work install and fill occurring (above ground) ongoing ▪ 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 ongoing ▪ Civil investigation works on Raglan St/ 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 (including finalising relocation of water hydrant on Botany Rd and diversion of existing water main (Standard Hours/OOHW)) 		
ER Inspections		
<p>ER inspections are on a monthly cycle weather permitting. One ER inspection was conducted by the ER on 05 October 2023 (Thursday; rain since 9am – 8.2 mm for 05/10/23 and rainfall previous days to inspection - 0.0 mm (02/10 to 04/10). The following new actions raised are summarised below:</p> <ul style="list-style-type: none"> ▪ Cope St Site Compound - Chemical container observed in area without secondary containment, to be stored appropriately. ▪ Northern Building (Raglan St end) - Gaps in noise blankets along ATF to be addressed and minor damaged sediment bag around drain to be replaced. 		



Photos	
	
<p>Retaining wall along south eastern end of Cope St/Raglan St: Construction of dwarf retaining wall along Raglan St section is now complete.</p>	<p>Cope St Site Compound: New stormwater drainage works in progress.</p>
	
<p>Southern Building (View from Wellington/Cope St): Façade and awning installation ongoing.</p>	<p>Northern Building (View from Raglan St): Façade installation; fit out and service installation works continuing.</p>



<p>Cope St Plaza: Waterproofing works noted</p>	<p>WL ISD Raglan Walkway: FRP works in progress for Raglan Walkway</p>
<p>Northern Building: Ceiling fit out in progress</p>	<p>Raglan St Exit from Concourse Level: Public art wall installation progressing</p>
<p>Endorsed Documents</p>	
<p>October</p> <ul style="list-style-type: none"> ▪ OOHWA #57 November - December 2023, January 2024 OOH Work (General) Rev 02 ▪ OOHWA #58 - November - December 2023, January 2024 OOH Work (Utilities) Rev 02 	
<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 reported to the ER during this reporting period.</p> <p>One minor incident (Class 3) reported to ER during this reporting period is summarised below:</p> <ul style="list-style-type: none"> ▪ 19/10/23 – WL ISD - Minor fuel leak (approximately 500ml) from concrete pump during concrete pour for civil works on Cope St (hardstand). Spill contained and spill kit material used to clean up immediately. <p>Complaints during the reporting period are summarised below:</p> <ul style="list-style-type: none"> ▪ Nil 	



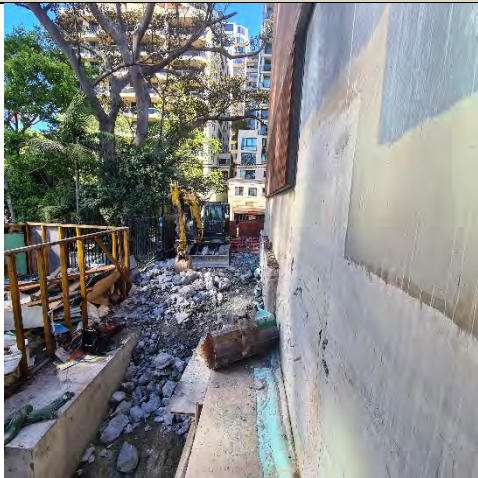
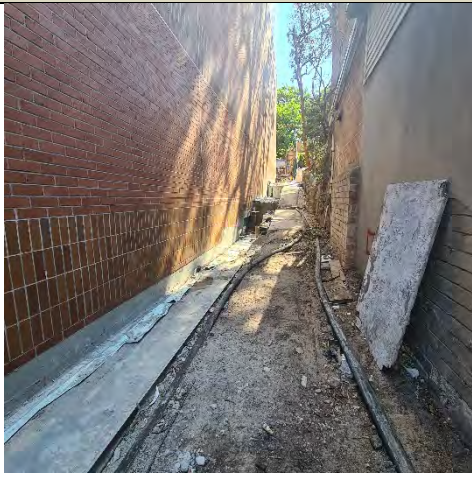
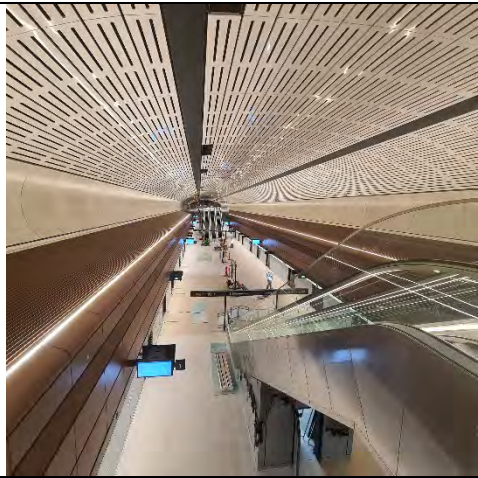



Audits (specific to packages reported in this report)
No ER involvement in audit activity including Independent Environmental Audits.
Looking Forward – Core Focus Areas and ER Closing Comments
Core Focus Areas <ul style="list-style-type: none">▪ Continue to review/monitor OOHWs planned, approved and promote the inclusion of noise mitigation wherever practicable.▪ Continue to review/monitor complaint numbers, Contractor’s response and issues. ER Closing Comments <ul style="list-style-type: none">▪ Feedback and comments continue to be provided in document reviews/discussions with the contractor, particularly on OOHWAs for improvement. On balance, the Project has performed generally well throughout the period, with no complaints recorded in October 2023.▪ There was a Local community day event completed on 29 October 2023 for a first look at WL ISD, with access to the concourse and platform.



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 26/10/2023:</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 ▪ Site sheds have been removed <p>Station Cavern:</p> <ul style="list-style-type: none"> ▪ Station fit out and finishes <p>VC South (VCS):</p> <ul style="list-style-type: none"> ▪ Denison Street - loading zone (during standard hours) ▪ Hoist on Miller Street has been removed ▪ 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 <p>Note only:</p> <ul style="list-style-type: none"> ▪ OSD concrete works at Level 13 ▪ OSD jumpform at Level 22 			
Key Construction/Activities Look Ahead			
<p>Standard Construction Hours:</p> <ul style="list-style-type: none"> ▪ Water Treatment Plant decommissioning proposed in November (dependent on LWW connection) ▪ Detention tank works scheduled to commence in November (Miller Street) <p>OOHWs extended to Oct - Dec 2023 with reduced scope of fit out and services only:</p> <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 in October on 11 October 2023 with summary of new issues raised below:</p> <p><u>ER Inspection #38 – 11/10/2023</u> [Wednesday; 0.00 mm rain since 9am and rainfall previous days to inspection - 0.0mm (08-10/10)]:</p> <ul style="list-style-type: none"> ▪ VCN – North (McLaren St) - Tidy up of area where excavator has been tracked in for eastern capping beam demolition works and replacement of tree protection that has been damaged near base of tree. ▪ VCS – Denison St - Discussed monitoring and maintaining Denison St (minor road surface material observed) with regular sweeping until permanent surface restoration works occur. ▪ VCS – Corner of Miller St/Berry St- Minor tags observed to be removed in accordance with project VAMP. 			



Photos	
	
<p>VCN – North (McLaren St): LL reports demolition of eastern capping beam has commenced.</p>	<p>VCN (adjacent to 243 Miller St): Brick facade completed on Northern Building (adjacent to 243 Miller St).</p>
	
<p>Station Cavern: Station fit out, finishing works and PA testing underway.</p>	
	
<p>Public Northern Access Adit – Wayfinding signage installed and finishing works.</p>	<p>VCS - Denison St: Loading zone area.</p>



<p>VCS – Miller St: Façade installation ongoing.</p>	<p>VCS – Miller St: Vertical wall FRP works and structural works ongoing in south-western corner.</p>
<p>Endorsed Document/s</p>	
<p>October</p>	
<ul style="list-style-type: none"> ▪ Q1-Q2 2023 CTR ▪ OOHWA 17 - Victoria Cross South (Oct -Dec 2023) (Rev 18) ▪ OOHWA 15 - Victoria Cross North (evening OOH, Oct -Dec 2023) (Rev 23a) ▪ OOHWA 20 - Victoria Cross North (weekend OOH, Oct -Dec 2023) (Rev 15a) ▪ EHS Plan Rev 14 	
<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. ▪ Nil non-compliances (NCs) raised and reported to the ER during this reporting period. 	
<p>Project related complaints are summarised below:</p>	
<p>October</p>	
<ul style="list-style-type: none"> ▪ #5128 – 24/10/2023 – VC ISD – Traffic, transport and parking - Complaint received via North Sydney Council (NSC) re crane parked in Works Zone on Berry St, outside hours. LL further investigated the complaint and confirmed that the crane was covered under a work zone permit from NSC. LL applied for an additional stand plant permit from Council to cover the additional week that it was required for. LL is investigating further to confirm if potentially an NC. 	
<p>No complaints received for activities unrelated to LL/SM.</p>	
<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
<p>Core Focus Areas</p> <ul style="list-style-type: none"> ▪ Detention tank works (Miller St) scheduled to commence in November <p>OOHWs extended to Oct - Dec 2023 with reduced scope of fit out and services only:</p> <ul style="list-style-type: none"> ▪ 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.
<p>ER Closing Notes/Comments:</p> <ul style="list-style-type: none"> ▪ One project related complaint received during the reporting period, as summarised above. <p>ER notes the following during this reporting period:</p> <ul style="list-style-type: none"> ▪ Current works are generally contained within the VCN and VCS sites, posing lower environmental risks. ▪ 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"> ▪ Completion of the main FRP works for the building structure ▪ Installation of building façade ▪ 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 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 – separated from Lend Lease activities including ongoing testing of trains ▪ Installation of ticketing gates ▪ Works to access the Martin Place station on the ESR ongoing and near complete ▪ Station 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. 			



ER Inspections

One ER inspection was conducted during the reporting on 13 October 2023. No new issues were raised. One ongoing issue relates to the use of tonal alarms on plant being operated on the ground floor level of Martin Place South. Site activities continue to be repetitive in nature and are building related works rather than civil works. Many of the SSI areas are near complete such as the station platforms.

Photos



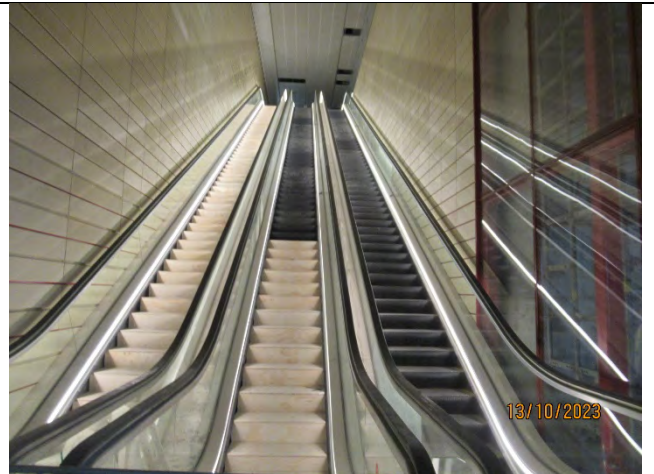
Martin Place North: View from the top of Martin Place South



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



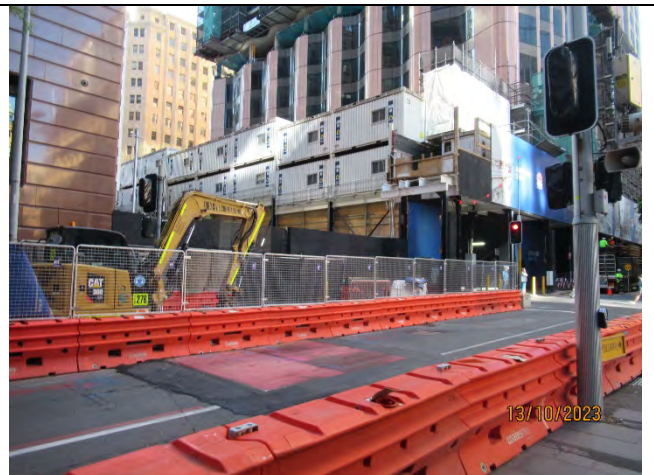
Martin Place North: Foyer area.



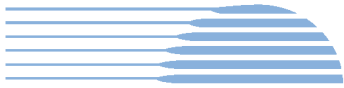
Martin Place: Escalators connecting to the Martin Place railway station.



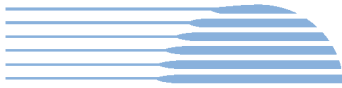
Caverns: Ongoing fit out.



Martin Place: Barriers set up on Castlereagh Street.



Endorsed Document/s
▪ Nil
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)	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"> Water Treatment Plant (WTP) operation Construction of station escalator and elevator canopies ongoing; Glazing complete Public domain works and landscaping ongoing. <p>Zone 2 (former Shark's Fin):</p> <ul style="list-style-type: none"> Weir construction and stormwater pipe installation to the Gross Pollutant Trap (GPT) underway; Street D works ongoing. <p>Zone 4 (Hickson Road wall):</p> <ul style="list-style-type: none"> Service installation complete First stage of Hickson Road traffic switch in place Installation of final design features to ventilation pod structures ongoing. <p>Zone 5 (The Cutaway):</p> <ul style="list-style-type: none"> Landscaping and sandstone block replacement ongoing Nawi Cove pedestrian scaffold bridge dismantled and reinstatement of footpaths (including out of hours portion OOHWO24). <p>Zone 6 (Hickson Road, under bridge):</p> <ul style="list-style-type: none"> Consistency assessment review for ongoing use of the WTP after construction completion <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"> Hickson Road traffic switch and realignment – 56-hour road closure Completion of condensed water main installation, connection and testing; plume dispersion monitoring during commissioning Landscaping and sandstone block replacement in Zone 5 Minor Works Approval for testing of the condensed water system 			
ER Inspections			
<p>There was one inspection conducted by the ER in October 2023 (19/10/23). Issues raised and discussed were as follows:</p> <ul style="list-style-type: none"> Ongoing investigation into water quality exceedances in ANZECC trigger levels for cyanide and PAH from WTP discharge. Risks associated with ongoing use of the WTP during operation under the southern entrance is complete under another development application. Waste tracking records for liquid waste / sludge generated from the former temporary WTP (TWTP). 			



HBI

Healthy Buildings International Pty Ltd

Photos



Pedestrian scaffold bridge removed from over Nawi Cove steps



WTP operation



Landscaping works ongoing



New Hickson Road alignment



Endorsed Document/s

- Environmental Review - Nawi Cove hoarding realignment, 23/10/2023
- BR-OOHWA-025 - Enabling Works Rev01, 26/10/2023

**Non-compliance/ Incidents or Repeat Complaints**

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

There was one Class 3 environmental incident reported to the ER for Barangaroo Station for the period:

- **19/10/2023:** Exceedances of the cyanide discharge criteria were reported in the May, July and Q2 2023 Water Quality Monitoring Reports. Elevated cyanide concentrations were also detected during water quality testing conducted during decommissioning of the Temporary WTP and commissioning of the WTP in its new location. An investigation was undertaken to determine whether the exceedances had the potential to cause material harm to the environment, and to confirm the incident classification and to inform an exceedance report as required by the water quality monitoring program. The investigation concluded that increased levels of cyanide detected in the WTP discharge were most likely due to changes to potassium permanganate dosing in the WTP. WSP prepared a memo which concluded that as no exceedances of the cyanide criteria were reported to be present within Nawi Cove or Sydney Harbour, the elevated cyanide concentrations did not present environmental harm to the receiving waters.

There was one non-compliance (NC) reported to the ER for Barangaroo Station for the period:

- **19/10/2023:** Whilst collating the data required for the October 2022 – March 2023 Noise and Vibration Monitoring Report it was observed that the real time vibration monitor mounted inside 25 Hickson Road had ceased to transmit data to the sigicom infranet for up to a 5-month period. The vibration monitor was also overdue for a yearly service. Verification of compliance with CoA C11 was unable to be verified for vibration levels received at 25 Hickson Road, a heritage structure located adjacent to road works ongoing throughout the reporting period.

The ER is not aware of any complaints received in October 2023 related to BESIX Watpac works.

Audits

No ER involvement in audit activity including Independent Environmental Audits.

Summary of Environmental Performance

The following key points were discussed during the period:





- The close-out of actions remaining open.
- The completion of the BR CTR 2023 Q1 Q2 and Construction Monitoring Reporting.
- Verification of compliance with CoA E67 and implications of the station box remaining un-tanked post construction completion.
- Consistency Assessment and potential impacts associated with the future temporary operational use of the WTP.



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

Project Approval	Contract Package	EPL	Environmental Representative/s
SSI 8256 (S2B)	Southwest Metro Corridor (SMC)	#21147	Jo Heltborg
Key Construction Activities - During the Period			
<ul style="list-style-type: none"> ▪ Weekend 17 (WE17) Possession (21/10 – 22/10): Security fence installation, Track skim reconditioning works, Tamping, regulating and track adjustment, GST and GLT, Segregation fence installation in cess, Station brackets, Bridge throw screens (Duke & Church St), Bankstown platform activities (bulk earthworks, service searching, remove/replace OHW gantry and underline crossing (ULX)) ▪ 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 and Lakemba. Some sections within Archaeological Management Zone (AMZ) and adjacent to Threatened Ecological Communities (TECs) ▪ Operation of site office caravans at MSB sites at Belmore (Minor Ancillary Facility (MAF), Wiley Park MAF and Punchbowl, Lakemba & Marrickville (Pre-approved EIS compounds). ▪ Upcoming WE20 Possession (11 & 12 Nov): security fence installation, track skim recon works, tamping, 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, overhead wiring portal installation. ▪ 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) package). 			
Key Construction Activities Look Ahead			
Weekend 20 (WE20) Possession (11/11-12/11): Only SM tracks isolated (ARTC live); security fence installation, track skim reconditioning works, tamping, regulating and track adjustment, GST and GLT, segregation fence installation in cess, station brackets, bridge throw screens (Duke & Church St), Bankstown platform activities (piling, cable installation and trackside equipment, overhead wiring portal installation.			
ER Inspections			
<p>There was one ER inspection conducted in October 2023, 31/10/2023.</p> <p>Positive observations included:</p> <ul style="list-style-type: none"> ▪ Tree impact and assessment process conducted prior to pruning and removal for security fence installation in Belmore. ▪ Efficient complaints reporting and response process noted during spike in complaints received during the WE17 possession, which included high noise impact works (tamping) which were delayed due to a heatwave. 			



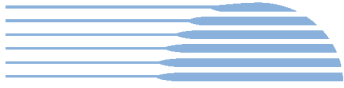
Photos	
	
Belmore - security fence installation	
	
Moreton Street, Belmore - tree protection and signage in place for security fence installation	
Endorsed Document/s	
<ul style="list-style-type: none"> SMCSWSSJ-JHL-WEC-EM-PLN-000011 - CEMP Rev19, dated 23/10/2023, 25/10/2023 	
Non-compliance/ Incidents or Repeat Complaints	
<p>Sydney Metro has been providing summaries of complaints to the Department of Planning and Environment (DPE) daily and a summary to the ER. Responses to each complaint have been noted in each complaint report, with follow-up actions often defined in revised reports. Key or repeat items of note are discussed below for SMC.</p>	
<p>There was one non-compliance reported to the ER during the period:</p> <ul style="list-style-type: none"> SMC NCR Unapproved Tamper OOHW Campsie 3 Oct 2023: A Non-Compliance with Condition E22 was raised for Out of Hours Work under an EPL without approval. At Campsie, re-railing OOHW was scheduled on 30/9/2023 nightshift. The associated tamping occurred ahead of schedule on the nightshift of 29/9/2023. Subsequently, a resident lodged a complaint on 3/10/2023. JHLOR Community and Environment team investigated after the complaint was received. The works were undertaken ahead of schedule and had not been approved in the OOHW application. The team have been reminded that night work in the area is not permitted unless an assessment and notification has not been issued. An action was subsequently raised to the Track team to sign off on the requirements of the OOHW so that any changes in program are delivered in compliance with the OOHW approval. <p>There were no incidents reported to the ER under Condition A36 of SSI 8256.</p> <p>There was one Class 3 environmental incident reported to the ER during the period:</p> <ul style="list-style-type: none"> Oil Spill near Myrtle Street Marrickville_21 Oct 2023 (WE17): Hydraulic pipe burst on excavator attachment, spilling ~5-10L of hydraulic oil. Impacted ballast excavated to 50mm below surface and taken to Belmore Triangle for stockpiling and waste classification (SP80 +- 1m³). Actions closed. <p>The ER is aware of 15 complaints received in October 2023 related to the SMC works:</p> <ul style="list-style-type: none"> Complaint ID 5071 & 5072 (Received 29/9/2023, Reported 4/10/2023): Two general complaints were received about noise (standard and OOH). The complaints were investigated and closed-out. 	



- **Complaint ID 5073 (Received 30/9/2023, Reported 3/10/2023):** Resident complaining of noise outside property at Canterbury. Noise modelling and OOHW plan confirmed that works were being conducted within standard hours of construction and in line with the construction noise and vibration management plan and EPL. The resident had been offered RO and AA for OOH works on 24/9 and 30/9.
- **Complaint ID 5075 (Received 2/10/2023, Reported 3/10/2023):** Complaint regarding noise from unscheduled OOH track work between Hurlstone Park and Canterbury stations. JHLORJV CRM phoned the resident to apologise and explained that due to the extreme heat yesterday there had been a change in work schedule which needed to be caught up so that trains could operate again by first service on Friday. Works were meant to be completed near the resident's house during standard hours but because of the heat experienced yesterday and forecast again for Tuesday the schedule was modified to ensure the safe hand back of track and the operation of the line by first service Friday. JHLORJV CRM also agreed to keep residents updated as to both the next few days of night works and as to if they would pass the resident's address during OOH and also if they would be impacted by the WE17 possession.
- **Complaint ID 5076 (Received 2/10/2023, Reported 3/10/2023):** Resident complained of oversized machinery being parked on the street at Redman Parade Belmore, making a beeping noise when reversed. JHLOR CRM spoke to resident and apologised for the noise and advised the resident that the loading and unloading of plant OOH would be spoken about in the next prestart meeting, reminding operators to be mindful when unloading in residential areas. Resident was happy with this outcome.
- **Complaint ID 5079 & 5080 (Received 3/10/2023, Reported 4/10/2023):** Residents complained of OOH noise in Canterbury and Campsie. The noise was due to a delay in works (tamping) due to extreme heat on Sunday 1 October and today, and that Sydney Metro's planned track maintenance work program has changed.
- **Complaint ID 5083 (Received 3/10/2023, Reported 17/10/2023):** Noise Complaint re out of hours work at Canterbury on 22,23 and 29 September. JHLORJV CRM advised resident that after investigating they could confirm that the noise experienced on 22,23 Sep was not related to works being conducted by JHLORJV. Noise impacts on 29 September were attributed to JHLORJV work, which was ahead of schedule, and not notified. A non-compliance with CoA E22 was raised as a result.
- **Complaint ID 5117 (Received 21/10/2023, Reported 23/10/2023):** Resident who lives adjacent to rail line at Dulwich Hill complained of noise impacts and asked about respite offer. JHLORJV CRM reviewed noise model and trigger list for properties and found resident had been advised of works and offered AA/RO for Saturday night and Sunday. Retrospectively offered the resident respite for Saturday night and Sunday.
- **Complaint ID 5121, 5122, 5123 & 5124 (Received 22/10/2023, Reported 23/10/2023):** Four OOH noise complaints were received from residents located in Hurlstone Park, near Railway Parade. JHLORJV CRM and Enviro advisor reviewed modelling and continuous attended monitoring which showed resident was not eligible for respite. As a one off, an offer of respite as a gesture of goodwill for the inconvenience caused was made.
- **Complaint ID 5127 (Received 22/10/2023, Reported 24/10/2023):** Resident of Railway St Hurlstone Park complained of disruption from OOH noise at night as part of a planned weekend possession. JHLORJV CRM reviewed noise model and trigger list and found resident had been advised of works and offered AA/RO for Saturday night and Sunday. Offer letter deliver to mailbox on 18 October by JHLORJV CRM. Retrospectively issued respite to the resident for Saturday night and Sunday.
- **Complaint ID 5137 (Received 26/10/2023, Reported 27/10/2023):** Resident of Railway St Hurlstone Park complained of disruption from OOH noise at night as part of a planned weekend possession and lack of communication for OOH work. Noise modelling and attended monitoring confirmed the resident was not eligible for respite and that monthly notification was letterboxed and emailed to the complainant. As a one off, an offer of respite as a gesture of goodwill for the inconvenience caused was made.

Audits

No ER involvement in audit activity including Independent Environmental Audits.

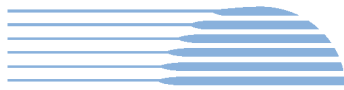
**Summary of Environmental Performance**

Environmental risks on site increased within the reporting period, mainly due to high impact out of hours works conducted during possessions. During the WE17 possession, high noise impact tamping was delayed due to extreme heat on the tracks. OOH work was also conducted in the vicinity of sensitive receivers at Hurlstone Park and Dulwich Hill, which contributed to a spike in the number of complaints received relating to OOH noise.

No noise exceedances are known to have been identified during OOH works, though one NC was raised due to tamping occurring ahead of schedule and therefore not notified (refer above).

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.
- 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			
<ul style="list-style-type: none"> ▪ Shutdown 6 (23 September – 6 October) completed, Possession WE17 Completed (21-23 October) <p>Marrickville:</p> <ul style="list-style-type: none"> ▪ Testing and commissioning at station - Ongoing ▪ SUP (Shared User Path) – On hold ▪ Pit lid replacement and cable pulling works – Upcoming WE20 <p>Canterbury:</p> <ul style="list-style-type: none"> ▪ Testing and commissioning – Ongoing ▪ Minor rectification works – Ongoing ▪ Pit lid replacement and cable pulling works – Upcoming WE20 <p>Lakemba:</p> <ul style="list-style-type: none"> ▪ MSB and platform electrical and equipment install works – Ongoing ▪ Minor rectification works – Ongoing ▪ Testing and commissioning – Ongoing ▪ Pit lid replacement and cable pulling works – Upcoming WE20 			
Key Construction Activities Look Ahead			
<p><u>All sites</u></p> <ul style="list-style-type: none"> ▪ OOHWA WE20 (11-13 November 2023) ▪ PC handover to holding contractor as the sites are completed ▪ Defect repairs 			
ER Inspections			
No ER inspection was conducted for MCL during October 2023 due to minor work and very low risks. Focus has been on construction completion, with the final ER inspection of sites during November.			
Photos			
No photos were taken during October.			
Endorsed Document/s			
<ul style="list-style-type: none"> ▪ OOHWA - Padmount Generators ▪ OOHWA-060 low impact works 			
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 with landscaping works. Site inspection frequency is now risk-based, with a focus on possession work (if required).

Looking forward:



- Continued implementation checks for CEMP and sub plans, focusing on out-of-hours scheduling
- Principal Contractor handover to holding contractors
- Construction completion

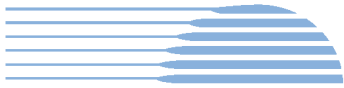


13. Hurlstone Park, Belmore, and Wiley Park Station Upgrades (HBW) and Dulwich Hill Campsie and Punchbowl Station Upgrades (DCP) (Downer)

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			
<ul style="list-style-type: none"> ▪ Possession Shutdown 6 completed (23 September – 6 October), Possession WE17 Completed (21-23 October) <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 ongoing ▪ Rectification works ongoing ▪ MSB –fit-out works continued ▪ MSB ramp 95% completed, Permanent gates to be installed ▪ MSB landscaping works are 95% completed ▪ MSB planter box installation ongoing ▪ MSB - Stabilise low flow drain – Shotcrete completed on batter; remainder to be landscaped <p><u>Belmore</u></p> <ul style="list-style-type: none"> ▪ Help point completed <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 – Footpath pavers installation commenced ▪ MSB fit-out works - Services Containment, Partitions and Linings, mechanical unit install - electrical works ongoing ▪ MSB Chiller pad preparation work ongoing ▪ Concrete pour for stairs from commuter car park to plaza completed. ▪ Footbridge opened to the public, roller shutter to be installed. ▪ Electrical works on the platform – ongoing ▪ Lift commissioning works ongoing ▪ 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 ▪ Installation of new station operational services frames ▪ Station room aircon, bike room and shop 3 completed. Internal shop fit-out ongoing ▪ defect rectification at the MSB, platform and concourse areas ongoing <p><u>Punchbowl:</u></p> <ul style="list-style-type: none"> ▪ Rectification works ▪ Elevators open to the public. 			



Key Construction Activities Look Ahead	
<p><u>All Stations</u></p> <ul style="list-style-type: none"> OOHWA WE20 (11-13 November 2023) Principal Contactor (PC) handover to holding contractor as the sites are completed Defect repairs <p><u>Dulwich Hill</u></p> <ul style="list-style-type: none"> MSB Chiller Pad installation Plaza completion <p><u>Hurlstone Park</u></p> <ul style="list-style-type: none"> High-level containment/cablings at Concourse Lift commissioning works MSB fit-out <p><u>Campsie</u></p> <ul style="list-style-type: none"> Final painting of existing and new buildings, structures, rooms and shops Concourse - Internal building fit-out of shops 	
ER Inspections	
<p>No ER inspections were conducted for HBW and DCP in October due to minor work and very low risks. Discussions and photo evidence were provided by Downer during the month to close out previous actions. Ongoing work to assist with closeout includes:</p> <p><u>Wiley Park</u></p> <ul style="list-style-type: none"> Repairs to sandstone edging were completed, however, this was subsequently vandalised and requires additional work to repair Completion of landscaping of rail batters has been scheduled <p><u>Hurlstone Park</u></p> <ul style="list-style-type: none"> Landscaping works to be completed Hand back of Floss Street was accepted by the Inner West Council <p><u>Punchbowl</u></p> <ul style="list-style-type: none"> Handback of Council areas to Canterbury Bankstown Council <p><u>Dulwich Hill</u></p> <ul style="list-style-type: none"> Completion of paving and landscaping. <p><u>Campsie</u></p> <ul style="list-style-type: none"> MAF demobilisation and handback of parking to Canterbury Bankstown Council. 	
Photos	
	
Wiley Park – damage to sandstone edging	Dulwich Hill – commuter car park stairs
Endorsed Document/s	
<ul style="list-style-type: none"> OOHWA WE 17 OOHWA pad mount generators CEMP Rev 7.3 for DCP and HBW 	
Non-Compliance/ Incidents or Repeat Complaints	
<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</p>	



complaint report, with follow-up actions often defined in revised reports. Key or repeat items of note are discussed below for DCP and HBW.

The ER is aware of no new non-compliances for the month and five complaints relating to DCP and HBW works. There were no incidents reported to the ER under condition A36 of SSI 8256.

The complaints are summarised as follows:

- One for OOHW noise at Dulwich Hill
- Two for worker behaviour at Dulwich Hill
- One for traffic and parking at Hurlstone Park
- One related to rubbish at Hurlstone Park that was not related to Sydney Metro work.

Audits

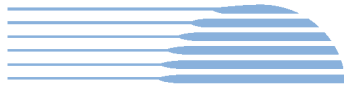
No ER involvement was requested in audit activity including Independent Environmental Audits.

ER Closing Comments and Looking Forward – Core Focus Areas

Site inspection frequency is now based on risk-based surveillance. Due to the low risk of upcoming work, the next ER inspection will be the final inspection for Punchbowl, Wiley Park and Belmore. Final inspections for Hurlstone Park, Campsie and Dulwich Hill are pending the completion of moderate-risk work.

Looking forward:

- Continued implementation checks for CEMP and sub plans, focusing on OOH work scheduling and ESC.
- 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	<p>Commencement of environmental investigation works at the Chatswood Dive compound (being undertaken by SM as Low Impact Minor Works; concurrence that works are Low Impact has been provided by Heritage NSW and DPE).</p> <p>Intrusion detection system trials are commencing at SMTF-N Tallawong prior to being rolled out on Southwest Metro next year. The trials have been approved by the ER as low impact works.</p> <p>Procurement activities for Southwest Metro are underway.</p>		
ER Inspections			
SM	<ul style="list-style-type: none"> ▪ Nil 		
Endorsed Document/s			
SM	<ul style="list-style-type: none"> ▪ 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 		



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.

Where the Report indicates that information has been provided to HBI by third parties, HBI assumes no liability for any inaccuracies in or omissions to that information.

This Report was prepared based on the conditions encountered and information reviewed for the period of reporting. HBI disclaims responsibility for any changes that may have occurred after this time.

This Report should be read in full. No responsibility is accepted for use of any part of this report in any other context or for any other purpose or by third parties. This Report does not purport to give legal advice. Legal advice can only be given by qualified legal practitioners.

Except as required by law, no third party may use or rely on this Report unless otherwise agreed by HBI in writing. Except as specifically stated in this section, HBI does not authorise the use or findings of this Report by any third party.

To the extent permitted by law, HBI expressly disclaims and excludes liability for any loss, damage, cost or expenses suffered by any third party relating to or resulting from the use of, or reliance on, any information contained in this Report. HBI does not admit that any action, liability, or claim may exist or be available to any third party.