

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

7 November 2022
Ref: 170108-ER_DPE October 2022

Dear Rob

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

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

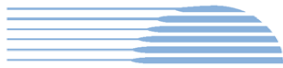
- Condition A24 (l) of the Sydney Metro City & South West Chatswood to Sydenham CSSI 15_7400 Approval (9 January 2017) and associated modifications MOD1_Victoria Cross and Artarmon (18 October 2017), MOD2_Central Walk (21 December 2017), MOD4_Sydenham Station and Metro Facility South (13 December 2017), 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 2022**.

Yours sincerely



Jo Robertson
Environmental Representative




Cc: Sydney Metro: Carolyn Riley, Fil Cerone, Ben Armstrong, Dylan Jones, Ann Paterson, Julia Diamond, Chris Berg, David Virtue
AA: Available on Sydney Metro Website
Contractors: Available to Contractors on Sydney Metro Website
DPE Compliance: Portal
DPE Post Approvals: Available on Sydney Metro Website



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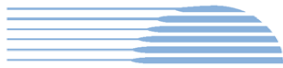
1. Central Station

Project Approval	Contract Package	Environmental Representative/s
SSI 7400 (C2S)	Central Station	Michael Woolley
Key Construction Activities During the Period		
<p>Works conducted during the reporting period included:</p> <ul style="list-style-type: none"> ▪ Metro Box – Ongoing construction activities for the Chillers and Ventilation Building. Fit out of platform Canopies ongoing. Fit out of Platform and other levels. Various FRP works for platform edges. Waterproofing and installation of ballast on the Traffic Deck. OSD now operational and draining to stormwater. ▪ Central Walk – Ongoing installation of new escalators and final panels around the new escalators. Other fit out activities. Works within hoarded work zones on suburban Platforms 16-23 and platform surface excavation during rail possession weekends. Set up for public access to some areas of the Central Walk and North-South Concourse. ▪ Sydney Yard – Small capacity WTP operating to treat surface waters with other water largely directed to Marrickville. Water pumped from some areas of the Track slabs via various tanks to the WTP. Truck access; laydown. ▪ Northern Concourse – Ongoing works at intersection of Northern Concourse and Metro Box area. ▪ Eastern Entrance – Ongoing fit out and general construction activities including OOHWS. Installation of escalators commenced. Closure of footpath in front of the site on Chalmers Street including raising the height of the cycle path to the same level as the footpath. HV cable installation from Randle Lane. ▪ Devonshire Street Tunnel - In operation and used by commuters. ▪ CSR works Rail Institute – Works completed. ▪ ESR Concourse - Ongoing use of the area for laydown and construction support. Fit out and other construction activities ongoing. Public pedestrian access moved onto some completed areas. ▪ Ghost Platforms (above ESR Platforms 24-25) - Ongoing electrical, ventilation and other fit out. 		
Key Construction Activities Look Ahead		
<ul style="list-style-type: none"> ▪ Ongoing activities as described above 		
ER Inspections		
<p>There was one ER inspection conducted during the reporting period on 19th October 2022. Issues raised during the inspections included:</p> <ul style="list-style-type: none"> ▪ Addressing gaps in noise blankets facing Randle Lane at the Eastern Entrance; and ▪ Relocation of the noise monitor and verification of noise monitoring at the Eastern Entrance. 		
Photos		
 <p>19/10/2022</p>		 <p>19/10/2022</p>
Eastern Entrance works		Eastern Entrance: Escalator installation

	
Construction of temporary pedestrian access in the North-South Concourse	Northern Concourse: Heritage Interpretation feature
	
Traffic Deck: Placement of waterproofing on the traffic deck.	Platform 14: Canopy fit out ongoing.
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 DPE daily as well as to the ER. Two complaints were reported to have been received during October relating to access to garage; and OOHs noise. No Incidents were reported that would trigger reporting under Condition A41 and no non-compliant events were reported or observed by the ER.</p>	
Audits <p>There were no audits conducted during the reporting period.</p>	
Summary of Environmental Performance <p>Good environmental performance was generally observed, noting no incidents reported and only low risk issues identified during inspections.</p>	
Looking Forward – Core Focus Areas <ul style="list-style-type: none"> Water Management Heritage Reporting 	

2. SSJ

Project Approval	Contract Package	EPL	Environmental Representative/s
SSI 7400 (C2S)	Sydenham Station and Junction (SSJ)	#21147	Jo Heltborg
Key Construction Activities During the Period			
<ul style="list-style-type: none"> Fraser Park Ancillary Facility: No active works. Boom gate and fencing awaiting completion Geotechnical Area: Completion of gate remains on hold due to design Main Site (11 Sydenham Road): Nil Sydenham Station: PC handed over to Linewide, including maintenance Sydenham Pit and Pumping Station: Formal handover to Sydney Water complete (awaiting records, ITP) Way Street Laydown Areas: Materials removal ongoing for transfer to the John Holland Laing O'Rourke (JHLOR) Southwest Metro Corridor (SMC) and Bankstown Additional Corridor (BAC) Works XPT Laydown: Nil Carrington Road Laydown: Some materials, including a stockpile of DGB and concrete barriers remain, and stabilisation required. Handover process to be formalised (either to SMC_BAC or Sydney Water). Dilapidation survey for underground heritage associated with the Sydney Water SHR pump station complete Bedwin Road: Handed over to Linewide Gleeson Avenue: Diamond crossover works ongoing (stabling tracks), including buffer stops at Sydenham Station. 			
Key Construction Activities Look Ahead			
<ul style="list-style-type: none"> Graffiti removal, Sydenham Pit Geotechnical Area: Final gate design and installation Way Street: Preparation for formal handover to Sydney Trains, or further use for SMC_BAC Carrington Road Laydown: Awaiting handover to Sydney Water, or confirmation of further use for SMC_BAC as an ancillary facility Ongoing defect work Fraser Park Ancillary Facility: Boom gate to be installed and handed back to the Portuguese Club Gleeson Avenue: Completion of diamond crossover. 			
ER Inspections			
<p>There were no ER inspections conducted by the ER in October 2022 due to limited activity and low risk.</p> <p>The following actions remain open from previous ER inspections:</p> <ul style="list-style-type: none"> Bedwin Road: Graffiti remains on Bedwin Road bridge; pending removal in accordance with the Visual Amenity Management Plan (VAMP). <ul style="list-style-type: none"> ER update October 2022: Awaiting finalisation of the Road Safety Audit prior to close-out. Sydenham Pit Confluence Area: Graffiti remains on the Sydenham Pit confluence structure; pending removal in accordance with the VAMP. Outcome pending formal handover to Sydney Water. <ul style="list-style-type: none"> ER update October 2022: Graffiti to be removed. Awaiting completion prior to close-out. 			
Photos			
<ul style="list-style-type: none"> 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> <ul style="list-style-type: none"> The ER is not aware of any non-compliances for SSJ during the period. There were no incidents for SSJ reported to the ER under conditions A41 of SSI 7400. There were no minor Class 3 environmental incidents reported to the ER during the period. The ER is not aware of any complaints during October 2022 that could be attributed to the SSJ works. 			
Audits			
<p>No ER involvement in audit activity including Independent Environmental Audits.</p>			
Summary of Environmental Performance			



The scope of works conducted during the reporting period was small and low risk. The project is winding down with most project scope complete, with mainly defects remaining. The ER is waiting on the completion of all scope and materials removal from laydown areas before handover and condition completion is finalised. Some laydown areas may be approved for ongoing use by SMC_BAC, though confirmation is pending.

Looking Forward – Core Focus Areas

- Completion of selected Conditions of Approval and Revised Environmental Mitigation Measures
- Completion of the SSJ Compliance Tracking Report (CTR) Q3 2022.

3. Line Wide (Tallawong to Bankstown)

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

Key Construction Activities During the Period

Key Construction Activities below:

Northern Connection

- Clean-up in progress, post October Shutdown period (3rd – 9th October 2022)
- Northern Dive access wall closure completed.
- Drake St - Hi-rail pad installed during the October Shutdown period.
- Drake St - Site demobilisation works underway at Drake Street.
- Brand St – Drainage works

Chatswood Dive Site

- Northern Dive Building - installation of framing for façade nearing completion.

Valetta Lane (largely possession related use) - no works at time of inspection

- **Artarmon Traction Sub-station (TSS) and BPS Works Site – Carlotta St** - TSS energised

Blues Point – Streetscaping works:

- Pit and pipe installation (Stage 6)
- Formwork for Horseshoe Wall (Wall 1)
- Saw cutting works of existing concrete pavement

SW Corridor Traction Substation sites

Dulwich Hill TSS

- Façade panels largely installed in the October shutdown period
- TSS building - installation of platforms/walkways, installation of cable tray and transformer housings
- SC reports asbestos lined pipe removal within exclusion zone and air monitoring underway

Canterbury TSS

- Façade panel installation completed in the October shutdown period
- Mechanical and electrical (M&E) fit out works in progress

Campsie TSS

- HV cable pulling within basement of TSS building
- Civil works for two bi-access stairways largely completed

Lakemba TSS

- CSR works 80% completed
- Internal TSS - M&E fit out works
- Minor defect rectification works (structural steel)

Punchbowl TSS - no works at the time of inspection

Canterbury to Campsie BPS

- Pat O'Connor (POC) Reserve, Canterbury – only some tree planting remaining at cable bridge worksite (Ausgrid side)
- Campsie BPS Joint Bay worksites (Anzac St, Gould St and South Parade) – HV Cable works still on hold. Occasional dewatering of joint bays (Anzac St and South Parade) during Standard Construction Hours.

Southern Dive & SMTF South Marrickville:

- Operational WTP -internal mechanical pipe work and electrical testing and commissioning ongoing
- Administration Building - mechanical pipe work, electrical installation, and ceiling installation ongoing
- Maintenance Building – electrical installation, hydraulic pipe work and terminations ongoing
- Stabling Yard - OHW (R5-8 wiring) and grouting works
- Fire Pump Room - electrical and hydraulic works continue
- SSJ Area – future carpark works
- Fencing works
- Track slab - Aco drainage works progressed along track slab

- Southern Dive – cable pulling, wall cladding and transition duct installation occurring

Surry Hills BPS works – Frog Hollow Reserve and Randle Ln

- Frog Hollow Reserve – works completed and handback of section of Reserve to City of Sydney Council, is being scheduled.
- Randle Ln Joint Bay – Installation of final HV cable and fibre cable

Key Construction works/activities Look Ahead

Look-ahead of upcoming activities /works:

- WE19 (5-6th November 2022) South West possession works
- WE19 (5-6th November 2022) Northern Connection possession works
- Scheduled review/endorsement of CEMP and sub plans for minor amendments continuing
- Cap and containment remediation works at SMTF South site (in proposed internal access road area)
- Blues Point streetscaping/enhancement works during Standard Construction Hours along Blues Point Road and Henry Lawson Avenue – scheduled between Jul 2022 with completion by Q4 2022 (continuing)
- Surry Hills BPS (Randle Ln Surry Hills) – preparation for permanent cable installation, cable pulling and testing from Randle Lane to Central Station continuing largely during standard construction hours. Works scheduled on two Sundays during daytime OOH works (October and November))
- Canterbury to Campsie BPS works (HV works on hold currently)
- SMTF S - Early investigation works of utility services to determine the location of existing underground services, including road excavation and surveying.

ER Inspections

There were four ER inspections conducted by the ER in October 2022 (4/10/22, 11/10/22, 18/10/22 and 25/10/22). Key new actions raised are summarised below, with actions either closed out/ in the process of being closed out by SC:

SMTF South and BPS works - ER Inspection #128 - 4/10/22 [Tuesday; Rainfall previous days to inspection – 0.0 mm (03/10); 1.6mm (02/10); 4.2 mm (01/10)]

- SMTF S – (Near Southern Dive – adjacent site shed) - Some damaged sediment controls to be replaced/tidied up along SC's controlled overflow strategy discharge location.

SMTF South and BPS works - ER Inspection #131 - 25/10/22 [Tuesday; 22.8mm total rainfall recorded on 25/10 and rain (mm) previous days to inspection – 6.2 mm (24/10); 0.0mm (23/10) and 1.6mm (22/10)]:

- SMTF S (Sydney Steel Road) - Apart from minor tagging on signage, no graffiti observed on non-branded blue shade cloth installed along section of Sydney Steel Road. SC to address in accordance with Project VAMP.
- SMTF S - Some damaged ESC around drain near Administration Building and around drain near Gate S3 to be refreshed.
- Sydenham Station - Minor (non-offensive graffiti) observed on shade cloth and Project Signage. SC to address in accordance with Project VAMP.
- Randle Ln Joint Bay - Minor waste observed near the ATF at Randle Ln to be removed and disposed.

Northern Sites/Barangaroo laydown area - ER Inspection #129 - 11/10/22 [Tuesday; Rainfall previous days to inspection: 2.2mm – 10/10, 50.2mm - 09/10 and 5.6mm 08/10]:

- Area between Spoil Shed, Logistics Shed and WTP - Some silt observed at the exit of the Logistics Shed near the pick-up sump of the water treatment plant. Discussed and agreed this would be tidied up from hardstand area.
- Northern Dive Building – Noise mats installed in area to be re-installed such that absorbent side is facing SC site works.
- Northern Connection (adjacent to rail corridor) - Section of shade cloth observed on ground and discussed with SC regarding removal and affixing shade cloth around extended worksite, where safe to do so.
- Brand St (drainage works) and Valetta Ln Compound - Noise mats installed at worksite for Brand St Drainage works and within Valetta Lane site to be re-installed such that absorbent side is facing SC site works.
- Hill St Ancillary Facility (Roseville) - Discussed with SC re extension of shade cloth installed to extent of SC stockpile /laydown area. Action raised.

SW Corridor Traction Substation sites- ER Inspection #130 – 18/10/22 [Tuesday – Rainfall previous days: 4.6mm - 17/10; 0.0 mm 16/10 and 0.0mm on 15/10]:

- Belmore St Compound - Minor rubbish and can observed in spill kit near designated chemical storage container within the Compound.

Photos



Northern Dive Building (CDS) – façade installation nearly completed.



Northern Connection - OHW installation in Northern Dive section.



Northern Connection - Brand St (rail corridor) - cess drainage and batter shotcreting works undertaken during October Shutdown period.



Northern Connection - Drake Street (rail corridor) - Hi-rail pad installed during the October Shutdown period.



Dulwich Hill TSS - Façade panels largely installed in the October shutdown period with minor section remaining.



Canterbury TSS - Façade panel installation completed in the October shutdown period.



Blues Point Road – Streetscaping worksite: Formwork for Horseshoe Wall (Wall 1) in progress.



Blues Point Road – Streetscaping worksite: Saw cutting of existing concrete pavement; with vacuum observed for slurry management.

	
<p>SMTF S - Administration Building – Internal M&E works ongoing. Commencement of landscaping works noted.</p>	<p>SMTF S – Fencing works progressing.</p>
	
<p>South Parade Joint Bay BPS worksite - Bund remains in place and jersey barrier gaps filled with expanding foam</p>	<p>South Parade Joint Bay BPS worksite: Noise blankets remain installed around generator.</p>
	
<p>Surry Hills BPS Works - Frog Hollow Reserve: Good grass cover established on previous BPS worksite. Meeting being scheduled with CoS Council to discuss handback.</p>	<p>Surry Hills BPS Works - Randle Ln Joint Bay - preparation works underway for cable pulling.</p>
<p>Endorsed Document/s</p>	
<ul style="list-style-type: none"> OOHWA - 261 Surry Hills BPS Randle Lane HV Cabling Sunday Work OOHWA - 255 Punchbowl and Dulwich Hill TSS Façades WE19 OOHWA - 257 Campsie TSS Staircases Installation WE19 	
<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>One non-compliance reported to the ER in this reporting period. There were no incidents for Line Wide reported to the ER under conditions A41 to A44 of SSI 7400 or A36 of SSI 8256. No minor Class 3 events reported to the ER, for this reporting period.</p>	
<p>Non-compliance reported to the ER during this reporting period is summarised below:</p>	
<ul style="list-style-type: none"> 12/10/2022 – Following a noise complaint received on 12/10/22 at 1am, SC further investigated complaint and raised an NCR against CoA C8. At around 1 am, a tunnel worker used a battery-powered angle grinder to cut galvanised cable tray. The duration of works was on and off for approximately 15 mins. The OOH permit for Chatswood Dive was in place to support 24 hour works at the Chatswood Dive Site under Condition L4.6 of EPL21423. The October notification covered 24/7 mechanical, electrical and hydraulic work at the Chatswood Dive Site. Works undertaken in the dive access area were not specifically covered by the OOH permit. SC CNVMP has not been fully complied with. Following corrective actions were raised – a reminder to key personnel across various levels of the Project, regarding any works outside of standard construction hours being documented, assessed and approved via the OOHW Work Procedure, prior to commencing. Also that unapproved out-of-hours works in the Chatswood dive area are not allowed. Toolbox of specific requirements around works in tunnel portals and dive areas, with applicable personnel was delivered by SC. 	

Complaints during this reporting period are summarised below:

Northern Sites:

- 3/10/2022 - Northern Connection (Chatswood) - Traffic, Transport & Parking - Resident texted photos of car parked in a no stopping zone and another vehicle close to the resident's driveway making local reversing difficult. SC's Stakeholder Engagement Coordinator (SEC) responded to confirm the vehicles were removed.
- 3/10/2022 - Northern Connection (Chatswood) - Traffic, Transport & Parking - Resident emailed about large utes and private cars parked on the narrow Raleigh Street, causing congestion, making it difficult for residents to access their properties. SC's SEC responded to resident apologising and confirming the site team will reinforce the "no parking" for SC staff and sub-contractors' rule via toolbox at prestart. Traffic controllers are advised to monitor the situation.
- 8/10/2022 - Northern Connection (Chatswood) - Traffic, Transport & Parking - Resident in Smith Rd complained about not receiving a notification about the Brand St detour and also that workers are parking legally and illegally in Elizabeth St (adding to the traffic congestion in the area) and don't appear to be doing much work. SC's SEM apologised for the inconvenience of the traffic detour, provided copies of recent notifications to explain the nature, duration and reasons for the work and related detour. Provided more details about the communication approach and TMP. Added the resident to the project email list for future updates. Explained steps toolbox being taken to address the parking concerns, particularly any illegal parking.
- 12/10/2022 - Chatswood Dive Site – Noise and Vibration OOHV - Resident complained about a saw being used "over the road" at 1am. NCR raised by SC following further investigation of this complaint (reported above within this reporting period). 13/10 - Resident emailed back to say that he was satisfied with the response and outcome.
- 13/10/2022 - Northern Connection (Chatswood) - **Noise & Vibration - Standard hours**; Notification of work - Resident describing experiencing low frequency noise and asking for how long it will continue. The resident also asking to be confirmed that the upcoming track investigation works will not be noisy, as it was outlined in the community notification. SC called the resident to provide information of flashback welding work being undertaken along the rail corridor during standard construction hours and is planned to finish by 6pm. Resident thanked SC for the update.
- 13/10/2022 – Chatswood Dive Site (CDS) - Worker behaviour; Traffic, Transport & Parking - Resident has complained about what he claims to be several instances where vehicles have left CDS during the morning or afternoon peak and driven straight on to Hampden Road instead of turning right on to Mowbray Road.
- 20/10/2022 - CDS - Worker behaviour; Traffic, Transport & Parking – Resident provided evidence (video) of a driver today not following the rules and driving out of the CDS straight on to Hampden Road, instead of turning right on to Mowbray Road. SC's developed corrective actions to address above two complaints on 13/10 and 20/10 from CDS, including counselling identified driver, expectations and the road rules. Disciplinary action will be taken if it happens again.
- 24/10/2022 - Northern Connection (Chatswood) – Notification of work; Respite & AA - Respite - Resident claiming RO for work happening between 24 to 28 October suggested the window to take up RO is too brief and as a result he has missed out on previous ROs.

Southern Sites:

- 4/10/2022 – Dulwich Hill TSS – Property Damage/prevention – resident's son making representations on behalf of the resident concerning allegations that two panels of their fence have been knocked out during installation of substation walls. The resident alleges contact has previously been made however there are no records of previous contact.
- 12/10/2022 - Campsie to Canterbury power upgrade - Worker behaviour - Resident raised concerns about the hired security leaving rubbish and cigarette butts across the BPS Campsie-Canterbury site at Anzac Street Canterbury.
- 20/10/2022 - Dulwich Hill TSS – Property Damage/Prevention; Flora and Fauna- Resident raised concerns about tree being trimmed as well as damage to the fence after the work was undertaken. The resident supplied photos showing this damage and asked for the fence to be repaired and an explanation on why they were not notified. SC confirmed the shrub was trimmed as a result of assessing that the overhanging branches into the rail corridor would affect the plant using the area. The fence has since been repaired by the site supervisor as a gesture of good will and resident confirmed they were satisfied with the repair work.

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

- 08/10/2022 - CSW - Surry Hills power upgrade (LWW)- The stakeholder emailed their concerns regarding driveway being blocked and insisted the driveway was blocked by a crane that was doing cable pulling from the joint bay despite there being no work occurring over the weekend. SC SEM contacted the site supervisor who confirmed no work was undertaken over the weekend and this was confirmed by the engineer. Upon further investigation, it was

confirmed that LOR (Central Station contractor), undertook work over the weekend. The complaint was subsequently forwarded to them for their investigations. Complaint deemed unrelated to SC.

Audits

- Nil this reporting period

ER Closing Comments and Looking Forward

Key Points:

- All complaints received in reporting period are summarised above.
- No OOH Noise/Vibration complaints received from the Southwest Corridor two week shutdown that continued into October (1-9 October 2022) and the Chatswood Station rail possession October 2022 (3 – 9 October 2022).
- Following parking related worker behaviour complaints at the Northern Connection (Chatswood) sites during the Chatswood Station rail possession October 2022(3 – 9 October 2022), the ER requested/followed up with SC of records/measures implemented to address complaints received. SC provided records of pre-start briefing delivered to Northern Connection crew. In addition to reiterating the message at the prestart briefing, SC confirmed that SC's Construction Lead had written to the traffic control company engaged by SC to patrol local streets to request vigilance in preventing construction vehicles parking and additional signage was implemented in response to the complaints.
- One OOH Noise complaint noted in the reporting period at Chatswood Dive Site. The ER notes that this complaint triggered SC to act promptly - raise a non-conformance following further complaint investigation and toolbox specific requirements around works in tunnel portals and dive areas, with applicable personnel.
- Current works at LWW sites continue to be managed appropriately; ER Inspections across this month continued to identify generally minor actions and improvements.
- Overall, the Project performed well in the reporting period. The Project Team continue to be responsive to queries/comments raised in document reviews and recommendations made by the ER.

Looking forward:

- WE19 (5-6th November 2022) South West possession works
- WE19 (5-6th November 2022) Northern Connection possession works
- Cap and containment remediation works at SMTF South site (in proposed internal access road area)
- Blues Point streetscaping/enhancement works during Standard Construction Hours along Blues Point Road and Henry Lawson Avenue – scheduled between Jul 2022 with completion by Q4 2022 (continuing)
- Surry Hills BPS (Randle Ln Surry Hills) – preparation for permanent cable installation, cable pulling and testing from Randle Lane to Central Station continuing largely during standard construction hours. Works scheduled on two Sundays during daytime OOH works (October and November))
- Canterbury to Campsie BPS works (HV works on hold currently). Contingency OOHWA for dewatering (dependant on wet weather) BPS joint bays – extension with anticipated completion in mid- February 2023. OOHWA currently under review by ER. To date SC has reported no OOHWA undertaken for dewatering.

4. TSOM

Project Approval	Contract Package	Environmental Representative/s
SSI 7400 (C2S) SSI 8256 (S2B) SSI 5931 (SMTF)	Train Service Operation Maintenance (TSOM)	Swathi Gowda
Key Construction Activities During the Period (October 22)		
<ul style="list-style-type: none"> ▪ SMTF-North: Dynamic train testing between SMTF North and 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 stabling yard ▪ Southwest Substations: Installation of radio mast at Canterbury and Lakemba ▪ Southwest Corridor: <ul style="list-style-type: none"> ○ Installation of radio mast at Canterbury and Lakemba ○ Installation of new signal equipment and cables between Sydenham and Punchbowl ○ Site inspection and survey works along Bankstown Line ▪ Northern Corridor: Cable pulling and termination at Chatswood Station ▪ Tunnels: Ongoing installation of cables and trackside equipment in tunnels, Cross Passages (XPs) and 5G Installation ▪ Stations: <ul style="list-style-type: none"> ○ Central, Waterloo, Martin Place, Victoria Cross, Crows Nest, Pitt Street and Barangaroo: Installation of Platform Screen Doors (PSDs), communications and signalling equipment and cables ○ Sydenham: Platform Edge Barrier (PEB) defect work. Testing and commissioning of PEBs and communications equipment. 		
Key Construction Activities Look Ahead – November 2022		
<ul style="list-style-type: none"> ▪ Tunnels: Ongoing installation of cables and trackside equipment in tunnels, XPs and 5G Installation ▪ SMTF-North: Dynamic train testing between SMTF North and Chatswood and mixed fleet operations ▪ SMTF-South: <ul style="list-style-type: none"> ○ Cable tray, cables and cabinet installation in Administration Building ○ Installation of signalling equipment in the yard ▪ Southwest Substations: Installation of radio mast at Canterbury and Lakemba ▪ Southwest Corridor: <ul style="list-style-type: none"> ○ Installation of radio mast at Campsie and Dulwich Hill Stations ○ Installation of new signalling equipment and cables between Marrickville and Punchbowl ○ Site inspection and survey works along Bankstown Line ▪ Northern Corridor: Cable pulling and termination at Chatswood Station ▪ Stations: <ul style="list-style-type: none"> ○ Waterloo, Martin Place, Victoria Cross, Crows Nest, Pitt Street and Barangaroo: Installation of PSDs, communications and signalling equipment and cables ○ Sydenham: PEB defect work. Testing and commissioning of PEBs and communications equipment. ○ Central: Testing and commissioning of PSDs in late Nov or early December, ongoing installation of communications and signalling equipment 		
ER Inspections		
<ul style="list-style-type: none"> ▪ No ER inspections conducted in October. 		
Photos		
<ul style="list-style-type: none"> ▪ N/A 		
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 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>		
<ul style="list-style-type: none"> ▪ The ER is not aware of any complaints or non-compliances. There were no incidents for TSOM reported to the ER under conditions A41 to A44 of SSI 7400 or A36 of SSI 8256. 		
Audits		
<ul style="list-style-type: none"> ▪ No audits proposed 		



Looking Forward – Core Focus Areas
▪ Nil

- Nil

5. ISD – Crows Nest

Project Approval		Environmental Representative/s
SSI 7400 (C2S) No EPL	Crows Nest ISD (CN-ISD) AW Edwards	Rui Henriques / George Kollias
Key Construction Activities During the Period		
<ul style="list-style-type: none"> Steel fixing and shuttering (Sites A - C) Concrete pumping and pouring (Level 0 pours) B4 OTE and fit out works Services, finishes, and fit out of B5 platform, B4 OTE, B3 plant room. Line Wide fit out works on B6 (Platform) Dewatering the surface water from the site due to heavy rain Steel Truss deliveries Demolition of Hume Street Bridge structural steel members Demolition of the southern capping beam Demolition of the capping beam at site C. Public domain work at Clarke street Installation of steel trusses Slab and Wall pours Extension of Tower Crane (TC) 2 Potholing, service investigations Removal the Site C gantry Removal of Tower Crane (TC) 1 and replacement with Tower Crane (TC) 3 placed on Site B jumpform 		
Key Construction/Activities Look Ahead		
<ul style="list-style-type: none"> Demolition of the capping beams Steel fixing and shuttering (Sites A - C). B4 OTE cladding and fit out B2 to B1 and ground Perimeter walls FRP and concrete pours Girder deliveries for B1/Level 0 B1 form, reo and pour (FRP) Concrete pumping and pouring on Pacific Highway/Clarke Lane. Services, finishes and fit out of B5 platform, B4 OTE, B3 plant room. Line Wide Fit-out works on B6 Potholing, service investigations and removing the Gantry Preparation works for Tower crane 3 for Jump Work of Site C Disassembly of Tower crane 1 and replacement Tree removal on Oxley and Clarke Streets Installation of Class B hoarding around Site C. Public domain work at Clarke street Installation of steel trusses Installation of escalators Service investigation work Pacific Highway 		

ER Inspections

There was one ER inspection on 19 October 2022 (ER inspections are on a fortnightly cycle weather and health permitting. 1 inspection was cancelled due to health constraints). The inspection was conducted by the ER. The following issues were raised:

- Storage of materials and equipment on Hume Street footpath outside the SSID boundary and outside hoarding/fencing not consistent with REMM LV1 and CoA A17, A18 and A19. AWE to provide information on what approval/s have been received that permit the activity
- Secondary sediment controls and maintenance of existing ones required at Clark St. utilities works
- Observation of Clarke Street utility works indicated that insufficient acoustic blankets were used, and where used acoustic blankets appeared incorrectly oriented. AWE Environmental team to monitor use and provide guidance on appropriate use and installation of acoustic blankets
- Empty and partly filled fuel containers were observed without adequate bunding. AWE to provide designated fuel container storage areas and provisions for bunded storage away from those designated locations

Photos



Hume St – Storage of materials and equipment on footpath outside the SSID boundary and outside hoarding/fencing.



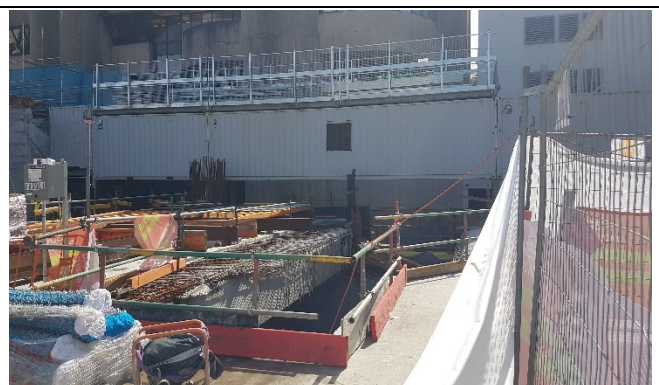
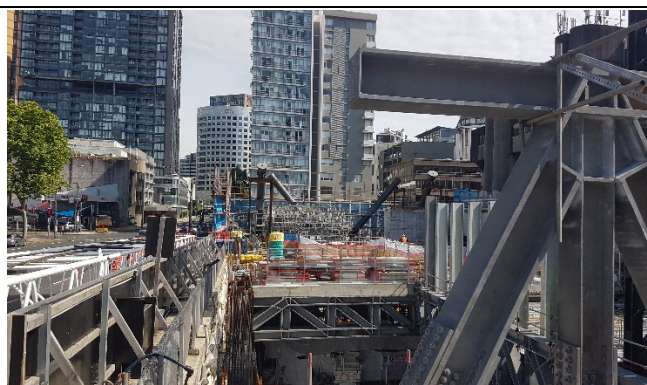
Site B (South) – TC 1 disassembly with replacement TC 3 assembly on Jump form at Level 2 beyond (background).




Level B5 - Platform Sliding Door mechanisms installation.



Site C view east– Perimeter wall shuttering and FRP



View north of B1/0 slab showing steel trusses in place	Level 00 (North) - Defective concrete due to formwork blow-out required demolition with hydraulic hammer
	
Site A view North- B/B0 central slab	Clarke St Utilities works view west to Kelly's Pl. and Hume St: insufficient or poorly placed acoustic blankets:
	
View south at Clarke St: Utilities works secondary sediment controls and maintenance of existing ones required.	Site A - B2 to B0 concourse internal structural and slab platform steel view north
Endorsed Document/s	
<ul style="list-style-type: none"> Extension of approval of Clarke Lane minor Ancillary Facility to 1 December 2022 to align with extension to ROL Extension of approval of OOHW 010 – Extended Hours Works to 15 December OOHW 17 - Service investigations Pacific Highway West (revised to 6 and 7 October or 8 October) OOHW 18 – Clarke St Sydney Water Bypass Oct 2022 OOHW 019 - Tower Crane 1 Disassembly and Tower Crane 3 Assembly Clarke Lane 	
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 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>	

One potential or actual non-compliance was reported to or identified by the ER:

- 6 October – two (2) stakeholders communicated they were complaining about noise happening in the street adjacent to the CNS construction site. They felt the noise levels were unacceptable and that greater respite should be offered. Upon investigation, SM and the ER concluded an approval was not in place for the works. Although an OOWH application had been submitted, ER comments in relation to community notifications had not been closed-out and the ER was awaiting satisfactory resolution of these. The OOWH works were approved on 7/10/22 at around 16:15. SM informed that given the common root cause, this Non-compliance and that identified on 28 September 2022 will be consolidated into one Non-Compliance Report relating to Condition E44.

There were six (6) complaints during the period, as follows:

- 6 October 20:53 – Stakeholder phoned expressing concern about OOH noise happening after 6pm. AWE informed that Public Affair Manager and Place Manager were both aware of the approved planned works and confirmed with stakeholder that the potholing was taking place on Pacific Highway at 8pm - 5am was approved and notified. Noise monitoring at site of work during work was within approvals Notification issued 29 September and email sent 30 September to stakeholder. AWE indicated that noise monitoring at residence was previously agreed with stakeholder and was rescheduled for Wednesday 12 October. The ER notes that as described in the Non-compliance details above the OOWH had not been approved at the time of the complaint.
- 6 October 22:52 – Stakeholder phoned stating they were complaining about noise happening in the street adjacent to the CNS construction site. Caller said she has an email stating that there would be no heavy works in the evening and there is a loud noise in or around the site. Stakeholder stated there were two trucks across the road (one a dry vac) and that the noise was "unbearable". On further discussion with stakeholder confirmed that they felt the noise levels were unacceptable and that greater respite should be offered. AWE informed that works were approved and notified by AWE and phoned back stakeholder with that information. The ER notes that as described in the Non-compliance details above the OOWH had not been approved at the time of the complaint.
- 21 October 11:16 – Stakeholder expressed discontent with noise impacts to his business on Clarke St. AWE visited the stakeholder to apologise for the inconvenience and confirm work would be completed on the day. AWE committed to updating the stakeholder of further works in this location and entered stakeholder into the distribution list to receive future communications.
- 21 October 11:23 – Stakeholder expressed dissatisfaction with levels of noise occurring outside property. AWE called the stakeholder to apologise for the inconvenience and confirm work would be completed on the day. AWE committed to updating the tenants of 6-8 Clarke Street of further works in this location and entered stakeholder into distribution list to receive future communications.
- 21 October 13:00 – Stakeholder expressed discontent with noise impacts during the day to his business on Clarke Street. AWE visited the stakeholder to apologise for the inconvenience and confirm work would be completed on the day. Committed to updating the stakeholder of further works in this location.
- 27 October – Stakeholder expressed concern on their water being turned off during underground infrastructure upgrades, and not turned back on, and not receiving the community notification. AWE identified that Sydney Water did not identify property of complaint in their scope for this work. The complaint was to be referred to Sydney Water.

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

Feasible and reasonable mitigation measures and methodologies proposed for upcoming capping beam removal works, upcoming utilities investigation and installation works, and noise intensive works on Level 0.

ER Closing Comments:

It appears that some communication breakdown between the community relations and construction personnel, and the environmental team continues to exist.

There was an overall decline in noise and vibration related complaints for the period.

6. ISD – Pitt Street

Project Approval	Contract Package	Environmental Representative/s
SSI 7400 (C2S) No EPL	Pitt Street ISD (PS-ISD) CPB Contractors	Rui Henriques / Michael Woolley
Key Construction Activities During the Period		
Pitt Street North <ul style="list-style-type: none"> Level 2 FRP completion Capping beam demolition along Park Street – ongoing. FRP for Level 3 completed Escalator Monorail installation ongoing Blockwork ongoing on L00 and L01 LV switchboards installed and cabling works Level 3 and 4 core walls poured Central core jump form established to be completed by end of October Level 4 Structure 70% complete Pitt Street South <ul style="list-style-type: none"> Main jump at Level 7 (1st Over station Construction SSD level) Level 1 penetrations FRP Level 06 FRP ongoing Precast Façade Panels Level 03 – 06 ongoing Perimeter Scaffolds Princeton Apartments, The Edinburgh Castle, FRNSW, Pitt Street & Bathurst Street B1 Blockwork Escalator structure installation Mechanical, Electrical and Plumbing to B4 - 00 Partitions & Ceilings B4 – 00 B2 Critical Equipment Deliveries: Mechanical Switchboards, LV Switchboards & HV Switchgear Adits and Platform Caverns <ul style="list-style-type: none"> GRC (lower internal cladding) panel installation completed Installing cladding subframes above GRC panels Platform Screen door cladding 70% complete Platform Screen door installation 75% complete Platform Screen door installation 50% complete Services containments install to platforms Ceiling cladding installation 75% complete 		
Key Construction/Activities Look Ahead		
Pitt Street North <ul style="list-style-type: none"> Escalator Monorail installation ongoing Capping beam demolition along Park Street. Level 4, 5 and 6 FRP OSD Central Core (kicker) wall reinforcement installation and concrete pours L02-L05. Tower Crane 2 removal L00 Adit penetration infills Formwork removal over escalator void Pitt Street South <ul style="list-style-type: none"> Level 06 FRP Precast Façade Panels Level 03 - 06 Perimeter Scaffolds Princeton Apartments, The Edinburgh Castle, FRNSW, Pitt Street & Bathurst Street Stripping of lift shaft Station structure to be stripped by mid-November B1 and Ground Blockwork Speed Panels (All Basement Levels) Mechanical, Electrical and Plumbing B4 - 00 		

- Partitions & Ceilings B4 – 00
- Escalator structure installation
- B2 Critical Equipment Deliveries: Mechanical Switchboards, LV Switchboards & HV Switchgear

Adits and Platform Caverns

- Terazzo paver installation commencing
- HV Cable pulling
- GRC (lower internal cladding) panel installation completion
- Platform Screen door cladding
- Platform Screen door installation
- Services containments install to platforms
- Ceiling cladding installation

ER Inspections

There was one ER inspection on 27 September 2022 (ER inspections are on a three weekly cycle weather and health permitting). The following issues were raised during the inspection:

- CPB to investigate improvements to visual and acoustic segregation to improve Princeton apartments resident privacy and acoustic exposure.

Photos



Pitt St South (PSS): Level 6 slab FRP.



PSS: Escalator structure installation.



PSS - Level 5 pre cast façade panel installation adjacent Princeton Apartments.



PSS – Level 6 North west corner walls adjacent Princeton apartments'



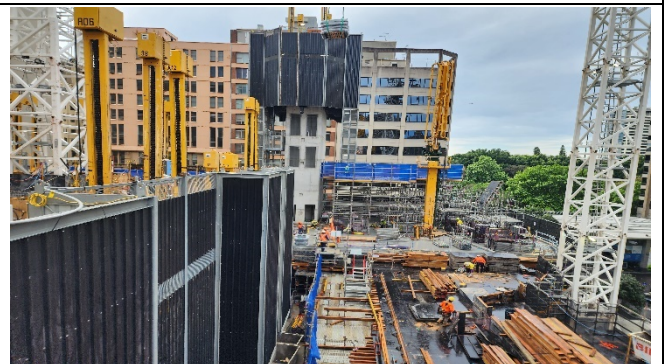
East Adit: Platform Sliding Door and cladding installation completed



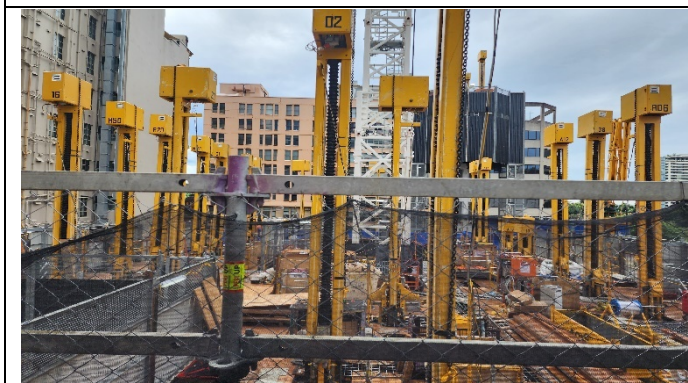
Over-track Exhaust: extraction fan plenum.



Northern Cavern: Water treatment Plant for water reuse.



PSN: Eastern L4 and L5 FRP from OSD level 6/7 Jumpform



PSN south-eastern (Castlereagh Boutique Hotel) side : Central Level 5 FRP and OSD level 6/7 Jumpform



PSN south-western side: Level 5 and 6 FRP and poured slab

Endorsed Document/s

- OOHW 043 – Utilities Installation to commence in August - extended to 31 December due to program delays, ROL dates and attendant lack of adequate verification monitoring.
- OOHW 045 - Pitt St South podium pre-cast facade Installation
- OOHW 049 – Footpath Reinstatement at Pitt Street South – 1 weekend shifts (Saturday 7 am to 6 pm).

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/incident reported to the ER this period.

There were six (6) complaints during the period:

- 11 October - Princeton resident advised of noise complaint received regarding sawing, cutting or drilling at 9pm from Pitt Street South Site. Upon investigation CPB sent an email to the resident providing details of work activities that took place, tools used, and work hours. Provided reasoning on why work needs to take place at night (this work

requires a footpath and traffic lane closure), and also advised that noise monitor data was reviewed and that the work would be completed in one more night

- 18 October - Customers staying at Castlereagh Boutique Hotel complained about noise from jackhammering and saw-cutting on Castlereagh Street (North Site). Upon investigation, CPB informed the Hotel General Manager that high noise works were completed before midnight, as previously notified. Also advised that data from noise monitoring was assessed, and that works would require 2 more nights, however, noise levels would be lower.
- 25 October - Resident complained about noise the previous night from North site. Following investigation, CPB emailed the resident providing information on work hours, the requirement for extended work hours, the work that took place the previous night at the north site and mitigation measures that are in place for night work activities. CPM also provided a copy of the November 2022 OOH community notification and extended offer to add resident to their distribution list so she can start receiving weekly project. email updates.
- 26 October - Kimpton Margot Hotel (South site) representatives spoke with the site supervisor to advise of complaints received the previous night. Investigation concluded that that high noise utilities installation activities including saw-cutting and jackhammering were completed before midnight and all works were completed before 5am. CPB spoke with the hotel representatives about the noise and their work. CPB confirmed that was utility work scheduled for the next night, however, it was postponed and moving forward, CPB will attempt to schedule their utility work on nights where they are least busy. CPB also advised that there was an external contractor working in Pitt Street who were not associated with their work, and this was logged by their Site Supervisor. CPB provided contractor name to the Hotel representatives, who then proceeded to call the contractor.
- 27 October – Eurotower resident complained about workers talking and making noise near her property. An early morning concrete pour was underway at the South site, per an approved OOH work permit. CPB apologised for the disturbance and advised the resident that CPB will raise this issue of noise/talking near properties with the team in toolbox talks. CPB will continue to address this issue and ensure the team are aware of site requirements and being a good neighbour with an ongoing commitment to continuously raise it with the team via toolbox talks.
- 29 October - Resident complained about tools being used on the South site before 7am on Saturday morning and workers having a conversation and using swear words near her property. noise the previous night from North site. Investigation concluded that form workers were potentially on site prior to 7am but it is uncertain whether works were being conducted. CPB informed resident to discuss type of noise heard on Saturday morning. Resident said she heard tools being used, however, wasn't sure what type of work was being completed. She said she heard some deliveries taking place. CPB explained that they are able to have deliveries 24/7 on the project. Resident understood the requirement for 24/7 deliveries and said she understood that worker behaviour is going to be addressed in toolbox talks. Resident would like further information on what is specifically being built next to their balcony glass panels. CPB suggested to meet with the resident and strata committee to discuss scope of works. Resident appreciated the offer to meet with the team and will coordinate with other residents and strata. CPB to include details of work hours and worker behaviour in the next South site toolbox talk. Investigations are ongoing to determine the nature of works being conducted, if any.

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

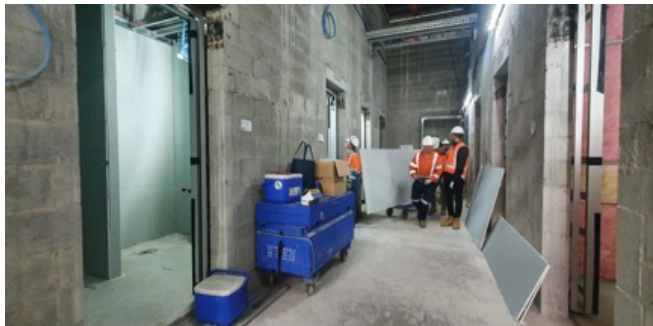
Out of hours planned to continue, including utilities installation in surrounding streets.

ER Closing Comments:

Project has performed very well throughout the period, with frequency of complaints related to project remaining relatively low despite the continued level of activity on the site and surrounding public domain areas. This can be credited to the project's ongoing high level of community engagement.

7. ISD – Waterloo

Project Approval	Contract Package	Environmental Representative/s
SSI 7400 (C2S) (Does not include associated SSDs)	Waterloo ISD – John Holland	Swathi Gowda
Key Construction Activities During the Period		
<p>Update provided by Contractor on 13/10/22:</p> <ul style="list-style-type: none"> ▪ Utilities works ongoing - Sydney Water scope ▪ Investigative works to remove redundant Ausgrid cables ▪ Cranage works from Cope Street South (moving towards North) and internal site ongoing ▪ General deliveries ongoing ▪ FRP conducted from surface level to level 2, Northern end ▪ Block work install and fill occurring across B3 and at surface level ▪ Fit out works and service installation across B5 ongoing ▪ Tiling of Platform - Level B5 ▪ Electrical cable pulling in the station ▪ Duct works for ventilation inside station ▪ Capping beam removal 		
Key Construction/Activities Look Ahead		
<ul style="list-style-type: none"> ▪ Utility investigation and works ongoing in local roads around site, including OOH ▪ Concreting works, including final large OOH pour scheduled in November 2022 ▪ Capping beam removal continuing with wire saw methodology 		
ER Inspections		
<p>ER inspections are on a three weekly cycle weather permitting. One ER inspection was conducted by the ER on 20 October 2022 [Thursday; Rainfall (mm) recorded prior to inspection day – 0.8mm (19/10), 13.8mm (18/10), 41.4mm (17/10)]. Following issues/actions were raised:</p> <ul style="list-style-type: none"> ▪ Cope St compound – Some gaps noted in noise blankets installed at Cope St Compound (to be overlapped), (Cope St-Southern end). JHG reports ongoing monitoring/addressing of gaps continues with Project Team and should improve further once CA for Cope St full closure is implemented. ▪ Cope St Compound - ESC installed around stormwater drains within Cope St Compound. Maintenance is required along kerb to removal accumulated sediment near ESC. ▪ Raised and discussed some cigarette butt disposal noted on ground (near site sheds on Botany Rd side) requiring removal/reminding workforce of requirements. ▪ Minor (non-offensive/not highly visible) tagging in couple sections of hoarding (north -western end) to be addressed. 		

Photos	
	
WL ISD: Above Ground Service Building 1 - Concrete pour from Level 2 into Level 1 underway.	WL ISD: Cranage works ongoing on Cope St South (moving towards the North).
	
WL ISD - Northern Building – Cope St: Final large concrete pour on Level 2 is scheduled in November depending on weather.	WL ISD: Section of capping beam removed with wire saw on the Southern End (Wellington St side).
	
WL ISD – Level B3: Back of house blockwork, mechanical and electrical fit out continuing.	WL ISD – Level B3: Back of house blockwork, mechanical and electrical fit out continuing.

	
WL ISD – Station Box Area - Section of capping beam on western side of Station Box remains to be removed	WL ISD - Station Platform: Platform tiling works underway.
Endorsed Document/s <ul style="list-style-type: none"> OOHWA #38 - Level 1 & 2 Concrete Pours Rev 1 OOHWA #45 - Nov Dec 2022 & Jan 2023 OOH Work (General) (Rev B) Consistency Assessment Cope St Closure Rev 2 Final CTR Q2 2022 WL ISD 	
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 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>Two minor (Class 3) events and nil non-compliances (NC) were reported to the ER during this reporting period. Summary of minor events provided below:</p>	
<p>Incidents:</p> <ul style="list-style-type: none"> 12/10/2022 - Class 3 – WL ISD - Within Site compound on Cope St (hardstand) - Minor oil spill of approximately 4L from forklift whilst working on Cope St. Spill cleaned up using spill kit materials 27/10/2022 - Class 3 – WL ISD – Minor hydraulic oil spill (approximately 500ml on pavement/hardstand) from scissor lift on Level B5. Spill cleaned from area using spill kit materials 	
<p>Complaints during reporting period are summarised below:</p> <ul style="list-style-type: none"> 13/10/2022 – Noise and Vibration – Standard Construction Hours - Noise complaint at Wellington St during standard hours that Vacuum Truck in use for non-invasive digging of services at 10am. Vac Truck commenced at 8.30am and was completed by 10.30am and left site. 20/10/2022 – Noise and vibration (out of hours work)- Noise complaint on hammering and drilling noise from station since 9PM. General Super advised works included the use of hand tools only and no drilling was being undertaken. Works would cease within 30mins. E&SM contacted stakeholder and informed them works were approved under an OOHW permit, notified and would cease within 30mins. 21/10/2022 - Noise and vibration (out of hours work) - Noise complaint on hammering and drilling work since 9PM. Caller has called the last two nights re the same issue (refer above complaint). No drilling was occurring. The activities included the removal of large steel temporary structural beams that can only be removed at night time due the safety constraints during the day. E&SM contacted the stakeholder and explained the activities occurring on site were approved under an OOHW permit and would continue until early Saturday morning. Caller was advised that additional noise blankets had been installed to assist in minimising the noise from the activities. 	
<p>Complaints unrelated to WL ISD/SM activities during reporting period:</p> <ul style="list-style-type: none"> 24/10/2022 – Caller advised that there is concrete cutting taking place at the corner of Wellington and Cope Street. No efforts to mitigate the noise, ongoing issue re lack of mitigation reported before. Further investigation identified concrete cutting for installing comms pit and the work was not associated to Waterloo ISD works/scope. 	
Audits (specific to packages reported in this report)	
No ER involvement in audit activity including Independent Environmental Audits.	



Looking Forward – Core Focus Areas and ER Closing Comments

Core Focus Areas

- Continue to review/monitor OOHs planned and approved and promote the inclusion of noise mitigation wherever practicable.
- Continue to review/monitor complaint numbers and issues.



ER Closing Comments:

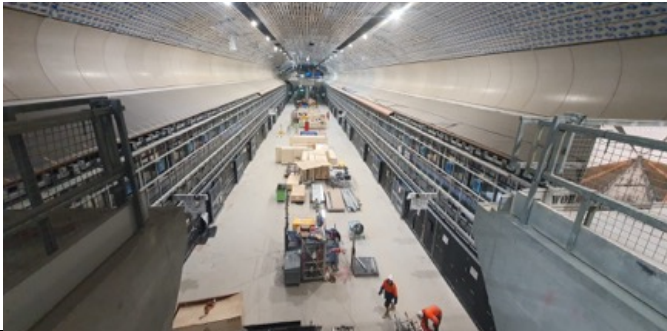
- All complaints received in reporting period were as noted above.
- Three noise complaints in reporting period, of which two related to OOH noise from the same complainant on 20/10 and 21/10. Complaint numbers remain generally consistent with the previous month.
- Contractor's Community and Stakeholder Manager continued providing complaint details/follow-up and close-out as requested, to ER and AA.
- Project has performed generally well throughout the period and has been responsive to queries/comments raised in document reviews and any recommendations made by the ER.

ER notes a few worker engagement and community engagement sessions/initiatives reported and discussed by JHG:



- Worker Inductions (weekly) – Stakeholder and community manager presents on worker behaviour, respecting our neighbours, car parking etc
- Commencement of Mission Australia and Oz Harvest Waterloo Community Outreach Program for Waterloo Social Housing Tenants, with Waterloo Metro Community Team attending first session on 27th October 22 (opportunity for community to ask any questions about the new metro). Future monthly sessions are planned. The JHG Community Team reported that the session was positive.
- Open Quarterly Community Connect Sessions (held at local café/business) – next session to be held in December 2022 (date TBC).

8. ISD – Victoria Cross

Project Approval	Contract Package	Environmental Representative/s
SSI 7400 (C2S) No EPL	Victoria Cross ISD (VC-ISD) Lend Lease	Swathi Gowda Michael Woolley
Key Construction Activities During the Period		
Construction Activities - Update provided by Contractor on 19/10/22: VC North (VCN): <ul style="list-style-type: none"> Level 3 concrete pour completed Plenum Level B03 Structural works within plenum, concrete pours/steel fixing/formwork (up to ground level) Fit out works and services within the shaft Station Cavern: <ul style="list-style-type: none"> Trackway handed over to Line Wide Blockwork and GRC panels installation Station fit-out VC South (VCS): <ul style="list-style-type: none"> Carpark slab (up to Lower Ground)/station slabs concrete pours (B01), steel fixing and formwork Station Jumpform at Level 3 Jumpform pours and lifts Waterproofing, blockwork 		
Key Construction/Activities Look Ahead		
<ul style="list-style-type: none"> Investigation of capping beam removal methodology (potentially using wire saw where feasible) Denison Street stormwater work Review and endorsement of management plans (scheduled review) Victoria Cross South site – Ongoing OOH (evening & weekend) October – December 2022 Victoria Cross North site – Ongoing OOH works (evening/ weekend OOH) October – December 2022 		
ER Inspections		
ER inspections are on a three weekly cycle weather permitting. One ER inspection was conducted on 18 October 2022 (Tuesday; Rainfall – 13.8 mm (18/10/22); previous days: 41.4 mm - 17/10; 0.0 mm on 16/10 and 15/10. The following action was raised: <ul style="list-style-type: none"> VCN – McLaren St: Some damaged sediment bags noted near site gate. Discussed replacement of damaged sediment bags with Contractor and action raised. 		
Photos		
 		
View of VCN (North Shaft area) from Miller St. Level 3 concrete pour completed and scaffolding at Level 4.		
VCN – North Yard Area: Waste load on Grasshopper truck being covered prior to leaving site (positive observation).		

	
Station Cavern: Station fit out and GRC panels installation continuing.	Station Cavern: Façade installation works progressing within Station Cavern.
	
Victoria Cross South – Carpark Lower Ground: Concrete pour underway.	VCN – North Shaft – B1: Blockwork progressing for services.
Endorsed Document/s	
<ul style="list-style-type: none"> CTR Q2 2022 endorsed 	
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 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>	
<ul style="list-style-type: none"> Nil incidents or non-compliances reported to the ER during this reporting period. Project related complaints during the reporting period <ul style="list-style-type: none"> Nil Complaints unrelated to SM activities for this reporting period: <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"> Denison Street stormwater work (potential out of hours (OOHW) maybe required - TBC) Investigation of capping beam removal methodology continuing (potentially using wire saw where feasible) Continue to review/monitor OOHWs planned and approved: <ul style="list-style-type: none"> Victoria Cross South site – Ongoing OOH (evening & weekend) extended to October – December 2022 Victoria Cross North site – Ongoing OOH works (evening/ weekend OOH) extended to October – December 2022 Continue to review OOHW noise monitoring including any new modelled scenarios in OOHWAs, any associated complaints and issues. 	
ER Closing Comments:	
<ul style="list-style-type: none"> No project related complaints received during the reporting period. The Project continues to be responsive to any queries/ considerations or recommendations made by the ER/AA. 	

9. ISD – Martin Place

Project Approval	Contract Package	Environmental Representative/s
SSI 7400 (C2S) No EPL	Martin Place ISD (MP-ISD) Macquarie Bank/Lend Lease	Michael Woolley / Rui Henriques
Key Construction Activities During the Period		
Bligh Street: <ul style="list-style-type: none"> Concrete deliveries and pumping. Various other deliveries Ongoing operation of the Water Treatment Plant (WTP) and discharge of water to stormwater Martin Place South (MPS) <ul style="list-style-type: none"> Ongoing construction (FRP) of walls; columns, beams and floor slabs up to street level FRP for the slab in Martin Place that will form the pedestrian way of Martin Place Other general construction activities Utilities and hoarding works (OOHWs) Opening of new pedestrian crossing of Martin Place between Elizabeth and Castlereagh Streets under B Class Hoarding to allow removal of the temporary pedestrian bridge Martin Place North (MPN) <ul style="list-style-type: none"> Various building work activities ongoing such as FRP for columns; lift shafts; walls; floor slabs and other various items. Various works within the SSD well above the SSI level Tower crane installed and operating adjacent Elizabeth Street Façade and glass installation on Hunter and Elizabeth Streets Station Caverns and Adits <ul style="list-style-type: none"> Installation of ventilation/exhaust systems Other fit out activities including installation of panelling, services and fire safety systems Line Wide works in the station caverns – separated from Lend Lease activities 		
Key Construction/Activities Look Ahead		
<ul style="list-style-type: none"> Activities as described above ongoing OOHWs relating to utilities, façade, hoarding and other construction activities Planned removal of the temporary pedestrian bridge 		
ER Inspections		
There was one ER inspection conducted by the ER on 28 th October 2022. No issues were raised during the inspection. Site activities continue to be repetitive in nature and are building related works rather than civil works.		
Photos		
		
Martin Place North: Views from street level on Castlereagh and Hunter Streets. SSI works that top out at Level 7. Installation of glass façade ongoing.		Martin Place North: Views from street level on Elizabeth Street. SSI works top out at Level 7. Installation of glass façade ongoing. Use of tower crane attached to the building.


Station: Ongoing Fit out of stations and caverns

Martin Place Pedestrian Bridge: To be removed once pedestrians moved to new crossing within the MPS site

Caverns: Ongoing Fit out of stations and caverns

Martin Place South: Concreting works ongoing

Endorsed Document/s

- MP-ISD OOH96 - Ausgrid works Rev 2
- MP-ISD OOH95 - North Site Facade works Rev 2
- MP-ISD OOH94 - North Site hoarding works Rev 8

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 was one complaint reported to have been received by Lendlease during the reporting period relating to workers congregating around a building entrance.

Lendlease advised that the workers were not related to the Martin Place worksite hence the complaint was not project related. No non-compliances were reported to or observed by the ER during this reporting period for the Martin Place site.

Audits (specific to packages reported in this report)

No ER involvement in audit activity including Independent Environmental Audits.

Looking Forward – Core Focus Areas and ER Closing Comments

Nil

10. Barangaroo Station (BESIX Watpac)

Project Approval	Contract Package	EPL	Environmental Representative/s
SSI 7400 (C2S)	Barangaroo Station (BESIX Watpac)	N/A	Jo Heltborg
Key Construction Activities During the Period			
<p>Civil:</p> <p>Zone 1 (Main Site):</p> <ul style="list-style-type: none"> Stormwater works, including sheet piling, trenching, pipe installation and backfill Western civil pit construction complete ex-situ Stockpiling of imported tunnel spoil from Rozelle Interchange Stockpiling and management of asbestos and coal tar contaminated spoil Water Treatment Plant (WTP) operation <p>Zone 2 (Shark's Fin):</p> <ul style="list-style-type: none"> Demolition of remaining capping beams and headwall surrounding the shark's fin complete; backfill continued <p>Zone 4 (Hickson Road wall):</p> <ul style="list-style-type: none"> Construction of ventilation pods along Hickson Road including waterproofing ongoing; Concrete pours ongoing. <p>Zone 5 (The Cutaway):</p> <ul style="list-style-type: none"> Pit installation and FRP ongoing for the condensed water system Excavation of pipe trench commenced <p>Station Box:</p> <ul style="list-style-type: none"> Installing structural steel, scaffolding, concrete and blockwork Continued lift installation Escalator and lift installation ongoing Installation of sandstone cladding on platform level B6 / architectural finishes FRP works to station box Services, ductwork and containment installation (electrical, fire, hydraulics) Interface works with Linewide. 			
Key Construction Activities Look Ahead			
<p>Zone 1 (Main Site):</p> <ul style="list-style-type: none"> Western civil pit: Installation of sheet piles, strip formwork, FRP of precast roof; Excavate and install bracing Continuation of sheet piling and excavation for stormwater trunk relocation <p>Zone 2 (Shark's Fin):</p> <ul style="list-style-type: none"> Continuation of backfilling of the shark's fin; FRP of stormwater pits <p>Zone 4 (Hickson Road wall):</p> <ul style="list-style-type: none"> Concrete pours and construction of ventilation pods along the base of the Hickson Road wall Ventilation pod FRP <p>Zone 5 (The Cutaway):</p> <ul style="list-style-type: none"> Installation of conduits for the condensed water system Excavation/shoring of HV pit Excavation/backfill for next sections of condensed water trench <p>Zone 6 (Hickson Road, under bridges):</p> <ul style="list-style-type: none"> Stormwater installation works subject to out of hours works (OOHW) approval <p>Station Box:</p> <ul style="list-style-type: none"> Continue GRC installation Sandstone and sandstone framing installation FRP works to the station box Continue lift installation B4 crossover cavern ductwork installation Services, ductwork and containment installation ongoing (electrical, fire, hydraulics, security) Headland Park carpark works 			
ER Inspections			
There were four inspections conducted by the ER in October 2022 (6 th , 13 th , 20 th & 27 th). Issues raised and discussed were as follows:			

- Dust was observed and appeared to be generated from the fine bulldust across the site hardstand during high wind gusts. BESIX Watpac arranged for the on-site water cart and sweeper to attend immediately.
- Litter had accumulated along the southern site fence line/boundary and required removal. Action close-out pending.

Photos



Installation of the condensed water pit in the Cutaway was ongoing. Heritage, ERSED and biodiversity issues being managed well.



Removal of sandstone blocks (used for heritage interpretation by INSW) ongoing under supervision. Damage to one block occurred, which was raised as an environmental incident



Archaeological monitoring was ongoing during excavation of the condensed water line in the Cutaway



Water Treatment Plant was maintained in good condition



Improvements in stockpile management observed



Construction of the precast western civil pit was ongoing



Construction of ventilation pods under Hickson Road wall was ongoing

Endorsed Document/s

- Nil

Non-compliance/ Incidents or Repeat Complaints

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

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

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

- Sandstone blocks adjacent to Nawi cove outside of the Cutaway, used as heritage interpretation by INSW, were being relocated to allow for condensed water installation. The relocation was being carried out in accordance with a methodology which had been agreed with INSW and their nominated heritage consultant, Stratti. Stratti were not on site when the incident which is the subject of this report occurred. One of the sandstone blocks being relocated had a pre-existing fissure through it. As the block was being offloaded from the truck carrying it to the storage area on site the fissure split open. The block was secured with a ratchet strap to prevent the spit from opening any further, and stored in a secure location, labelled and wrapped in plastic in accordance with the agreed removal / storage methodology. A heritage consultant will develop a methodology to repair the split sandstone block, in consultation with INSW. A report demonstrating that the repair was undertaken in accordance with the repair methodology will be prepared.

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

The ER is aware of one complaint reported during October 2022 (but received in September) related to BESIX Watpac works:

- **ID 4050, 28/9/22 (reported 4/10/22):** Customer complained about lack of signage at Barangaroo Ferry and that they wasted time of their journey re-routing around the foreshore. The matter has been referred to Sydney Metro to review wayfinding in place.

Audits

No ER involvement in audit activity including Independent Environmental Audits.

Summary of Environmental Performance

Focus has been made in the implementation of corrective actions raised as a result of non-compliances, ER inspections, and as documented in meeting minutes. To provide additional assurance that compliance is being managed effectively, and adequate planning and assessment of environmental risks is taking place, ER inspection frequency has been increased temporarily to weekly. ER inspections are now being attended by members of the BESIX Watpac senior leadership team.

The management of stockpiles and waste classification remained an ongoing issue and in October 2022, though improvements in stockpile management were noted, including a greater focus on stockpile numbering, waste classification



and tracking. Ongoing assurance is being sought to confirm that waste tracking processes are being managed in accordance with legislative and other requirements.

Conditions of approval and legislative requirements associated with site contamination and remediation are in the process of being reviewed by the contractor's contamination consultant, though the results of the review and remediation approach has not yet been communicated to Sydney Metro or the ER.

Issues with compliance at The Cutaway were resolved in October 2022, with assurance provided to Sydney Metro and the ER that measures were in place and being implemented in relation to sandstone block removal, archaeological monitoring, waste classification, ERSED, landowner consent and project approvals. Significant improvement in the communication of upcoming works from the contractor to the environment team, including the ER and Sydney Metro was noted.

Meetings have been held and discussion has been ongoing around planning for the discharge of water from the western civil pit (direct to harbour) and compliance with the approved DPE CEMP & Procedures including water quality monitoring and contingency. It is understood this activity is unlikely to occur at this stage.

Looking Forward – Core Focus Areas

- Contingency plan for dewatering of the western civil pit direct to harbour, and focus on the implementation of mitigation measures in the CEMP and Soil and Water Procedure
- Compliance with water quality parameters in the WDIA during discharge from the WTP
- Options considered for the discharge of B3 groundwater
- Dust control, particularly across the hardstand
- The transfer of water from Line Wide to BESIX Watpac from the surface and Level B6
- The management of works in zones with high-moderate archaeological potential and the reporting of unexpected finds
- The management, storage and disposal of coal tar and asbestos-contaminated spoil
- Completion of the Compliance Tracking Report (CTR) Q1 and Q2 2022.

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

Project Approval	Contract Package	EPL	Environmental Representative/s
SSI 8256 (S2B)	Southwest Metro Corridor (SMC), Bankstown Early Works (BEW), and Bankstown Station & Additional Corridor (BAC)	#21147	Jo Heltborg
Key Construction and Low Impact Works Activities - During the Period			
<p>Southwest Metro Corridor (SMC):</p> <ul style="list-style-type: none"> Continue with closing out snag defect list for GST Punchbowl to Bankstown. Canterbury Compound: Site offices and amenities, fuel and gas storage. Quenos pipe relocation to Canterbury compound. Campsie Station: Preparation for BAC site investigation for track slab installation (now removed from Christmas Shut scope). Wairoa Street Bridge, Campsie: Stabilisation measures in place until next scope of works commences. Park Street, Campsie: Vehicle turn-out complete. Restoration of nature strip and stabilisation measures in place. Belmore Triangle, Redman Parade: Vacuum truck slurry storage. Spoil load out (SP059). Stockpiling and materials storage. Finishing works for hi-rail access pad. Loftus Street, Belmore: Completion of GST transition. Loch Street, Belmore: GST installation under Loch Street Bridge. Stansfield Avenue, Punchbowl: GST defects. <p>Bankstown Early Works (BEW):</p> <ul style="list-style-type: none"> North Terrace Compound: Site offices and amenities, fuel and gas storage. Metro Services Building (MSB): Installation of building façade, internal fit-out ongoing. Not inspected. Southern Down Platform: Complete (to be continued under a new contract). Not inspected. Stacey Street Bridge – Countryside, Bankstown: Throw screen installation ongoing during possessions. <p>Bankstown Station & Additional Corridor (BAC):</p> <ul style="list-style-type: none"> North Terrace Compound: Tree removal along culvert complete. North Terrace Public Domain: Tree removal in public domain complete with the exception of three trees awaiting landowner consent. South Terrace Station precinct: Tree removal in public domain complete with the exception of three trees awaiting landowner consent. 			
Key Construction Activities Look Ahead			
<p>Out of Hours Work:</p> <ul style="list-style-type: none"> Weekend 19 Possession (WE19) 5-6th November 2022 Planning for Christmas Shutdown Possession – 25th December 2022 – 8th January 2023 <p>Other:</p> <p>SMC:</p> <ul style="list-style-type: none"> Marrickville: Processing Council approvals for progressive demolition of parapet, Livingstone Road bridge. Drainage and culvert relining works. Dulwich Hill: New hi-rail access pad access, Ewart Street. Hurlstone Park: Church Street bridge piles. Canterbury: (possession): Culvert and drainage works, Hutton Street. Campsie: Sign-off of turn-out slabs, Park Street. Belmore: Spoil load-out from Belmore Triangle. Punchbowl, Stansfield Ave: GST installation continuing. <p>BEW:</p> <ul style="list-style-type: none"> Finishing works to service building and civils. Landscaping likely to occur in the near future. <p>BAC:</p> <ul style="list-style-type: none"> Nil. 			

ER Inspections

There were two ER inspections conducted in October 2022 (4th and 18th October). Actions raised during the inspections were related to maintenance of levels on slurry bins, maintenance of ERSED controls, hazardous chemical storage, and visual amenity. Corrective actions were addressed by the contractor and evidence of close-out provided.

Photos



Belmore Triangle: One of the two slurry bins was full with risk of uncontrolled release with predicted rain. Water was pumped to another bin with additional capacity.



Bankstown Station: The sediment fence between the works and the North Terrace culvert had not been installed properly, increasing the risk of sediment entering the culvert during the next rain event. Controls were fixed prior to the next rain event.



Loftus Street, Campsie: Ballast reconditioning was underway adjacent to the hi-rail access pad



Loch Street, Belmore: GST installation under the Loch Street Bridge had commenced.



North Terrace Compound and culvert, Bankstown: Tree removal was complete under PCMWA-005 along the stormwater culvert and within the station precinct.



Hutton Street, Hurlstone Park: ERSED controls at the gate were starting to deteriorate (NB: this site was recently taken over from Linewide). Installation of new stormwater pit.



Ewart Street, Dulwich Hill: Preparation for construction of new access to hi-rail pad

Wairoa Street to Park Street, South Terrace: Shadecloth had come down in a number of locations along the boundary fence.

Endorsed Document/s

- Nil

Non-compliance/ Incidents or Repeat Complaints

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

There were no non-compliances reported to the ER during the period.

There were no incidents reported to the ER under Condition A41 of SSI 7400.

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

- **SMC-INC-028, 8/10/2022:** During the Weekend 15 rail possession at 1400 a hi-rail trolley was discovered with an oil leak below the flat deck. The volume of the leak was approximately 3L and it was a thin surface streak over 250m of track on the up ARTC Line. Leak did not flow below the surface ballast. The surface between the ARTC track is already smeared with a layer of grease deposits. When the leak was spotted, it was immediately reported and investigated. The leak was concluded to be a surface leak with no harm done to the environment. The fittings below the plant were tightened and 7L of Oilgone200 was sprayed over the leak on the sleepers and ballast.
- **SMC-INC-029, 9/10/2022:** Dirty water observed in the street kerb and gutter, downgradient of an access gate in use by JHLOR during the WE15 rail possession. Prior to the event, ERSED controls were installed - the access track

stabilised with ballast and sediment sock check dams placed in kerb and gutter, downgradient of the access. Overnight rainfall of 50.8mm was received, and dirty water created at interface with the in-street destabilised spoon drain and ballast access ramp. Dirty water drained from the interface area through sediment sock check dams. Clean-up commenced immediately with on site sweeper running vacuum along the kerb and gutter until flow of dirty water stopped. Ballast access track reinstated.

The ER is aware of five complaints received during October 2022 related to the SMC_BEW_BAC works:

- **ID 4074, 4/10/22 (reported 5/10/22):** Complaint regarding generation of noise during standard construction hours. Telephone contact was attempted with the complainant, though no response received.
- **ID 4075, 4/10/22 (reported 6/10/22):** Resident concerned about the removal of trees at Bankstown Station. Telephone contact was attempted with the complainant, though no response received.
- **ID 4098, 8/10/22 (reported 10/10/22):** Complaint was in regard to a worker moving residential bins to make way for contractor parking. The vehicle was moved and the team toolboxed on parking, particularly moving private property.
- **ID 4099, 8/10/22 (reported 11/10/22):** Complaint regarding parked vehicles causing congestion near Close Street, Canterbury Findings and actions: At start/handover of shifts during possessions some vehicles are parking in this zone. At other times there are private vehicles so difficult to identify ownership or if connected with project. Raised concerns with Construction team. For Possession work - traffic controller to direct workers not to park on the road. Parking issues to be raised at future pre-start meeting. To be highlighted in White Board slides. Complaint actions still open.
- **ID 4101, 8/10/22 (reported 11/10/22):** Resident complained about OOHW construction noise near Close Street, Canterbury. It is understood segregation fence works were underway in the corridor at the time. The resident had been offered AA for both Friday and Saturday night. Resident states acknowledgement and prompt response sufficient and declined further AA offer.

Audits

No ER involvement in audit activity including Independent Environmental Audits. JHLOR has scheduled an Internal Environmental Audit for 8/11/2022.

Summary of Environmental Performance

Erosion and Sediment (ERSED) control remains a focus, particularly at site access points to reduce risk of dirty runoff and tracking. Site access points are generally well established and maintained throughout JHLOR PC areas along the Sydenham to Bankstown corridor. Erosion and Sediment Control Plans (ESCPs) are consistently reviewed and updated for new work areas and changed activities. The ESCPs demonstrate that ERSED issues have been reviewed in detail before applying required controls.

The BAC CEMP and Sub-plans have been approved by DPE, and works will be able to commence under the Plans once the PCCR is submitted to DPE. Sydney Metro is waiting on the finalisation of the Utility Management Strategy prior to submission. Low impact works for BAC were ongoing during the possession in October 2022, including track slab investigations at selected station (which has since been postponed to after the Christmas Shutdown). Tree removal within station precincts and compliance with tree numbers in the SPIR remains an ongoing focus, particularly in relation to upcoming security fencing design.

Review of proposed sites for use as ancillary facilities for BAC was ongoing during October.

Looking Forward – Core Focus Areas

- Management of ERSED controls generally
- Management of noise during OOH Work including possessions
- Completion of the Q3 2022 Compliance Tracking Report (CTR).

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

Project Approval	Contract Package	Environmental Representative/s
SSI 8256 (\$2B)	Marrickville, Canterbury & Lakemba Station Upgrades (MCL) (HSEJV)	Brett McLennan
Key Construction Activities During the Period		
<p>Possessions Shutdown 4 Concluded (24 September to 10 October, 2022)</p> <ul style="list-style-type: none"> Out of Hours (OOH) Works for all stations. <p>Marrickville:</p> <ul style="list-style-type: none"> CESS works completed ULX LV Open Cut Works Across ARTC Tracks completed Screw Pile Installation and FRP completed MSB fit-out continued City end GST completed Construction of the shared user path continued Installation of anti-throw screen commenced LCR installed Wooley Lane Station building electrical fit-out, installation of platform lighting, install new and upgraded existing pits. <p>Canterbury:</p> <ul style="list-style-type: none"> Continuation of service installation and construction of the MSB Boundary Fence Installation commenced Canterbury Rd – roofing and guttering Works Footbridge and pedestrian ramp -installation of cable containment Install lift landings 1 and 2 Commence lift commissioning works Stair canopy glazing completed Install footbridge structural steel and glazing Regrade ramp and Platforms 1 and 2 Installation of Platform 0 segregation fencing CSR and stormwater completed behind Platform 2 Electrical commissioning and cable management work on platforms Plaza works continued Upgrade of Broughton Street bus shelters commenced GST installation <p>Lakemba:</p> <ul style="list-style-type: none"> MSB - External brickworks completed, internal fit-out and utility installation continued GST Installation Commencing landscaping works near the station entrance Anti-throw screen installation continued 		
Key Construction Activities Look Ahead		
<p><u>All sites</u></p> <ul style="list-style-type: none"> Planning, coordination and monitoring the OOHW (WE19 4-6 November; Shutdown 5 (24 December 2022 to 13 January 2023) Continuation of platform/station building fit-out at all stations Continuation of MSB construction and/or fit-out at all stations GST/CSR routes and cable pulls are ongoing <p><u>Marrickville</u></p> <ul style="list-style-type: none"> Footpath work/sewer lining with interflow Completion of shared user path Landscaping <p><u>Canterbury</u></p> <ul style="list-style-type: none"> MSB construction Plaza Construction Lift commissioning works <p><u>Lakemba</u></p>		

- MSB fit-out
- Landscaping works
- CSR works

ER Inspections

There were two ER inspections conducted for MCL on 12 and 26 October 2022. The key issues raised during the inspections were:

Marrickville:

- Erosion and sediment controls (ESC) required minor updates and maintenance.

Canterbury:

- ESC required updates and maintenance post-rainfall event.
- Noise (tonal beepers) raised as NCR 41
- Spoil stockpile movement to an unapproved area (to be raised in November as NCR)

Lakemba

- ECS required minor updates and maintenance.
- Bunding for diesel tank
- It was noted that a Sydney Water pipe had burst adjacent to Hadden Street and was flowing through the MSB compound's clean water diversion.

Photos



Marrickville CESS – MSB ballast haul route





Marrickville heritage protection



Canterbury MSB - Former access gate area



Canterbury bus shelter upgrade

	
Lakemba – MSB and ESC installed as required	Lakemba– lower Railway Parade compound
Endorsed Document/s	
<ul style="list-style-type: none"> OOHWA WE19 Rev B and Rev C OOHWA Canterbury material movement (lift components) 	
Non-Compliance/ Incidents or Repeat Complaints	
<p>Sydney Metro has been providing summaries of complaints to the Department of Planning and Environment (DPE) daily and a summary to the ER. Responses to each complaint have been noted in each complaint report, with follow-up actions often defined in revised reports. Key or repeat items of note are discussed below for MCL.</p>	
<p>The ER is aware of one new NCR for the month and 14 complaints relating to MCL works. There was one incident for MCL reported to the ER under condition A36 of SSI 8256.</p>	
<p>The NCR was summarised as follows: NCR042 - Use of tonal plant alarms at Canterbury Station. The contractor was notified during Shutdown 4 that plant was being operated using tonal movement alarms through community complaints, and the ER observed the plant onsite during the ER inspection on 12 October. HSEJV indicated that the plant had been removed from the site, however new plant was observed on 26 October operating with tonal movement alarms. This was raised as an NCR noting that the NVMP and onboarding procedure had not been followed.</p>	
<p>The notifiable incident (INC-045 CAN Sewage backflow) was due to possible utility damage from concreting works at Canterbury, which impacted an adjacent café. Septic water or grey water had flowed back into the café. This is still under investigation.</p>	
<p>The complaints are summarised as follows:</p> <ul style="list-style-type: none"> One worker's behaviour complaint at Lakemba. One complaint from Canterbury sediment tracking (reported to EPA) Five complaints relating to worker parking at Canterbury One complaint relating to worker behaviour at Canterbury. Four noise complaints from Canterbury, one of which was not related to Metro works. One noise complaint and one odour (not related to Metro works) at Marrickville. 	
Audits	
<p>No ER involvement was requested in audit activity including Independent Environmental Audits.</p>	
<p>An Independent Environmental Audit report of the CTMP undertaken on 31/08/2022 was submitted to DPE on 26/10/2022.</p>	

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

The ER has continued to hold meetings with HSEJV and Sydney Metro to discuss the ongoing issues and closeout of ER actions. It was noted that the site controls and communication had improved during Shutdown 4, with the exception of the tonal alarm reported. Implementation of ESC at the access gates was a focus throughout the month, noting that the sites remain wet after ongoing rain events. It is noted that construction fatigue is impacting both the community and construction teams.

Looking forward:

- Continued implementation checks for CEMP and sub plans, focusing on noise, OOHWS scheduling and ESC
- CTR Q2 2022 review and endorsement
- OOHWA approvals
- Coordination meetings with Sydney Metro and contractors for OOHWS

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

Project Approval	Contract Package	Environmental Representative/s
SSI 8256 (S2B)	Hurlstone Park, Belmore, and Wiley Park Station Upgrades (HBW) (Downer) Dulwich Hill Campsie and Punchbowl Station Upgrades (DCP) (Downer)	Brett McLennan
Key Construction Activities During the Period		
Possessions Shutdown 4 Completed (26 September – 10 October) <ul style="list-style-type: none"> Out of Hours (OOH) Works for all stations. <p><u>Hurlstone Park</u></p> <ul style="list-style-type: none"> Metro Services Building (MSB) –Blockwork installation continued; transformers installation continued. Segregation fence post installation completed Trackside Equipment (Tray and Droppers) completed High-level concourse canopy - Roof sheets & flashing installation and cable containment completed Concourse balustrade post and frames installed Opal bollard installation completed Booking office modifications completed Installation of bridge anti-throw screens completed Bins installed Segregation fencing works continued <p><u>Belmore</u></p> <ul style="list-style-type: none"> Landscaping on hold pending design Platform 1 and 2, and concourse - Electrical high-level containment completed GST works completed Rectification and painting of external finishes to concourse completed Tactile rectification works completed <p><u>Wiley Park</u></p> <ul style="list-style-type: none"> MSB – Fit-out and drainage works continued Security fence and segregation fence installation continued Platform and concourse building refurbishment works continued; high-level containment works continued Concourse glazing continued Elevator commissioning continued <p><u>Dulwich Hill:</u></p> <ul style="list-style-type: none"> GST installation at Wardell Bridge and Kays Avenue completed Lift 1 and 2 truss installation complete Stair 2 steel installation completed; Stair 3 concrete pour complete URX Access ramp complete Anti-climb mesh completed Piling for GST bridge complete Installation of the pedestrian bridge commenced, with crane lifts completed Hoarding installation completed Relocation of feeder and pole installation ongoing MSB – brickwork installation had commenced Kiss and ride work commenced, and shelter and concrete works were completed. Electrical works pending. <p><u>Campsie:</u></p> <ul style="list-style-type: none"> MSB – Blockwork installation continued Station room ceiling removal complete, cable containment completed Platform 2 - PSD ducting works ongoing Platform 1 – PID & DEC footing commenced FRP for understairs fence footing completed GST Works – underbridge city end completed GST Dropper HV completed 		

Punchbowl:

- MSB – Fit out continued
- Concourse ceiling and glazing works completed
- Concourse roof works ongoing
- Platform lighting completed
- Platform furniture installed
- Cable pulling completed
- PSD Containment installed
- Demolition and concrete pour of the footpath in South Plaza is complete
- Elevator commissioning continued
- Stair 1 & Concourse balustrade works completed
- GST troughing works completed.
- Preparation for MSB transformer installation is ongoing.

Key Construction Activities Look Ahead

- Landscaping for station Plaza(s) and MSB areas
- Planning, coordination and monitoring the OOHW (WE19 4-6 November; Shutdown 5 24 December 2022-13 January 2023).

ER Inspections

There were two ER inspections conducted for HBW and DCP on 12 and 26 October 2022. The key issues raised during the inspections were:

All Stations

- Minor erosion and sediment control maintenance and minor tracking of post-rainfall events

Photos



Dulwich Hill: Installation of the pedestrian bridge, stairs and lift shaft.





Campsie: MSB structural steel and access gate



Punchbowl: Installation of concourse canopy and lift



Hurlstone Park: MSB and transformers.

	
Belmore: MSB – well stabilised	Wiley Park: MSB drainage in clean condition
Endorsed Document/s	
<ul style="list-style-type: none"> OOHWA Shutdown 4 (modification) OOHWA Dulwich Hill Concrete Works (pedestrian bridge floor slabs) OOHWA Campsie Night works (Concourse installation works) OOHWA WE19 Possession (Rev B – note superseded by Rev C endorsed 3/11/22) MAFF Punchbowl Station temporary facilities 	
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 DCP and HBW.</p>	
<p>The ER is aware of no non-compliances for the month and 12 complaints relating to DCP and HBW works. There were no incidents reported to the ER under condition A36 of SSI 8256.</p>	
<p>The complaints are summarised as follows:</p>	
<ul style="list-style-type: none"> There were four complaints that were not related to Downer's work including requests for AA post-holidays, Council works and an unknown generator at night that was not related to Metro activities. One noise complaint from Hurlstone Park from a resident returning home during their AA period. One complaint about sediment in the gutter at Hurlstone Park (noted to be a sandbag that had been run over). One complaint on the banner mesh at Hurlstone Park (noted to be mesh on MSB scaffolding). One noise complaint from a new homeowner requesting receptor-based mitigation at Hurlstone Park. One worker's behaviour complaint at Hurlstone Park (worker barked at a dog). One worker's behaviour complaint at Dulwich Hill (moved bins to park vehicle) One noise complaint at Dulwich Hill (noted resident returned home after being away for six weeks and missed notifications). One parking complaint from Wiley Park. 	
Audits	
<p>No ER involvement was requested in audit activity including Independent Environmental Audits.</p> <p>An Independent Environmental Audit report of the CTMP undertaken on 30/08/2022 was submitted to DPE on 26/10/2022.</p>	
ER Closing Comments and Looking Forward – Core Focus Areas	
<p>The ER discussed potential environmental issues with Downer throughout the month, in particular preparation for rain events and upcoming possessions over WE19 (5th to 7th October) and Shutdown 5 (24 December 2022 to 13 January 2023). Community and contractor construction fatigue is an ongoing issue for the project, with the ongoing reduction in scope due to industrial action outside of Sydney Metro's control.</p> <p>It is proposed that landscaping works may commence over the next month, however, the availability of landscaping supplies has been raised as a potential delay due to recent flooding in NSW.</p> <p>Looking forward:</p> <ul style="list-style-type: none"> Continued implementation checks for CEMP and sub plans, focusing on ESC and community impacts Finalise Compliance Tracking Q2 2022 review and endorsement, commence Q3 2022 review. Coordination meetings with Sydney Metro and contractors for OOHWA. 	

14. Sydney Metro Retained Obligations (SM) /Other

Project Approval	Contract Package	Environmental Representative/s
SSI 7400 (C2S) SSI 8256 (S2B)	Sydney Metro Retained Obligations (SM) /Other	Jo Robertson
Key Construction Activities		
SM	The ER is not aware of any CSW related SM construction activities other than as referred to on a package basis above.	
ER Inspections		
SM	▪ Nil	
Endorsed Document/s		
SM	Compliance Tracking Program Updates were finalised during October as marked. ▪ CSW SM Retained Obligations Q1 and Q2 - Chatswood to Sydenham ▪ CSW SM Retained Obligations Q1 and Q2 - Sydenham to Bankstown Updated submissions were received for review by the ER in relation to Sydney Metro retained obligations. (Q3 and Q4 2022 for both Chatswood to Sydenham; and Sydenham to Bankstown)	
Non-compliance/ Incidents or Repeat Complaints		
Sydney Metro has been providing summaries of complaints to DPE daily and a summary to the ER. Responses to each complaint have been noted in each complaint report, with follow up actions often defined in revised reports. Key or repeat items of note are discussed below for the respective projects. There were no non compliances or incidents raised by the ER against Sydney Metro for the period.		
Audits		
SM	Sydney Metro is working with the Independent Auditor to deliver the audit program in accordance with the Compliance Tracking and Monitoring Program Report (Rev 2.5). The ER understands that this is ongoing. Currently there is an Independent Environmental Audit (IEA) underway of the Crows Nest ISD contractor and Sydney Metro’s compliance with community consultation and out of hours works requirements.	
Looking Forward – Core Focus Areas		
SM	Sydney Metro is planning an OOHW Lessons Learnt / forward planning workshop with the Southwest Metro PCs, in response to recent observations of highly conservative noise models used in applications. This should be delivered ahead of the Xmas shutdown.	

15. Statement of Limitations

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