

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

7 December 2022
Ref: 170108-ER_DPE November 2022

Dear Rob

RE: Sydney Metro City & South West – ER Monthly Reports for November 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 **November 2022**.

Yours sincerely

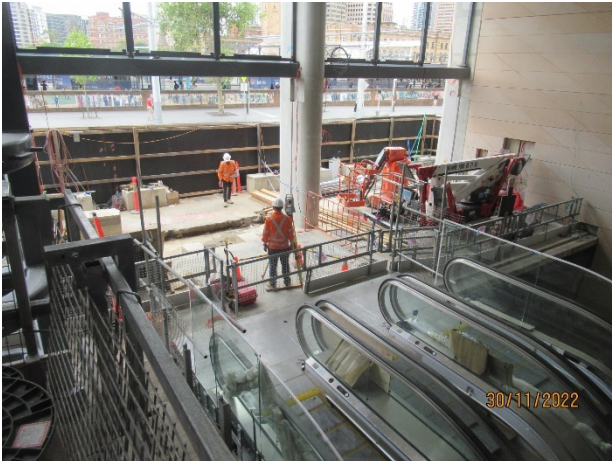

Jo Robertson
Environmental Representative



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

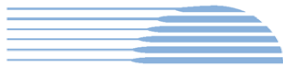


1.	Central Station	3
2.	SSJ	5
3.	Line Wide (Tallawong to Bankstown)	7
4.	TSOM	15
5.	ISD – Crows Nest	16
6.	ISD – Pitt Street	20
7.	ISD – Waterloo	24
8.	ISD – Victoria Cross	28
9.	ISD – Martin Place	31
10.	Barangaroo Station (BESIX Watpac).....	33
11.	Sydenham to Bankstown Sydney Metro Corridor (SMC) and Bankstown Early Works (BEW) & Additional Corridor (BAC)	38
12.	Marrickville, Canterbury & Lakemba Station Upgrades (MCL)	42
13.	Hurlstone Park, Belmore, and Wiley Park Station Upgrades (HBW) and Dulwich Hill Campsie and Punchbowl Station Upgrades (DCP) (Downer).....	46
14.	Sydney Metro Retained Obligations (SM) /Other	50
15.	Statement of Limitations	51

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 – Handover of Platform 12 to Sydney Trains for use by the public. Waterproofing and tiling to be completed on Platform 15. Ongoing fit out activities for the Chillers and Ventilation Building. Fit out of Metro Platform and other levels. Waterproofing and installation of ballast on the Traffic Deck completed. OSD continues to be operational with most of the Metro Box area draining to the OSD with is connected to stormwater. ▪ Central Walk – Opening of south side of the Central walk and some of the north-south concourse for public while works are completed on the northern side. 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. ▪ 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. Reduced activities due to reduced works n the project. ▪ Northern Concourse – Ongoing works at intersection of Northern Concourse and Metro Box area. ▪ Eastern Entrance – Ongoing fit out and general construction activities. Installation of escalators continued. Ongoing use of the footpath within the site hoarding in front of the site on Chalmers Street. ▪ Devonshire Street Tunnel - In operation and used by commuters. ▪ CSR works Rail Institute – Works completed. Barriers in place for access. ▪ 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 were two ER inspections conducted during the reporting period on 9th and 11th November 2022. Issues raised during the inspections included:</p> <ul style="list-style-type: none"> ▪ Calibration of noise logger on Randle Lane; ▪ Secondary containment of chemicals; and ▪ Litter around the barriers at the Rail Institute Building. 		
Photos		
		
<p>Eastern Entrance: Chalmers Street entrance with hoarding outside the footpath.</p>	<p>Eastern Entrance: Escalator installation</p>	

	
<p>Northern Concourse: In use by public</p>	<p>Platform 12: Handed over to Sydney Trains for operational use.</p>
	
<p>Metro Station Deck: Ongoing fit out works.</p>	<p>Platform 14: Waterproofing and tiling of the platform surface.</p>
<p>Endorsed Document/s</p> <ul style="list-style-type: none"> Nil 	
<p>Non-compliance/ Incidents or Repeat Complaints</p> <p>Sydney Metro has been providing summaries of complaints to DPE daily as well as to the ER. No complaints were reported to have been received during the reporting period relating to the Central Station works. No Incidents were reported that would trigger reporting under Condition A41 and no non-compliant events were reported or observed by the ER. Two minor incidents comprising an oil spill and sewage spill were reported under the Sydney Metro Incident reporting system. Both spills were contained on site and managed effectively.</p>	
<p>Audits</p> <p>There were no audits conducted during the reporting period.</p>	
<p>Summary of Environmental Performance</p> <p>Good environmental performance was generally observed, noting no incidents reported and only low risk issues identified during inspections.</p>	
<p>Looking Forward – Core Focus Areas</p> <ul style="list-style-type: none"> 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: Handover to Portuguese Club pending materials to complete boom gate ▪ 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 (stabling tracks), including buffer stops at Sydenham Station complete. 			
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 			
ER Inspections			
<p>There were no ER inspections conducted by the ER in November 2022 due to limited activity and low risk. 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 November 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 November 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 November 2022 that could be attributed to the SSJ works. 			
Audits			
<p>No ER involvement in audit activity including Independent Environmental Audits.</p>			

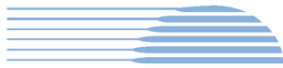
**Summary of Environmental Performance**

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.

It is noted that handover items may be on hold for longer than anticipated pending signing of the next contract for BAC. This is because some of the laydown areas may be handed over to BAC, which can't be confirmed/finalised until the contract is awarded.

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

- WE19 possession completed – reduced scope only
- Minor Delkor Plate rectification works
- Brand St – Drainage crossing works completed. Only line marking remains.

Chatswood Dive Site

- Façade panel installation largely completed for Northern Dive Building
- Northern Dive energisation completed
- Concrete removal works, earthworks and landscaping works scheduled to commence

Valetta Lane (possession related use) – Clean-up works

Artarmon Traction Sub-station (TSS) and BPS Works Site - TSS energised; commissioning works.

Blues Point – Streetscaping works:

- Paving works and installation of raingarden ongoing
- Electrical works for street lighting
- Finishing works on footpath along Henry Lawson Ave

Barangaroo Laydown Area - cable drum storage ongoing

SW Corridor Traction Substation sites

Operation of compound and laydown at Belmore Compound

Dulwich Hill TSS

- 630 Pkg CSR works
- Electrical fit out works ongoing

Canterbury TSS

- Electrical fit out works in progress
- Drainage works completed by JHLOR contractor. JHLOR contractor demobilised from site.

Campsie TSS

- Grouting of façade panels
- Internal TSS works – Terminations and commissioning works

Lakemba TSS

- Electrical fit out scheduled within TSS buildings

Punchbowl TSS

- Internal TSS works – Cable containment, energisation of LV boards
- Preparatory works for installation of remainder of façade panels under OOHW#269 commencing on 30 Nov 2022.

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) – SC Reports that conduit cleaning and CCTV investigation is scheduled at Gould St and South Parade Joint Bays. Occasional dewatering of Joint Bays during Standard Construction Hours continuing, as required.

Southern Dive & SMTF South Marrickville:

- Operational WTP - internal mechanical pipe work and electrical testing and commissioning ongoing
- Administration and Maintenance Buildings - mechanical and electrical fit out works continuing
- Landscaping works continuing
- Stabling Yard – OHW, walkway and pit installation works
- Fire Pump Room – extension of plinth, excavation of subsoils
- SSJ Area – paver installation works at future carpark

**Surry Hills BPS works – Frog Hollow Reserve and Randle Ln**

- Frog Hollow Reserve – grass trimmed
- Randle Ln Joint Bay – SC reports cable installation and jointing works completed
- Belmore St Joint Bay works scheduled - fault at Belmore St joint bay had been determined and SC awaiting material to continue works

Key Construction works/activities Look Ahead

Look-ahead of upcoming activities /works:

- CR Q3 2022 reporting/ review process
- Construction Monitoring Report review (Mar 2022 – Sep 2022)
- Cap and containment remediation works at SMTF South site (in proposed internal access road area)
- Blues Point streetscaping/enhancement works continuing during Standard Construction Hours along Blues Point Road and Henry Lawson Avenue – scheduled between Jul 2022 with completion by Q4 2022.
- Surry Hills BPS Upgrade – Essential cable replacement works (during Standard Construction Hours until mid-December 2022) between Belmore St and Ausgrid substation (including reopening Frog Hollow Reserve) and further testing.
- Surry Hills BPS - Contingency OOHW for dewatering (weather dependant) Belmore St Joint Bay (until 17 Dec 2022).
- Canterbury to Campsie BPS works – Contingency OOHW for dewatering (weather dependant) BPS joint bays with anticipated completion in mid- February 2023.
- SMTF S - Early investigation works of utility services to determine the location of existing underground services, including road excavation and surveying.
- OOHW – Install of Padmount Transformers at Canterbury Station [10pm (08/12/2022) – 6am (09/12/2022)]; Fibre cabling between Belmore to Bankstown [night works (Mon- Fri) to be completed by 17/12/2022]

ER Inspections

There were four ER inspections conducted by the ER in November (8/11/2022, 15/11/2022, 22/11/2022 and 29/11/2022). Key new actions/notes raised are summarised below, with actions/notes either closed out/ in the process of being closed out by SC:

SW Corridor Traction Substation sites - ER Inspection #133 and #136 – 8/11/2022 [Tuesday; Rainfall (mm) recorded prior to inspection day – 0.0mm – 7/11 and 6/11 and 0.2mm on 5/11] and **29/11/2022** [Tuesday; Rainfall (mm) recorded prior to inspection day - 7.4mm on 28/11, 0.0mm on 27/11 and 26/11]:

- Canterbury TSS: Discussed minor housekeeping (removal of waste /redundant signage/ damaged sediment bags) required along section of batter on Hutton St side.
- Canterbury TSS: Note raised requesting photos of new coir logs installed as part of refreshing/maintenance of sediment controls at site access/egress.

SMTF South and BPS works - ER Inspection #134 - 15/11/2022 [Tuesday; Rainfall (mm) recorded prior to inspection day - 31.2 mm on 14/11, 0.0mm on 13/11 and 12/11]:

- SMTF S - Sydney Steel Road / Edinburgh Rd: Minor tagging observed on section of unbranded blue shade cloth installed along section of Sydney Steel Road and on hoarding (near Gate E1).
- SMTF S - Gate 6 (Edinburgh Rd): Note raised requesting evidence of sweeper addressing some tracking at Gate 6 (Edinburgh Rd) as part of its routine schedule.
- Belmore St Joint Bay worksite – Note raised and complaint recorded by SC (ID # 4219 – 15/11/2022) in relation to Community member approaching the ER inspection team during the inspection to raise concerns about the size of the site compound. Refer Complaint Section of this report for further detail, resolution and response to complainant.

Northern Sites and Barangaroo Laydown Area - ER Inspection #135 - 22/11/2022 [Tuesday; Rainfall (mm) recorded prior to inspection day - 0.0mm – 21/11, 0.8mm - 20/11 and 0.0mm 19/11]:

- CDS – Logistics Shed and Storage Yard: Pedestrian walkway to Logistic Shed was noted to contain some rubbish that required removal (potentially wind-blown).
- CDS: Minor tagging observed on site hoarding at the time of the inspection.
- Barangaroo Laydown Area: Observed some dust from central portion of SC's laydown area during windy conditions. Discussed dust suppression measures in place at laydown area. SC requested for a water cart to be deployed, during the ER Inspection and stopping of works/plant movement due to windy conditions.



Photos



Northern Connection: Brand St drainage crossing works completed with line marking works remaining.



Northern Connection: Drake St – new paving installed near the site access and within the rail corridor



CDS - Access Ramp /Laydown Area: Dust suppression observed on access ramp and laydown area



Northern Dive: Commencement of acoustic panel installation along section of Northern Dive Wall



Dulwich Hill TSS: GST works progressing



Dulwich Hill TSS: CSR pit installation (Pkg 630 CSR works) underway



Punchbowl TSS: Partial façade installation works completed in WE19



Punchbowl TSS: Partial façade installation works completed in WE19



Blues Point Road – Streetscaping worksite: Paving works ongoing



Blues Point Road – Streetscaping worksite: Installation of raingarden ongoing



SMTF S - Future Carpark Area: Paver installation works underway for future carpark.



SMTF S – Stabling Yard: OHW works continuing.



SMTF S: Drainage and landscaping works have commenced along fencing.



Surry Hills BPS Works - Frog Hollow Reserve: Grass trimming completed. Sediment controls remain.



Surry Hills BPS Works – Belmore St Joint Bay: Noise blankets installed around generator (not operational at the time of inspection).



Surry Hills BPS Works - Randle Ln Joint Bay - SC reports cable installation and jointing works completed.

Endorsed Document/s

- CTR Q2 2022
- OOHWA - 256 HV and Fibre Cabling Marrickville WE19 Rev A
- OOHWA -268 Surry Hills BPS Belmore Street Joint Bay Dewatering Rev B
- OOHWA -215 Campsie BPS Joint Bay Dewatering Rev10
- OOHWA- 269 - Punchbowl TSS - Facade Completion



- OOHWA -272 - Fibre Cabling Belmore to Bankstown
- Construction Environmental Management Plan Rev 3 Final
- Air Quality Management Sub-Plan (MP) Rev 3 Final
- Heritage Management Sub-Plan Rev 3 Final
- Flora, Fauna and Biodiversity Management Sub-Plan C2B Rev 3 Final
- Waste, Recycling and Spoil Management Plan Rev 4 Final
- Soil, Water and Groundwater Management Sub Plan Rev 4 Final
- Construction Noise and Vibration Management Plan Rev 3 Final
- Visual Amenity Management Sub Plan Rev 3 Final
- OOHWA -268 Surry Hills BPS Belmore Street Joint Bay Dewatering - Rev.1
- OOHWA -270 - Canterbury Station Padmount Transformers Rev B
- OOHWA -265 Padmount Transformers Lakemba and Belmore

Non-compliance/ Incidents or Repeat Complaints

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

Two non-compliances raised against CSSI 7400 CoA C8 (CEMP and CEMP sub-plans must be implemented for the duration of construction; CNVMP Table 20 – Source Controls) and reported to the ER during this reporting period and summarised below:

- **14/11/2022 – NCR** (against CoA C8) - Surry Hills BPS (Belmore St) - The nightshift security guard for the Belmore St joint bay was idling their light vehicle inside the compound in the early hours of 14/11/2022. This led to a complaint, which was reported on 14/11/2022. A second complaint was received at 6:51 pm on the evening of 14/11/2022, caused by the same security guard idling their vehicle again. **Actions taken by SC** - security guard in question was removed from the Project; Subcontractor (Quickway) raised NCR and toolboxed crew on OOH requirements/procedures on 15/11/2022; additionally SC's Stakeholder Engagement Manager (SEM) personally attended Belmore St on 14/11/2022 around 8pm to speak to the security guard and vehicle idling requirements were reiterated by SC during pre-start toolbox meeting on 16/11/2022.
- **30/11/2022 – NCR** (against CoA C8)- Surry Hills BPS (Belmore St) – On the evening of 29/11/2022, a traffic control light vehicle belonging to subcontractor (Quickway) was idling and had its signboard lights flashing while parked adjacent to the site compound in Belmore outside of standard construction hours. This led to a complaint by a nearby resident, who at 8pm stated that the vehicle had been idling with lights flashing for two hours. Root cause on investigation attributed to human error, change made during the day to shift handover times from 6pm/6am to 8pm/8am (to minimise impact on community), resulting in additional traffic controller having to come in to cover shift. Sub-contractor (Quickway) raised NCR and key actions taken/to be implemented by SC and sub-contractor (Quickway) are summarised below:
 - Shift changeover times changed from 6m-6pm to 8am-8pm for Quickway personnel performing security duties, to minimise potential for audible conversations in early morning hours
 - Assignment of consistent set of Quickway employees for monitoring Surry Hills BPS sites during OOH.
 - All staff attending to sign-on to 'Expected Behaviours' sheet to communicate and enforce standard of behaviour
 - SC SEM briefed all Quickway staff one – on-one to educate /coach on how to deal with community members and reinforce requirements
 - SC SEM briefed full team on-site at prestart (2/12/22) on expected behaviours
 - Quickway discontinued services of previously engaged security company and has assumed internal responsibility for on-site security and traffic management
 - Quickway security and traffic control vehicles are to park in surrounding streets, avoiding Belmore St (TBC and parking arrangements to be advised) and enter Belmore St site via the Belmore Ln during OOH
 - WhatsApp group to be formed, specifically for OOH site monitoring for direct communication between Quickway management and site team
 - Furthermore, to manage the reduced number of parking spaces, Residents will be given the option to take up parking at the local Wilsons Carpark courtesy of the Project and also offered another round of one-off respite.

Incidents - There were no incidents for Line Wide reported to the ER under conditions A36 of SSI 8256. On 24/11/2022, one Class 3 event was reported to the ER/SM, DPE under A41 to A44 of SSI 7400 and EPA as courtesy at 3.23pm via the Pollution Hotline on 131 555 (reference number 17404), as summarised below:



- 24/11/2022- INC – Blues Point (Class 3 Event) - At approximately 2:02pm at the CSSI 7400 Line-wide Blues Point construction site, an excavator was moving spoil as part of the streetscaping and landscaping works. A very old (Sydney Water) pipe was burst during the works. The burst pipe may have occurred following the tracking of an excavator in the vicinity. It is assumed that the excavator movement has led to the pipe fracturing/shearing directly beneath the spigot. The pipe was in a dilapidated condition (probably over 100 years) and rusted, without the required depth of cover. Potable water from the broken pipe discharged through the work site and associated erosion and sedimentation controls (ESC) and via existing stormwater to outlet. Duration of the event was approximately 1 hour.
Immediate Actions taken by SC – Additional ESC deployed immediately - including geofabric, sediment bags, coir log, poly and a diversion pipe to divert clean water directly to stormwater pit; Sydney Water were phoned immediately and requested to urgently attend site to shut off water (arrived around 3:00pm and water was shut off by 3:07pm). Water quality sample collected from the beach area at 3:45pm for lab analysis (sample result was 6.1 NTU) and at approximately 4:00pm, field readings were taken of water quality in Sydney Harbour at the ferry dock location (NTU recorded was between 7.4 and 9.5 NTU).
The water pipe was repaired and further actions raised to review all ESC to confirm controls are appropriate for future works and development of a hazard alert fact sheet, for wider distribution to other teams as a reminder/learning opportunity to check contingency measures are in place. Event was not considered to have caused material harm to the environment.
- Complaints during this reporting period are summarised below:**
- 8/11/2022 - Surry Hills power upgrade - Consultation - General; Traffic, Transport & Parking – Complaint regarding insufficient notice received regarding the reopening of the joint bay at Belmore St and that more road parking had been removed than previously done before. Resident was informed that worker vehicles will park elsewhere and only essential vehicles will park on the street; site's footprint would be reduced to allow for more residential parking on the street and resident was requested to keep SEM informed about any further concerns around parking.
 - 9/11/2022 -Surry Hills power upgrade -Property access – Complaint regarding access to the front of the property (being renovated) made difficult because of the reopening of the joint bay pit at Belmore St. Summary update on further actions/resolution of complaint from 16/11/2022 – SEM had further discussion with resident on-site and offered AA for the duration of the work (resident declined this offer). RO offered as a gesture of goodwill as a one-off to impacted Belmore St residents in recognition of continuing works; SEM still to hear confirmation from resident accepting RO.
 - 10/11/2022 - Chatswood Dive Site – Noise and Vibration (OOH) - Resident complained about noise overnight affecting their sleep and that she people on-site hand moving materials. SC investigated with team on-site and determined they were moving and clearing materials on -site (as per OOHWA). Workforce briefed to reinforce the need to keep noise to a minimum when undertaking all work, including the moving of materials
 - 14/11/2022 – **2 x complaints** (4.41 am and 6.51 pm from same complainant) - Surry Hills power upgrade – Noise and Vibration (OOHW)/Worker Behaviour - Resident raised concerns about the noise from an idling ute within the construction compound at Belmore St (Surry Hills) at 4am in the morning. Same resident contacted the SEM directly (6.51 pm), regarding the same security guard returning to site leaving his ute's engine idling for a period of 40 minutes. In response to second complaint, SEM drove out to site to personally address the matter with the security guard. Refer Non -Compliance raised and reported above, including actions taken to address complaints.
 - 14/11/2022 - Northern Connection (Chatswood)- Resident advised that a large tree branch was found in front of their house, blocking footpath. Resident saw big trucks parked on the street in the morning before tree was damaged, alleging trucks were related to SC work in the area. Site team could not confirm if SC's truck caused the damage as (no rego plate or description of vehicles provided) and in addition, considering strong winds at the time. Council was contacted and confirmed tree branch would be removed within 2 days and outcome conveyed to the residents.
 - 15/11/2022 - Surry Hills power upgrade - Cumulative Impacts - Resident approached the ER inspection team during a routine inspection to raise concerns about the size of the site compound stating it is double the size compared to what it was when previously established. On further investigation by SC EM/SEM with Site Team, it was established that equipment storage was the reason the compound increased in size and the intent was to reduce footprint on the street and secure all equipment inside the compound safely. On 16/11/2022 compound size was reduced by the Site Team.
 - 15/11/2022 - Marrickville Dive Site & SMTF S – Worker behaviour - Complainant stated he was sprayed with water from a water truck while working on the corner of Edinburgh and Sydney Steel Rd. SC's Community Coordinator apologised to the complainant and explained the reason for the incident. Complainant thanked SC for follow up and accepted investigation outcome.
 - 16/11/2022 - Surry Hills power upgrade - Consultation (General) - Resident complained that there had been a lack of communication on the reopening of the joint bay pit in Belmore St. Prior to works commencing, SC undertook two doorknocks with 'Sorry I missed You' flyers, a notification flyer sent to the entire community and a respite letter. SEM



responded to the resident explaining that given how quickly the joint bay had to be reopened it necessitated short communication time frames. SEM apologised and reiterated that they were eligible to receive the one-off respite offer.

- 22/11/2022 - Northern Connection (Chatswood) – Air Quality - Resident raised issue with dust in the air coming from SC's site (Valetta Ln site). Water spray cart arranged for the duration of work. SC apologised to the complainant and explained actions taken. The resident appreciated the prompt response.

In addition to the two complaints raised by complainant on 14/11/2022 re idling utes at Belmore St – Surry Hills, below three complaints were also raised by the same complainant:

- 25/11/2022 - Surry Hills power upgrade - Safety – Construction - Resident videoed Belmore St construction site compound from their home and saw a worker standing under the arm of a digger as it was shifting sand from the back of a light truck into the joint bay pit. Video footage was reviewed by SC and briefing taken on the ground. It was established there was no failure to comply from a safety perspective. Site workers stopped work and were toolboxed around best safety practices on site and working around mobile plant. SEM conveyed this message back to the resident.
- 28/11/2022 - Surry Hills power upgrade - Worker behaviour - Resident raised concerns about a loud conversation at the site compound on Belmore St (around 6am Sunday morning). Site Supervisor confirmed that at that time, night shift security was swapping over with the day shift security on the Sunday and that was the only work ongoing. Site Supervisor committed to informing the contractors of the need to be mindful of residents and noise from loud conversations and would toolbox this matter on-site. SEM conveyed this message back to the resident
- 29/11/2022 - Surry Hills power upgrade - Noise & Vibration (OOHW)/ worker behaviour - Received sent video showing a traffic management ute (stationary) but running its engine and operating its flashing lights. This video was taken in the after-hours period, between 7.30-8pm but the resident indicated this behaviour had been ongoing for 2 hours. SEM was advised by the Site Supervisor at 9pm that the subcontractors were advised of the complaint and engine of the traffic management ute was shut off immediately. **Refer Non -Compliance raised and reported above, including actions taken to address this complaint.**

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

- 14/11/2022 - Surry Hills power upgrade – Consultation and Noise & Vibration (OOHW) - Resident raised concerns over email regarding work ongoing at Albion St and believed this was part of SC's work. SC SEM provided an email response to complainant that work referred to was on Albion St and were being undertaken by the City of Sydney. Complaint unrelated to SC works.
- 17/11/2022 - Northern Connection (Chatswood) – Noise and Vibration (OOH) - Resident complained about noise after hours and claimed it came from SC's site. On further review of site having little activity and being informed by the site personnel that Council was undertaking road works at the cnr of Pacific Hwy and Mowbray Rd; SEM informed the resident the work they heard during the afterhours was coming from road work by Council. They were encouraged to phone the Council and express their concerns to them. Complaint unrelated to SC works.

Audits

- Nil this reporting period

ER Closing Comments and Looking Forward

Key Points:

- All complaints received in reporting period are summarised above with two complaints unrelated to SC/SM activities.
- No complaints received from the Southwest Corridor works including from approved OOHWs in reporting period.
- Total of 9 complaints from Belmore St – Surry Hills BPS worksite relating to Consultation - General; Traffic, Transport & Parking; Property access; Noise / Worker Behaviour; Cumulative Impacts and Safety Construction. Of the 9 complaints, five complaints were from the same complainant.
 - ER notes actions implemented/raised by the Contractor to address complaints and associated non-compliances from further complaint investigation (summarised within this report for completeness)
 - ER also acknowledges SC taking into consideration ER/AA discussions /recommendations to address complaints. Specific examples include changing security company to address worker behaviour and offering alternative parking options to manage the reduced number of parking spaces
- Overall, the Project continues to generally perform well, with ER Inspections across this month identifying generally minor actions and improvements.
- The Project Team continue to be responsive to queries/comments raised in document reviews/discussions and recommendations made by the ER including complaint management (refer above) at Belmore St, Surry Hills BPS works.

Looking forward:

- Continue to monitor complaints at Surry Hills BPS worksites including Contractor's response/resolution to complaints
- Cap and containment remediation works at SMTF South site (in proposed internal access road area)



- Blues Point streetscaping/enhancement works continuing during Standard Construction Hours along Blues Point Road and Henry Lawson Avenue – scheduled between Jul 2022 with completion by Q4 2022.
- Surry Hills BPS Upgrade – Essential cable replacement works (during Standard Construction Hours until mid-December 2022) between Belmore St and Ausgrid substation (including reopening Frog Hollow Reserve) and further testing. Based on outcome of future testing and commissioning, SC may need to return to Surry Hills at a later date.
- Surry Hills BPS - Contingency OOHW for dewatering (weather dependant) Belmore St Joint Bay (until 17 Dec 2022). SC reports no OOHW dewatering undertaken till date.
- Canterbury to Campsie BPS works – Works scheduled to recommence in January 2023. Contingency OOHW for dewatering (weather dependant) BPS joint bays with anticipated completion in mid- February 2023. SC reports no OOHW dewatering undertaken till date.



4. TSOM

Project Approval	Contract Package	Environmental Representative/s
SSI 7400 (C2S) SSI 8256 (S2B) SSI 5931 (SMTF)	Train Service Operation and Maintenance (TSOM)	Swathi Gowda
Key Construction Activities During the Period (November 22)		
<ul style="list-style-type: none"> ▪ Tunnels: Ongoing installation of cables and trackside equipment in tunnels, Cross Passages (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: <ul style="list-style-type: none"> ○ Installation of radio mast at Canterbury and Lakemba ○ Testing and commissioning (T&C) at Campsie Traction Substation next week. ▪ 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 Platform Screen Doors (PSDs), communications and signalling equipment and cables ○ Sydenham: Platform Edge Barrier (PEB) defect work. T&C of PEBs and communications equipment. ○ Central: Ongoing installation of communications and signalling equipment 		
Key Construction Activities Look Ahead – December 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: Site inspection and survey works ▪ Southwest Corridor: No works planned ▪ 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, T&C of PEBs and communications equipment ○ Central: T&C of PSDs, and ongoing installation of communications and signalling equipment 		
ER Inspections		
<ul style="list-style-type: none"> ▪ No ER inspections conducted in November. 		
Photos		
<ul style="list-style-type: none"> ▪ N/A 		
Endorsed Document/s		
<ul style="list-style-type: none"> ▪ 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		
<ul style="list-style-type: none"> ▪ Nil 		

5. ISD – Crows Nest

Project Approval		Environmental Representative/s
SSI 7400 (C2S) No EPL	Crow's 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 and 1pours) ▪ 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) ▪ Disassembly of Tower Crane 1 and removal ▪ Installation of Tower Crane 3on Site B emergency stairs core ▪ Steel Truss deliveries ▪ Installation of steel trusses ▪ Girder deliveries for Hume Street Bridge construction ▪ Public domain work at Clarke street ▪ Slab and Wall pours ▪ Sydney Water work at Oxley St ▪ Earthing pit installation Clarke Lane South 		
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 + Oxley Street ▪ Piling works Site C 		
ER Inspections		
<p>There were two (2) ER inspections on 16 November 2022 and 30 November 2022 (ER inspections are on a fortnightly cycle weather and health permitting). The following issues were raised:</p> <ul style="list-style-type: none"> ▪ 16/11/22 - ATF fencing around Oxley Street utilities works west of Clark St should include screening and information required under CoA B10. ▪ 16/11/22 - Although Oxley Street utilities works west of Clark St disrupted access, signage and directions to business was not apparent. Adequate signage and directions to businesses must be provided before, and for the duration of, any disruption in accordance with CoA E86. 		



- 16/11/22 - At Clarke Lane North materials and plant are not stored in accordance with REMM LV1 and appear to be outside the construction boundary. These occurrences constitute Non-Compliances with Conditions of Approval (CoA) A18 and with REMM LV1. AWE to raise Non-compliance/s and prepare an NCR.
- 16/11/22 - Unbundled storage of Flammable liquids adjacent open stormwater drains was observed on Clark Lane south. AWE to provide adequate bunded temporary storage facilities.
- 16/11/22 - Road Saw in use within 5 m of receivers on Clark Lane south without noise mitigation measures in place. Practice of conducting highly noise intensive works adjacent receivers must be discontinued. A spot on noise management and highly noise intensive activities should be included in all toolbox briefings. AWE Environmental team to monitor appropriate noise mitigation measures are in place for all works.
- 16/11/22 - On Hume Street, although access was disrupted, signage and directions to businesses was not apparent. Adequate signage and directions to businesses must be provided before, and for the duration of, any disruption in accordance with CoA E86.
- 16/11/22 - Unbundled storage of flammable liquids adjacent open stormwater drains was observed on Clark Lane north. AWE to provide adequate bunded temporary storage facilities.
- 16/11/22 - Level 00 Site A - defective concrete from formwork blow-out being removed with jackhammers. Work is within 20 m of sensitive receiver, but no acoustic attenuation seen.
- 30/11/22 - The AA inspected installation of acoustic blankets and noted that they had been installed incorrectly, with absorptive surfaces facing out. AWE to provide evidence of toolbox talk, including additional training on correct installation of Acoustic blankets.
- 30/11/22 – Noted Increased active and collaborative engagement across all facets of the project, including the construction, communications, and environment teams, which was very encouraging to see. It relays a commendable effort on the part of the project to improve coordination and environmental performance.

Photos



Oxley St west of Clark St – ATF fencing should include screening and information required under CoA B10.



Clark Lane North – Materials and plant not stored in accordance with REMM LV1 and outside boundary.



Clarke Lane South - Road Saw in use within 5 m of receivers without noise mitigation measures in place.



Clarke Lane South – Unbundled storage of Flammable liquids

<p>View north from concourse to B1 to L1 elevation steel work in place</p>	<p>Clarke St looking north from Site C - Protection measures well implemented around trees</p>
<p>Site B looking south - Last perimeter wall FRP underway</p>	<p>Site B B2 to L00 elevation looking north: Precast girders placed at Hume St Bridge area</p>
<p>Site C along Clark St: Hoarding and protected walkway for Site C OSD under construction.</p>	<p>Site B platform level – Southern escalators B2 concourse in place.</p>
<p>Endorsed Document/s</p>	
<ul style="list-style-type: none"> ▪ Extension of approval of Clarke Lane minor Ancillary Facility to 1 February 2022 to align with extension to ROL ▪ OOHW 21 – Utilities Potholing on Oxley and Clarke Streets ▪ OOHW 22 - Evening dual lift of Concrete guiders into place 	
<p>Complaints / Incidents / Non-compliance</p>	
<p>Sydney Metro has been providing summaries of complaints to DPE daily and a summary to the ER. Responses to complaints have been noted in each complaint report, with follow up actions often defined in revised reports. Complaints are discussed where relevant for each package below.</p>	
<p>There were no incidents for any of the ISDs reported to the ER under conditions A41 to A44 of SSI 7400. Where the ER is aware of minor events and non-compliances, these are as documented below.</p>	
<p>Three (3) potential or actual non-compliances were reported to or identified by the ER:</p>	
<ul style="list-style-type: none"> ▪ 19 October – At the ER inspection the ER observed Storage of materials and equipment on Hume St footpath, outside the SSID boundary and outside hoarding/fencing, not compliant with REMM LV1 and A19. ▪ 16 November - At the ER inspection the ER observed Storage of materials and equipment on Clark St, outside the SSID boundary and outside hoarding/fencing, not compliant with REMM LV1 and A19. 	



- 17, 23 (two stakeholders) and 28 (two stakeholders) November – Five (5) Stakeholders complained about unexpected loss of access to car/ car parking (via Clark Lane). No notification nor information had been provided regarding these access restrictions, which constitutes a non-compliance with condition E86

There were eighteen (18) complaints during the period, as follows:

- 1 November– Noise. Utilities works by Jemina not part of project.
- 9 November–Evening OOHW noise. No works onsite at the time.
- 11 November– Evening OOHW noise
- 16 November– Safety, Worker behaviour.
- 17 November (9:20)– No access to building carpark off Clark Lane.
- 17 November (9:52)– Noise and vibration and impacts due to construction hours used.
- 18 November (13:04) – Noise and Vibration during respite periods. Under investigation for potential non-compliance.
- 18 November (14:57)– Noise and Vibration during respite periods. Under investigation for potential non-compliance.
- 19 November (11:31) – Truck near Crows Nest Station was driving recklessly. Not related to the project.
- 23 November (11:45) – No access to building carpark off Clark Lane.
- 23 November (14:48) – No access to building carpark off Clark Lane.
- 28 November (9:30) – No access to building carpark off Clark Lane.
- 28 November (12:30) – No access to building carpark off Clark Lane.
- 28 November (15:52) – Noise and Vibration
- 28 November (21:45) - Evening OOHW noise
- 28 November (21:45) – Night OOHW noise from precast girder deliveries on 27 November around 23:00.

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

Revision to CNVIS to reflect works on L0 and above and Ongoing Out of Hours Works

ER Closing Comments:

Communication issues between the community relations and construction personnel, and the environmental team seem to have been exacerbated this period as reflected by the various Non-compliances and the considerable increase in complaints relative to all previous reporting periods.

On a positive note, at the ER inspection and meeting of 30 November more active and collaborative engagement was observed across all facets of the project, including the construction, communications and environment teams, which was very encouraging to see. It suggests effort on the part of the project to improve coordination and environmental performance.



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		
<p>Pitt Street North</p> <ul style="list-style-type: none"> ▪ Tower Crane 2 removal ▪ Adit hole closure ▪ Escalator Monorail beam installed ▪ Castlereagh St loading dock in action ▪ Central Core established ▪ Forming Level 4 -4.5 walls ▪ Forming Level 6 Pour 5 ▪ Formed Level 5 Pour 1 <p>Pitt Street South</p> <ul style="list-style-type: none"> ▪ Stripping of formwork on level 05 ongoing stripping to levels 3 and 4 completed ▪ Installation of Façade Precast & GRC Panels to the Southern Elevation ▪ Installation of Bathurst Street Precast Panels to level 05 on-going ▪ Blockwork construction completed in basement levels with block-work progressing between levels 00 - 03 ▪ Fit-out works progressing thoroughly to Front of House (FOH) Zones on B04 ▪ Sandstone and glazing works commenced within the station entrance on street level in addition to level B04 <p>Adits and Platform Caverns</p> <ul style="list-style-type: none"> ▪ GRC (lower internal cladding) panel installation completed ▪ Installing cladding subframes above GRC panels ▪ Platform Screen door cladding ▪ Platform Screen door installation ▪ Services containments install to platforms ▪ Ceiling cladding installation 		
Key Construction/Activities Look Ahead		
<p><u>Pitt Street North</u></p> <ul style="list-style-type: none"> ▪ Escalator installation ongoing ▪ Level 5 and 6 Pours ▪ Tower Crane 2 removal ▪ L00 Adit penetration infills ▪ Formwork removal over escalator void <p><u>Pitt Street South</u></p> <ul style="list-style-type: none"> ▪ Stripping of formwork on level 05 and 6 ▪ Installation of Bathurst Street Façade Precast Panels to level 05 and 6 ▪ Blockwork construction between levels 00 - 03 ▪ Fit-out works to FOH Zones on B04 ▪ Sandstone and glazing works within the station entrance on street level in addition to level B04. <p><u>Adits and Platform Caverns</u></p> <ul style="list-style-type: none"> ▪ Terrazzo paver installation ongoing ▪ HV Cable pulling ▪ GRC (lower internal cladding) panel installation completion ▪ Platform Screen door cladding ongoing ▪ Platform Screen door installation ongoing ▪ Ceiling cladding installation 		



ER Inspections

There was one ER inspection on 15 November 2022 (ER inspections are on a three weekly cycle weather and health permitting). The following issues were raised during the inspection:

- It was noted that an EWP was operating with a standard movement alarm. CPB agreed to undertake an audit of plant alarms in elevated areas.

Photos



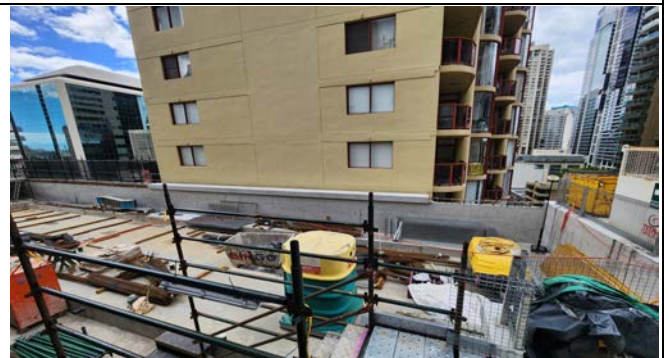
Pitt St South (PSS): Level 5 podium façade walls adjacent to Princeton Apartments.



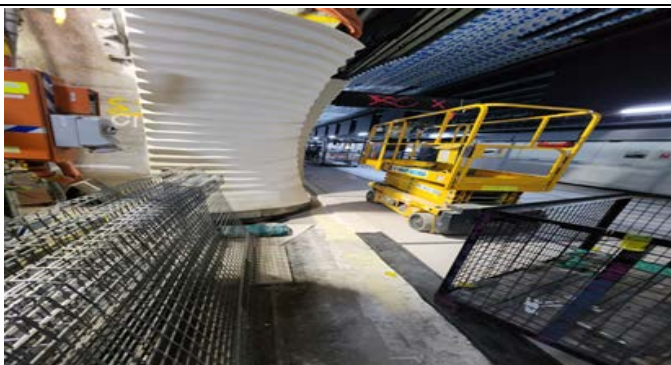
PSS: Escalator installation.



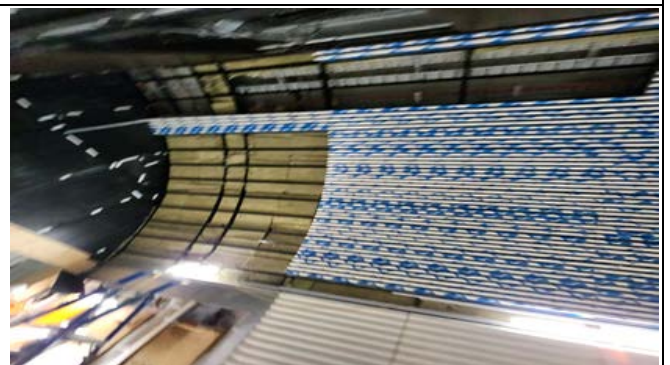
PSS Level 4 - EWP was operating using a standard movement alarm.



PSS Level 6 North west – FRP completed



East Adit: Platform Terrazzo paver installation commenced.



Southern Cavern: Ceiling cladding installation continues.



Pitt Street North (PSN): Level 00 Station Atrium.



PSN: Eastern L6 FRP



PSN south-eastern (Castlereagh Boutique Hotel) side : OSD level 6/7 Jumpform



PSN south-western side: Level 6 FRP

Endorsed Document/s

- OOHW 051 - Tower Crane Delivery and Installation PSS
- OOHW 052 - Tower Crane Dismantling PSN

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 eight (8) complaints during the period:

- 4 November (22:48) – Complaint from Kimpton Margot hotel regarding the noise from deliveries at PSS - loading/unloading of bins and materials is very loud. Not happy that deliveries were taking place on a Friday night and there was noise generated from metal-on-metal. Upon investigation CPB informed Hotel they will work with Kimpton Margot to minimise noise and impact on the hotel and its guests.
- 4 November (23:31) – Resident complained about noise from North site. Following investigation, CPBG determined that the source of the noise may have been cleaning areas on-site with a pressure washer completed before midnight CPB emailed the resident providing information on work hours, and the work that took place. CPM also provided a copy of the OOH community notification.
- 4 November (23:31) – Park Regis complained about noise from North site. Following investigation, CPBG determined that the source of the noise may have been cleaning areas on-site with a pressure washer completed before midnight CPB provide update on noise and advised it would be completed by midnight (in the next 15 minutes). Security Guard appreciated the update and for investigating the source of the noise..
- 18 November (12:26) - Resident advised of concrete splatter on balcony glass panels and metal façade. CPM texted the resident to advise that the concrete will be cleaned from her balcony ASAP, and texted the resident again to provide an update once cleaning was complete. Resident texted back thanking the CPM for actioning. CPB will increase physical measures on-site during OSD works to ensure concrete does not splatter onto a residential balcony.
- 19 November (7:50) - Resident heard metal grinding noise at 7am this morning and wanted to provide feedback on Saturday work hours (for the OSD extended hours proposal). CPB called the resident immediately to advise that the



team on-site are looking for the source of the noise. They are unsure if it is coming from the Pitt Street site or if it was coming from somewhere else. The resident said that he did not need a call back.

- 21 November (22:58) - Resident complained with concerns with the scaffolding near her property and noise from site. workers talking and making noise near her property. CPB are investigating the construction noise and also the scaffolding near the resident’s balcony. CPB spoke with the resident in the morning to discuss these points and advised that they are actioning it accordingly. CPM will provide the resident an update once she has investigated the resident’s concerns. CPB sent through the company details as requested by resident.
- 23 November (23:03) - Resident complained about excessive noise at PSS and would like to know when the noise will stop. Upon investigation CPB called the resident to advise that they are not doing any high noise activities, and the team are cleaning in the site. However, the Site Supervisor has said that there are other contractors working in Pitt Street doing some road/pavement works.
- 29 November (20:47) - Resident complained about noise during the night and requested information detailing upcoming construction activities for the project.. Upon investigation CPB emailed the resident to provide details around utility installation works, work hours and confirmed details from last night’s work. Also, detailed the mitigation measures in place for these OOH construction activities. CPM offered to add the resident onto their distribution list so he starts receiving weekly project email updates. CPM also attached a copy of the December 2022 overarching and out-of-hours notifications for the resident’s reference.

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 increased level of activity in surrounding public domain areas. The project are continual investigating alternative construction sequencing and approaches to ensure impacts from out of hours works are minimised.



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 24/11/22:</p> <ul style="list-style-type: none"> ▪ Utilities works ongoing Sydney Water scope and Botany Rd lighting (where possible during the day) ▪ Cranage works from Cope Street and internal site ongoing ▪ General deliveries ongoing ▪ FRP conducted from Surface Level to Level 2, Northern end and plaza ▪ Block work install and fill occurring across B3 and at Level 1 ▪ Fit out works and service installation across B5 and B3 South and Level 1 ongoing ▪ Electrical cable pulling in the station ▪ Capping beam removal – Northern end ▪ Demobilising site sheds and setting up new site sheds (North of the Church) ▪ Hoarding modifications 		
Key Construction/Activities Look Ahead		
<ul style="list-style-type: none"> ▪ Utility investigation and works ongoing in local roads around site, including OOH ▪ Capping beam removal – Northern end ▪ CTR Q3 2022 reporting/ review process 		
ER Inspections		
<p>ER inspections are on a three weekly cycle weather permitting. Two ER inspections were conducted by the ER on 3 November 2022 [Thursday; Rainfall (mm) recorded prior to inspection day - 0.6mm (2/11), 0.2mm (1/11), 0.0mm (31/10)] and 24 November 2022 [Thursday; Rainfall (mm) recorded prior to inspection day - 0.0mm (23/11) (22/11) (21/11)]. Following issues/actions were raised:</p> <ul style="list-style-type: none"> ▪ Cope St: Waterloo Road Closure – Cope Street signage to be updated to reflect appropriate Cope St closure dates. ▪ Wellington St: Noise mats fronting a portion of Wellington Street to be swapped around and some gaps observed between noise mats, to be addressed. ▪ Above Ground Service Building 1 (Southern end of Cope /Wellington St): JHG to further investigate, consider recommendation and respond to AA/ER if discrete area fronting Wellington St can be avoided during OOH (evening and particularly night-time period) and the existing white foam boards to be replaced with noise blankets. ▪ Noted some damaged sandbags near Construction Water Treatment Plan (WTP) requiring tidy-up/replacement. 		



Photos	
	
WL ISD: Above Ground Service Building 1 - Level 2 waterproofing works completed and blockwork continuing.	Wellington St/Cope St corner, WL ISD: Water Main works underway.
	
WL ISD - Northern Building: Final large concrete pour on Level 2 is scheduled in November depending on weather.	WL ISD - Cope St Compound: Cope St full closure implemented by JHG. Noise mats remain installed.
	
WL ISD - Northern Building: Absorptive panel installation on ceiling, to lower reverberant noise.	WL ISD: Plaza FRP works continuing.



<p>WL ISD – Concourse - Level B3: Commencement of facade installation works on Concourse Walls.</p>	<p>WL ISD - Platform - Level B5: Commencement of facade installation works above trackway.</p>
<p>Endorsed Document/s</p>	
<ul style="list-style-type: none"> ▪ OOHWA #46 - Botany Road Hydrant Works Rev C and C01 	
<p>Complaints / Incidents / Non-compliance</p>	
<p>Sydney Metro has been providing summaries of complaints to DPE daily and a summary to the ER. Responses to complaints have been noted in each complaint report, with follow up actions often defined in revised reports. Complaints are discussed where relevant for each package below.</p> <p>There were no incidents reported to the ER under conditions A41 to A44 of SSI 7400. Where the ER is aware of minor events and non-compliances, these are as documented below.</p>	
<p>One 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"> ▪ 22/11/2022 – Class 3 – WL ISD - Hydraulic Hose leak (~20L) during concrete pumping works on-site (hardstand, North of the Church). Washout tray placed beneath leak to contain the spill, spill kit materials used to clean up spill and contain. Mechanic out on-site to repair equipment. 	
<p>Complaints during reporting period are summarised below:</p>	
<ul style="list-style-type: none"> ▪ 08/11/2022 – Noise and vibration (out of hours work)- OOH noise from metal clashing and hammering. Further complaint investigation confirmed no hammering/metal clashing activities being undertaken on-site and that a scaffold was moved prior to complaint being received which was in the way of the work area (under approved OOHWA). The scaffold was relocated once, and no further scaffolding works completed in this area for remainder of the shift. S&CLM called resident and apologised for the disturbance and reconfirmed hotel booking for this evening for utilities work. 	
<p>Complaints unrelated to WL ISD/SM activities during reporting period:</p>	
<ul style="list-style-type: none"> ▪ 24/11/2022 – Noise & Vibration – OOHW – resident called to complain about noise and whistling. Complaint investigation noted fire alarm was going off in an adjacent apartment building on Cope St. Activities being undertaken in South area was all electrical (under approved OOHWA). Site hive data also checked no noise recorded at the time of call or within the next hour. S&CLM contracted resident to discuss the noise, explain what was happening on site last night, provided a construction update and advised next week the site would be shut for a long week of respite. Complaint deemed not related to WL activities. 	
<p>Audits (specific to packages reported in this report)</p>	
<p>No ER involvement in audit activity including Independent Environmental Audits.</p>	

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

- 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 – with only one Project related complaint.
- One complaint related to OOH noise on 8/11/2022. Reduction noted in complaint numbers in comparison to 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.
- During this reporting period, action was raised following ER/AA Site Inspection for JHG to further investigate, consider recommendation and respond to AA/ER if discrete area fronting Wellington St can be avoided during OOH (evening and particularly night-time period) – JHG provided a response to ER/AA in November 2022 of actions implemented.

ER notes community engagement sessions/initiatives reported and discussed by JHG below:

- Waterloo Community Team attended the Waterloo Outreach Program on 24 November 2022 to talk to residents and provide an update on construction.
- Next open Quarterly Community Connect Sessions (held at local café/business) to be held on 13 December 2022.

8. ISD – Victoria Cross

SSI 7400 (C2S) No EPL	Victoria Cross ISD (VC-ISD) Lend Lease	Swathi Gowda Michael Woolley
Key Construction Activities During the Period		
<p>Construction Activities - Update provided by Contractor on 16/11/22:</p> <p>VC North (VCN):</p> <ul style="list-style-type: none"> ▪ Level 4 concrete pour completed ▪ Plenum Level B02. ▪ Structural works within plenum, concrete pours/steel fixing/formwork (up to ground level) ▪ Fit out works and services within the shaft <p>Station Cavern:</p> <ul style="list-style-type: none"> ▪ Trackway handed over to Line Wide ▪ Blockwork and GRC panels installation ▪ Station fit-out <p>VC South (VCS):</p> <ul style="list-style-type: none"> ▪ Carpark slab (up to B00 – Ground Level)/station slabs concrete pours (B00), steel fixing and formwork ▪ Station Jumpform Level 4 ▪ Jumpform pours and lifts ▪ Waterproofing, blockwork 		
Key Construction/Activities Look Ahead		
<ul style="list-style-type: none"> ▪ CTR Q3 2022 reporting/ review process ▪ Denison Street stormwater work ▪ Review and endorsement of management plans (scheduled review) ▪ 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 		
ER Inspections		
<p>ER inspections are on a three weekly cycle weather permitting. One ER inspection was conducted on 15 November 2022 [Tuesday; Rainfall (mm) recorded prior to inspection day - 37.6 mm - 14/11, 0.0 mm on 13/11 and 12/11]. The following actions were raised:</p> <ul style="list-style-type: none"> ▪ Denison St - Stage 3 stormwater worksite: Install shade cloth in sections of worksite (along access gates on either end of worksite), where no noise mats are in place. ▪ Denison St - Stage 3 stormwater worksite: Maintenance of ESC on one drain required – i.e. removal of damaged sandbags and refreshing of ESC. ▪ Denison St, VCS and VCN site: Minor tagging observed on hoarding at Denison St Stormwater worksite, VCS site hoarding and VCN hoarding (Miller St) at the time of the inspection, to be addressed. ▪ VCS – Miller St: Discussed installation of drain protection for drain in proximity to work area where concrete deliveries typically occur. ▪ VCS – Carpark (viewing platform): Some rubbish noted near staircase of viewing platform for VCS – Carpark requires removal. 		
Photos		
		
<p>VCS – Carpark (Level B00): Concrete finishing works underway.</p>	<p>VCS - Station – Level: FRP works continuing. Station Jumpform at Level 4.</p>	



VCN – Level 4: VCN – Level 4 concrete pour completed.



VCN – Level 4: Form and reo work for vertical wall underway.



Station Cavern: Façade installation works progressing within Station Cavern.



Station Cavern: Façade installation works progressing within Station Cavern.

Endorsed Document/s

- OOHW 23 South Site Hoarding Installation Rev 2

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.



<ul style="list-style-type: none"> ▪ Nil incidents reported to the ER during this reporting period. ▪ One Non-Compliance reported to the ER during this reporting period and summarised below: <ul style="list-style-type: none"> - November 2022 - Complaints relating to OOHW were received on 3 and 21 November 2022 relating to VCS site from separate complainants (refer complaint details below). Audio from noise monitoring at the site showed minor construction activities commencing prior to 7am within the station jump form. Non-compliance raised against CoA E36, as the out of hours approval for the VC South site does not permit works prior to 7am. Actions raised/being implemented include updating relevant OOHWA to include measures to manage OOHW noise impact at the South site (i.e. station jump form hoist not to used prior to 7am, works not to take place at the top deck of the car park area adjacent to Denison St prior to 8am Saturday and Sundays, carpet to be installed under the drop plate at the internal hoist to help reduce noise impacts), communicating and toolboxing requirements with relevant personnel. ▪ Project related complaints during the reporting period are summarised below: <ul style="list-style-type: none"> VCN <ul style="list-style-type: none"> - 6/11/2022 – VCN – Noise & Vibration (OOH) and Worker Behaviour - Complaint received from resident regarding OOH noise from the north site describing noise as loud banging onsite at 6:15am followed by loud, infantile banter, on and off swearing from 7am. LL confirmed from investigation that there was no works or hoist activity before 7am on Sunday the 6/11/22. The timelapse camera further validated that there were no workers on the top suspended slab prior to 7am. Response provided to the resident outlining process to review resident’s concerns of overall noise and measures. Refresher toolbox to be implemented by LL to reiterate relevant OOHW requirements with personnel and carpet to be installed under the drop plate at the internal hoist to help reduce noise impacts. VCS <ul style="list-style-type: none"> - 3/11/2022 – VCS - Noise & Vibration (OOH) - Complaint received from resident regarding noise from OOHW and that it is ongoing until 10:00pm at night and they start at around 6:00am in the morning. Resident described the noise of metal-on-metal banging and feels she cannot get any respite. - 21/11/2022 - VCS - Noise & Vibration (OOH) - Complaint received regarding noise from the south site at 6:45am on Saturday 19/11/2022. Resident asking why works were being conducted on site before the notified 8am start time. Following further complaint investigation – actions raised/being implemented by LL to address both complaints are included under the non-compliance raised and summarised above. ▪ Complaints unrelated to SM activities for this reporting period: <ul style="list-style-type: none"> - Nil
<p>Audits (specific to packages reported in this report)</p> <p>No ER involvement in audit activity including Independent Environmental Audits.</p>
<p>Looking Forward – Core Focus Areas and ER Closing Comments</p> <p>Core Focus Areas</p> <ul style="list-style-type: none"> ▪ Denison Street stormwater work ▪ Investigation of capping beam removal methodology continuing (potentially using wire saw, where feasible) ▪ Continue to review/monitor OOHWs planned and approved and promote the inclusion of noise mitigation wherever practicable. - Victoria Cross South site – Ongoing OOH (evening & weekend) proposed to be extended to Jan – Mar 2023 - Victoria Cross North site – Ongoing OOH works (evening/ weekend OOH) proposed to be extended to Jan – Mar 2023 ▪ Continue to review/monitor complaint numbers and issues. <p>ER Closing Comments:</p> <ul style="list-style-type: none"> ▪ Three project related OOH noise complaints received during the reporting period. ▪ Project has performed generally well throughout the period and has been responsive to queries/comments raised in document reviews/discussions and recommendations made by the ER/AA in relation to the three complaints received in reporting period. Refer section on Non—compliance and Complaints for the reporting period.

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		
<p>Bligh Street:</p> <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 <p>Martin Place South (MPS)</p> <ul style="list-style-type: none"> ▪ Ongoing construction (FRP) of walls; columns, beams and floor slabs well above street level ▪ Other general construction activities ▪ Utilities and hoarding works (OOHWs) ▪ Ongoing use of new temporary pedestrian crossing of Martin Place between Elizabeth and Castlereagh Streets under B Class Hoarding. ▪ Removal of the former temporary pedestrian crossing bridge and commencement of FRP works in this area <p>Martin Place North (MPN)</p> <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 <p>Station Caverns and Adits</p> <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 ▪ General OOHWs 		
ER Inspections		
<p>There was one ER inspection conducted by the ER on 25th November 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.</p>		
Photos		
		
<p>Martin Place North: Views from street level on Castlereagh and Hunter Streets. SSI works extend up to Level 7. Installation of glass façade ongoing.</p>	<p>Martin Place North: View 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.</p>	

	
<p>Martin Place north: Escalator Installation</p>	<p>Martin Place temporary Pedestrian walkway: In use to allow removal of the pedestrian bridge</p>
	
<p>Caverns: Escalators installed to go to Martin Place.</p>	<p>Martin Place South: Concreting works ongoing</p>
<p>Endorsed Document/s</p>	
<ul style="list-style-type: none"> ▪ OOH 52 Rev 3 HV in Castlereagh Street and Community Agreement ▪ OOH 98 Ped Bridge removal ▪ OOH 96 Rev 3 Utility Works Castlereagh Street ▪ CNVMP Rev 18 	
<p>Complaints / Incidents / Non-compliance</p>	
<p>Sydney Metro has been providing summaries of complaints to DPE daily and a summary to the ER. Responses to complaints have been noted in each complaint report, with follow up actions often defined in revised reports. Complaints are discussed where relevant for each package below.</p>	
<p>There were no incidents reported to the ER under conditions A41 to A44 of SSI 7400 for Martin Place. Where the ER is aware of minor events and non-compliances, these are as documented below.</p>	
<p>There were two complaints reported to have been received by Lendlease during the reporting period. One related to damage to a private vehicle driving past the site; the other to noise from OOH Utility works.</p>	
<p>No non-compliances were reported to or observed by the ER during this reporting period for the Martin Place site.</p>	
<p>Audits (specific to packages reported in this report)</p>	
<p>No ER involvement in audit activity including Independent Environmental Audits.</p>	
<p>Looking Forward – Core Focus Areas and ER Closing Comments</p>	
<p>Nil</p>	



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

Civil:

Zone 1 (Main Site):

- Stormwater works, including sheet piling, trenching, pipe installation and backfill
- Excavation for western civil pit and trench to harbour connection commenced
- Stockpiling of imported tunnel spoil from Rozelle Interchange and Virgin Excavated Natural Material (VENM) from Balgowlah
- Water Treatment Plant (WTP) operation

Zone 2 (Shark’s Fin):

- Backfill continued; Form Reo Pour (FRP) of condensed water pits

Zone 4 (Hickson Road wall):

- Construction of ventilation pods along Hickson Road including waterproofing ongoing; Concrete pours ongoing

Zone 5 (The Cutaway):

- Pit installation and FRP ongoing for the condensed water system
- Excavation of pipe trench continued; installation of conduits and HDPE pipes; staged backfill

Zone 6 (Hickson Road, under bridge):

- Excavation out of hours (OOH) for installation of stormwater system along Hickson Road, adjacent to the acoustic shed and under heritage bridge

Station Box:

- Installing structural steel, scaffolding, concrete and blockwork
- 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; Platform Screen Doors (PSDs) installed, rail, sleepers and dewatering infrastructure.

Key Construction Activities Look Ahead

Zone 1 (Main Site):

- Mobilise 250T crane to site
- Installation of precast western civil pit and backfill before Christmas shutdown

Zone 2 (Shark’s Fin):

- Continuation of backfilling of the shark’s fin; FRP of stormwater pits and pipe installation
- Condensed water works

Zone 4 (Hickson Road wall):

- Concrete pours and construction of ventilation pods along the base of the Hickson Road wall
- Ventilation pod FRP; Strip scaffold

Zone 5 (The Cutaway):

- Installation of screw piles for High Voltage (HV) pit
- Backfill of condensed water trench once coring is complete

Zone 6 (Hickson Road, under bridge):

- Stormwater installation works at night subject to out of hours works (OOHW) approval

Station Box:

- Continue GRC installation
- Sandstone and sandstone framing installation
- FRP works to the station box
- Lift glazing installation
- Services, ductwork and cable containment installation ongoing (electrical, fire, hydraulics, security)
- Headland Park carpark works



ER Inspections

There was one inspection conducted by the ER in November 2022 (17/11/22). Issues raised and discussed were as follows:

- Stockpiles of builder's sand and imported tunnelling spoil were not covered, presenting a potential source of dust. A number of dust complaints have been made from a nearby resident so this issue should be monitored closely.
- Hardstand was covered with mud/dirt in some locations, including the area adjacent to the Shark's Fin, and the area leading to the Western Civil Pit. Excess spoil remained in one stockpile area after the stockpile had been removed. Accumulated material on top of the hardstand across the site poses a dust risk.
- Exposed disturbed areas remain a source of dust on the site.

Photos



Installation of the condensed water pit in the Cutaway was ongoing. Additional controls had been applied to the site boundary after sediment release was observed by Infrastructure NSW (INSW)



Additional measures have been recommended for implementation to reduce dust risk



Excavation for the western civil pit had commenced



The site access remained clean with minimal signs of tracking



The Water Treatment Plant and surrounds were maintained in good condition



Construction of ventilation pods under the Hickson Road wall was ongoing



Endorsed Document/s

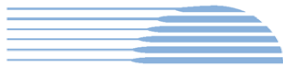
- OOHWA-011 - Hickson Road Night Works for Stormwater Installation, 11/11/2022



Non-compliance/ Incidents or Repeat Complaints
<p>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.</p>
<p>There were no incidents for Barangaroo Station reported to the ER under condition A41 of SSI 7400 for the period.</p> <p>There were two Class 3 incidents for Barangaroo Station reported to the ER for the period:</p> <ul style="list-style-type: none">▪ 7/11/22: Bedding sand in Zone 5 (The Cutaway) was being conditioned with water. A small quantity of sediment-laden water from the sand fines ran underneath the hoarding and onto the footpath around Nawi Cove. No water entered Sydney Harbour or the stormwater network. The water was observed by an INSW operative who notified the subcontractor working in the area, Ward Civil. The water and grey colouration was cleaned up with potable water and brooms, brushing it back into Zone 5. Sandbags were applied around the perimeter of Zone 5 as an extra level of control (previously only coir logs were in place).▪ 8/11/2022: On Basement Level 5 (B5), an interface contractor installing PSDs noticed a small (~100ml) hydraulic oil leak from the head of a vacuum lifter. Work was ceased immediately, and the lifter was put out of service and the spill cleaned up with a spill kit. No oil was discharged off-site or into the surrounding environment. <p>There were no non-compliances reported to the ER for Barangaroo Station for the period.</p> <p>The ER is aware of three complaints reported during November 2022 related to BESIX Watpac works:</p> <ul style="list-style-type: none">▪ ID 4188, 4/11/22 (reported 7/11/22): Complainant reported dust was all over the inside of her house and requested the site should be watered down. Dust controls were checked by the site team and the site was watered down on Saturday 5th November. Additional mitigation measures to reduce dust risk have been recommended by the ER and are awaiting implementation.▪ ID 4216, 15/11/22 (reported 15/11/22): Complaint received regarding noise during OOHW to complete stormwater utility works on Hickson Road, and about dust from site during high winds. Advised the stakeholder that the site was being regularly watered down and offered to attend her property to sight the dust. Provided another copy of the notification which has already been previously provided by letterbox drop, door knock and email. Noise monitoring results were reviewed and found to be below predicted levels. Project team have previously offered to visit the resident's property to discuss concerns and undertake noise monitoring at the residence. This offer still stands.▪ ID 4270, 27/11/22 (reported 28/11/22): Stakeholder emailed regarding noise from out of hours work on Sunday 27 November involving works to new stormwater drainage along Hickson Road, between 25 Hickson Road and Windmill Street Bridge. Noise monitoring results were reviewed and found to be below predicted levels. <p><i>It is noted that the above three complaints were received from the same complainant, located in a residence on Kent Street. The residence is raised above the project site and is not one of the nearest sensitive receivers to the project.</i></p>
Audits
<p>No ER involvement in audit activity including Independent Environmental Audits.</p>
Summary of Environmental Performance
<p>The management of stockpiles and waste classification remained an ongoing issue and in November 2022, with the ER and Sydney Metro still awaiting records requested to verify compliance with waste classification and hazardous waste transport and disposal requirements, as well as compliance with the National Environmental Protection Measure (NEPM). Conditions of approval and legislative requirements associated with site contamination and remediation are reportedly still in the process of being reviewed by the contractor's contamination consultant, though the results of the review and remediation approach has still not yet been communicated to Sydney Metro or the ER. This has been ongoing for many months.</p> <p>Improvements in the communication of upcoming works from the contractor to the environment team, including the ER and Sydney Metro were ongoing throughout November 2022, with 3 and 4 weekly lookaheads provided regularly for review. Incidents that occurred during the period were generally low risk and appropriate mitigation measures have been implemented to prevent recurrence.</p> <p>The BESIX Watpac Environment Manager has resigned and BESIX Watpac is in the process of recruiting a replacement, due to commence before the end of 2022.</p>

**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 and stockpiles
- 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"> ▪ Crews moved to close out CSR snag list - GST transitions, GLT dividers and droppers at various locations, e.g. Melford Avenue Hurlstone Park, Belmore Triangle, Loftus Street Campsie, and Stansfield Street Punchbowl ▪ Preparation for vegetation clearing; Preparation for throw screen installation on bridges at Albermarle Street, Loch Street, Moreton Street, Victoria Road; Survey works for segregation fencing; Stage 2 and 3 design review for security fencing. Planning for WE32 Possession (3-5th February 2023) ▪ CSR Pit dewatering throughout the corridor (approx. 40 pits) ▪ Canterbury Compound: Site offices and amenities, fuel and gas storage. Quenos pipe relocation to Canterbury compound ▪ Livingstone Road Bridge, Marrickville: Parapet removal ▪ Ewart Street, Dulwich Hill: Re-design of access to hi-rail ▪ Melford Street Bridge, Hurlstone Park: Materials storage pending commencement of segregation fencing and drainage works ▪ Hutton Street, Hurlstone Park: Stormwater pit FRP complete. Preparation for backfill and removal of shoring box ▪ Belmore Triangle, Redman Parade: Placement of visual mesh screening between the access track and residences. Not inspected ▪ Rosemount Street, Punchbowl: Relining of culverts <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): Building commissioning works. Preparation for handover ▪ Southern Down Platform: Defects only. Preparation for handover ▪ Stacey Street Bridge – Countryside, Bankstown: Works on hold pending further assessment of hydrodemolition <p>Bankstown Station & Additional Corridor (BAC):</p> <ul style="list-style-type: none"> ▪ Works on hold pending possession / contract negotiations 			
Key Construction Activities Look Ahead			
<p>Out of Hours Work:</p> <ul style="list-style-type: none"> ▪ Weekend 32 Possession (WE32) 3-5th February 2023 <p>Other:</p> <p>SMC:</p> <ul style="list-style-type: none"> ▪ Marrickville: Continue with brick parapet removal on west side., Livingstone Road bridge ▪ Dulwich Hill: Recommence construction of new access design for hi-rail, Ewart Street ▪ Hurlstone Park: Church Street bridge piles redesign approved; works scheduled to commence (pile installation and FRP of cap) ▪ Canterbury: (possession): Culvert and drainage works, Hutton Street ▪ Lakemba: Pit installation and pipe lining ▪ Punchbowl, Stansfield Ave: SW pipe lining to continue on this system during the second week in December <p>BEW:</p> <ul style="list-style-type: none"> ○ Nil. <p>BAC:</p> <ul style="list-style-type: none"> ○ Nil. 			



ER Inspections

There were two ER inspections conducted in November 2022 (4/11/22 and 28/11/22). Actions raised during the inspections were related to the following:

- Livingstone Road Bridge, Marrickville: Materials (including two portable toilets) were stored outside the rail corridor fence (but inside the project boundary); some materials were leaning against a tree.
- Ewart Street, Dulwich Hill: Litter (beer cartons and broken bottles) was observed at the bottom end of the site, likely to have been thrown over the fence.
- Melford Street Bridge, Hurlstone Park: Materials were stored very close to the brick wall of a resident's garage.
- Wairoa Street to Park Street, South Terrace: Shadecloth had come down in several locations along the boundary fence.

Photos



Material storage outside the corridor fence, Livingstone Road bridge, Marrickville



Materials stored close to private property, Melford Street Hurlstone Park



Parapet removal in preparation for throw screen installation, Livingstone Road Marrickville





Ewart Street, Dulwich Hill: Robust ERSED controls well maintained on slope to stormwater inlet



Maintenance of shade cloth was identified as an issue, which has since been rectified



Stormwater pit installation at Hutton Street, Hurlstone Park



Establishment of stabilisation measures along the culvert after tree removal, Bankstown Station



Culvert relining works at Rosemount Street, Punchbowl



MSB – Bankstown Station

Endorsed Document/s

- 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 SMC, BEW and BAC.</p>
<p>There was one non-compliance reported to the ER during the period:</p> <ul style="list-style-type: none">▪ SMC-NCR-030, 8/11/2022: Pre-construction minor works approval (PCMWA) 004 was prepared for 3 scopes of low impact activities as part of the Bankstown and Additional Corridor Work package (BAC) tender. The approval had expired and Scope 2: Utility relocation and connection - Bankstown CSR Works occurred without a linking approval beyond the expiration date 30/10/2022. The works were 'low impact activity' as defined in the project's applicable planning approval. A non-conformance for the low impact activity is raised against the framework from under which the works commenced, i.e. the PCMWA.
<p>There were no incidents reported to the ER under Condition A41 of SSI 7400.</p> <p>There were no Class 3 environmental incidents reported to the ER during the period.</p> <p>The ER is not aware of any complaints received during November 2022 related to the SMC_BEW_BAC works.</p>
Audits
<p>No ER involvement in audit activity including Independent Environmental Audits. JHLOR conducted an Internal Environmental Audit on 8/11/2022.</p>
Summary of Environmental Performance
<p>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.</p> <p>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.</p> <p>Track slab works planned to be constructed during the Christmas Possession under BAC have been put on hold and most works planned have been cancelled due to uncertainty around ongoing industrial action. 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.</p> <p>Review of proposed sites for use as ancillary facilities for BAC was ongoing during November.</p>
Looking Forward – Core Focus Areas
<ul style="list-style-type: none">▪ 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 (S2B)	Marrickville, Canterbury & Lakemba Station Upgrades (MCL) (HSEJV)	Brett McLennan
Key Construction Activities During the Period		
<p>Possession WE19 Completed (5-7/11/2022)</p> <ul style="list-style-type: none"> ▪ Out of Hours (OOH) Works for all stations. <p>Marrickville:</p> <ul style="list-style-type: none"> ▪ Screw Pile - Pile Cap FRP Country end completed ▪ Anti-throw screens station side mostly completed ▪ MSB fit-out ongoing ▪ City-end GST updates completed ▪ Construction of the shared user path ongoing ▪ Station containment router commenced <p>Canterbury:</p> <ul style="list-style-type: none"> ▪ MSB - continuation of service installation and utility connections ▪ Platform 0 and 2 fences are mostly complete ▪ Platform 2 CSR and stormwater are mostly complete ▪ GST brackets and containment city and country end commenced. ▪ Installation of lift landings 1 and 2 completed ▪ Installation of Lift 1 and 2 equipment commenced ▪ HV pit installation ongoing ▪ Installation of new bus shelters (Broughton Street) completed ▪ Plaza works ongoing <p>Lakemba:</p> <ul style="list-style-type: none"> ▪ MSB - internal fit-out and utility installation continued ▪ GST Installation continued ▪ Landscaping works near the station entrance ongoing ▪ Headwall installation for culvert completed ▪ HV pits completed 		
Key Construction Activities Look Ahead		
<p><u>All sites</u></p> <ul style="list-style-type: none"> ▪ Planning, coordination and monitoring the OOH WE30 (21-22/01/2023), Wk31 (30/1/2023-2/2/2023) and WE31 (4-5/02/2023). ▪ Continuation of high-level containment at all stations ▪ Continuation of MSB construction and/or fit-out at all stations ▪ Landscaping works <p><u>Marrickville</u></p> <ul style="list-style-type: none"> ▪ Temporary finish of SUP to allow re-opening (Final design pending) ▪ Radio mast earthing ▪ Minor LCR works ▪ Completion of anti-throw screens ▪ Station Street re-grading ▪ Landscaping <p><u>Canterbury</u></p> <ul style="list-style-type: none"> ▪ Station precinct works ▪ MSB cladding ▪ Lift commissioning works ▪ Complete fencing works ▪ Landscaping ▪ Upgrade Canterbury Road pedestrian footpath (OOH) <p><u>Lakemba</u></p> <ul style="list-style-type: none"> ▪ MSB fit-out and cable pulling ▪ Landscaping works 		



- Installation of hearing loops
- Ticket office upgrades
- GST installation
- Station roller shutter installation
- Fencing works

ER Inspections

There were two ER inspections conducted for MCL on 5 and 23 November 2022. The key issues raised during the inspections were:

All sites

- ER reminded HSEJV to implement dust control as sites start to dry out

Marrickville:

- Minor maintenance of ESC where controls were removed for works and areas where sediment fence was deteriorating

Canterbury:

- Construction of a new MSB access ramp required ESC to be implemented prior to the next rainfall event.

Lakemba

- Damaged sandbags required maintenance adjacent to a stormwater drain.
- Noted that MSB and compound had switched to mains power.

Photos



Marrickville shared user pathway



Marrickville MSB entrance



Canterbury MSB – New access ramp



Canterbury MSB drainage installation



Lakemba – MSB and ESC installed as required	Lakemba– lower Railway Parade compound
Endorsed Document/s	
<ul style="list-style-type: none"> ▪ OOHWA WE19 Final version ▪ OOHWA Marrickville contingency works and surveys on ARTC tracks (updated) ▪ OOHWA Canterbury footpath works ▪ OOHWA Canterbury moving materials (Updated) ▪ Minor amendments to ancillary facility approvals AF002 (6 Charles Street Canterbury) and AF003 (6 Broughton Street Canterbury) 	
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 two new NCRs for the month and three complaints relating to MCL works. There were no incidents for MCL reported to the ER under condition A36 of SSI 8256.</p>	
<p>The NCRs are summarised as follows: NCR043 – Spoil stockpiling country to ancillary facility approval at Canterbury NCR044 – Tree clearing without submission of tree report to DPE at Canterbury</p>	
<p>The complaints are summarised as follows:</p> <ul style="list-style-type: none"> ▪ One complaint at Marrickville for Ausgrid outage that was not related to HSEJV or Sydney Metro works ▪ One complaint at Canterbury for property damage where a traffic control sign was blown over in strong wind onto a parked vehicle ▪ One complaint at Lakemba related to parking 	
Audits	
<p>No ER involvement was requested in audit activity including Independent Environmental Audits.</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 has closed out all outstanding ER actions during November. It was noted that the site controls and communication continue to improve across the sites. Continued focus on ESC was a focus throughout the month, noting that while the sites remain wet after ongoing rain events, dust generation should be controlled when sites dry out. It is noted that construction fatigue continues to impact both the community and construction teams.

Looking forward:

- Continued implementation checks for CEMP and sub plans, focusing on noise and ESC
- CTR Q3 2022 review and endorsement
- OOHWA approvals
- Site shutdown procedures over the new year break



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

Possession WE19 Completed (5-7/11/2022)

- Out of Hours (OOH) Works for all stations.

Hurlstone Park

- Metro Services Building (MSB) –Cladding for MSB southern wall ~85% completed
- MSB piling works for chiller pads continued
- MSB transformers installed on pads
- Concourse pavers completed
- Track survey completed
- High-level containment works ~25% completed
- Concourse roof installed
- Segregation fencing works continued

Belmore

- Landscaping – plaza completed; the remainder of site commenced 30/11/2022.
- Platform 1 and 2, and concourse - Electrical high-level containment completed
- Ground Level Troughing (GLT) works in car park/corridor completed

Wiley Park

- MSB – Fit-out and drainage works continued, FRP for curve and gutter completed.
- Security fence and segregation fence installation continued
- Platform and concourse building refurbishment works continued; high-level containment works continued
- Platform Balustrade works ~85 completed
- Concourse glazing continued, and canopy works were completed.
- Brickwork for planter boxes commenced
- Landscaping works commenced

Dulwich Hill:

- MSB Brickwork completed
- Pad-mount construction prep works completed.
- GST outside corridor at Ewart Lane completed
- FRP for rainwater tank completed
- Precinct works (drainage and walkway) completed
- FRP for footbridge deck and central pier completed
- Relocation of feeder and pole installation completed
- High-level containment at the concourse and platform completed
- Kiss and ride work commenced, and shelter and concrete works were completed. Electrical works pending.

Campsie:

- MSB – Blockwork installation descoped.
- Concourse MEP, Rough-In Works - 90% completed
- GST at MSB - Ongoing ~20% completed
- Hydraulic Connections and works at platforms and in the rail corridor ~30% - complete
- Concourse Structural Steel New Canopy Works ongoing
- Station room aircon, bike room and shop 3 ~30% completed
- Canopy containment works ~90% completed
- Lillian Lane footpath ~50% completed
- Security fencing works ongoing
- Platform 2 - ducting works ongoing
- Platform 1 – footings ongoing



Punchbowl:

- MSB – Fit out continued
- MSB driveway completed
- Concourse ceiling/roof installation completed
- Concourse high-level containment works completed
- Concourse roof electrical works ~80% completed
- Platform fit-out ongoing
- Southern plaza construction ongoing, lighting installed.
- Elevator commissioning continued
- Preparation for MSB transformer installation is ongoing.
- GST accessories ~80% completed
- Cable pulling ~80% completed

Key Construction Activities Look Ahead

- Landscaping for station Plaza(s) and MSB areas
- Transformer installation (Punchbowl, Belmore and Dulwich Hill)
- Chiller installation (Punchbowl, Dulwich Hill, Belmore and Hurlstone Park)
- Planning, coordination and monitoring the OOHW WE30 (21-22/01/2023), Wk31 (30/1-2/2/2023) and WE31 (4-5/02/2023).

ER Inspections

There were two ER inspections conducted for HBW and DCP on 5 and 23 November 2022. The key issues raised during the inspections were:

All Stations

- Reminder of dust mitigation as sites dried out during windy conditions
- Minor ERSED maintenance and review of ESCP as sites progressed
- Use of tonal movement alarm at Hurlstone Park MSB.
- Odour mitigation for landscaping works.

Photos



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



Campsie: MSB security fence poles and transformers



Punchbowl: Installation of lighting in Southern Plaza

Hurlstone Park: MSB cladding installation



Belmore: Plaza landscaping works

Wiley Park: Concourse and plaza planter box construction

Endorsed Document/s

- OOHWA WE19 (Rev C)
- OOHWA Dulwich Hill Concrete Works (pedestrian bridge floor slabs)
- OOHWA Campsie Night works (Concourse installation works Rev B and Rev C)
- MAFF Belmore Station temporary facilities
- MAFF Dulwich Hill temporary facilities
- MAFF Hurlstone Park temporary facilities

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 DCP and HBW.

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.

The complaints are summarised as follows:

- There were three complaints from Dulwich Hill that were not related to Downer’s work or Sydney Metro activities
- Three complaints from Wiley Park, two related to contractor parking and one for odour
- Six complaints from Hurlstone Park (five from one stakeholder); one raised for dust, one for consultation, one for property damage (evidence of damage pending), two for worker behaviour and one for parking.

**Audits**

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

ER Closing Comments and Looking Forward – Core Focus Areas

The ER discussed potential environmental issues with Downer throughout the month, in particular preparation for ongoing rain events and the upcoming shutdown period over the New Year. Community and contractor construction fatigue is an ongoing issue for the project. As landscaping works commence, project environmental risks are reduced as areas are stabilised.

Looking forward:

- 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 OOHW.
- Review site risks and evaluate ER surveillance frequency.



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	<ul style="list-style-type: none"> ▪ 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). These documents are currently with the ER for review. ▪ Sydney Metro have advised the ER that the next Construction Compliance Report submission to DPE is imminent. ▪ Sydney Metro Communications Team presented to DPE about its involvement in the Community Out Programs and other “good neighbour” initiatives 	
Non-compliance/ Incidents or Repeat Complaints		
<p>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.</p> <p>There were no non compliances or incidents raised by the ER against Sydney Metro for the period.</p>		
Audits		
SM	Sydney Metro has reported that it will be working with Independent Environmental Auditor in the coming weeks to establish the Environmental Audit Program for 2023.	
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. The timing of this is now likely to be in the New Year.	



15. Statement of Limitations

Healthy Buildings International (HBI) has prepared this report in accordance with the requirements of Condition A24(l) of the Sydney Metro Conditions of Approval (CSSI 15_7400) and Condition A26(j) of the Sydney Metro Conditions of Approval (CSSI 17_8256). The report is for the sole purposes of Department of Planning Industry and Environment (DPIE) and Sydney Metro. It has been prepared based on generally accepted practices and standards at the time it was prepared. No other warranty, expressed or implied, is made as to the professional advice included in this Report. This report did not assess any aspects relating to safety.

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