

Mr Rob Sherry  
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Department of Planning Industry and Environment  
Locked Bag 5022  
PARRAMATTA NSW 2124

14 January 2022  
Ref: 170108-ER\_DPIE-December 2021

Dear Rob

**RE: Sydney Metro City & South West – ER Monthly Reports for December 2021**

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), and MOD8\_Blues Point Access Site (25 November 2020); 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 **December 2021**.

Yours sincerely

Jo Robertson  
Environmental Representative

Cc: Sydney Metro: Carolyn Riley, Fil Cerone, Ben Armstrong, Pam Tummers, Andrew Hendy, Dylan Jones, Tim Solomon, Ann Paterson, Julia Diamond, Chris Berg, Chris Dickson  
AA: Available on Sydney Metro Website  
Contractors: Available to Contractors on Sydney Metro Website  
DPIE Compliance: Portal  
DPIE Post Approvals: Available on Sydney Metro Website



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## 1. Central Station

Project Approval	Contract Package	Environmental Representative/s
SSI 7400 (C2S)	Central Station	Michael Woolley
<b>Key Construction Activities During the Period</b>		
<p>Works conducted during the reporting period included:</p> <ul style="list-style-type: none"> <li>▪ Excavating platform surface and retiling the northern and middle end of Platform 1</li> <li>▪ Installing new services within the Eastern Suburbs Railway (ESR) Concourse and within the 'ghost platforms', which will include moving and delivering materials to and around station</li> <li>▪ Diverting and removing existing services cables and installing new services cables in pedestrian tunnels, upper and lower Northern Concourse, ESR Concourse and Southern Concourse</li> <li>▪ Installing services within the rail corridor, near Lee Street substation, Darling Harbour Goods Line and Mortuary Station, and in the Railway Institute Driveway</li> <li>▪ Demolishing, scaffolding and concreting works within, and at the entry to an existing services room on the western side of the Eddy Avenue forecourt</li> <li>▪ Restoration works to the Central Electric Building station entrance on the Eddy Avenue forecourt</li> <li>▪ Delivering materials, services investigations, services diversions and relocations, surveying, monitoring around the station and using pedestrian tunnels.</li> </ul> <p>Metro Box – Truck movements; metro box ventilation. Ongoing construction activities for the Chillers and Ventilation Building. Ongoing installation of platform Canopies. Fit out of the Platform and other levels. Various FRP works. Completion of drilling for CSR bores. Installation of new groundwater system in area of former gasworks annulus. Working on top of the Metro box and in the yard for reinstatement of Tracks 13-14 including laying ballast, building overhead wire structures, installing drainage and new tracks, and working on the new canopies.</p> <ul style="list-style-type: none"> <li>▪ On the upper Northern Concourse, glazing, hoarding changes and removal, tiling, and finishing works.</li> <li>▪ Releveling and tiling Platforms 12-13.</li> <li>▪ Central Walk – Excavating for Central Walk complete for escalator voids. FRP works for columns, shotcreting. Fit out of escalators and facier panels.</li> <li>▪ Works within hoarded work zones on suburban Platforms 16-23 and platform surface excavation during rail possession weekends.</li> <li>▪ Sydney Yard - Water Treatment Plant Operation; truck access; laydown. Former stockpiling area being used for track assembly. Delivery of OSOM for station canopies ongoing.</li> <li>▪ Northern Concourse – Ongoing fit out works at intersection of Northern Concourse and Metro Box area.</li> <li>▪ Eastern Entrance – FRP for walls; floor slabs and columns inside the shaft. Works up to ground level.</li> <li>▪ Devonshire Street Tunnel- In operation and used by commuters.</li> <li>▪ CSR works Rail Institute – Compound area to support drilling of bores for CSR between Ghost Platform and Metro Box still being demobilised after completion of drilling works.</li> <li>▪ ESR Concourse - Ongoing use of the area for laydown and construction support. Fit out and other construction activities ongoing.</li> <li>▪ Ongoing construction of works related to the Eddy Av fire booster pump.</li> <li>▪ Ghost Platforms (above ESR Platforms 24-25) - Ongoing electrical and other fit out.</li> <li>▪ Possession during 26-30 December as well as other weekends in December.</li> </ul>		
<b>Key Construction Activities Look Ahead</b>		
<ul style="list-style-type: none"> <li>▪ Ongoing activities as described above</li> <li>▪ OSOM deliveries continuing</li> <li>▪ Ongoing planning for works in Randle Lane for the HV connection.</li> </ul>		
<b>ER Inspections</b>		
<p>There were two ER inspections (01/12/2021 and 15/12/2021) conducted during the reporting period. The key issues raised were:</p> <ul style="list-style-type: none"> <li>▪ Various drums were observed to be stored in areas without immediate secondary containment including: IBCs outside the bund at the WTP; Two 205 L drums on at the Metro Box; and A 20L drum in the Yard laydown area.</li> <li>▪ Workers were smoking while seated in chairs outside the crib room on Chalmers Street recently approved as a minor ancillary facility. The ancillary facility approval does not allow for a smoking area in the public walkway. This was discussed at the time of the inspection for immediate action.</li> <li>▪ Sydney Yard: The assembly area the area of the previous stockpile area had not been cleaned or re-surfaced, and</li> </ul>		



hence is a potential source of dust in dry weather or turbidity in run-off in wet weather. LOR to consider how the area may be treated to reduce the potential for dust generation or turbidity in runoff.

**Photos**



**Ongoing works in the Northern Concourse**



**Assembly of turnout for tracks on new platforms**



**General works in the Metro Box area**



**Fit out and façade placement for escalators to Platforms 16 and 17**

**Endorsed Document/s**

- Nil

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

Sydney Metro has been providing summaries of complaints to DPIE daily as well as to the ER. There were no complaints reported during the reporting period. No non compliances were observed by the ER or reported to the ER during the reporting period.

**Audits**

There were no audits conducted during the reporting period.

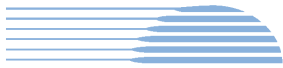
**Looking Forward – Core Focus Areas**

- Nil



## 2. Sydenham Station and Junction (SSJ)

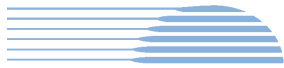
Project Approval	Contract Package	Environmental Representative/s
SSI 7400 (C2S)	Sydenham Station and Junction (SSJ)	Jo Heltborg
<b>Key Construction Activities During the Period</b>		
<ul style="list-style-type: none"> <li>▪ <b>Fraser Park Ancillary Facility:</b> Demobilisation commenced including removal of sites sheds, generators, storage containers and amenities.</li> <li>▪ <b>CSR Laydown Area:</b> Materials storage; Awaiting remaining GST and security fencing.</li> <li>▪ <b>Geotechnical Office Area:</b> No active works; Awaiting completion of fencing in the southern corner of the site.</li> <li>▪ <b>Sydenham Station / Development Area:</b> Spoil load out to Gateway Project from the Development Area complete. Demolition of concrete slab and asphalt layer. Low blockwork wall commenced between the site and adjacent industrial property.</li> <li>▪ <b>Secondary Plaza:</b> Asphaltting of the secondary plaza complete; TSOM site compound established.</li> <li>▪ <b>Sydenham Road:</b> Works complete and landscaping established. Site hoarding remained.</li> <li>▪ <b>11 Sydenham Road (including Garden Street):</b> Heavy vehicle ramp demolished. Asphalt removed from the Garden Street access. Installation of security fencing continued along rail line.</li> <li>▪ <b>Sydenham Pit and Pumping Station / Confluence Area:</b> Backfill of the high voltage (HV) pit adjacent to Retaining Wall 4 (RW4) commenced. GST planned to continue once the HV pit has been backfilled. Pumping Station handed back to Sydney Water, including responsibility for pump operation; to be followed by Sydenham Pit.</li> <li>▪ <b>Way Street Laydown Areas:</b> Materials removal had commenced to handback area to Sydney Trains.</li> <li>▪ <b>XPT Laydown:</b> Load-out of asbestos contaminated spoil stockpiles commenced. Slurry bins removed.</li> <li>▪ <b>Carrington Road Laydown:</b> No access due to Interflow pump out of sewer pump house. Spoil load-out to Gateway project continued.</li> <li>▪ <b>Bedwin Road:</b> Trackside fencing and handrail installation ongoing. Additional fencing, including solution for Edgeware Road apartments still under discussion.</li> </ul>		
<b>Key Construction Activities Look Ahead</b>		
<ul style="list-style-type: none"> <li>▪ Bedwin Road: Track security fencing</li> <li>▪ Confluence Area: Backfilling of RW4 ongoing</li> <li>▪ Sydenham Road: Spoil loadout to Gateway project continuing</li> <li>▪ Carrington Road and XPT Laydown Areas: Asbestos contaminated spoil loadout to Eastern Creek via Bingo</li> <li>▪ Geotech Area: Boundary fencing (corner of Sydenham Road / Marrickville Road)</li> <li>▪ Development Area: Demolition of concrete slab (11 Sydenham Road stockpile area)</li> <li>▪ Demobilisation of Fraser Park Ancillary Facility/site compound ongoing</li> <li>▪ Site shutdown over Christmas possession period from Fri 17/12 –Mon 10/01 (except for limited possession scope described below:</li> <li>▪ Fencing at Bankstown curve and Edgeware Road (day works only)</li> </ul>		
<b>ER Inspections</b>		
<p>There was one ER inspection conducted by the ER in December 2021 (07/12/2021). The key issues raised were:</p> <ul style="list-style-type: none"> <li>▪ Shadecloth had come away from some sections of the boundary fence with Edgeware Road apartments. A small section of graffiti was also observed on the shadecloth.</li> </ul> <p>Actions were raised for the above issues, and all actions were in the process of being closed-out by JHLOR.</p>		



Photos	
	
<b>Shade cloth had come away from some sections of the boundary fence with Edgeware Road apartments. A small section of graffiti was observed</b>	<b>Demolition of concrete slab, 11 Sydenham Road Development Area</b>
Endorsed Document/s	
<ul style="list-style-type: none"> <li>▪ Nil this reporting period</li> </ul>	
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 SSJ.</p> <ul style="list-style-type: none"> <li>▪ 20/12/2021: Resident complained of contractor ute parking on the nature strip at Edgeware Road, Enmore. The issue was raised with the subcontractor and resolved with the resident.</li> </ul> <p>The ER is not aware of any non-compliances for SSJ for 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 December 2021 that could be attributed to the SSJ works.</p>	
Audits	
<ul style="list-style-type: none"> <li>▪ No ER involvement in audit activity including Independent Environmental Audits.</li> </ul>	
Looking Forward – Core Focus Areas	
<ul style="list-style-type: none"> <li>▪ Management of ERSED controls generally</li> <li>▪ Review of spoil waste classification, beneficial reuse and waste tracking records</li> <li>▪ Completion of selected Conditions of Approval and REMMs</li> <li>▪ Completion of the SSJ CTR 2021 Q3 &amp; Q4</li> </ul>	

### 3. Line Wide (Tallawong to Bankstown)

Project Approval	Contract Package	Environmental Representative/s
SSI 7400 (C2S) SSI 8256 (S2B) SSI 5931 (SMTF)	Line Wide (Tallawong to Bankstown)	Swathi Gowda (North /South) George Kollias (Alternate ER)
<b>Key Construction Activities During the Period</b>		
<b>Key Construction Activities below, as reported by Systems Connect (Contractor) for Line Wide Works:</b>		
<b><u>SMTF North</u></b>		
<ul style="list-style-type: none"> <li>• Road 4 works progressing for completion</li> <li>• Awaiting commencement of soil assessment at Snake Mountain</li> </ul>		
<b><u>Northern Hub (Incorporating Chatswood Dive Site Northern Connection, Hopetoun Ave and Valetta Lane)</u></b>		
<b><u>Chatswood Dive Site (CDS)</u></b>		
<ul style="list-style-type: none"> <li>• Tunnels (Up and Down)- installation of mesh on walkway frame</li> <li>• Tunnels (Up and Down) - Installation of noise panels (for operational phase) on both walls continuing</li> <li>• Gantry shed (eastern side) modification underway</li> <li>• Spoil haulage scheduled from Northern Connection to spoil shed at CDS</li> </ul>		
<b><u>Northern Connection</u></b>		
<ul style="list-style-type: none"> <li>• Western Wall - steel mesh installation continuing</li> <li>• Bulking out spoil</li> <li>• Preparatory works underway for access ramp works in area, post recent rainfall</li> </ul>		
<b><u>Hopetoun Ave and Valetta Lane</u></b>		
<ul style="list-style-type: none"> <li>• Hopetoun Ave – concrete deliveries</li> <li>• Valetta Lane - no works</li> </ul>		
<b><u>Artarmon Traction Substation</u></b>		
<ul style="list-style-type: none"> <li>• Installation of facade panels on TSS continuing (Whiting St)</li> <li>• Installation of high voltage cables</li> <li>• Installation of cables under switch rooms and telecommunications room</li> </ul>		
<b><u>Artarmon BPS Excavation and Investigation Works Site – Carlotta St</u></b>		
<ul style="list-style-type: none"> <li>• No works (on hold). Not inspected.</li> </ul>		
<b><u>Cleland Road Ancillary Site</u></b>		
<ul style="list-style-type: none"> <li>• No works reported. Not inspected</li> </ul>		
<b><u>Blues Point</u></b>		
<ul style="list-style-type: none"> <li>• Acoustic shed demolition completed</li> <li>• Erected scaffolding removed from site</li> <li>• Backfilling of shaft underway (scheduled to be completed to ground level by 24th December)</li> <li>• Concrete deliveries</li> </ul>		
<b><u>SW Corridor Traction Substation sites:</u></b>		
<ul style="list-style-type: none"> <li>• Canterbury TSS: <ul style="list-style-type: none"> <li>○ Combined service route (CSR) works – excavation, conduit installation and backfilling continuing</li> <li>○ Mandrilling and roping scheduled</li> <li>○ Rocksawing/breaking, survey, material loadout and concrete pour scheduled</li> </ul> </li> <li>• Dulwich Hill TSS <ul style="list-style-type: none"> <li>○ Patching and joint scaling works continuing</li> <li>○ Backfilling works of SW Perimeter Walls</li> <li>○ Fence installation around substation and surplus spoil load out scheduled</li> </ul> </li> <li>• Campsie TSS: <ul style="list-style-type: none"> <li>○ Excavation for final section of conduits completed</li> </ul> </li> </ul>		



- Crane access completed along Northern wall of TSS (since last inspection)
- Modular Buildings - Installation of HV cables, trays and internal wiring continuing
- Core drilling
- Lakemba TSS:
  - Form reo pour (FRP) works continuing for CW6 walls /shutters
  - Concrete pour scheduled later in week
- Punchbowl TSS
  - Tree removal works along South Terrace completed for current scope of works
  - Excavation works underway for base slab of TSS
- Surry Hills – Central BPS
  - No works reported. Not inspected.
- Other ISD sites including Martin Place (Bligh St), Pitt St and Central
  - No work reported. Not inspected.

**Canterbury to Campsie BPS**

- Pat O’Connor (POC) Reserve - Minor repairs underway for cable bridge
- Pat O’Connor (POC) Reserve - Backfilling works, general housekeeping and clean-up of site scheduled
- Cooks Avenue – Minimal works reported. Not inspected

**Southern Dive & SMTF South Marrickville**

- Water Treat Plant (WTP) for operational phase – blockwork, scaffolding and steel fixing works
- Administration Building – steel install, patching of blockwork and general clean up works underway
- Eastern bypass area – concrete load out scheduled
- Maintenance Building – forming hobs and preparatory works for concrete pour underway
- Bin Area – form riser on stormwater pit
- Covered Shed – roof installed and clean up works underway
- Fire Control Building – forming hobs and steel fixing
- Stabling Yard – capping works continuing
- Stabling yard – sandstone trimming, load out of concrete and installation of Fire Main
- General works - housekeeping, dewatering and checking of pits
- Southern dive – blockwork continuing

**Key Construction Activities Look Ahead**

Look-ahead of upcoming activities /works:

- SMTF North – contamination investigation and completion of conditions for Line Wide scope of works through CTR Q4 2021 and Q1 2022 process
- Blues Point – restoration works, including the removal of concrete beams and pavements from site.
- Northern Connection Ancillary Facility assessment
- Campsie Bulk Power Supply Works (Canterbury) – continuation and completion of Joint Bay Dewatering and HV Cable Drying OOHWS
- Compliance Tracking Report (CTR) - commencement of Q4 2021 CTR review process for LWW

**ER Inspections**

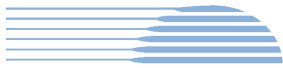
There were three ER inspections conducted by the ER in December 2021 (07/12/21; 14/12/21; 21/12/21). The key issues raised were:

**Canterbury to Campsie BPS - Pat O’Connor Reserve (Canterbury):**

**ER Inspection #94 21/12/2021**

- Tree protection and stabilised access to Minor Ancillary Facility (MAF) remains in place.
- No graffiti observed on shade cloth installed around MAF and cable bridge worksite (POC Reserve side).
- It was noted that stockpiles were either covered or in process of being covered (Ausgrid and POC Reserve side).
- Cable bridge worksite (Ausgrid side) - sediment fence remains in place along bridge worksite with batters largely covered to manage potential run-off.
- Cable bridge worksite (Ausgrid side) – SC informed the ER that top-soil had been placed recently in this area with





seeding works planned. Discussed additional controls with SC to address exposed top-soil section prior to the Christmas shutdown period in case of wet weather events. SC to further discuss works/controls planned and implement additional control on top-soil section. Action raised and closed within the Inspection Report.

- Cable Bridge worksite (Reserve side) - ESC controls remain in place at cable bridge worksite (Reserve side).
- Cable bridge worksite (Reserve side) - No shade cloth in place on access gate section. SC informed the ER that installed shade cloth had blown over onto the pedestrian footpath recently, causing safety issues and was therefore removed. Action raised.

#### **Southern Dive & SMTF South Marrickville:**

##### **ER Inspection #94 – 21/12/2021**

- Good initiative observed for recycling of PPE.
- Low levels of water noted within temporary sump.
- No visible dust observed during the site inspection.
- ESC in place around stormwater pits in the eastern bypass and around track drainage areas.
- Construction WTP Discharge Point (DP2) – Noted ESC in place around DP2 and treated/tested water as per EPL criteria is discharged directly into the stormwater drain. Some maintenance required to re-position stake, remove accumulated sediment/silt build up around DP2 and kerb drain at access/egress gate (Sydney steel road). Action raised.
- Site access gate and section of Sydney Steel Road near the site was generally clean and street sweeper was observed during the inspection.
- Sediment controls were noted along the kerb drains and gutter along Sydney Steel Road. Evidence of cleaning undertaken by SC street sweeper was observed in sections of the gutter apart from areas where cars were parked. It was agreed with SC that further maintenance would be undertaken prior to the Christmas Shutdown Period to remove sediment build up and leaf litter within the kerb gutter along Sydney Steel Road. Action raised.

##### **ER Inspection #92 – 07/12/2021**

#### **Northern Hub**

- Site access/ egress points and road observed to be clean at the time of inspection.
- No graffiti observed on hoarding around site boundary.
- Housekeeping/dust management – external yard areas generally tidy and street sweeper observed during the inspection.
- Hopetoun Ave - concrete delivery in progress; with appropriate control in place (plastic tarp) to capture potential concrete spills/leaks. SC informed the ER that the Project Team had changed the concreting works schedule to accommodate Hopetoun Ave resident's exam schedule on Wednesday, 8th December; with no concreting works scheduled to occur on this date.

#### **Valetta Lane Access**

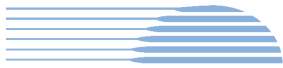
- No works at Valetta Lane worksite.
- No graffiti observed on shade cloth around access gate and the boundary fence.

#### **Artarmon TSS Site**

- TSS site entrance and section of Whiting St near site was observed to be tidy during the inspection.
- Minor tagging observed on shade cloth on boundary fence, shade cloth noted to be frayed and missing in a couple sections of the boundary fence. Action raised within the Inspection Report.

#### **Blues Point Access Site**

- Site access/ egress point observed to be clean at the time of inspection and rumble grid remains in place with suitable capacity.
- Acoustic shed demolition completed. It was noted and discussed that no noise related complaints were received relating to these works.
- Backfilling of shaft underway with appropriate controls in place around concrete deliveries. SC informed the ER that backfilling works are scheduled to be completed to ground level by 24th December.
- SC informed the ER that surface water is managed and pumped from a sump into a 15,000L tank. A vacuum truck is then utilised to transfer water to the Project's Water Treatment Plant at the CDS.
- Good housekeeping observed within the Material Laydown area.
- Shade cloth installed along pedestrian access remains in place and was observed to be free of graffiti.
- Beach Access (opened to the Public) – Hoarding observed to be free of graffiti. ESC remains in place along



sections of the beach access.

**ER Inspection #93 – 14/12/2021**

**SW Corridor Traction Substation sites**

**Canterbury TSS**

- Noise blankets remain installed on Hutton St side. No high-noise works being undertaken at the time of the inspection.
- Tree Protection (with noise blankets installed) and sediment fence alongside the ATF, remain in place.
- SC informed the ER that temporary drainage is in place until conduits are installed; permanent drainage works to follow. ESC controls observed around drain in area.
- Discussion held with SC regarding dewatering on-site. ER requested SC for most recent dewatering permit, which was provided by SC following inspection.
- Section of shade cloth on the boundary fence to be re-attached and few sections to be re-installed (with branding facing Hutton St). Note raised and SC close out provided within Inspection Report.
- No graffiti observed on shade cloth installed along Hutton St side.
- Construction material laydown area (Hutton St) - Some litter, packaging waste and sand observed within the Material laydown area on Hutton St. Action raised.

**Dulwich Hill TSS**

- Site access/egress (Randall St) - observed to be clean at time of inspection.
- Site access/egress (Randall St) - Rumble grid no longer in place and access point is stabilised with DGB placed over geofabric layer. SC informed the ER that additional geofabric is placed prior to/during material loadout, which has now reduced considerably.
- SC informed the ER that material stockpiled in area would be utilised in backfilling the excavation and any surplus material would be taken off- site for disposal.

**Campsie TSS**

- PPE recycling (good initiative) box observed on-site.
- Excavation for final section of conduits and crane access completed along Northern wall of TSS.
- TPZ remains in place.
- Good housekeeping observed in material laydown area and generally around site.
- Site access/egress (Lillian St) - observed to be generally clean at the time of inspection.

**Lakemba TSS**

- Stabilised concrete access/egress with rumble grid remains in place.
- The Boulevard was observed to be clean with no tracking observed at time of inspection.
- Laydown area – access/egress stabilised with ballast.
- Secondary containment noted around Concure and Jerry Can storage.

**Punchbowl TSS**

- Stabilised access/egress (with ballast) and rumble grid in place. Discussed tracking observed on South Terrace (section near site access/egress) with SC and additional control of geofabric required during spoil load out. SC confirmed that road sweeper would be deployed to address tracking/install geofabric. Action raised and SC close out included within Inspection Report.
- Sediment controls observed along fencing on South Terrace side of works.
- TPZ in place for retained tree.
- No go zone/signage in place for threatened species (*Acacia Pubescens*).
- Tree removal completed for current scope of works.
- No graffiti observed on shade cloth installed on boundary fence.
- Conduit storage area - SC mentioned trench alignment proposed in vicinity of trees in this area is under further design investigation to avoid/minimise impacts on trees where practicable and that an arborist would be consulted for further assessment based on design.



**Photos**



**Tunnels - installation of mesh on walkway frame and installation of noise panels (for operational phase) on both walls continuing.**



**Artarmon TSS - Whiting St - Installation of façade panels and cabling on TSS continuing (Whiting St). TSS site entrance and section of Whiting St near site was observed to be tidy during the inspection.**



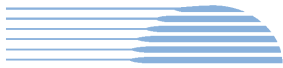
**Blues Point Access Site - Acoustic shed demolition completed and erected scaffolding removed from site**



**Canterbury TSS – Combined service route (CSR) works – excavation, conduit installation and backfilling continuing.**



<p><b>Punchbowl TSS – Excavation for TSS base slab underway.</b></p>	<p><b>Campsie TSS – Good housekeeping observed in material laydown area and generally around site.</b></p>
<p><b>Lakemba TSS - Stabilised concrete access/egress with rumble grid remains in place.</b></p>	<p><b>SMTF S - Administration Building – steel install, patching of blockwork and general clean up works underway.</b></p>
<p><b>SMTF S - Stabling Yard - section of gantry shed removed for preparatory works for future stabling yard trackway</b></p>	<p><b>SMTF S – Stabling Yard - Concrete broken up in section of stabling yard for preparatory works for future stabling yard trackway</b></p>
<p><b>Endorsed Document/s</b></p>	
<p><b>Line Wide</b></p> <ul style="list-style-type: none"> <li>▪ OOHWA- LWW-OOHW-171 Southwest WE25 Lakemba TSS ULX Construction 18-19</li> <li>▪ OOHWA - LWW-OOHW-165 - Dulwich Hill TSS Oversize Load Route Preparation Jan 2022</li> <li>▪ OOHWA - LWW-OOHW-175 - Southwest TSS NBB Works 29/12/21 to 08/01/22 Rev A and Rev B</li> <li>▪ OOHWA - LWW-OOHW-169 - Dulwich Hill TSS - WE28 Building Delivery and Lift Jan 2022</li> <li>▪ OOHWA - LWW-OOHW-173 - WE28 Campsie TSS Transformer Delivery and Lift Jan 2022</li> <li>▪ Compliance Tracking Report (CTR) - Copy of Sydney_Metro_Upcoming_Compliances_Linewide-2021-Q3-Rev B</li> <li>▪ Construction Noise and Vibration Impact Statement (CNVIS) - Belmore Site Compound - SMCSWLWC-SYC-WEC-EM-REP-004155</li> <li>▪ Construction Noise and Vibration Management Plan - SCLWW CNVMP Rev 2</li> <li>▪ OOHWA - 176 Canterbury TSS Night Shift Steel Fixing January 2022</li> <li>▪ OOHWA - 110 Rev 1 Artarmon TSS Cable Pulling</li> <li>▪ OOHWA - 181 Artarmon BPS Cable Pulling Reserve Road Rev 0 and Rev 1</li> <li>▪ OOHWA - 185 Campsie BPS Joint Bay Watering and HV Cable Drying Rev 0 and Rev 01</li> </ul>	



**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.

**Non-compliances:**

No non-compliances recorded for the reporting period.

**LW North - Complaints:**

- 2/12/21 – Waterloo (LWW) - Worker Behaviour - Business owner emailed Waterloo ISD Project Director to express concerns about SC’s subcontractor (Quickway) parking in front of their business.
- 4/12/21 – Blues Point (LWW) – Waste Management - Resident concerned about debris left after site was demobilised.
- 5/12/21 - Waterloo (LWW) - Noise & Vibration (OOHW) - Resident complained about the vibration she is experiencing from the train line. Resident stated in her email that she is under medication and the vibrations interrupt her sleep.
- 9/12/21 – Blues Point – Worker behaviour - Resident called to complain about a Boral truck idling in a no stopping zone. He claimed that the driver had left the truck to go to a nearby cafe for a coffee.
- 9/12/21 – Blues Point – Waste Management - Resident complained about debris and material left after clean-up and sent photos to NS Council. Council approached SM and the matter was subsequently referred to SC.
- 10/12/21 - Waterloo (LWW) - Noise & Vibration (OOHW) - Further to earlier complaint (on 5/12/21), resident complained about the continued vibration she is experiencing.
- 16/12/21 – Northern Connection (Chatswood) - Complaint about worker behaviour and noise; that some traffic controllers have at times sat on resident’s fence, played radios and had loud conversations
- 16/12/21 – CDS – Flora and Fauna and other - Complaint about an old, deteriorated sign left up on Nelson St and requested that it be removed and that grass along the metro wall Nelson St does not get mowed on a regular basis.
- 16/12/21 - Blues Point – Waste Management - Stakeholder reported paint chips left on roads surrounding site and had previously reported issue and received response from contractor, sought further response direct from SM. Also attached photo suggesting damage to sediment filter.
- 16/12/21 – Blues Point - Notification of work; Respite & AA - Resident complained about the up-coming high noise-impact works at Blues Point and that she hasn't been given a real difference with the respite options.
- 17/12/21 – CDS – Consultation – General - Artarmon Progress Association raised concerns that the group had not received any direct emails about the public exhibition of the draft SDPP for the Chatswood Dive site.
- 20/12/21 – Blues Point - Traffic, Transport & Parking; Worker behaviour - Resident texted to express concerns about the alleged continued speeding of trucks on Blues Point Rd. The resident stated in her opinion a Boral truck drove to the site too fast and mentioned in email that overall, resident is happy with the improvements around speed limits.
- 27/12/21 – Blues Point – Visual Amenity - Resident emailed regarding the LED lights installed along the footpath on Henry Lawson Ave are emanating excessive light, impacting residents.

**LW South - Complaints :**

- 28/12/21 – Canterbury - Respite & AA - Resident initially responded to the respite offer SC provided for the water pumping and nitrogen purging works planned at Canterbury. Resident requested someone from the team call her back to further explain the offer.

There were no incidents for Line Wide reported to the ER under conditions A41 to A44 of SSI 7400 or A36 of SSI 8256. The following minor (class 3) incidents were recorded:

**LW North Incidents:**

- Nil

**LW South Incidents:**

- Nil

**Audits**

- Nil this reporting period

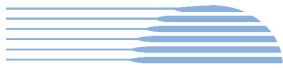
**Looking Forward – Core Focus Areas**

**Line Wide**

- SMTF North – completion of conditions for Line Wide scope of works through CTR Q4 2021 and Q1 2022 process
- Blues Point – restoration works, including the removal of concrete beams and pavements from site. Works involve high impact noise equipment/activities during standard construction hours.
- Campsie Bulk Power Supply Works (Canterbury) – continuation and completion of Joint Bay Dewatering and High Voltage Cable Drying out of hours works
- Compliance Tracking Report (CTR) - commencement of Q4 2021 CTR review process for LWW

#### 4. Train Service Operation and Maintenance (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 (North /South) George Kollias (Alternate ER)
<b>Key Construction Activities During the Period</b>		
<p><b>SMTF North</b> SMTF(N) – WK (week)22-25 (1-24/12/21) – Engineering Hours (0000-0430) Dynamic Train Testing between SMTF-N and Chatswood to test newly installed equipment</p> <p><b>Tunnels Chatswood Dive to Southern Dive</b> <b>Northern Dive to Crows Nest Station tunnel section and Waterloo Station to Southern Dive tunnel section:</b></p> <ul style="list-style-type: none"> <li>▪ Trackside equipment installation (TEI) works, signalling cable installation works, communication cable installation and tie-in works, radio equipment and cable installation works continue in both Up and Down tunnels.</li> <li>▪ Cross Passage (XP) equipment installation and termination works continue within these tunnel sections, with the exception of XPs with sumps.</li> </ul> <p><b>Artarmon Substation:</b></p> <ul style="list-style-type: none"> <li>▪ Equipment installation and fit-out within the substation modules</li> <li>▪ Cable installation works connecting the substation with the tunnels</li> </ul> <p><b>Barangaroo Station to Victoria Cross Station tunnel section:</b></p> <ul style="list-style-type: none"> <li>▪ XP equipment and cabling installation works have resumed within the Victoria Cross Station to Barangaroo Station tunnel section.</li> </ul> <p><b>Waterloo Station to Central Station tunnel section</b></p> <ul style="list-style-type: none"> <li>▪ Construction readiness regarding XP cabling and equipment installation has commenced.</li> </ul>		
<b>Key Construction Activities Look Ahead</b>		
<p><b>SMTF North</b></p> <ul style="list-style-type: none"> <li>• WK28-31 (10-31/01/22) – Engineering Hours (0000-0430) - Dynamic Train Testing between SMTF-N to Chatswood to test the newly installed CBTC equipment</li> <li>• Train Commissioning (static) and retrofit work (whole Dec / Jan)</li> </ul> <p><b>Northern Dive – Northern Dive (Chatswood) to Crows Nest Station</b></p> <ul style="list-style-type: none"> <li>• Installation of XP equipment ongoing (day shift)</li> <li>• Installation of trackside equipment, communications cables, signalling cables radio equipment and cabling (day and night shift)</li> </ul> <p><b>Southern Dive - Waterloo Station to Southern Dive (Marrickville)</b></p> <ul style="list-style-type: none"> <li>• Installation of XP equipment and trackside equipment (day shift)</li> <li>• Installation of communications cables, signalling cables and radio cables (both day and night shift)</li> </ul> <p><b>Southern Dive - Waterloo Station to Pitt Street Station and Pitt Street Station to Central Station – Day Shift</b></p> <ul style="list-style-type: none"> <li>• Installation of XP equipment ongoing</li> </ul> <p><b>Southern Dive - Pitt Street Station to Martin Place Station and Martin place Station to Barangaroo (day shift)</b></p> <ul style="list-style-type: none"> <li>• Installation of trackside equipment</li> </ul> <p><b>Victoria Cross and Crows Nest Station - Day shift</b></p> <ul style="list-style-type: none"> <li>• XP equipment install works within tunnel</li> </ul> <p><b>Barangaroo Station – Day Shift</b></p> <ul style="list-style-type: none"> <li>• Delivery of plant/materials, XP equipment install and cable installation works within tunnel</li> </ul> <p><b>Victoria Cross Station and Crows Nest Station:</b></p> <ul style="list-style-type: none"> <li>• Cross passage equipment installation in the tunnel</li> </ul> <p><b>Artarmon Substation</b></p> <ul style="list-style-type: none"> <li>• Equipment installation</li> </ul> <p><b>Sydenham Station (subject to SSJ's progress)</b></p> <ul style="list-style-type: none"> <li>• Survey work and cable hauling along the track</li> <li>• Installation of antenna on station building,</li> <li>• Installation of platform edge barriers, including core drilling; signalling and communications equipment including fit out of communications room</li> </ul>		



<b>Waterloo and Central Station Level B4 (Metro Platform Level)</b> <ul style="list-style-type: none"><li>• Installation of platform screen doors</li><li>• Survey, platform hole marking and core drilling</li><li>• Chemical anchor, threshold and post installation</li><li>• Cable hauling, installation of equipment cabinets and containment (North-South Concourse – Central Station)</li><li>• Cable hauling, installation of telephone, security and public address field devices (Level B1 – Central Station)</li></ul>
<b>Southwest corridor</b> <ul style="list-style-type: none"><li>• Christmas Shutdown – 26 Dec 21 to 9 Jan 22:<ul style="list-style-type: none"><li>• Site inspection and survey works along Bankstown Line</li><li>• Installation of new signal equipment - Sydenham and Belmore</li></ul></li><li>• Installation of new radio equipment at Belmore Station (Feb)</li></ul>
<b>Northern corridor</b> <ul style="list-style-type: none"><li>• Installation of equipment in substation rooms</li></ul>
<b>ER Inspections</b>
▪ No ER inspections conducted in December 2021.
<b>Photos</b>
▪ Not Applicable
<b>Endorsed Document/s</b>
▪ Nil this reporting period
<b>Non-compliance/ Incidents or Repeat Complaints</b>
Sydney Metro has been providing summaries of complaints to DPIE daily and a summary to the ER. Responses to each complaint have been noted in each complaint report, with follow up actions often defined in revised reports. Key or repeat items of note are discussed below for the respective projects.
▪ The ER is not aware of any complaints or non-compliances. There were no incidents for TSOM reported to the ER under conditions A41 to A44 of SSI 7400 or A36 of SSI 8256.
<b>Audits</b>
▪ No audits proposed
<b>Looking Forward – Core Focus Areas</b>
▪ Development of TSOM Compliance Tracking Register (CTR) by the Contractor for three planning approvals.





## 5. ISDs

Project Approval	Contract Package	Environmental Representative/s
SSI 7400 (C2S) (Does not include associated SSDs)	Martin Place ISD Macquarie Bank/Lend Lease	Michael Woolley/ Rui Henriques
	Victoria Cross ISD (VC-ISD) - Lend Lease	Swathi Gowda/Michael Woolley
	Crows Nest ISD – Sydney Metro	Rui Henriques/ George Kollias
	Waterloo ISD – John Holland	George Kollias/Swathi Gowda
	Pitt Street ISD - CPB	Rui Henriques/ Michael Woolley
<b>Key Construction Activities During the Period</b>		
<b>MP-ISD</b>		
<p><b>Bligh Street:</b></p> <ul style="list-style-type: none"> <li>Concrete deliveries and pumping. Water treatment plant operation.</li> </ul> <p><b>Martin Place South (MPS)</b></p> <ul style="list-style-type: none"> <li>Construction (FRP) of walls; columns, shear beams and floor slabs</li> <li>Jump form use</li> <li>Other general construction activities.</li> </ul> <p><b>Martin Place North (MPN)</b></p> <ul style="list-style-type: none"> <li>Various building work activities such as FRP for columns; lift shafts; walls; floor slabs and other various items. Various works well above street level. Concrete trucks accessing south areas through access road under MPN.</li> </ul> <p><b>Station Caverns and Adits</b></p> <ul style="list-style-type: none"> <li>Installation of ventilation/exhaust systems</li> <li>Other fit out activities including installation of services, including fire safety systems.</li> </ul>		
<b>VC-ISD</b>		
<p><b>Victoria Cross North</b></p> <ul style="list-style-type: none"> <li>North Shaft – slipform pour 2 complete.</li> <li>New WTP fully operational.</li> </ul> <p><b>Victoria Cross South</b></p> <ul style="list-style-type: none"> <li>Denison St- Stage 3 drainage excavation works underway.</li> <li>B4 - Steel fixing, formwork and preparatory works underway for concrete pour.</li> <li>B6 (Station Level) - water proofing works completed and preparatory works underway for steel install.</li> </ul> <p><b>Station Cavern</b></p> <ul style="list-style-type: none"> <li>Eastern trackway - steel fixing underway with concrete pour scheduled to follow.</li> <li>Eastern trackway - scheduled to be handed over to Line Wide Works (LWW) Contractor (prior to the Christmas Shutdown Period).</li> <li>Western trackway handed over to LWW Contractor.</li> <li>Structural support installation work on OTE ventilation modules underway (on eastern side).</li> <li>GRC panel installation continuing on roof of cavern.</li> <li>North and South back of house areas - blockwork continuing.</li> </ul>		
<b>CN-ISD</b>		
<ul style="list-style-type: none"> <li>Concrete Pour at B3</li> <li>Core jump form at Site A and B</li> <li>Steel fixing and formwork primarily on perimeter walls to level B2/B3 but also at the northern tunnel portal</li> <li>Deliveries at Pacific Highway logistics lane.</li> <li>Placement of scaffolding for general construction</li> <li>Construction of overhead extraction system platform using precast slabs/planks on steel</li> <li>Stripping and placing of concrete shutters for headwall and perimeter wall construction</li> <li>Services fixings and tray installation</li> <li>Platform construction</li> </ul>		





<p><b>PS-ISD</b></p> <p><b>Pitt Street South</b></p> <ul style="list-style-type: none"> <li>▪ Jump form structures at Level 02</li> <li>▪ Capping beam demolition</li> <li>▪ Water management and operation of water treatment plant (WTP) as needed.</li> <li>▪ Concrete slab pours at B01Mezzanine complete</li> <li>▪ Euro tower connection from hanging piles to existing footing complete.</li> <li>▪ General FRP and Concrete works to construct the building perimeter walls to ground.</li> <li>▪ Dismantling of formwork climbing systems underway</li> <li>▪ Blockwork to B01</li> </ul> <p><b>Adits and Platform Caverns</b></p> <ul style="list-style-type: none"> <li>▪ Blockwork and general construction to back of house areas</li> <li>▪ Services and ventilation installation.</li> <li>▪ Structural steel complete</li> <li>▪ Fit out works to platforms</li> <li>▪ Formwork and Track Slab concrete pours to Eastern cavern.</li> </ul> <p><b>Pitt Street North</b></p> <ul style="list-style-type: none"> <li>▪ Jump form structures at Level 05</li> <li>▪ Concrete pour to B01</li> <li>▪ Formwork up to B01/B01M and Ground East to West respectively.</li> <li>▪ FRP works on central core</li> <li>▪ Eastern and part of western jump form is at height and undergoing dismantle</li> <li>▪ Capping beam demolition.</li> <li>▪ Water recycling using WTP</li> </ul>
<p><b>WL-ISD</b></p> <ul style="list-style-type: none"> <li>▪ Electrical utility and water utility works ongoing in local roads around site by subcontractors</li> <li>▪ B3 steel and concrete pours</li> <li>▪ Perimeter Walls almost complete in the south, only half of the north</li> <li>▪ South Jumpform being stripped</li> <li>▪ Block work south end of B3</li> <li>▪ Over Track Exhaust (OTE) CFC sheeting and fireproofing continuing at B4 &amp; B5</li> <li>▪ Interface - Linewide concrete deliveries, transfer via line pump and track-slab pours</li> </ul>
<p><b>Key Construction Activities Look Ahead</b></p>
<p><b>MP-ISD</b></p> <p>Ongoing similar construction/building activities as described for the reporting period. Further works occurring above ground floor level indicating potentially higher noise exposure to surrounding streets.</p>
<p><b>VC-ISD</b></p> <p>Ongoing similar construction/building activities as described for the reporting period. Ongoing use of the evening period for lower noise activities in at VCN as well as concreting works. Ongoing progression of the stormwater works on Denison Street in the Stage 3 area which is further away from adjacent food outlets.</p>
<p><b>CN-ISD</b></p> <p>Ongoing similar construction/building activities as described for the reporting period, including precast concrete girder deliveries up to 4 nights per week in accordance with the high risk OOHW approval by the DPIE.</p>
<p><b>PS-ISD</b></p> <p>Ongoing similar construction/building activities as described for the reporting period, including removal of the capping beams at street level on both Pitt Street South and Pitt Street North. This involves concrete cutting over a period of 4 to 6 weeks, during construction hours, and on Saturdays between 1 pm and 4:30 pm as a contingency if required to address unexpected safety issues.</p>
<p><b>WL-ISD</b></p> <p>Potential full road closure of Cope Street from Jan 2022 Potential OOH works once works continue up and out of Station Box (particularly Level 1 to 3) between 6pm and 10pm from early 2022</p>

<b>ER Inspections</b>	
<b>MP-ISD</b>	
There was one ER inspection conducted by the ER on 9 <sup>th</sup> December 2021. No issues were raised at this inspection.	
<b>VC-ISD</b>	
There was one ER inspection conducted by the ER on 15 <sup>th</sup> December 2021. No new issues were raised at this inspection.	
<b>CN-ISD</b>	
There were two ER inspections conducted by the ER on 1 <sup>st</sup> December 2021 and 15 <sup>th</sup> December 2021. The key issues raised at these inspections were:	
<ul style="list-style-type: none"> <li>▪ Tonal alarms on various EWP, a telehandler and skid-steer.</li> <li>▪ MAF recently approved extended south a few metres past approved limits -MAF was revised to reflect actual size.</li> <li>▪ Condition of hording along Clark Lane has deteriorated significantly and requires improvement.</li> <li>▪ Storage of unbanded flammable liquids containers at Hume St Bridge laydown area</li> <li>▪ Tonal alarm on forklift operating in the Clarke Lane/Hume St bridge delivery/gantry area.</li> <li>▪ General housekeeping to be improved before Christmas interruption in the western B6 track area in particular.</li> </ul>	
<b>PS-ISD</b>	
There was one ER inspection conducted by the ER on 21 <sup>st</sup> December 2021. No key issues were raised at this inspection.	
<b>WL-ISD</b>	
There were two ER inspections conducted by the ER on 2nd December 2021 and 16th December 2021. The key issues raised at these inspections were:	
<ul style="list-style-type: none"> <li>▪ Heavy vehicle belonging to subcontractor parked in weight-restricted section of Wellington St. JHG to confirm and detail approval from City of Sydney prior to use (access and parking) and confirm need for Consistency Assessment against Planning Approval</li> <li>▪ Cope St kerbline cleaned, accumulated sediment pile to be removed</li> <li>▪ Generators at Minor Ancillary Facilities not generating significant noise, with acoustic enclosure and noise blankets in use</li> <li>▪ Environment and Community messaging on TV screens where site staff wait for Alimak personnel lift</li> <li>▪ JHG advise that Water Treatment Plant tested over trigger levels in November. Reported to Sydney Metro in monthly report</li> <li>▪ Temporary Works Area on Cope St continuing to be used for the staging of concrete trucks</li> <li>▪ Tree protection in place around trees with existing damage, where Project works are now occurring nearby</li> <li>▪ Clean-up and dispose of polystyrene foam waste observed amongst work area of Level B3</li> <li>▪ JHG report no issues and/or triggers at Water Treatment Plant</li> </ul>	
<b>Photos</b>	
<b>MP-ISD</b>	
	
<b>Martin Place North – ongoing building works</b>	<b>Concrete trucks and pumps operating in the acoustic shed.</b>



Platform Caverns – Fit out



Escalators installed for access between ESR and Metro Station.



Martin Place South – Pedestrian Tunnel



Martin Place South – ongoing FRP works

VC-ISD



Cavern: trackway steel fixing underway on eastern side, with concrete pour scheduled to follow.



Cavern: GRC panel installation continuing on roof of cavern



**Denison Street Stormwater works – Stage 3 area: Drainage excavation works underway. Noise blankets observed in place.**



**Eastern Cavern: Structural support installation work on OTE ventilation modules underway.**



**VCS South Back of House Area: Blockwork continuing.**



**VCN - North Yard Area: No concrete pours in yard at time of inspection.**

**CN-ISD**



**Concrete hopper that was washed out, resulting in run-off to Clarke Lane stormwater system - incident reported**



**Over-Track Exhaust structure completed**



General view of station to north, from top of platform



Perimeter wall steel fixing



Level B3 (above girders) view North with steel fixing



Level B3 view South



Pacific highway logistics lane in operation -view east

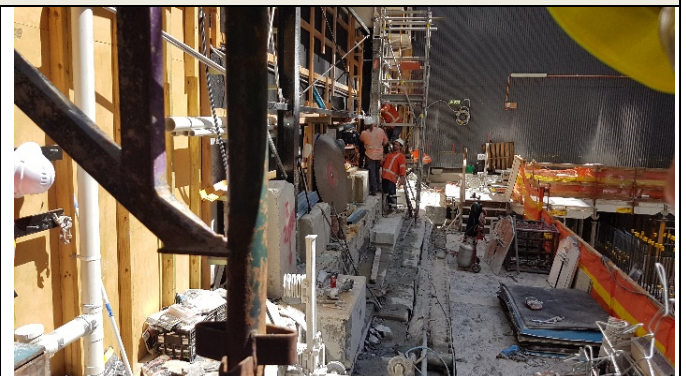


North tunnel portal ongoing waterproofing

PS-ISD



Pitt St South (PSS) B1 Mezzanine level.



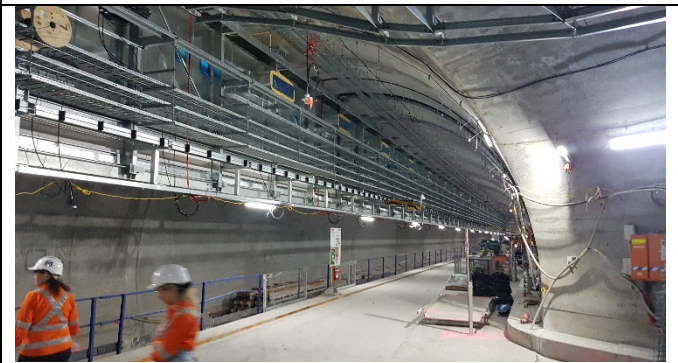
PSS Ground level, capping beam mostly removed.



**PSS -Various steel fixing and formwork at B01M level**



**PSS B1 interior construction, including blockwork**



**Eastern cavern track slab and platform**



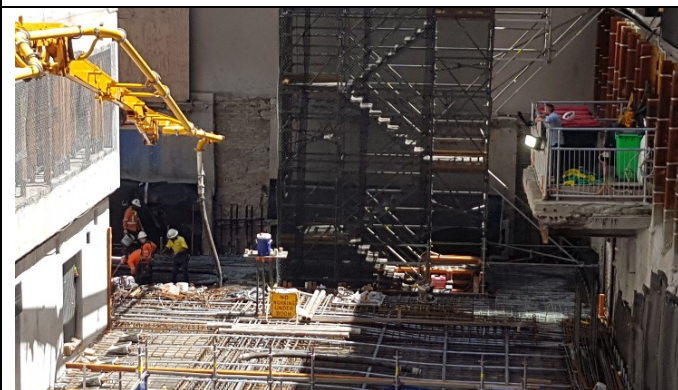
**Western cavern track slab and platform with OTE above**



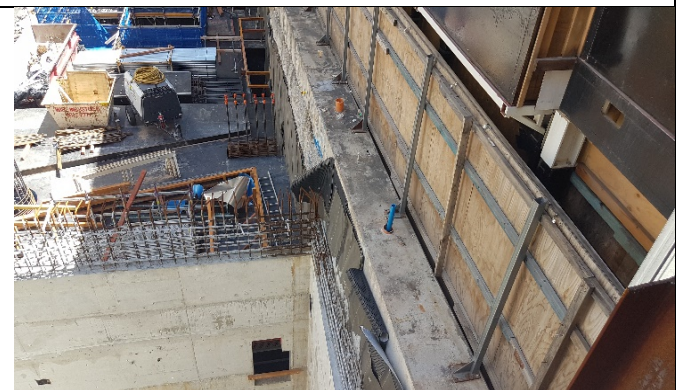
**Pitt St North (PSN) Western core structure to Level 5**



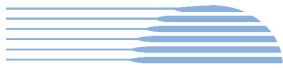
**PSN western side: FRP at levels B01M and Ground**





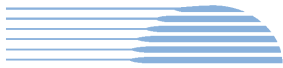
**PSN south eastern side: concrete pour level at B01M**



**PSN Pitt St capping beam along Castlereagh St.**

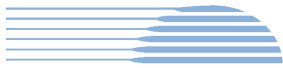


<b>WL-ISD</b>	
	
<p>Ongoing utility works in Cope St. Tree Protection and pedestrian barriers in place for electrical utility works currently occurring</p>	<p>Escalators delivered and placed for the connection of the platform to mezzanine level. Fitting and commissioning not yet commenced</p>
<b>Endorsed Document/s</b>	
<b>MP-ISD</b>	
<ul style="list-style-type: none"> <li>▪ Construction Groundwater Management Plan (Rev 9)</li> <li>▪ OOHW92 Utility Investigations (January to March)</li> </ul>	
<b>VC-ISD</b>	
<ul style="list-style-type: none"> <li>▪ EHS Plan Rev 9</li> <li>▪ Consistency Assessment - VCISD station entry design changes - Rev 1 (VC 03) - SMCSWSVI-LLC-SVC-EM-REP-002613</li> <li>▪ OOHW17 Rev 3 - ongoing works at VCS</li> <li>▪ OOHW15- North site structures Rev 6 then update to Rev 7</li> <li>▪ OOHW11 Rev 3</li> </ul>	
<b>CN-ISD</b>	
<ul style="list-style-type: none"> <li>▪ OOHW 010 – Extended Hours Works Rev 14</li> <li>▪ OOHW 010 – Extended Hours Works Rev 15</li> <li>▪ OOHW 013 – Ausgrid Cable Hauling and Backfilling - date revision</li> <li>▪ Clark Street A22 Minor Ancillary Facility Assessment</li> </ul>	
<b>PS-ISD</b>	
<ul style="list-style-type: none"> <li>▪ OOHW031 – December 21 and January 22 OOHW</li> </ul>	
<b>WL-ISD</b>	
<ul style="list-style-type: none"> <li>▪ OOHWA #24 Ausgrid Outage Cope St South Rev C</li> <li>▪ OOHWA Ausgrid Outage – Cope/Raglan Street Intersection</li> <li>▪ OOHWA 25 Rev C</li> </ul>	
<b>Complaints / Incidents / Non-compliance</b>	
<ul style="list-style-type: none"> <li>▪ ALL</li> </ul> <p>Sydney Metro has been providing summaries of complaints to DPIE 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>	
<b>MP-ISD</b>	
<p>Nil incidents or non-compliances were reported or observed during the reporting period. There were no complaints reported to have been received by Lendlease.</p>	





<b>VC-ISD</b>
<p>Nil incidents or non-compliances were reported or observed during the reporting period.</p> <p>Three complaints were reported by the project during the reporting period:</p> <ul style="list-style-type: none"> <li>▪ 1/12/2021 - Consultation - OOHW; Working hours - North Site. Resident stated that he has noticed the tower crane on the North site has been working outside the standard construction hours each night (past 8pm tonight). Resident queried if the local area has been notified of this work and that resident didn't recall seeing the notification.</li> <li>▪ 9/12/2021 - Worker behaviour - Complaint received from building manager on Berry St requesting that workers do not congregate or wait in front of their building on Berry St; it is inconveniencing their tenants.</li> <li>▪ 10/12/2021 - Noise and vibration – OOHW - South Site: Complaint received by email from resident complaining of noise at 6am; requested if this is within hours of operation.</li> </ul>
<b>CN-ISD</b>
<p>There was one noncompliance relating to washing of a concrete hopper without adequate containment. One minor incident (concrete hopper wash water not contained, entering the stormwater system before being contained) reported to the ER, which was managed adequately.</p> <p>Four (4) complaints were reported by the project during the reporting period. Three (3) related to worker behaviour resulting in OOH noise disturbance. One related to mains power supply resumption ahead of schedule following generator supply during interruption for cut-over.</p>
<b>PS-ISD</b>
<p>There were no non compliances or incidents reported to the ER. There was one complaint during the period relating to noise.</p>
<b>WL-ISD</b>
<p>There were no non-compliances reported to the ER this reporting period.</p> <p>There were seven complaints received: Three (1/12, 8/12, and 8/12/21) were related to loss of power required to temporarily connect a generator to a building eliminate a longer-term power loss if generator was not installed. Several complaints (03/12, 10/12 and 11/12/21) were related to the noise from the generator, and one from noise from a road plate). John Holland have committed to supplying generators to businesses, and earphones to residents to mitigate impact. There was one complaint about pedestrian management around the utility works site (9/12/21).</p> <p>Incidents reported to the ER this reporting period: 17/12/21: An EWP experienced a fault in a hydraulic hose line and began to leak on the B3 level of the station box. Approximately 5L of hydraulic oil was leaked.</p>
<b>Audits (specific to packages reported in this report)</b>
<p>No ER involvement in audit activity including Independent Environmental Audits.</p>
<b>Looking Forward – Core Focus Areas</b>
<b>MP-ISD</b>
<ul style="list-style-type: none"> <li>▪ Nil</li> </ul>
<b>VC-ISD</b>
<ul style="list-style-type: none"> <li>▪ High duration of out of hours works planned at and around the north and south shafts.</li> <li>▪ Compliance Tracking Report – commencement of Q3 and Q4 2021 reporting /review process</li> </ul>
<b>CN-ISD</b>
<ul style="list-style-type: none"> <li>▪ Out of hours works focus on justifications and assessment compliant with OOH Protocol, and minimisation of impacts on receivers.</li> <li>▪ Compliance tracking program reporting Q3 2021.</li> </ul>
<b>PS-ISD</b>
<ul style="list-style-type: none"> <li>▪ Compliance tracking program reporting Q3 2021</li> </ul>
<b>WL-ISD</b>
<ul style="list-style-type: none"> <li>▪ Potential full road closure of Cope Street from Jan 2022 and planning activities including associated approvals and consultation for road closure of Cope Street.</li> <li>▪ Potential OOH works once works continue up and out of Station Box (particularly Level 1 to 3) between 6pm and 10pm from early 2022.</li> </ul>





## 6. Barangaroo Station (BESIX Watpac)

Project Approval	Contract Package	Environmental Representative/s
SSI 7400 (C2S)	Barangaroo Station (BESIX Watpac)	Jo Heltborg
<b>Key Construction Activities During the Period</b>		
<ul style="list-style-type: none"> <li>▪ Stormwater works, including sheet piling, trenching and pipe installation</li> <li>▪ Dewatering and Form Reo Pour (FRP) of pit for stormwater installation</li> <li>▪ Waterproofing the station box</li> <li>▪ Installing structural steel, concrete and blockwork in the station box</li> <li>▪ OTE ongoing in the station box</li> <li>▪ FRP to Shark's Fin northern area</li> <li>▪ Commencement of survey and set out for seawater cooling system trenching in Headland Park</li> <li>▪ Water Treatment Plant (WTP) operation</li> </ul>		
<b>Key Construction Activities Look Ahead</b>		
<ul style="list-style-type: none"> <li>▪ Continue sheet piling for stormwater installation</li> <li>▪ Blockwork to continue in station</li> <li>▪ OTE steel work will continue</li> <li>▪ Erect scaffold in station box</li> <li>▪ Waterproofing of Hickson Road slab will continue</li> <li>▪ Services installations within station box will continue</li> <li>▪ Pre-cast platforms to be delivered</li> </ul>		
<b>ER Inspections</b>		
<p>There were two ER inspections conducted by the ER in December 2021 (09/12/2021 and 23/12/2021). The key issues raised at these inspections were:</p> <ul style="list-style-type: none"> <li>▪ A covered area was in use for refuelling of plant. One jerry can of ULP was stored within the area, though did not have secondary containment. A spill kit was not present. Risk of spill migration to nearby drain (to the WTP).</li> <li>▪ The project induction does not currently include an environmental component.</li> <li>▪ An IBC of sodium hydroxide (NaOH), and several IBCs of potassium permanganate, were stored adjacent to the WTP without adequate secondary containment.</li> <li>▪ Stockpiles of filter cake were not covered and material was piled on top of controls. Low risk due to runoff to the WTP.</li> <li>▪ Issues have been raised with the volume of water infiltrating into deep excavations associated with the stormwater trunk relocation works. The WTP does not have adequate capacity so alternative methods are currently under consideration to remove the water to allow the base slab to be poured.</li> <li>▪ Trenching is proposed through an INSW landscaped area, requiring the removal of several established trees on the waterfront. Alternatives to design are being discussed.</li> </ul>		
<b>Photos</b>		
		
<p><b>Fuels without secondary containment and no spill kit were observed in the refuelling area</b></p>	<p><b>Proposed trenching within this landscaped area was discussed, requiring removal of Port Jackson fig trees on INSW land</b></p>	



**Waterproofing of the station box roof**



**The management of infiltration of water into deep excavations associated with stormwater trunk relocation works is under discussion**



**Chemical IBCs were observed without adequate secondary containment prior to the Christmas Shutdown**



**Stockpiles of filter cake were not covered prior to the Christmas Shutdown**

**Endorsed Document/s**

- Nil this reporting period

**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 Barangaroo Station.

There were no non-compliances reported to the ER for Barangaroo Station for the period.  
 There were no incidents for Barangaroo Station reported to the ER under conditions A41 of SSI 7400.  
 The ER is not aware of any complaints received during December 2021 related to the BESIX Watpac works.

**Audits**

No ER involvement in audit activity including Independent Environmental Audits.

**Looking Forward – Core Focus Areas**

- The management of water in the deep excavation for the stormwater trunk main
- Compliance with water quality parameters in the Water Discharge Impact Assessment (WDIA) during discharge from the Water Treatment Plant
- Management of noise during planned out of hours work
- Fuel and chemical storage

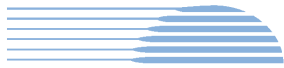


## 7. Sydenham to Bankstown Sydney Metro Corridor (SMC) and Bankstown Early Works (BEW)

Project Approval	Contract Package	Environmental Representative/s
SSI 8256 (S2B)	Sydenham to Bankstown Sydney Metro Corridor (SMC) and Bankstown Early Works (BEW)	Jo Heltborg
<b>Key Construction and Low Impact Works Activities - During the Period</b>		
<ul style="list-style-type: none"> <li>▪ <b>Melford Street, Hurlstone Park:</b> Preparation and piling associated with the construction of retaining wall over culvert; installation of ERSED controls.</li> <li>▪ <b>Church Street Footbridge, Hurlstone Park:</b> Attachment of bolts for throw screens.</li> <li>▪ <b>Canterbury Compound:</b> Site offices and amenities, fuel and gas storage. Lower carpark asphalt complete.</li> <li>▪ <b>Loftus Street/Lillian Lane, Campsie:</b> Continuation of GST installation on city side of the Loch Street bridge.</li> <li>▪ <b>Peel Street access, Belmore / Belmore Archaeological Management Zone (AMZ):</b> GST installation ongoing.</li> <li>▪ <b>Moreton Street &amp; Bridge, Belmore:</b> GST installation commenced within close proximity to identified Threatened Ecological Community (TEC). Pruning of non-TEC species (<i>Acacia saligna</i>) conducted WE25 under ecologist and arborist supervision.</li> <li>▪ <b>Dudley Street/Urunga Parade Punchbowl (former stockpile area):</b> CSR transition to country-side of site commenced, to be continued to the southwest by the station contractor.</li> <li>▪ <b>Belmore Triangle, Loftus Street, Campsie:</b> Installation of high-rail access pad.</li> <li>▪ <b>Belmore Stadium Underpass, Redman Parade:</b> GST transition across bridge.</li> <li>▪ <b>RW21, Railway Parade Lakemba:</b> Batter chute from RW21 complete.</li> <li>▪ <b>Bankstown Early Works (BEW):</b> <ul style="list-style-type: none"> <li>○ <b>North Terrace Site Compound:</b> Site compound operations ongoing. Connection to mains power complete.</li> <li>○ <b>South Parade, Bankstown Metro Services Building (MSB):</b> Material import and compaction of the MSB piling pad using padfoot roller.</li> <li>○ <b>Metro Services Building (MSB):</b> Continuation of works to the ground beam for the southern platform, including form reo pour (FRP).</li> <li>○ <b>Southern down platform:</b> Surface stripped and controls placed during wet weather. Continuation of piling during the Christmas Possession.</li> <li>○ <b>Victoria Road Bridge, Marrickville:</b> Piling for high level retaining wall (RW).</li> <li>○ <b>Ness Avenue Bridge, Dulwich Hill:</b> Piling for high level RW.</li> <li>○ <b>Stacey Street Bridge – City-side, Bankstown:</b> Under Line Crossing (ULX) and high voltage (HV) pit construction underway.</li> <li>○ <b>Stacey Street Bridge – Country-side, Bankstown:</b> Track drainage installation.</li> <li>○ <b>West Terrace Bridge, Bankstown:</b> Attachment of GST posts.</li> </ul> </li> </ul>		
<b>Key Construction Activities Look Ahead</b>		
<ul style="list-style-type: none"> <li>▪ <b>Victoria Road Bridge, Marrickville:</b> Piling for crash beams and RW 1A.</li> <li>▪ <b>Ewart Street / Ness Avenue Dulwich Hill:</b> Vegetation removal and pruning for new gate to hi rail pad); Livingstone Road bridge repairs.</li> <li>▪ <b>Church Street Footbridge, Hurlstone Park:</b> Ongoing bridge repairs and installation of throw screen.</li> <li>▪ <b>Melford Street, Hurlstone Park:</b> Bridge repairs; RW over culvert.</li> <li>▪ <b>Campsie:</b> Removal of Quenos gas pipe; GST installation at Lillian Lane and Loch Street ongoing.</li> <li>▪ <b>Belmore:</b> GST troughing in the AMZ (country side of Belmore station). GST installation on the country-side of Moreton Street Bridge adjacent to TEC, continuing toward Lakemba Station.</li> <li>▪ <b>Lakemba:</b> GST install above Retaining Wall 21.</li> <li>▪ <b>Punchbowl:</b> CSR installation; HV pit rectification. ULX and GST transition.</li> <li>▪ <b>BEW:</b> <ul style="list-style-type: none"> <li>○ Stacey Street bridge screens over the next four possessions</li> <li>○ Station culvert installation at South Terrace</li> <li>○ CSR/GST installation on country side of Stacey Street</li> <li>○ MSB installation</li> <li>○ Out of hours works during local area works at South Terrace for sewer and Ausgrid connections (WE 32 (Sat 5/02- Sun 6/02)).</li> </ul> </li> </ul>		



ER Inspections	
<p>There were two ER inspections conducted by the ER in December 2021 (14/12/2021; and 28/12/2021). The key issues raised were:</p> <ul style="list-style-type: none"> <li>▪ A significant volume of sediment and drainage rock had accumulated in ERSED controls in the gutter alongside the JHLOR piling pad on Victoria Road. Material appeared to have originated from the JHLOR worksite.</li> <li>▪ Significant tracking was observed from the site access along Ewart Street. The street sweeper was engaged at the time of the inspection, and the traffic controller was provided with the street sweeper’s contact details.</li> <li>▪ One cess drainage pit grate near the ULX work zone was not protected; low risk of sediment entry.</li> <li>▪ Reo and spare materials were stored under the dripline of trees.</li> <li>▪ Bus lanes had been handed back to Sydney Buses during the possession to accommodate train replacement services. Additional car spaces for the bus company had reportedly not been used, potentially wasting valuable car parking spaces for the public.</li> </ul> <p>Actions were raised for the above issues, and all actions were in the process of being closed-out by JHLOR.</p>	
Photos	
	
<p>A significant volume of sediment and drainage rock had accumulated in ERSED controls in the gutter alongside the JHLOR piling pad on Victoria Road. Material appeared to have originated from the JHLOR worksite.</p>	<p>Significant tracking was observed from the site access along Ewart Street. The street sweeper was engaged at the time of the inspection, and the traffic controller was provided with the street sweeper’s contact details.</p>
	
<p>Reo and spare materials were stored under the dripline of trees.</p>	<p>Controls applies to the batter at Canterbury compound (seeding and jute mesh underneath geofabric)</p>
Endorsed Document/s	
<ul style="list-style-type: none"> <li>▪ Nil this reporting period</li> </ul>	



<b>Non-compliance/ Incidents or Repeat Complaints</b>
<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 SMC.</p>
<p>The ER is not aware of any non-compliances for SMC for the period. There were no incidents for SMC reported to the ER under conditions A36 of SSI 8256. There were no Class 3 environmental incidents reported during the period. The ER is aware of the following complaint received during December 2021 related to the SMC works:</p> <ul style="list-style-type: none"><li>30/12/2021: Property damage to parked vehicle at Belmore Triangle (Redman Parade, Belmore). Parked vehicle struck by small stone as truck drove past resulting in minor damage. Damage agreed to be repaired by contractor.</li></ul>
<b>Audits</b>
<ul style="list-style-type: none"><li>No ER involvement in audit activity including Independent Environmental Audits.</li></ul>
<b>Looking Forward – Core Focus Areas</b>
<ul style="list-style-type: none"><li>Management of ERSED controls generally</li><li>Maintenance of tree protection measures, particularly in the vicinity of TECs and threatened species <i>Acacia pubescens</i></li><li>Compliance with relevant CoAs and REMMs, and implementation of CHMP requirements during planned work in AMZs</li><li>Implementation of the Tree Report during vegetation pruning and removal</li><li>Management of noise during OOHWs</li><li>Completion of the SMC CTR 2021 Q4</li></ul>



## 8. 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
<b>Key Construction Activities During the Period</b>		
<p>Possession works included WE25 and commencement of two-week shutdown on 26/12/21. Major works were descoped due to industrial action leading to high voltage permits for outages not being issued.</p> <p><b>Marrickville:</b></p> <ul style="list-style-type: none"> <li>▪ Station building fit out continued.</li> <li>▪ Platforms / shared user path – construction of drainage and service connections.</li> <li>▪ Metro Services Building (MSB) formwork and concrete pours continued.</li> </ul> <p><b>Canterbury:</b></p> <ul style="list-style-type: none"> <li>▪ Excavation of material from the MSB continued.</li> <li>▪ Relocation of sewer completed in MSB.</li> <li>▪ Trees removed in Cess adjacent to Charles Street Compound.</li> <li>▪ Canopy for the Platform 0/1 stairs was removed.</li> <li>▪ Service installation works in the platforms and buildings continued.</li> <li>▪ Material deliveries in preparation for the two-week shutdown</li> <li>▪ GST installation continued</li> <li>▪ ACO drain installation works on platforms commenced.</li> </ul> <p><b>Lakemba:</b></p> <ul style="list-style-type: none"> <li>▪ Platform service installation works were ongoing.</li> <li>▪ MSB spoil material was removed from site.</li> <li>▪ Material deliveries in preparation for the two-week shutdown.</li> <li>▪ MSB retaining wall constructed</li> <li>▪ Platform demolition and rebuild commenced (26/12/21).</li> </ul>		
<b>Key Construction Activities Look Ahead</b>		
<p>Upcoming possession – two-week shutdown (commenced 26/12/21 and completed 9/02/22), Week 31, Weekend 32 and Weekend 39 Possessions.</p> <ul style="list-style-type: none"> <li>▪ Installation of prefabricated concourses</li> <li>▪ Lakemba – Continuation Platform demolition and installation of prefabricated platform.</li> <li>▪ MSB construction at all sites.</li> <li>▪ ULX piling at Marrickville</li> </ul>		
<b>ER Inspections</b>		
<p>There were three ER inspections conducted by the ER on 08/12/2021; 22/12/2021 and 29/12/2021 The key issues raised at these inspections were:</p> <p><b>Marrickville:</b></p> <ul style="list-style-type: none"> <li>▪ Minor erosions and sediment control (ESC) maintenance and removal of laydown items from ESC.</li> <li>▪ Updating the erosions and sediment control plan (ESCP) to include a washout bay.</li> <li>▪ Minor rubbish and housekeeping.</li> <li>▪ Maintaining bund capacity for fuel storage bunds after rainfall.</li> <li>▪ Anti-throw screens installed on Illawarra Bridge.</li> </ul> <p><b>Canterbury:</b></p> <ul style="list-style-type: none"> <li>▪ Implementing noise mitigation for stationary plant and equipment.</li> <li>▪ Update stabilised exit for 6 Charles Street.</li> <li>▪ Minor housekeeping of laydown areas.</li> <li>▪ Storage of fuel canisters in bunded areas.</li> </ul> <p><b>Lakemba:</b></p> <ul style="list-style-type: none"> <li>▪ Sediment tracking from the MSB and stabilised exits (raised as HSE-NCR-25).</li> <li>▪ Implementing noise mitigation for stationary plant and equipment.</li> <li>▪ Updating ESC and ESCP for the MSB and Railway Parade compound (raised as HSE-NCR-24).</li> <li>▪ Storage of plant and equipment outside of the approved storage areas (raised as HSE-NCR-20) .</li> <li>▪ Closure of car parks without approvals (Pending NCR submission)</li> </ul>		



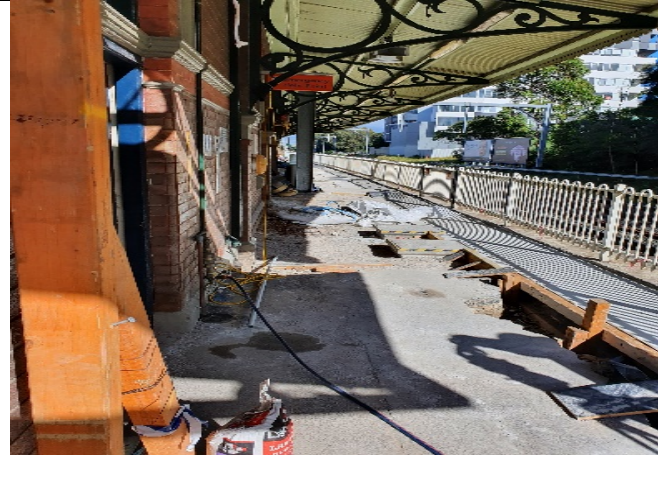
- Storage of fuel canisters in bunded areas.

**Photos**



**Marrickville MSB – Concrete form works 08/12/21**

**Marrickville MSB – Concrete form works 29/12/21**



**Canterbury Platform 0/1 Canopy removed**

**Canterbury Platform 0 Platform reconstruction**

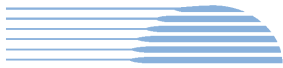


**Lakemba – MSB retaining wall**

**Lakemba – Demolition of platforms commenced**

**Endorsed Document/s**

- OOH WK(Week)22 Canterbury Tile Rectification Works
- OOH WE(Weekend)25
- OOH Two-week Shutdown (Weeks 26/27)



<b>Non-compliance/ Incidents or Repeat Complaints</b>
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 MCL.
The ER is aware of five NCRs for the month and three complaints relating to MCL works. The NCRs were raised during ER inspections at Lakemba for the following: Sediment tracking onto public roads, maintaining / installing suitable ESC at the MSB and Railway Pde compound, storing material and plant outside of the project boundary and two NCRs for closing carparks without approval. <u>Complaints:</u> A summary of the complaints received in the period is as follows: <u>Marrickville:</u> One complaint not related to the value of respite offered <u>Canterbury:</u> No complaints <u>Lakemba:</u> One complaint in relation to dust and one for noise.
<b>Audits</b>
▪ No ER involvement in audit activity including Independent Environmental Audits
<b>Looking Forward – Core Focus Areas</b>
▪ Continued updates and implementation of CEMP, Sub-Plans and ESCP. ▪ Monitoring provision of up-to-date website data. ▪ Focus on NCR closeout actions, noise mitigation, ESC and idling vehicles on all sites. ▪ Planning for upcoming possessions in January and February. ▪ Compliance tracking program reporting (Q3 and Q4, 2021).





**9. 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
<b>Key Construction Activities During the Period</b>		
<p><u>Hurlstone Park</u></p> <ul style="list-style-type: none"> <li>▪ MSB – Drainage investigation works continued, Qenos pipe removal</li> <li>▪ Station fit out continued</li> <li>▪ Platform drainage works and ACO drain installation commenced</li> </ul> <p><u>Belmore</u></p> <ul style="list-style-type: none"> <li>▪ MSB fit out continued</li> <li>▪ Station fit out continued</li> <li>▪ Lift ramp completed</li> <li>▪ Landscaping of plaza continued</li> <li>▪ Platform drainage works and ACO drain installation commenced</li> </ul> <p><u>Wiley Park</u></p> <ul style="list-style-type: none"> <li>▪ MSB on hold due to HV permit issue, shotcreting of retaining wall completed</li> <li>▪ Station fit out continued</li> <li>▪ Platform shelters – structural steel installation completed; brickwork wall construction commenced</li> <li>▪ Platform demolition works and drainage installation commenced</li> </ul> <p><u>Dulwich Hill:</u></p> <ul style="list-style-type: none"> <li>▪ MSB conduits installed, formwork commenced, OSD tank constructed</li> <li>▪ Drainage works continued</li> <li>▪ Station fit out and lift pit construction continued</li> <li>▪ Platform drainage works and ACO drain installation commenced</li> </ul> <p>Abutment A retaining wall works completed <u>Campsie:</u></p> <ul style="list-style-type: none"> <li>▪ MSB Drainage works ongoing</li> <li>▪ MSB – Formworks and concrete pours continued</li> <li>▪ Station fit out continued</li> <li>▪ Platform service installation works continued, drainage works and ACO drain installation commenced</li> </ul> <p><u>Punchbowl:</u></p> <ul style="list-style-type: none"> <li>▪ MSB – walls constructed, pending roof installation. OSD tank construction completed.</li> <li>▪ Commence demolition of concourse</li> <li>▪ Station fit out and lift pit construction continued.</li> <li>▪ Platform service installation works continued, drainage works and ACO drain installation commenced</li> </ul>		
<b>Key Construction Activities Look Ahead</b>		
<p><u>Hurlstone Park</u></p> <ul style="list-style-type: none"> <li>▪ Continued construction of MSB</li> <li>▪ Demolition and reconstruction of platform stairs</li> <li>▪ Installation of lift shafts</li> <li>▪ Continued station fit out</li> </ul> <p><u>Belmore</u></p> <ul style="list-style-type: none"> <li>▪ Continued fit out of MSB</li> <li>▪ Continued station fit-out</li> <li>▪ Continued landscaping works for station plaza.</li> </ul> <p><u>Wiley Park</u></p> <ul style="list-style-type: none"> <li>▪ Continued construction of MSB and platform shelters</li> <li>▪ Commence re-construction of concourse</li> <li>▪ Continued station fit out</li> </ul> <p><u>Dulwich Hill:</u></p> <ul style="list-style-type: none"> <li>▪ Continued construction of MSB</li> </ul>		



- Plaza landscaping works
- Installation of pedestrian bridge and lift shafts
- Continued station fit out

Campsie:

- Continued construction of MSB
- Reconstruction of concourse
- Continued station fit out and platform services.

Punchbowl:

- Continued construction of MSB
- Installation of lift shafts
- Reconstruction of concourse
- Continued station fit out
- Landscaping of Plaza (on hold)

**ER Inspections**

There were two ER inspections conducted by the ER for HBW on 09/12/21 and 30/12/21, and three for DCP on 02/12/2021, 21/12/2021 and 30/12/2021. The key issues raised at these inspections were:

Hurlstone Park

- Minor erosion and sediment control maintenance
- Installation of tree protection zone and removal of items stored within drip zone
- Weed maintenance in MSB
- Ongoing reminders of noise mitigation
- Minor concrete washout outside of bunded area

Belmore

- erosion and sediment control maintenance
- Storage of items away from sediment fences
- Reinstate flagging for water zone / tree protection zone

Wiley Park

- Installation of banner mesh (raised as an NCR)
- Minor erosion and sediment control maintenance
- Concrete washout in tree protection zone (raised as an NCR)
- Idling vehicles (traffic control)

Dulwich Hill

- Minor erosion and sediment control maintenance
- Update erosion and control plans, noting impacts from high intensity rain events overtopping controls.
- Minor graffiti removal







Campsie:

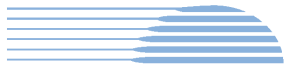
- noise mitigation measures required maintenance (re-attach noise mats to ATF)
- Minor concrete washout requiring clean up
- Maintaining spill kits

Punchbowl:

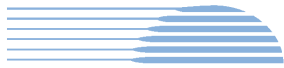
- Works commencing out of approved hours.
- Maintaining tree protection zones
- Spill kit maintenance and correct storage of fuel containers
- Minor concrete washout outside of bunded areas.



Photos	
	
<b>Hurlstone Park platform works</b>	<b>Wiley Park construction of MSB and station shelter</b>
	
<b>Belmore platform works</b>	<b>Punchbowl MSB construction</b>
	
<b>Campsie platform drainage and ACO drainage installation</b>	<b>Dulwich Hill lift shaft and ACO drainage installation</b>
<b>Endorsed Document/s</b>	
<ul style="list-style-type: none"> <li>▪ Noise and Vibration Management Plan for DCP and HBW (Endorsed 16/12/21)</li> <li>▪ OOH WE25 shutdown, WE31 WE32</li> <li>▪ OOH High impact with noise mitigation to 9pm during shutdown</li> </ul>	



<b>Non-compliance/ Incidents or Repeat Complaints</b>
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 HBW.
The ER is aware of five new non-compliances raised in December, and five complaints for DCP/HBW for the period (noting that two were not related to Downer's works). The NCRs were in relation to unapproved out of hours works (two for Campsie, two for Belmore and one for Dulwich Hill).
<u>Complaints:</u> All complaints are summarised is as follows:
<u>Wiley Park</u> <ul style="list-style-type: none"><li>▪ Two relating to noise not related to the project</li><li>▪ One noise complaint related to project activities</li><li>▪ One traffic and parking</li></ul>
<u>Hurlstone Park</u> <ul style="list-style-type: none"><li>▪ One traffic and parking</li></ul>
There were no incidents for HBW or DCP reported to the ER under conditions A36 of SSI 8256.
<b>Audits</b>
No ER involvement in audit activity including Independent Environmental Audits (IEA Program).
<b>Looking Forward – Core Focus Areas</b>
<ul style="list-style-type: none"><li>▪ Continued updates and implementation of CEMP, Sub-Plans and ESCP.</li><li>▪ Focus on NCR closeout actions, noise mitigation, stakeholder consultation and traffic/parking on all sites.</li><li>▪ Planning for upcoming possessions in January and February.</li><li>▪ Compliance tracking program reporting (Q3, 2021).</li></ul>



## 10. 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
<b>Key Construction Activities</b>		
SM	The ER is not aware of any CSW related SM construction activities other than as referred to on a package basis above.	
<b>ER Inspections</b>		
SM	▪ Nil	
<b>Endorsed Document/s</b>		
SM	▪ Nil	
<b>Non-compliance/ Incidents or Repeat Complaints</b>		
<p>Sydney Metro has been providing summaries of complaints to DPIE daily and a summary to the ER. Responses to each complaint have been noted in each complaint report, with follow up actions often defined in revised reports. Key or repeat items of note are discussed below for the respective projects.</p> <p>There were no non compliances or incidents raised by the ER against Sydney Metro for the period.</p>		
<b>Audits</b>		
SM	Nil	
<b>Looking Forward – Core Focus Areas</b>		
SM	<ul style="list-style-type: none"> <li>Compliance review Q1 and Q2 2021 remains outstanding and is to be prepared and provided to the ER for endorsement. There is a refreshed focus being applied within Sydney Metro to improve reporting performance in relation to the Compliance Tracking Program.</li> </ul>	

## **11. Statement of Limitations**

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