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Department of Planning Industry and Environment  
Locked Bag 5022  
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7 December 2021  
Ref: 170108-ER\_DPIE-November 2021

Dear Rob

**RE: Sydney Metro City & South West – ER Monthly Reports for November 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 **November 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>▪ Metro Box – Truck movements; metro box ventilation. Ongoing construction activities for the Chillers and Ventilation Building. Installation of some platform Canopies. Fit out of the Platform and other levels. Various FRP works. Completion of drilling for CSR bores. New ventilation fans installed and operating in Mole Hole 3, largely for Linewide requirements.</li> <li>▪ Central Walk – Excavating for Central Walk ongoing for remaining escalator voids. FRP works for columns, shotcreting.</li> <li>▪ Works within hoarded work zones on suburban Platforms 16-23 and platform surface excavation during rail possession weekends. Ongoing installation of final panels around the new escalators. Platforms (southern side) 16-17 mostly complete.</li> <li>▪ Sydney Yard - Water Treatment Plant Operation; truck access; laydown. Stockpiling, processing and loadout of excavated material from other areas of site. Delivery of OSOM for station canopies ongoing.</li> <li>▪ Northern Concourse – Ongoing works at intersection of Northern Concourse and Metro Box area.</li> <li>▪ Eastern Entrance – FRP for walls; floor slabs and columns inside the shaft.</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 - New lift in operation. Ongoing use of the area for laydown and construction support. Fit out and other construction activities ongoing.</li> <li>▪ Ghost Platforms (above ESR Platforms 24-25) - Ongoing electrical and other fit out.</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 – due to reduced space in the metro deck and Yard area, trucks will be reversing over SYAB.</li> <li>▪ Ongoing planning for works in Randle Lane for the HV connection.</li> <li>▪ Platform works on Platform 0 and 1 – LOR are working with YHA who are close to these platforms.</li> <li>▪ Possession works between Christmas and New Year</li> </ul>		
<b>ER Inspections</b>		
<p>There were two ER inspections (03/11/2021 and 17/11/2021) conducted during the reporting period. The key issues raised were:</p> <ul style="list-style-type: none"> <li>▪ Housekeeping and storage of materials could be improved near the Water Treatment Plant. A 205 L drum and 20L containers were stored without bunding. Litter was observed on the ground in the area.</li> <li>▪ LOR indicated that no noise modelling had been completed to assess the impacts of the ventilation unit on Station staff and commuters indicating this was possibly a Line wide responsibility as the fan unit was for their purposes. During a later inspection on 1 December the fans were observed to be in place and monitoring conducted showing lower noise levels from this fan which has silencers.</li> </ul>		
<b>Photos</b>		

	
<b>Ongoing works in the Northern Concourse</b>	<b>Installation of new ventilation unit</b>
	
<b>Concrete works (FRP) in Central Walk and escalator ramp</b>	<b>Fit out and façade placement for escalators to Platforms 16 and 17</b>
<b>Endorsed Document/s</b>	
<ul style="list-style-type: none"> <li>AQMP Rev 11</li> </ul>	
<b>Non-compliance/ Incidents or Repeat Complaints</b>	
<p>Sydney Metro has been providing summaries of complaints to DPIE daily as well as to the ER. There were 3 complaints reported during the reporting period which related to noise and dust.</p> <p>No non compliances were observed by the ER or reported to the ER during the reporting period.</p>	
<b>Audits</b>	
<p>There were no audits conducted during the reporting period.</p>	
<b>Looking Forward – Core Focus Areas</b>	
<ul style="list-style-type: none"> <li>Documentation of heritage item management.</li> </ul>	

## 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> Offices, crib rooms and amenities</li> <li>▪ <b>Bankstown curve:</b> Security fencing, GST and defects work complete</li> <li>▪ <b>Geotechnical Office Area:</b> Installation of electrical conduit ongoing; Completion of fencing</li> <li>▪ <b>Burrows Ave / Southern Station Plaza / Bolton St / Hogan Ave:</b> Excavation for Transgrid defects at Southern station plaza. Works on Burrows Avenue, Bolton Street and Hogan Avenue complete</li> <li>▪ <b>Sydenham Station / Development Area:</b> Earthworks, waste classification and spoil load out to Gateway Project commenced from the Development Area. Asphaltting of the secondary plaza commenced</li> <li>▪ <b>11 Sydenham Rd (main site, including Garden Street):</b> Track install complete, GST and security fencing complete. Heavy vehicle ramp scheduled for removal once Retaining Wall 4 (RW4) works are complete.</li> <li>▪ <b>Sydenham Pit and Pumping Station / Confluence Area:</b> RW4 mostly complete (small section on hold pending final design). Cess drainage complete; infill and levelling / finishing works ongoing. Continuation of fencing around the Retaining Wall 4 (RW4) area. Base slab poured and piles being cut down in deep excavation.</li> <li>▪ <b>Way Street Laydown Areas:</b> Spoil stockpiles in northern area. Materials and waste storage in south laydown area. Waste classification testing ongoing to determine beneficial reuse options.</li> <li>▪ <b>XPT Laydown:</b> Stockpiling, slurry storage. Waste classification indicated spoil is unsuitable for beneficial reuse due to asbestos content.</li> <li>▪ <b>Carrington Rd Laydown:</b> Stockpiling. Waste classification testing ongoing to determine beneficial reuse options. Spoil load-out to Gateway project commenced.</li> <li>▪ <b>Bedwin Road:</b> Track slab defects complete. Trackside fencing and handrail installation ongoing. Throw screens complete along Bedwin Road Bridge. Additional fencing, including solution for Edgeware Road apartments ongoing.</li> </ul>		
<b>Key Construction Activities Look Ahead</b>		
<ul style="list-style-type: none"> <li>▪ Demobilisation of the Fraser Park Ancillary Facility</li> <li>▪ Track fencing ongoing</li> <li>▪ Secondary plaza being prepared by TSOM site offices (to be operating under SSJ PC)</li> <li>▪ Geotech area fencing (corner of Sydenham Road / Marrickville Road)</li> <li>▪ Spoil load out to continue at 11 Sydenham Road and commence at XPT</li> <li>▪ Demolition of slab in the development area (11 Sydenham Road stockpile area)</li> <li>▪ Demobilisation of Fraser Park offices (early December)</li> <li>▪ Pump station to be commissioned by Sydney Water, and possible Sydney Water pit maintenance</li> </ul>		
<b>ER Inspections</b>		
<p>There was one ER inspection conducted by the ER in November 2021 (09/11/2021). The key issues raised were:</p> <ul style="list-style-type: none"> <li>▪ Shade cloth had come away from some sections of the boundary fence with Edgeware Road apartments at the Bedwin Road site</li> <li>▪ Graffiti was observed on the Sydenham Pit Pump House and on the confluence structure (awaiting close-out from previous ER inspections)</li> </ul> <p>Actions were raised for the above issues, and all actions were in the process of being closed-out by JHLOR.</p>		
<b>Photos</b>		
		<p><b>Bedwin Road: Shade cloth had come away from some sections of the boundary fence with Edgeware Road apartments</b></p>

<b>Endorsed Document/s</b>
<ul style="list-style-type: none"> <li>SSJ CEMP Rev16 - Periodic Review</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 SSJ.</p> <p>The ER is not aware of any non compliances for SSJ for the period.</p> <p>There were no incidents for SSJ reported to the ER under conditions A41 of SSI 7400.</p> <p>There were no minor Class 3 environmental incidents reported to the ER during the period.</p> <p>The ER is not aware of any complaints during November 2021 that could be attributed to the SSJ works.</p>
<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>Review of spoil waste classification, beneficial reuse and waste tracking records</li> <li>Completion of selected Conditions of Approval</li> <li>Completion of the SSJ CTR 2021 Q3</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>		
<p><b>Key Construction Activities below, as reported by Systems Connect (Contractor) for Line Wide Works:</b></p> <p><b>SMTF North</b></p> <p>Snake Mountain including Site Shed and Laydown Area:</p> <ul style="list-style-type: none"> <li>No construction activities being undertaken</li> <li>Site shed demobilisation and construction material consolidation in progress</li> </ul> <p><b>Northern Hub (Incorporating Chatswood Dive Site Northern Connection, Hopetoun Ave and Valetta Lane)</b></p> <ul style="list-style-type: none"> <li>Tunnel - walkway installation and cable pulling underway (Down Line)</li> <li>Piling works completed and shutter wall removed</li> <li>Eastern wall - excavation and trimming between piles in progress</li> <li>PMF Pit - blinding pour works underway for track slab</li> <li>Spoil haulage from Northern Connection to spoil shed at Chatswood Dive Site (CDS)</li> <li>Steel mesh installation on wall and drilling underway</li> <li>Valetta Lane - no works</li> <li>Hopetoun Ave – concrete deliveries</li> </ul> <p><b>Artarmon Traction Substation</b></p> <ul style="list-style-type: none"> <li>Installation of facade panels on TSS underway (Whiting St)</li> <li>Modular buildings delivered and lifted into final positions over two weekend OOHWs</li> <li>Installation of cable supports in shaft and cable ladder brackets under switch rooms</li> </ul> <p><b>Artarmon BPS Excavation and Investigation Works Site – Carlotta St</b></p> <ul style="list-style-type: none"> <li>No works (on hold). Not inspected.</li> </ul> <p><b>Cleland Road Ancillary Site</b></p> <ul style="list-style-type: none"> <li>No works reported. Not inspected</li> </ul> <p><b>Blues Point</b></p> <ul style="list-style-type: none"> <li>Preparatory works and scaffolding in progress for demobilisation of site acoustic shed.</li> <li>Operation of compound and laydown at Belmore Compound</li> </ul> <p><b>SW Corridor Traction Substation sites:</b></p> <ul style="list-style-type: none"> <li>Canterbury TSS: <ul style="list-style-type: none"> <li>Excavation for combined services routes (CSR) continuing</li> </ul> </li> <li>Dulwich Hill TSS <ul style="list-style-type: none"> <li>Stripping of formwork (continuing) and dismantling of scaffolding (rail)</li> </ul> </li> <li>Campsie TSS: <ul style="list-style-type: none"> <li>Excavation for final section of conduits underway</li> <li>Modular Buildings - Installation of cable trays and internal wiring</li> </ul> </li> <li>Lakemba TSS: <ul style="list-style-type: none"> <li>Steel fixing and formwork continuing</li> </ul> </li> <li>Punchbowl TSS <ul style="list-style-type: none"> <li>Tree removal works in progress</li> </ul> </li> <li>Surry Hills – Central BPS <ul style="list-style-type: none"> <li>No works reported. Not inspected.</li> </ul> </li> <li>Other ISD sites including Martin Place (Bligh St), Pitt St and Central <ul style="list-style-type: none"> <li>No work reported. Not inspected.</li> </ul> </li> </ul> <p><b>Canterbury to Campsie BPS</b></p> <ul style="list-style-type: none"> <li>Pat O'Connor Reserve - Cable Bridge Worksite – conduit installation and backfilling works</li> </ul>		



- Pat O'Connor Reserve – Cable Bridge Worksite –bridge construction on hold and with Design Team (update on 30/11/21)
- Cooks Avenue – Road saw works completed and cable pulling scheduled

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

- Water Treat Plant (WTP) for operational phase progressing
- Administration Building –stripping of falsework, blockwork and patching of blockwork
- Eastern bypass area – forming OHW footings and concreting works
- Maintenance Building – forming hobs and preparatory works for concrete pour
- Covered Shed – building frame installed and installation of structural steel ongoing
- Fire Control Building – steel fixing
- Stabling Yard – excavation for inter track drainage ; capping and trimming works underway.
- Southern Dive – blockwork, services and FRP works on modular slab continuing
- Construction WTP – commissioned, tested and now fully operational

#### **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 Q3/Q4 2021 process.
- Blues Point – continuation of acoustic shed demolition activities and commencement of infilling of the shaft
- Northern Connection Ancillary Facility - investigation of potential ancillary facility between Roseville and Chatswood underway by SC.
- Southwest Corridor – planning, coordination of OOHWs including identifying cumulative impacts from other SM contractor works, for upcoming Christmas Shutdown OOHWs (ongoing)
- Q3 CTR Reporting for LWW (ongoing) – initial review complete by ER and Sydney Metro in Nov 21; with Systems Connect (SC) to review/update

#### **ER Inspections**

There were five ER inspections conducted by the ER in November 2021 (02/11/21; 09/11/21; 16/11/21; 23/11/21; 30/11/21). The key issues raised were:

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

##### **ER Inspection #87 – 02/11/2021**

- SC Ancillary Facility - stabilised access, sediment fence and tree protection measure remains in place.
- Cable Bridge worksite – flagging observed around trees to be retained along fence line and batter was protected.
- Cable Bridge worksite - observed good control measure (plastic sheet) installed under bridge formwork to capture any potential spills/leaks from concreting works, into Cup & Saucer Creek.

##### **ER Inspection #91 - 30/11/2021**

- SC Ancillary Facility - noise blankets installed around operational generator for site sheds.
- SC Ancillary Facility - no graffiti observed on shade cloth installed around the Ancillary Facility.
- Cable Bridge worksite - Chemicals stored (for e.g. form oil, curing compound) without secondary containment or in designated storage container. Action raised and closed out by SC within Inspection Report.
- Cable Bridge worksite - Sediment fence remains in place along bridge worksite with minor maintenance required to re-attach/cable tie section of sediment fence and remove accumulated sediment build up.
- Cable Bridge worksite - Section of batter was observed to be protected with remaining section uncovered. It was agreed that remaining exposed would be covered. Action raised with Inspection Report.
- Anzac St Compound - ER enquired if shade cloth was required to be installed on Anzac St Compound. SC agreed to install shade cloth around Anzac St Compound based on further use and timing of works within Reserve.
- Anzac St /Site Access -minor tracking from vehicle movement on Anzac St/ site access and some fresh damage (potentially superficial) was observed on tree roots. Discussed with SC and fencing was relocated at the time of inspection to further delineate the root area and additional barriers installed. SC to clean up minor tracking and report further investigation outcomes/actions to SM/ER.

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

##### **ER Inspection #87 – 02/11/2021**

- Observed sediment fence along the site boundary and sediment controls around stormwater pits around various parts of the site.
- Eastern bypass area was observed to be stabilised and sediment controls installed around stormwater pits.



- Drain within future stabling yard footprint was protected.
- No visible dust generation observed during the site inspection. Evidence of dust suppression observed on-site.
- Site access gate and section of Sydney Steel Road near the site was observed to be clean during the inspection.
- Refreshed sediment controls remain in place along Sydney Steel Road. Minor build up of litter and sediment was observed around kerb drain controls. SC informed the ER that a weekly maintenance schedule is in place.

#### **ER Inspection #91 - 30/11/2021**

- No visible dust generation observed during the site inspection.
- Mobile concrete washout bins in place at the operational phase WTP. The area surrounding the washout bins was observed to be tidy.
- Accessible and stocked spill kits were observed near the Bin Area.
- Graffiti observed on sections of shade cloth and hoarding installed around the perimeter fence along sections of Sydney Steel Road. SC to remove graffiti in accordance with VAMP.
- Graffiti observed on shade cloth and sediment fence along pedestrian/cyclist footpath lane. Further discussion/resolution required for management of graffiti in area (noted graffiti on buildings along lane) taking into consideration factors of visibility and cost/benefits of replacing shade cloth
- Refreshed and good sediment controls were noted along the kerb drains and gutter along Sydney Steel Road.
- Maintenance required for removal of sediment build up and leaf litter within the kerb gutter along Sydney Steel Road. Action raised and closed within ER Inspection Report.

#### **SMTF North**

#### **ER Inspection #88 – 09/11/2021**

- Stabilised access/egress maintained. Drainage swales with controls remain in place along site boundary (near Themeda Ave).
- Planting adjacent to the northern boundary fence of Snake Mountain observed to be establishing and healthy at time of inspection.
- Clean water diversion channel (stabilised with ballast) along northern boundary fence and irrigation system for planted area remains in place.
- Stabilising works are nearing completion with some mulch remaining to be applied and additional ballast to be laid in areas of concentrated flow. SC reports 70% equivalent cover is planned. A combination of mulch cover, grass patches and ballast was observed.
- It was noted that post recent rainfall, minor sections require re-work/re-application of mulch to ensure cover. SC informed the ER that these works would be undertaken once ground conditions (currently wet from recent rainfall) allow machinery to be deployed to complete remaining stabilising works.
- Infilling and decommissioning of temporary sediment basin completed.
- Large woody debris relocated from previous laydown area (near site sheds) alongside decommissioned sediment basin for sediment control/potential habitat.
- SC informed ER that pickets, sediment fencing and removal of some litter will be undertaken prior to final site clean up/demobilisation from site.
- Polymer spray observed in patches across site laydown area (DGB). SC informed ER that a final polymer spray would be applied post site demobilisation. ER requested photos on final completion of stabilising works, site clean up works and final application of polymer.

#### **ER Inspection #89 – 16/11/2021**

#### **Northern Hub**

- Site access/ egress points observed to be generally clean. Spoil removal from site was noted during the ER inspection. SC informed the ER that street sweeper is mobilised regularly.
- Project Signage in place. No graffiti observed on hoarding around site boundary at the time of inspection.
- Spoil loadout and removal from site underway. No visible dust observed from spoil loading process and truck observed to exit the site with load covered and tailgate secured.
- Jerry cans noted to be stored within drip trays in the Northern Connection Area. A diesel jerry can without secondary containment was noted in the refuelling area at CDS and removed during ER inspection.
- Minor waste from recent possession weekend noted near Concrete Delivery Area at Hopetoun Ave. Action raised and closed out within ER Inspection Report.
- Concrete truck was observed delivering concrete to facilitate blinding pour works at the PMF Pit Area (within the rail corridor). Control in place (plastic tarp) to capture potential concrete spills/leaks.

#### **Valetta Lane Access**

- Shade cloth around access gates and the fence was largely free of graffiti. Minor tagging observed on shade cloth on fence, near access gate. Action raised and closed out within ER Inspection Report.

#### **Artarmon TSS Site**

- SC informed the ER that hampers were handed out (good initiative) to three properties impacted by the scheduled power outage works over past weekend, as a good will gesture.

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

- Beach Access (opened to the Public) – Hoarding observed to be free of graffiti. ESC remains in place along sections of Beach access.
- Shade cloth installed along pedestrian access adjacent to scaffolding.

#### **ER Inspection #90 – 23/11/2021**

#### **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. SC informed ER that rock sawing/breaking was scheduled to occur later on during the day.
- Tree Protection Zone (with noise blankets installed) and sediment fence alongside the ATF, remain in place.
- It was observed that the chemical storage had secondary containment and plastic tarp, to prevent rainwater ingress into the portable bund. Uncontained jerry can was empty.
- Rumble grid and coir logs remain in place at site access/egress gate. SC informed ER that minor sediment at site access/egress gate is being managed by regular sweeping with hand-held brooms and street sweeper. Ongoing monitoring required.
- No graffiti observed on shade cloth installed along Hutton St side.
- Construction materials (e.g. reo) stored within vegetated strip, adjacent to the laydown area on Hutton St. It was agreed with SC that a TPZ would be established around 2 trees to be retained. Action raised and closed out by SC within Inspection Report.

##### **Dulwich Hill TSS**

- Some mulch (minor) noted in kerb drain at Randall St. SC informed ER that mulch in kerb drain would be removed. Refer note and close out photo provided by SC within Inspection Report.
- ESC in place along site boundary fence (rail corridor side) and at site access/egress.

##### **Campsie TSS**

- Site Access (Lillian St) - SC informed ER that minor sediment at site access/egress gate is being managed by a combination of regular sweeping with hand-held brooms and street sweeper. Ongoing monitoring required.

##### **Lakemba TSS**

- Stabilised concrete access (positive observation) established since last inspection.
- Rumble grid remains in place and The Boulevarde was observed to be generally clean with no tracking observed at time of inspection.

##### **Punchbowl TSS**

- Tree removal underway and traffic control in place. Discussed with SC regarding end of day (EOD) controls /clean-up post tree removal works. ER requested EOD clean-up evidence and close out photo provided by SC within Inspection Report.
- Stabilised access/egress (with ballast) in place.
- TPZ in place for retained tree.
- PPE recycling (good initiative) box observed on-site.
- No go zone/signage in place for threatened species (Acacia Pubescens).

##### **Belmore Compound and Laydown Area**

- Site Access/ Egress Gate (Bridge Rd, Belmore) – no tracking and Bridge Rd observed to be clean.
- Beams noted on TPZ barriers to be removed. Refer note and close out photo provided by SC within Inspection Report.
- SM enquired if shade cloth was required to be installed on fencing. Further discussion held for SM to provide SC advice on whether shade cloth is required to be installed.

## Photos



**Artarmon TSS - Whiting St - Installation of facade panels on TSS underway (Whiting St). Modular buildings delivered and lifted into final positions over two weekend OOHWS**



**Blues Point Access Site - Preparatory works and scaffolding in progress for demobilisation of site acoustic shed.**



**SMTF North - Landscaping - Planting along northern boundary fence of Snake Mountain observed to be establishing and healthy. Clean water diversion channel and irrigation system remains in place.**



**SMTF North – Snake Mountain Ara -Stabilising works are nearing completion with some mulch remaining to be applied and additional ballast to be laid in areas of concentrated flow**



**Canterbury TSS - Noise blankets remain installed on Hutton St side. No high-noise works being undertaken at the time of the inspection.**



**Campsie TSS - Form Reo Pour (FRP) works complete. Installation of cable trays and internal wiring underway.**





**SMTF S - Stabling Yard** – excavation for inter tack drainage underway. Drain (second photo) within future stabling yard footprint was protected.



**SMTF S - Water Treat Plant (WTP)** for operational phase progressing. Preparatory works for concrete pour for Emergency Water Tank.



**SMTF S – Construction WTP** commissioned and fully operational



**Punchbowl TSS - Tree removal** underway

#### Endorsed Document/s

##### Line Wide

- OOHWA#146 Artarmon TSS Modular Building Delivery and Installation Rev02
- OOHWA #159 - Dulwich Hill TSS Concrete Finishing Sept - Nov 2021 - Rev.01
- OOHWA #168 Campsie BPS Traffic Control Set Up on South Parade
- Minor Ancillary Facility Assessment - SMTF-South (SMCSWLWC-SYC-DSY-EM-REP-010603)
- OOHWA#172 - SMTF North - WE23 Possession 4-5 Dec 2021
- OOHWA #170 - Surry Hills BPS - Albion St Compound Demob Dec 2021
- OOHWA #161 - Canterbury TSS Concrete Finishing Dec 2021 – Feb 2022

#### 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 (excluding property damage related complaints):

- 1/11/21 - Blues Point — resident called stating that in her opinion SC concrete trucks were driving too fast on Blues Point Road. Resident notes that while they were travelling at the speed limit, it is still too fast for the residential area.
- 8/11/21 – Blues Point - Resident called to complain about a vacuum truck onsite clearing out the water from the weekend rain. Resident also mentioned that it had no noise suppression and was running from 7:35am-8:12am. Caller described the noise as a constant high pitch noise.
- 11/11/21 - Resident emailed to express concerns about the number of trucks per hour driving down Blues Point Rd and alleged continuation of illegal parking - bus stops, no stopping zones and trucks idling.

##### LW South Complaints s (excluding property damage related complaints):

- Nil

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:**

- 06/11/21 - Class 3- Northern Connection - Hydraulic leak on 14t hi-rail excavator dripped approximately 1-2 litres of hydraulic fluid along track in dive excavation area.

**LW South Incidents:**

- 18/11/2021 — Class 3 – Southern Dive - Marrickville - Two small diesel spills (approximately 2 L) occurred whilst refuelling generators in the Up Tunnel Portal pad area approximately 15 metres apart. Spill kit materials were deployed to clean up the diesel spills.

**Audits**

- Nil this reporting period

**Looking Forward – Core Focus Areas**

**Line Wide**

- SMTF North - review of CTR Q3/Q4 2021 for completion of conditions for Line Wide scope of works
- Blues Point - continuation of acoustic shed demolition activities and commencement of infilling of the shaft
- Southwest Corridor – upcoming Christmas Shutdown OOHs and associated cumulative noise impacts and identification of appropriate mitigation measures (Respite Offers/Alternate Accommodation) with other SM contractor works in the vicinity of LWW (ongoing)
- Q3 CTR Reporting for LWW (ongoing) – initial review complete by ER and SM in Nov 21; with SC to review/update

#### 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)
Key Construction Activities During the Period		
TSOM – SMTF(N)	<ul style="list-style-type: none"><li>▪ Weekend (WK) 18-19 (1-12/11/21)<ul style="list-style-type: none"><li>○ SMTF-N – Administration Building - Cable install, cabinet install, equipment fit out</li></ul></li><li>▪ WE19 (6-7/11/21; weekend possession (0700-1700)<ul style="list-style-type: none"><li>○ SMTF-N – Administration Building - Cable pull, cabinet deliveries and radio antenna installation</li><li>○ Static and dynamic testing with test train &amp; hand tools</li><li>○ Survey of Chatswood turnback</li></ul></li><li>▪ WK18-21 (1-26/11/21; 2200-0400)<ul style="list-style-type: none"><li>○ Dynamic Train Testing between SMTF-N to Chatswood to test newly installed equipment</li></ul></li></ul>	
Tunnels Chatswood Dive to Southern Dive	<b>Northern Dive to Crows Nest Station tunnel section <u>and</u> Waterloo Station to Southern Dive tunnel section:</b> <ul style="list-style-type: none"><li>▪ Cross Passage (XP) equipment installation and termination works continue within these tunnel sections, with the exception of XPs with sumps</li><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></ul> <b>Barangaroo Station to Victoria Cross Station tunnel section:</b> <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> <b>Waterloo Station to Central Station tunnel section</b> <ul style="list-style-type: none"><li>▪ Construction readiness regarding XP cabling and equipment installation has commenced.</li></ul>	
Key Construction Activities Look Ahead		
<b>SMTF North</b> <ul style="list-style-type: none"><li>• WK22-25 (1-24/12/21) and WK28-31 (10-31/01/22) – Engineering Hours (0000-0430) Dynamic Train Testing between SMTF-N and Chatswood to test newly installed equipment</li></ul> <b>Northern Dive – Northern Dive (Chatswood) to Crows Nest Station</b> <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> <b>Southern Dive - Waterloo Station to Southern Dive (Marrickville)</b> <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> <b>Southern Dive - Waterloo Station to Pitt Street Station – Day Shift</b> <ul style="list-style-type: none"><li>• Installation of XP equipment</li></ul> <b>Victoria Cross and Crows Nest Station - Day shift</b> <ul style="list-style-type: none"><li>• XP equipment install works within tunnel</li></ul> <b>Barangaroo Station – Day Shift</b> <ul style="list-style-type: none"><li>• Delivery of plant/materials, XP equipment install and cable installation works within tunnel</li><li>• Installation of new site sheds for TSOM (Day Shift)</li></ul> <b>Artarmon Substation – Day Shift</b> <ul style="list-style-type: none"><li>• Equipment Installation</li></ul> <b>Sydenham Station (subject to SSJ’s progress)</b> <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 edge barriers, signalling and communications equipment including fit out of communications room</li></ul> <b>Southwest corridor</b> <ul style="list-style-type: none"><li>• WE25 18-19 Dec 21 - Site survey and investigations only along Bankstown Line</li><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></ul></li></ul>		



<ul style="list-style-type: none"> <li>○ Installation of new signal equipment - Sydenham and Belmore</li> <li>○ Installation of new radio equipment at Belmore Station</li> </ul> <p><b>Northern corridor</b></p> <ul style="list-style-type: none"> <li>• WE25 (18-19 Dec 21) - Day and night shift (6am Sat 18 to 9pm Sun 19 Dec) - equipment relocation and cable pulling; use of LWW Contractor facilities.</li> </ul>
<b>ER Inspections</b>
<ul style="list-style-type: none"> <li>▪ No ER inspections conducted in November 2021.</li> </ul>
<b>Photos</b>
<ul style="list-style-type: none"> <li>▪ Not Applicable</li> </ul>
<b>Endorsed Document/s</b>
<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 the respective projects.</p>
<ul style="list-style-type: none"> <li>▪ 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.</li> </ul>
<b>Audits</b>
<ul style="list-style-type: none"> <li>▪ No audits proposed</li> </ul>
<b>Looking Forward – Core Focus Areas</b>
<ul style="list-style-type: none"> <li>▪ Development of TSOM Compliance Tracking Register (CTR) by the Contractor for three planning approvals.</li> </ul>



## 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	Michael Woolley/Rui Henriques
	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>		
<b>Bligh Street:</b> <ul style="list-style-type: none"> <li>Concrete deliveries and pumping. Water treatment plant operation. No longer taking Linewide tunnel water.</li> </ul> <b>Martin Place South (MPS)</b> <ul style="list-style-type: none"> <li>FRP for southern end of the pedestrian tunnel complete completed</li> <li>Construction (FRP) of walls; columns, shear beams and floor slabs</li> <li>Jump form use</li> <li>Other general construction activities.</li> </ul> <b>Martin Place North (MPN)</b> <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. Further concrete column sections placed with framework and being filled with concrete..</li> </ul> <b>Station Caverns and Adits</b> <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>		
<b>Victoria Cross North</b> <ul style="list-style-type: none"> <li>Ongoing Water proofing of shaft walls.</li> <li>New WTP on line. Water is now not being pumped to Linewide – Chatswood.</li> <li>FRP works for building core, walls and columns including set up of slip form.</li> <li>Operation of Alimak lift.</li> <li>Concrete deliveries and Pump area active within/adjacent to the noise mitigation enclosure.</li> </ul> <b>Victoria Cross South</b> <ul style="list-style-type: none"> <li>Monitoring of wall movement.</li> <li>Water management with water being pumped to the WTP at VCN.</li> <li>FRP activities for walls; footings and pits including use of various jump forms.</li> <li>Separation wall to carpark complete. Ongoing FRP for carpark.</li> <li>Denison Street works Stage 1 and part of Stage 2 completed – movement of works area to Stage 3 area, further away from adjacent food outlets.</li> </ul> <b>Station Cavern</b> <ul style="list-style-type: none"> <li>Installation of pre-cast platform units.</li> <li>Ongoing installation of ventilation ducting; services and internal panels on roof of cavern.</li> <li>FRP and blockwork wall works on platforms in south and north and back of house areas.</li> <li>FRP for rail base slabs and preparation for handover to Linewide.</li> <li>Laydown area on cavern floor.</li> </ul>		
<b>CN-ISD</b>		
<ul style="list-style-type: none"> <li>Waterproofing activities ongoing</li> <li>Core jumpform concrete pour at Site A</li> <li>Steel fixing and formwork primarily on perimeter walls to level B2/B3</li> <li>Placement of scaffolding for construction of overhead tunnel extraction system</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>Platform construction</li> </ul>		

<b>PS-ISD</b>
<b>Pitt Street South</b> <ul style="list-style-type: none"> <li>Jumpform structures at Level 02</li> <li>Water management and operation of water treatment plant (WTP) as needed.</li> <li>Concrete slab pours at B01 and B01Mezzanine continue</li> <li>Euro tower connection from hanging piles to existing footing close to completion – to B01.</li> <li>General FRP and Concrete works to construct the building perimeter walls to ground.</li> <li>Dismantling of formwork climbing systems underway</li> </ul> <b>Adits and Platform Caverns</b> <ul style="list-style-type: none"> <li>Formwork removal, and general construction to back of house areas</li> <li>Services and ventilation installation.</li> <li>Balance/install of structural steel</li> <li>Fit out works to platforms</li> <li>Track Slab concrete pours.</li> </ul> <b>Pitt Street North</b> <ul style="list-style-type: none"> <li>Formwork up to B03, B02 and B01/Ground East to West respectively.</li> <li>Concrete pours for B03</li> <li>Jumpform structures at Level 03</li> <li>Final pour at West core jumpform - completed</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 jumpform is at height and undergoing dismantle</li> <li>Capping beam demolition.</li> <li>Water recycling using WTP</li> </ul>
<b>WL-ISD</b>
<ul style="list-style-type: none"> <li>Escalator installation on Southern end between B5 and B3</li> <li>Northern Head Wall FRP works continuing</li> <li>B2 beam and plank delivery and installations ongoing</li> <li>B2 base slab poured</li> <li>B2 &amp; B3 steel, formwork and wall pours</li> <li>B5 Block work cutting &amp; installation ongoing</li> <li>Over Track Exhaust (OTE) - CFC sheeting and fireproofing continuing</li> <li>Linewide are taking concrete deliveries and pumping down to track-slab pour via line pump</li> </ul>
<b>Key Construction Activities Look Ahead</b>
<b>MP-ISD</b>
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.
<b>VC-ISD</b>
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.
<b>CN-ISD</b>
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.
<b>PS-ISD</b>
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.
<b>WL-ISD</b>
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

ER Inspections	
MP-ISD	
There was one ER inspection conducted by the ER on 18 <sup>th</sup> November 2021. No issues were raised at this inspection.	
VC-ISD	
<p>There were two ER inspections conducted by ER on 2<sup>nd</sup> November 2021 and 23<sup>rd</sup> November 2021. The key issues raised at these inspections were:</p> <ul style="list-style-type: none"> <li>Some side noise blankets on pump enclosure were hanging loose and unsecured (Closed)</li> <li>There is a gap in the boundary with 243 Miller Street where there are no noise blankets or solid hoarding.</li> <li>A Tonal reversing alarm was noted on a delivery truck (Closed)</li> <li>It was observed that operation of the Alimak including opening and shutting the doors led to numerous metal on metal impacts creating banging noises.</li> </ul>	
CN-ISD	
<p>There were two ER inspections conducted by the ER on 3 November 2021 and 17 November 2021. The key issues raised at these inspections were:</p> <ul style="list-style-type: none"> <li>New elevated work platforms (EWPs) using tonal alarms</li> <li>Plant and materials stored on Clarke Lane South, outside the construction boundary. A non-compliance with CoA A18 has been raised and an NCR is in preparation. A Minor Ancillary Facility application was submitted to the ER and subsequently endorsed.</li> </ul>	
PS-ISD	
There were two ER inspections conducted by the ER on 9 <sup>th</sup> November 2021 and 30 <sup>th</sup> November 2021. No key issues were raised at these inspections.	
WL-ISD	
<p>There were two ER inspections conducted by the ER on 4<sup>th</sup> November 2021 and 18<sup>th</sup> November 2021. The key issues raised at these inspections were:</p> <ul style="list-style-type: none"> <li>Some general rubbish identified in Spill Kit</li> <li>General housekeeping required in Levels B2 and B3</li> <li>Unexpected Heritage Find in Botany Road where tram or train rail identified across service trench</li> <li>Barriers established on Cope St in preparation for saw-cutting road surface to commence trenching. AA advised improvements to noise blankets being used on pedestrian barriers</li> <li>Action to clean-up concrete slurry at site gate controlled by Linewide, passed on by JHG Environment &amp; Sustainability Advisor</li> <li>Slurry tray under hopper and lined skip-bin available for concrete washout during wall pour</li> </ul>	
Photos	
MP-ISD	
	
10 Martin Place North – jump form well above street level	Concrete trucks and pumps operating in the acoustic shed.





10 Platform Caverns – Fit out



10 Pedestrian concourse



10 Martin Place North – Concrete pump placing concrete in hollow steel columns









10 Martin Place South – ongoing FRP works



VC-ISD





<b>VCN Surface with concrete noise enclosure and water treatment plant evident</b>	<b>VCN Shaft showing slip form on outside of shaft walls; water proofing and concrete pump.</b>
	
<b>Cavern looking south</b>	<b>Mezzanine level</b>
	
<b>VCS showing car park under construction</b>	<b>Denison Street works – after completion of Stage 1.</b>
<b>CN-ISD</b>	
	
<b>Materials Storage Outside Construction boundary</b>	<b>Southern tunnel portals EWP used for steel fixing and formwork using tonal alarm</b>



	
<p><b>General view of station to north, from top of platform</b></p>	<p><b>Construction of platform and overhead structure</b></p>
	
<p><b>Level B3 (above girders) view North with Level B2 jump-form concrete pour in the background</b></p>	<p><b>Level B3 view South showing Topping slab formwork and steel fixing</b></p>
	
<p><b>Pacific highway logistics lane in operation -view North</b></p>	<p><b>North tunnel portal ongoing wall steel fixing/formwork</b></p>
<p><b>PS-ISD</b></p>	
	
<p><b>Pitt St South (PSS) Perimeter wall to ground level</b></p>	<p><b>PSS capping beam on right to be cut at Street level</b></p>





HBI

Healthy Buildings International Pty Ltd

<p><b>PSS -Various steel fixing and formwork at B01M level</b></p>	<p><b>PSS B3 interior construction</b></p>
<p><b>Eastern cavern track slab and platform</b></p>	<p><b>Western cavern track slab and platform with OTE above</b></p>
<p><b>Pitt St North (PSN) Jumpform Western structure to Level 4</b></p>	<p><b>PSN western side: FRP at levels B01M and Ground</b></p>
<p><b>PSN eastern side: FRP at level B01 and B01M</b></p>	<p><b>PSN Pitt St capping beam removal, at street level</b></p>





<b>WL-ISD</b>	
	
Heritage find of old tram tracks in Botany Rd during Utility Works	Preparations for sawcutting on Cope St. noise blankets on pedestrian fencing. Tree protection in place adjacent work
	
Wall pour on eastern side of Station Box	Wet down of internal site access to mitigate dust generation

<b>Endorsed Document/s</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>Groundwater Management Plan Rev G</li> <li>OOHW17 Rev 3 - ongoing works at VCS</li> <li>OOHW15- North site structures Rev 6</li> <li>OOHW 012 - HV Pipe Removal</li> <li>CEMP Rec02</li> </ul>
<b>CN-ISD</b>
<ul style="list-style-type: none"> <li>Minor Ancillary facility – Clarke Lane South</li> <li>OOHW10 – Extended Hours Woks (excludes tower crane use after 10 pm)</li> <li>OOHW 011 - Ultegra Cable Hauling and Backfilling</li> </ul>
<b>PS-ISD</b>
<ul style="list-style-type: none"> <li>OOHW 31 - Dec21 and Jan22 OOHW</li> </ul>
<b>WL-ISD</b>



<ul style="list-style-type: none"> <li>▪ Cope St Consistency Assessment</li> <li>▪ OOH-021 OOHWA Ausgrid Spotter Wellington Street</li> <li>▪ December Out of Hours Work Application #23 Rev B</li> </ul>
<b>Complaints / Incidents / Non-compliance</b>
<b>ALL</b>
<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. 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 was one complaint regarding lighting going out on the hoarding.</p>
<b>VC-ISD</b>
<p>Nil incidents or non compliances were reported or observed during the reporting period. Two complaints were reported by the project during the reporting period with one relating to worker behaviour and the other not project related.</p>
<b>CN-ISD</b>
<p>There was one non compliance - in relation to storage on Clark Lane South. One minor incident (resident vehicle damage due to contact with items stored on Clarke Lane South) reported to the ER, which was managed adequately. Eight (8) complaints were reported by the project during the reporting period. All related to OOH noise, particularly over-size precast concrete girder delivery and tower crane use during the night period.</p>
<b>PS-ISD</b>
<p>There were no non compliances or Incidents reported to the ER. There were 2 (two) complaints during the period, both relating to noise.</p>
<b>WL-ISD</b>
<p>There was one non compliance reported to the ER this reporting period:</p> <ul style="list-style-type: none"> <li>▪ NCR (25/10/21) - Completing work (saw cutting) out of hours that was not approved in the out of hours permit. This resulted in a community complaint and a non-conformance with CoA E47</li> </ul> <p>Complaints received:</p> <ul style="list-style-type: none"> <li>▪ 16/11/21 Traffic – Incident regarding traffic control misdirecting traffic and pedestrians. Site Manager witnessed incident and clarified incident was not caused by traffic control. Vehicle (taxi) through on the wrong side of the road just as passengers alighted a bus. Taxi sped through, resulting in a near-miss collision with the passenger.</li> <li>▪ 16/11/21 Traffic – Safety Investigation conducted by Safety Team. Friday night at Botany/Henderson intersection involving his mother and requested a follow-up call to his mother. Called stakeholder as a duty of care to check in on his mother.</li> <li>▪ 15/11/21 Noise and vibration (Standard hours) – Angry that traffic controllers were talking. Shouted abuse and endangered safety of the traffic controllers. Formal Police report.</li> <li>▪ 04/11/21 Traffic, Transport &amp; Parking and Worker behaviour – Committed to improving signage immediately and removing water filled barriers that were no longer required</li> <li>▪ 4/11/2021 - Traffic, Transport &amp; Parking - Stakeholder called to complain about lack of parking and signage in the area.</li> <li>▪ 2/11/2021 - Noise &amp; Vibration –OOHW - Stakeholder complained about OOH utility work.</li> <li>▪ 28/10/2021 - Traffic, Transport &amp; Parking - Stakeholder calling to complain about workers parking in the business car spaces.</li> <li>▪ 27/10/2021 - Noise &amp; Vibration- OOHW - Stakeholder complaining about work taking place outside standard work hours.</li> <li>▪ 26/10/2021 - Noise &amp; Vibration- OOHW - Stakeholder was complaining about noisy work disrupting his sleep.</li> <li>▪ 25/10/2021 - Air Quality/Noise &amp; Vibration -Stakeholder complained about noise and dust from the station box outside standard work hours.</li> <li>▪ 19/10/21 - Cumulative Impact, Noise &amp; Vibration (Standard Hours Complaint) – Resident yelling abuse at Traffic Controllers about utility works ay corner Wellington St &amp; Cope St. CPM visited resident.</li> </ul> <p>Incidents reported to the ER this reporting period:</p> <ul style="list-style-type: none"> <li>▪ 26/10/21 -During utility work which required trenching to install new electrical cables an unexpected utility (water) leak occurred at corner of Wellington/Cope St roundabout. JHG notified the EPA of the incident and provided an emergency works report to SM. 27/10/21</li> <li>▪ Minor diesel spill (2L) onto hardstand (north of the church) near mobile crane within the Project site</li> </ul>

<b>Audits (specific to packages reported in this report)</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>	
<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> </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 monitoring and minimisation of impacts on receivers, particularly, particularly in relation to over-size precast concrete girder delivery and tower crane out of hours use.</li> <li>Compliance tracking program reporting Q2 2021.</li> </ul>	
<b>PS-ISD</b>	
<ul style="list-style-type: none"> <li>Out of hours works focus on justifications and assessment compliant with OOH Protocol, and monitoring and minimisation of impacts on receivers.</li> <li>Management of noise impacts during capping beam removal works</li> <li>Compliance tracking program reporting Q2</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. JHG investigating option of pursuing a community agreement.</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>▪ Site compound establishment ongoing</li><li>▪ Stormwater trunk relocation works, including sheet piling, trenching and pipe installation</li><li>▪ Water Treatment Plant (WTP) operation</li><li>▪ Rigging of the tower crane</li><li>▪ Demolition of the concrete precast beams over the station box and the southern pile cap</li><li>▪ Removal of steel girders by 500T crane</li><li>▪ Waterproofing the station box</li><li>▪ Demolishing temporary foundations in the station entrance area</li><li>▪ Installing new site hoarding</li><li>▪ Installing structural steel, concrete and blockwork in the station box</li><li>▪ Installing cable trays and cabling in the northern shaft and within the tunnels between Barangaroo and Victoria Cross</li><li>▪ Delivery of materials, plant and equipment to the northern shaft acoustic enclosure</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 due for 15 December</li></ul>		
<b>ER Inspections</b>		
<p>There were two ER inspections conducted by the ER in November 2021 (11/11/2021 and 25/11/2021). The key issues raised at these inspections were:</p> <ul style="list-style-type: none"><li>▪ High impact noise activities, including sheet piling and concrete breaking/pecking continued into the agreed respite period with the childcare centre on High Street of 9.30am-10.30am (an additional hour of respite is offered from 12.30-1.30pm) The activities appeared to be noncompliant with the agreed respite periods and CoA E37 and/or E38.</li><li>▪ A large area of water had pooled in the centre of the site. It was not clear why the issue had occurred. A pump was being organised to divert the water to the Water Treatment Plant (WTP). TSE is understood to have been issued a defect notice for clean-up of the site, with a lot of litter and other materials discovered after their demobilisation.</li><li>▪ Two full IBCs of Potassium Permanganate were stored next to the WTP without bunding.</li><li>▪ Builders sand had been used as a bund to prevent water ingress into open penetrations. This is assumed to have been in response to recurring groundwater overflow from the sump on Level B3.</li></ul>		
<b>Photos</b>		
		
Sheet piling occurring into the 9:30 - 10:30 am respite period	Water pooled in the centre of the site due to failed pumps	



	
<b>IBCs of Potassium Permanganate stored without secondary containment</b>	<b>Builders sand had been used as a bund to prevent water ingress into open penetrations</b>
<b>Endorsed Document/s</b>	
<ul style="list-style-type: none"> <li>BN OOHWA-005 - Ausgrid Pit Inspection</li> <li>BN OOHWA-002.1 - Station Works, Dec 2021 &amp; Jan 2022</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 Barangaroo Station.</p>	
<p>There were no non-compliances reported to the ER for Barangaroo Station for the period.</p>	
<p>There were no incidents for Barangaroo Station reported to the ER under conditions A41 of SSI 7400.</p>	
<p>The ER is aware of one complaints received during November 2021 related to the BESIX Watpac works:</p>	
<ul style="list-style-type: none"> <li><b>13/11/2021:</b> The complaint related to the scheduling of noisy works during standard construction hours. The complainant requested that noisy works take place later in the day rather than from 7am. Agreed respite periods were explained to the complainant (9:30-10:30 am and 12:30-1:30 pm).</li> </ul>	
<b>Audits</b>	
<p>No ER involvement in audit activity including Independent Environmental Audits.</p>	
<b>Looking Forward – Core Focus Areas</b>	
<ul style="list-style-type: none"> <li>The management of water in the deep excavation for the stormwater trunk main</li> <li>Compliance with water quality parameters in the Water Discharge Impact Assessment (WDIA) during discharge from the Water Treatment Plant</li> <li>Compliance with respite periods</li> </ul>	

## 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>Ewart Street, Dulwich Hill:</b> Quenos pipe removal in preparation for installation of hi-rail access pad</li> <li>▪ <b>Melford Street, Hurlstone Park:</b> Preparation for throw screen installation to Melford Street Bridge</li> <li>▪ <b>Church Street, Hurlstone Park:</b> Bridge repairs completed</li> <li>▪ <b>Canterbury Compound:</b> Site offices and amenities, fuel and gas storage. Demolition of the former Bowls Club complete. Preparation work new carpark commenced including surface scrape, levelling, and material import. Lower carpark stabilised in preparation for proof rolling and asphalt.</li> <li>▪ <b>Loftus Street/Lillian Lane, Campsie:</b> Continuation of GST installation on both sides of the Loch Street Bridge</li> <li>▪ <b>Peel Street access, Belmore / Belmore AMZ:</b> Non-destructive digging (NDD) for service location in preparation for GST installation. GST installation, including post excavation under supervision of the project archaeologist.</li> <li>▪ <b>Moreton Street &amp; Bridge, Belmore:</b> GST installation in rail corridor; Gabion wall construction complete and batter stabilised; Bridge piles and pile caps for throw screens complete WE20; GST installation on hold pending ecologist and arborist inspections for works within close proximity to a Threatened Ecological Community (TEC).</li> <li>▪ <b>Belmore Triangle, Redman Parade:</b> Material bays set up for the stockpiling of quarry materials and spoil. Slurry storage from vacuum trucks. ULX pit backfilled &amp; complete WE20.</li> <li>▪ <b>Cecilia Street, Belmore:</b> Continuation of GST installation</li> <li>▪ <b>RW21, Railway Parade Lakemba:</b> Batter chute excavation and vegetation removal complete. Works to recommence WE19 including batter chute FRP and riprap for drainage.; HV pit yet to be blinded.</li> <li>▪ <b>Punchbowl Laydown Area, Urunga Parade:</b> Stockpiling and slurry storage. Protection of threatened species <i>Acacia pubescens</i></li> <li>▪ <b>Punchbowl Substation, South Parade/Scott Street:</b> Protection of threatened species <i>Acacia pubescens</i>; PC handover to Linewide</li> <li>▪ <b>Stansfield Ave, Punchbowl:</b> Form Reo Pour (FRP) in ULX Pit; Spoil loadout to Punchbowl stockpile laydown</li> <li>▪ <b>South Terrace Access Track, Punchbowl:</b> Maintenance of tree protection measures for Threatened Ecological Community (TEC) and threatened species, <i>Acacia pubescens</i></li> <li>▪ <b>Bankstown Early Works (BEW) - North Terrace Site Compound:</b> Site compound setup complete and operations commenced</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>Gate PB6, South Terrace Punchbowl:</b> Pit excavation for installation of local CSR route; Tree protection zone in place; Dewatering post-rainfall</li> <li>▪ <b>Gate PB10 (BEW), South Terrace Punchbowl:</b> NDD for tree roots; Buried route to ULX commenced</li> <li>▪ <b>Gate PB15, South Terrace Punchbowl:</b> CSR and piling for GST bridge</li> <li>▪ <b>Bankstown Early Works (BEW) – Metro Services Building (MSB):</b> Piling for the MSB commenced; Asbestos removal at southern platform area underway; Fencing for southern platform work zone established in part of the bus layover area; Steel fixing upon the piling pad; Spoil loadout; Maintenance of boundary controls, hazardous chemical storage</li> <li>▪ <b>BEW – Southern down platform:</b> Piling for platform commenced; Surface stripped and controls placed during wet weather</li> </ul>		
<b>Key Construction Activities Look Ahead</b>		
<ul style="list-style-type: none"> <li>▪ <b>Dulwich Hill:</b> Quenos pipe removed from ground (remains on site for disposal); Vegetation removal and pruning at Ewart Street (new gate to hi rail pad); Livingstone Road bridge repairs – ongoing; Removal of Stockpile 33</li> <li>▪ <b>Hurlstone Park:</b> WE25 Possession – Melford Street Bridge Repairs; Variation issued to continue GST (630 Package) under Melford Street Bridge to the traction substation</li> <li>▪ <b>Canterbury compound:</b> Moving material off bowls club area; Proof rolling and asphalt Canterbury Bowls Club lower carpark area</li> <li>▪ <b>Belmore:</b> Spoil removal Stockpile 34 at Belmore Triangle – ongoing; GST in the Archaeological Management Zone (AMZ) through Gate BE3 –country side of Belmore station</li> </ul>		

- **Lakemba:** GST above Retaining Wall 21
- **Punchbowl:** CSR installation – ongoing; Pit 22 Stanford Ave; Pit 42 – local routes on South Terrace; Stacey Street OOHW Wednesday 01/12 – Ausgrid scanning and survey work
- **Bankstown:** Stacey Street drilling for throw screens – WE25
- **Bankstown Early Works:** North Terrace compound permanent power supply still to be connected; Piling works at southern down platform – ongoing; Ground beam install; CSR

#### ER Inspections

There were three ER inspections conducted by the ER in November 2021 (02/11/2021; 17/11/2021 and 30/11/2021). The key issues raised were:

- Cess drainage pits were unprotected and required maintenance after rainfall in the vicinity of two GST installation work areas
- Jerry cans of diesel and ULP were stored without secondary containment in some areas
- A covered stockpile of unknown material was located at the base of the batter chute below RW21, Lakemba. The final design of the batter chute was questioned (geofabric hanging out the edge etc.); awaiting response to RFI
- A generator and 1,000L diesel fuel cell were located adjacent to an open stormwater culvert at the BEW North Terrace Site Compound. While the generator and fuel cell are likely to be self-bunded, there was a risk of fuel leakage or spill via the transfer process. A nearby spill kit bin was almost empty.
- Excess cement mix was observed in a grassed area, which should be moved to a designated waste storage area
- Minor tracking and sediment was observed in the gutter at the site access to the Belmore AMZ. While there was evidence of street sweeper use, the access had not been attended.

Actions were raised for the above issues, and all actions were in the process of being closed-out by JHLOR.

#### Photos



**Moreton Street, Punchbowl:** Cess drainage pits were unprotected in the vicinity of the GST installation work area



**Bankstown MSB Site:** Two jerry cans of diesel were stored without secondary containment



**RW21, Lakemba:** RFI issued for final batter chute design, and plans for removal or respreads of covered material









**BEW North Terrace Compound:** A generator and 1,000L diesel fuel cell were located adjacent to an open stormwater culvert. Controls have since been placed to reduce risk until the site compound is switched to mains power.



Endorsed Document/s
<ul style="list-style-type: none"> <li>SMC Belmore Triangle Minor Ancillary Facility Checklist Rev 05</li> <li>SMC CTR Q3 2021</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 SMC.</p> <p>The ER is not aware of any non compliances for SMC for the period.</p> <p>There were no incidents for SMC reported to the ER under conditions A36 of SSI 8256.</p> <p>There were two Class 3 environmental incidents reported during the period:</p> <ul style="list-style-type: none"> <li><b>SMC-INC-008 (3/11/2021):</b> A number of small tree branches had been trimmed without a Vegetation Removal/Trimming Permit in place. Barricades and signage were in place around the tree. An investigation found less than 5% of the overall live crown has been removed and the pruning has not significantly impacted the condition or amenity value of the tree.</li> <li><b>SMC-INC-009 (7/11/2021):</b> A subcontractors 42t Kolmar Hi-Rail Excavator came off the tracks. At the time of derailment a hydraulic hose split, spilling approximately 3-5 litres of oil. Most of the oil was captured following the deployment of a spill kit. JHLOR sprayed Oil-Gone over the impacted ballast. The spill kit material has been cleaned up.</li> </ul> <p>The ER is not aware of any complaints received during November 2021 related to the SMC 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>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 GST works in the Belmore AMZ</li> <li>Implementation of the Tree Report during vegetation pruning and removal</li> <li>Management of noise during OOHW WE25 possession and Christmas Shutdown</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><b>Marrickville:</b></p> <ul style="list-style-type: none"> <li>Platform 0 – Removal of concrete mass (high impact works) and concreting of platform coping was completed.</li> <li>Platforms – Building fit out and service installation continued.</li> <li>Metro Services Building (MSB) – conduits / drainage installation and formwork for slab commenced.</li> <li>Installation of throw screens on Illawarra Road Bridge.</li> </ul> <p><b>Canterbury:</b></p> <ul style="list-style-type: none"> <li>MSB – Excavation of spoil continued.</li> <li>MSB – Relocaiton of sewer was completed.</li> <li>Platforms – Building fit out and service installation continued.</li> <li>Platform 0 – concreting of platform coping had commenced.</li> </ul> <p><b>Lakemba:</b></p> <ul style="list-style-type: none"> <li>Platform – Building fit out and service installation continued.</li> <li>MSB – Concrete pours for retaining wall piles had been completed.</li> <li>MSB – Excavation of spoil continued.</li> </ul>		
<b>Key Construction Activities Look Ahead</b>		
<p>December possession and two-week shutdown</p> <ul style="list-style-type: none"> <li>Installation of prefabricated concourses</li> <li>Lakemba – Platform demolition and installation of prefabricated platform.</li> <li>MSB construction at all sites.</li> </ul>		
<b>ER Inspections</b>		
<p>There were two ER inspections conducted by the ER on 03/11/2021 and 17/11/2021 The key issues raised at these inspections were:</p> <p><b>Marrickville:</b></p> <ul style="list-style-type: none"> <li>Correct storage of fuel containers.</li> <li>Minor maintenance and updates of erosion and sediment controls (ESC).</li> <li>General housekeeping (rubbish removal) and waste segregation post possessions.</li> </ul> <p><b>Canterbury:</b></p> <ul style="list-style-type: none"> <li>Correct storage of fuel containers.</li> <li>Minor maintenance of update of ESC.</li> <li>Minor spills (hydrocarbon and concrete).</li> </ul> <p><b>Minor Lakemba:</b></p> <ul style="list-style-type: none"> <li>Minor maintenance and updates of ESC</li> <li>Inconsistent parking signage on Railway Parade.</li> <li>Noise mitigation for water pumps.</li> </ul>		
<b>Photos</b>		
		
Marrickville MSB formwork evident	Marrickville removal of concrete mass completed	

	
<b>Canterbury Platform 0</b>	<b>Canterbury MSB – completion of sewer realignment</b>
	
<b>Lakemba – MSB formwork for retaining wall</b>	<b>Lakemba – MSB loadout of spoil (minor tracking actioned)</b>
<b>Endorsed Document/s</b> <ul style="list-style-type: none"> <li>OOH WE17</li> <li>Stormwater and flooding management plan. The plan has been reviewed and will be incorporated into the next Rev of the SWMP.</li> <li>MCL CTR Q1_Q2 2021 (Package 4)</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 MCL.</p>	
<p>The ER is aware of one NCR for the month and two complaints relating to MCL works and two not related to MCL works for the period.</p>	
<p>The NCR was in relation to a lack of vibration monitoring while jackhammering in the Canterbury station building.</p>	
<p><u>Complaints:</u></p>	
<p>A summary of the complaints received in the period is as follows:</p>	
<p><u>Marrickville:</u> Two complaints not related to MCL works for OOH delivery and asphalting works.</p>	
<p><u>Canterbury:</u> One complaint in relation to dust (possibly due to Council works due to location).</p>	
<p><u>Lakemba:</u> One complaint in relation to ban on workers using local businesses (Covid safe measure).</p>	
<b>Audits</b>	
<ul style="list-style-type: none"> <li>HSEJV External Audit – 15/11/21</li> </ul>	
<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>Traffic access and control, vibration and noise mitigation, erosion and sediment control.</li> <li>Planning upcoming possessions, including possession meetings with other metro contractors</li> <li>Compliance tracking program reporting (Q3, 2021)</li> <li>Inspections for potentially high impact works, in particular the Marrickville ULX and Lakemba platform demolition.</li> </ul>	

## 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 retaining wall completed</li> <li>MSB – Drainage investigation works continued</li> <li>Station fit out continued</li> </ul> <p><u>Belmore</u></p> <ul style="list-style-type: none"> <li>MSB roof installed</li> <li>Station fit out continued</li> <li>Landscaping of plaza commenced</li> </ul> <p><u>Wiley Park</u></p> <ul style="list-style-type: none"> <li>MSB brick works commenced</li> <li>Concourse demolition completed</li> <li>Station fit out continued</li> </ul> <p><u>Dulwich Hill:</u></p> <ul style="list-style-type: none"> <li>MSB conduits installed, formwork commenced</li> <li>Drainage works continued</li> <li>Station fit out continued</li> <li>Preparation for upcoming prefabricated installation of lift shafts and pedestrian bridge</li> </ul> <p><u>Campsie:</u></p> <ul style="list-style-type: none"> <li>MSB Drainage works ongoing</li> <li>MSB – installation of raised concrete base for MSB</li> <li>Station fit out continued</li> </ul> <p><u>Punchbowl:</u></p> <ul style="list-style-type: none"> <li>MSB – concrete slab completed, and structural steel installation commenced</li> <li>Southern stairs demolished and re-built</li> <li>Station fit out continued.</li> </ul>		
<b>Key Construction Activities Look Ahead</b>		
<p><u>Hurlstone Park</u></p> <p>MSB – Drainage works and construction of structure</p> <ul style="list-style-type: none"> <li>Demolition and reconstruction of platform stairs</li> <li>Installation of lift shafts</li> <li>Continued station fit out</li> <li>Minor relocation of MSB minor ancillary facility</li> </ul> <p><u>Belmore</u></p> <ul style="list-style-type: none"> <li>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</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>MSB drainage works and construction of structure</li> <li>Plaza landscaping works</li> <li>Installation of pedestrian bridge and lift shafts</li> <li>Continued station fit out</li> </ul> <p><u>Campsie:</u></p>		

- MSB drainage works and construction of structure
- Reconstruction of concourse
- Continued station fit out

Punchbowl:

- Continued construction of MSB
- Installation of lift shafts
- Continued station fit out
- Landscaping of Plaza

**ER Inspections**

There were two ER inspections conducted by the ER for HBW on 11/11/21 and 25/11/21, and DCP on 03/11/2021 and 18/11/2021. The key issues raised at these inspections were:

All sites

- Minor housekeeping of rubbish post possessions.
- Preparation for rain events.

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





Campsie:



- Safe installation of noise blanket

Punchbowl:

- Installation of tree protection zone in PAD
- Spill kit maintenance
- Minor concrete washout outside of bunded area.



Photos	
	
<b>Hurlstone Park MSB Minor ancillary facility and retaining wall</b>	<b>Wiley Park construction of MSB and station shelter</b>
	
<b>Belmore MSB and plaza landscaping</b>	<b>Punchbowl new stairs and MSB construction</b>

	
<b>Campsie MSB</b>	<b>Dulwich Hill MSB and Abutment A</b>
<b>Endorsed Document/s</b>	
<ul style="list-style-type: none"> <li>Soil and Water Management Plan for DCP and HBW (Endorsed 15/11/21)</li> <li>Heritage Management Plan for DCP and HBW (Endorsed 15/11/21)</li> <li>OOH Emergency works</li> <li>OOH WE19</li> <li>HBW Compliance Tracking Review (CTR) Q1_Q2 2021 (package 5)</li> <li>DCP CTR Q1_Q2 2021 (package 6)</li> <li>A19 Minor Ancillary Facility Assessment HP MSB</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 HBW.</p>	
<p>The ER is aware of one new non-compliance raised in November for October activities, and twelve complaints for DCP/HBW for the period (noting that three were not related to Downer's works).  The NCR was in relation to the installation of banner mesh at Wiley park in accordance with CoA A20.</p> <p><u>Complaints:</u>  All complaints are summarised as follows:</p> <p><u>Hurlstone Park</u></p> <ul style="list-style-type: none"> <li>One complaint for general noise during construction, investigation indicated Sydney Trains were tamping during this period (Not related to Downer).</li> <li>One complaint regarding the relocation of the bus stop and parking fines (related to council activities and not Downer works)</li> </ul> <p><u>Wiley Park</u></p> <ul style="list-style-type: none"> <li>Three complaints relating to traffic and parking</li> </ul> <p><u>Dulwich Hill</u></p> <ul style="list-style-type: none"> <li>One dust complaint</li> <li>One property access complaint</li> <li>Two noise complaints (one for site radio and one general)</li> <li>One water management (noted to be during significant rainfall event that overflowed controls)</li> </ul> <p><u>Punchbowl</u></p> <ul style="list-style-type: none"> <li>One related to noise and expected timeframe of works (mis-read notification and noise works not related to Downer)</li> </ul> <p>There were no incidents for HBW or DCP reported to the ER under conditions A36 of SSI 8256.</p>	



Audits	
No ER involvement in audit activity including Independent Environmental Audits (IEA Program).	
Looking Forward – Core Focus Areas	
<ul style="list-style-type: none"> <li>Continued updates and implementation of CEMP, Sub-Plans and ESCP.</li> <li>Focus on noise mitigation, stakeholder consultation, workforce behaviours and idling vehicles on all sites.</li> <li>Planning for upcoming possessions in December and January.</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
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	▪ Nil	
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. There were no non compliances or incidents raised by the ER against Sydney Metro for the period.		
Audits		
SM	Nil	
Looking Forward – Core Focus Areas		
SM	▪ Compliance review Q1 and Q2 2021 remains outstanding and is to be prepared and provided to the ER for endorsement.	

## **11. 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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