

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

7 August 2021  
Ref: 170108-ER\_DPIE-July 2021

Dear Rob

**RE: Sydney Metro City & South West – ER Monthly Reports for July 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 following work packages for the month of **July 2021**.

- Tunnel and Station Excavation (TSE)
- Central Station (CSMW)
- Sydenham Station and Junction (SSJ)
- Line Wide (LWW)
- Train Service Operation and Maintenance (TSOM)
- Integrated Station Developments (ISDs)
- Barangaroo Station (BS)
- Sydenham to Bankstown (S2B) works packages including:
  - Corridor Works (SMC),
  - Marrickville, Campsie and Lakemba (MCL),
  - Hurlstone Park, Belmore and Wiley Park Station Upgrades (HBW), and
  - Dulwich Hill Campsie and Punchbowl Station Upgrades (DCP)
- Relevant Sydney Metro Retained Obligations and Activity

Yours sincerely

Jo Robertson  
Environmental Representative

Cc:

Sydney Metro: Carolyn Riley, Fil Cerone, Ben Armstrong, Pam Tummers, Simon Fisher, Andrew Hendy, Tim Solomon, Ann Paterson, Julia Diamond, Chris Berg, Chris Dickson

AA: Dave Anderson, Larry Clark

Contractors: Stuart Anstee (TSE), Lucas Dobrolot (Central), Jason Ambler (MPISD and VCISD), Sally Reynolds (WLISD), Andrew Zvirzdinas (Pitt St ISD), Matt Billings (LWW/TSOM), Daniel Keegan (SSJ, SMEW, SMC), Brad Cole (Package 4 MCL), Gareth O'Brien (Package 5 – HBW and Package 6 - DCP), Mike Nevan (Barangaroo)

DPIE Compliance: Portal, Compliance Email, Alex McQuirk; Rob Sherry

DPIE Post Approvals: Matthew Todd-Jones, Rebecca Eddington, Shelley Reed, Grant Brown, Jake Shackleton

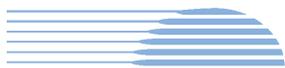
IEA: Larry Weiss, Julie Dickson

Project Approval	Contract Package	Environmental Representative/s
SSI 7400 (C2S)	Tunnel and Station Excavation (TSE)	Michael Woolley
<b>Key Construction Activities</b>		
TSE	<p><b>Barangaroo Station:</b></p> <ul style="list-style-type: none"> <li>▪ Construction pause between 17-30 July where no construction works undertaken due to NSW Government COVID Health Orders</li> <li>▪ Ongoing form reo pour (FRP) works in the station box and sharks fin</li> <li>▪ Water treatment plant (WTP) operating</li> <li>▪ Laydown on surface work areas</li> </ul>	
<b>ER Inspections</b>		
TSE	<p>There were no ER Inspections carried out in July 2021 due to COVID restrictions. JHCPBG conducted one inspection on 13th July 2021 in lieu of the scheduled ER Inspection. One new issue was identified during the inspection:</p> <ul style="list-style-type: none"> <li>▪ Spill noted onsite. &lt;5L of oil spilled near bunds from unknown source. JHCPBG raised an action to report the spill and to clean up the spill.</li> </ul>	
<b>Endorsed Document/s</b>		
TSE	<ul style="list-style-type: none"> <li>▪ TSE Q1 2021 CTR (final review)</li> </ul>	
<b>Complaints / Incidents / Non-compliance</b>		
TSE	<p>It is understood that Sydney Metro has been providing summaries of complaints to DPIE daily. Responses to each complaint have been noted in each complaint report provided to the ER, with follow up actions often defined in revised reports.</p> <p>There were two complaint reported to have been received for the TSE works during the reporting period both relating to daytime noise. There were no incidents reported by JHCPBG as defined by the project approval definition for incidents under condition A41.</p> <p>JHCPBG advised on 8 July that during the validation reporting process for Marrickville Stabling Yard it was identified that some waste was taken to two disposal locations, that were subsequently identified during internal processes to not meet specific licence conditions for the disposal facilities – specifically the 95% UCL for CT1 and ‘other limits’ condition on the EPL. Written approval was obtained from both sites stating they could legally accept this waste and all processes required under TSE EPL20971 were followed. As such a non-statutory notification was made to the EPA informing them of the discrepancy. The EPA has responded and requested additional information and records which was being compiled by JHCPBG.</p> <p>TSE Contractors submitted a revised report in July titled “<i>TSE Works Monitoring Summary Report Compliance with Planning Approval Conditions E61 &amp; E63</i>” that related to a number of TSE Construction sites. This was under review during the reporting period by the ER.</p>	
<b>Audits (specific to packages reported in this report)</b>		
TSE	<ul style="list-style-type: none"> <li>▪ Audit of CSWMP – 07/07/2021</li> </ul>	
<b>Looking Forward – Core Focus Areas</b>		
TSE	<ul style="list-style-type: none"> <li>▪ Compliance with Condition E61.</li> </ul>	



Project Approval	Contract Package	Environmental Representative/s
SSI 7400 (C2S)	Central Station	Michael Woolley
<b>Key Construction Activities</b>		
Central Station	<ul style="list-style-type: none"> <li>▪ Construction Pause with no construction works between 17<sup>th</sup> and 30<sup>th</sup> July. There was minimal on site presence for security; to maintain the WTP and on site monitoring.</li> </ul> <p>Works conducted outside of Construction pause included:</p> <ul style="list-style-type: none"> <li>▪ Metro Box - Truck movements; spoil excavation; metro box ventilation using scrubbers. Ongoing construction activities. Steel fixing and concrete pours in lower sections. Construction of chiller room to the south end of the Metro Box.</li> <li>▪ Central Walk – Some excavation activities ongoing. Form Reo Pour (FRP) works for columns, shotcreting. Works within hoarded work zones on suburban Platforms 16-23. Ongoing fit out including installation of final panels around the new escalators.</li> <li>▪ Sydney Yard - Water Treatment Plant Operation; truck access; laydown. Stockpiling, processing and loadout of excavated material.</li> <li>▪ Northern Concourse – Ongoing works at intersection of Northern Concourse and Metro Box area.</li> <li>▪ Eastern Entrance – Detail excavation around footing of adjacent building completed. Waterproofing of walls. Form reo pour (FRP) works.</li> <li>▪ Devonshire Street Tunnel- In operation and used by commuters.</li> <li>▪ CSR works Railway Parade – Compound area in use to support drilling of bores for the combined services route (CSR) between Ghost Platform and Metro Box. Equipment in the compound includes 3 generators; a screening device for treatment of drilling muds and other equipment. A sucker truck is being used to empty the mud bins when needed.</li> <li>▪ ESR Concourse - 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. Support for CSR drilling activities.</li> <li>▪ Eddy Ave Booster - Area of booster surrounded by ATF fencing.</li> </ul>	
<b>ER Inspections</b>		
Central Station	<p>There were no ER inspections conducted during the reporting period due to COVID and site access restrictions.</p> <p>LOR conducted two inspections during the period on 14<sup>th</sup> July 2021 and 18<sup>th</sup> July 2021. The inspection held on the 18<sup>th</sup> July was after the announcement of the construction pause and was to ensure the site controls were in place prior to the two week shutdown. The inspection reports and photos from the inspections were discussed during fortnightly meetings held on the 14<sup>th</sup> and 28<sup>th</sup> July. There were no specific issues raised in the inspection reports.</p>	
<b>Endorsed Document/s</b>		
Central Station	<ul style="list-style-type: none"> <li>▪ Nil this reporting period</li> </ul>	
<b>Non-compliance/ Incidents or Repeat Complaints</b>		
Central Station	<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. The majority of complaints related noise.</p> <p>No incidents or non compliances were observed by the ER or reported to the ER during the reporting period.</p>	
<b>Audits</b>		
Central Station	<ul style="list-style-type: none"> <li>▪ Nil this reporting period.</li> </ul>	
<b>Looking Forward – Core Focus Areas</b>		
Central Station	<ul style="list-style-type: none"> <li>▪ Noise impacts to residents on Chalmers Street during COVID restrictions when more people are at home during the day.</li> </ul>	

Project Approval	Contract Package	Environmental Representative/s
SSI 7400 (C2S)	Sydenham Station and Junction (SSJ)	Jo Heltborg
<b>Key Construction Activities</b>		
SSJ	<ul style="list-style-type: none"> <li>▪ Bankstown curve: GST and security fencing installation</li> <li>▪ Geotechnical Area: Underbore conduit and grouting complete, pit tie-in works underway. Gabion retaining wall construction continued. Security fencing, GST and GLT</li> <li>▪ Burrows Ave / Station plaza: Bench installation and bike shed construction ongoing. Preparation for tree planting/landscaping. Awaiting Ausgrid outage to complete power pole installation and pavement restoration on Burrows Ave</li> <li>▪ Bolton St / Hogan Ave: Paving works complete on Bolton Street, joining to the station plaza</li> <li>▪ Sydenham Station, Platforms 1 &amp; 2: Continuation of works to new station structures and construction of Metro Platforms 1 &amp; 2/3. Platform 1 building construction ongoing</li> <li>▪ Sydenham Road: Sydenham Road widening works ongoing including footpath paving. Extension of new kerb and gutter toward the main site</li> <li>▪ 11 Sydenham Rd (including Garden Street): Backfill and levelling for new trackwork, including laying of track slab and cess drain installation. Construction of Northern Metro Services Building (MSB) continuing, including solar installation, retaining wall construction and stairs</li> <li>▪ Sydenham Pit and Pumping Station: Retaining Wall 4 (RW4) complete; cess drainage works ongoing</li> <li>▪ Confluence Structure and Temporary Upstream Connection: Stockpiling, earthworks and infill ongoing up to the Bedwin Road site</li> <li>▪ Bedwin Road: Continuation of track slab drainage</li> </ul>	
<b>ER Inspections</b>		
SSJ	<p>There was one inspection conducted by the ER in July 2021 (01/07/2021). The key issues discussed were:</p> <ul style="list-style-type: none"> <li>▪ Maintenance of boundary ERSED controls</li> <li>▪ Risk of sediment entry into Sydenham Pit during infill of RW4.</li> <li>▪ Tracking at the site access and improvements required to internal haul road condition at the geotech area due to high activity levels during underbore works.</li> </ul> <p>Actions were raised for the above issues, and all actions closed-out by JHLOR. Verification of close-out was not possible due to COVID restrictions limiting site access.</p>	
<b>Endorsed Document/s</b>		
SSJ	<ul style="list-style-type: none"> <li>▪ Nil this 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 SSJ.</p>		
SSJ	<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 was one minor Class 3 environmental incident reported to the ER during the period:</p> <ul style="list-style-type: none"> <li>▪ 14/7/2021: Approximately 5L of oil had been spilt on the haul road at the main site compound. Spill kit was applied and issue raised during pre-start.</li> </ul> <p>The ER is not aware of any complaints during July 2021 that could be attributed to the SSJ works.</p>	
<b>Audits</b>		
SSJ	<ul style="list-style-type: none"> <li>▪ Nil this reporting period</li> </ul>	
<b>Looking Forward – Core Focus Areas</b>		
SSJ	<ul style="list-style-type: none"> <li>▪ Management of ERSED controls generally</li> <li>▪ Completion of station structures and noise and vibration impacts during OOHW and possessions</li> <li>▪ Implementation of the tree replacement strategy</li> <li>▪ Completion of selected Conditions of Approval</li> </ul>	



Project Approval	Contract Package	Environmental Representative/s
SSI 7400 (C2S) SSI 8256 (S2B) SSI 5931 (SMTF)	Line Wide (Tallowong to Bankstown)	Swathi Gowda (North /South) George Kollias (Alternate ER)
<b>Key Construction Activities</b>		
Line Wide	<p><b>SMTF (North) – scheduled monthly July inspection unable to be undertaken – due to Covid19 Lockdown and Construction Pause)</b></p> <p><b>Northern Hub ((Incorporating Chatswood Dive Site Northern Connection, Hopetoun Ave and Valetta Lane)</b></p> <ul style="list-style-type: none"> <li>▪ Concrete pour preparatory works</li> <li>▪ Consist concrete pour</li> <li>▪ Tunnel cleaning (Down Line)</li> <li>▪ Rail lifting, adjusting and pre pour</li> <li>▪ Roughing cables (TSOM)</li> <li>▪ Cleaning and joint sealing (Up Line, Crows Nest end of tunnel)</li> <li>▪ Piling works for Eastern and Western Wall complete. Demobilisation works underway.</li> <li>▪ Preparatory works for Eastern Wall blinding pour underway</li> <li>▪ Site clean up underway in preparation for WE01 possession</li> <li>▪ Valetta Lane - spoil removal</li> <li>▪ Deliveries scheduled – sleepers (in and out), drainage materials for WE01 possession (Drake Street).</li> </ul> <p><b>Cleland Road Ancillary Site</b></p> <ul style="list-style-type: none"> <li>▪ Site used minimally – not in use/no works at time of inspection.</li> </ul> <p><b>Artarmon Traction Sub-station (TSS)</b></p> <ul style="list-style-type: none"> <li>▪ Cantilevered L Wall (continuing) – stripping joints, steel fixing, pre-fab formwork for footings</li> <li>▪ Drainage installation (ongoing)</li> <li>▪ CSR installation and backfill (ongoing)</li> <li>▪ Survey works</li> <li>▪ Deliveries scheduled – drainage pipes, aggregate and spoil load out.</li> </ul> <p><b>Artarmon BPS Excavation and Investigation Works Site – Carlotta St</b></p> <ul style="list-style-type: none"> <li>▪ No day works.</li> </ul> <p><b>Blues Point Access Site</b> - limited to only surface works /areas due to works in tunnels underway.</p> <ul style="list-style-type: none"> <li>▪ Beach access works – hoarding installation work underway (commenced on 28 Jun 21)</li> <li>▪ Preparatory works underway for various lifts into shaft and deliveries – Bingo bin, concrete, sleepers</li> <li>▪ Concrete pour (Up Line)</li> <li>▪ M&amp; E works (Down Line XP)</li> <li>▪ General site clean up</li> </ul> <p><b>Canterbury to Campsie Bulk Power Supply (BPS)</b></p> <ul style="list-style-type: none"> <li>▪ Pat O’Connor Reserve – SC report site team has demobilised and no works for few weeks. Not inspected.</li> </ul> <p><b>SW Corridor Traction Substation sites (TSS)</b></p> <ul style="list-style-type: none"> <li>▪ Operation of compound and laydown at Belmore Compound</li> <li>▪ Campsie TSS:               <ul style="list-style-type: none"> <li>○ Installation of steel reo and formwork shutters</li> <li>○ Excavation of cable trench (ongoing)</li> <li>○ Installation of conduits (ongoing)</li> <li>○ Deliveries scheduled – rebar and trucks for spoil loadout</li> </ul> </li> <li>▪ Punchbowl TSS:               <ul style="list-style-type: none"> <li>○ Piling in progress for continuous pile wall for TSS</li> <li>○ Deliveries scheduled – forma tube for piles, concrete</li> </ul> </li> <li>▪ Dulwich Hill TSS:               <ul style="list-style-type: none"> <li>○ Excavation for TSS building and cable trench (ongoing)</li> <li>○ Spoil loadout underway</li> </ul> </li> </ul> <p><b>Surry Hills – Central Bulk Power Supply Works</b></p> <ul style="list-style-type: none"> <li>▪ No day works reported. Not inspected.</li> </ul>	



	<p><b>Southern Dive and SMTF South Marrickville</b></p> <ul style="list-style-type: none"> <li>▪ Rail adjustments, FRP works and painting of Dekor plates (Down Line)</li> <li>▪ Installation of Riser Main Pip, brackets, noise panels (Down Line)</li> <li>▪ Administration Building – water proofing works underway</li> <li>▪ Administration and Maintenance Building (North) – installation of in- ground fire/water services</li> <li>▪ Covered Shed – piling underway</li> <li>▪ Fire and Pump Station Building – piling complete and preparatory works underway for services</li> <li>▪ Tunnel and SMTF South internal access road and pedestrian path upgrade</li> <li>▪ Preparatory works underway for Fire Main in future track area</li> <li>▪ Consist concrete pour complete</li> <li>▪ Concrete removal from concrete waste area</li> <li>▪ Deliveries scheduled – sleeper flat racks, concrete barriers, piling cages, pits and conduits.</li> </ul> <p><b>Other ISD sites including Martin Place (Bligh St), Pitt St and Central</b></p> <ul style="list-style-type: none"> <li>▪ No work reported. Not inspected.</li> </ul>
<b>ER Inspections</b>	
Line Wide	<p>For <b>SMTF North (scheduled monthly July inspection unable to be undertaken – due to Covid19 Lockdown and Construction Pause)</b></p> <p>For <b>Northern Hub (Incorporating Chatswood Dive Site, Northern Connection and Hopetoun Ave), Valetta Lane Access, Blues Point Access Site and Artarmon TSS (01/07/2021)</b> the key issues observed/discussed were:</p> <p><u>Northern Hub</u></p> <ul style="list-style-type: none"> <li>▪ Site access/ egress points inspected post rainfall – access /egress points and road observed to be clean during inspection.</li> <li>▪ Site boundary inspected post rainfall. No evidence of discharge observed from site boundary onto surrounding areas.</li> <li>▪ Improvement made to concrete waste area with concrete apron installed (adjacent to bund), to contain concrete slurry.</li> <li>▪ Piling works for Eastern and Western Wall completed (last 2 piles poured on 30 Jun 21) and demobilisation works underway, in preparation for WE01 possession.</li> <li>▪ Concrete delivery site at Hopetoun Avenue was inspected and observed to be tidy – last delivery had occurred on 30 Jun 21 for pour associated with final two piles.</li> </ul> <p><u>Valetta Lane Access</u></p> <ul style="list-style-type: none"> <li>▪ Evidence of sweeper observed at site access/exit gate Valetta Lane and on road (Brand Street). SC reports spoil will be stockpiled at Valetta Lane over WE01 possession and loaded out post possession during standard construction hours. Ongoing monitoring required.</li> </ul> <p><u>Artarmon TSS site</u></p> <ul style="list-style-type: none"> <li>▪ Evidence of recent sweeping observed on section of Whiting St near site access/exit gate, which is now currently in use to access the TSS site, as Cantilevered L Wall works has progressed.</li> <li>▪ Turbid water from recent rainfall is contained within the existing site excavations. SC reports trial test to pump construction water from TSS site into the Project Water Treatment Plant (WTP, tunnel) and connection to WTP has been completed. Since trial test and connection, no water has been pumped from the TSS site to the WTP.</li> <li>▪ Sediment controls remain near site, along section of Whiting Street.</li> </ul> <p><u>Blues Point Access Site</u></p> <ul style="list-style-type: none"> <li>▪ Temporary Beach Access works – hoarding and walkway installation works underway (commenced on 28 Jun 21).</li> <li>▪ Preparatory works underway for various lifts into shaft and deliveries – Bingo bin, concrete, sleepers.</li> <li>▪ Section of Blues Point Road near site access/exit gate was observed to be clean at time of inspection.</li> </ul> <p><b>For Line Wide Southern Sites ( 06/07/2021)</b> the key issues observed/discussed were:</p> <p><u>Belmore Compound and Laydown Area</u></p> <ul style="list-style-type: none"> <li>▪ Site Access/ Egress Gate (Bridge Rd, Belmore) – no tracking observed and clean.</li> <li>▪ New access Gate (the Boulevarde, Belmore) had steel plates installed temporarily and surrounding road near access gate was observed to be clean. SC reports that temporary steel plates will be removed and access stabilised, post the two week shutdown period. Ongoing monitoring required (when access gate</li> </ul>



	<p>is in use).</p> <p><b>SW Corridor Traction Substation Sites</b></p> <p><u>Campsie TSS</u></p> <ul style="list-style-type: none"> <li>▪ Sediment fence remains in place on rail corridor side and sediment controls along section of worksite (Lilian Street, Campsie).</li> <li>▪ New access gate (Eastern side) for TSS site complete – rumble grid installed and geofabric in place.</li> <li>▪ Road near new access gate relatively clean and noted other contractor works occurring over two week shutdown period, in area. Discussion held with SC and exit controls would be refreshed, if required through current shutdown period. Ongoing monitoring required.</li> </ul> <p><u>Punchbowl TSS</u></p> <ul style="list-style-type: none"> <li>▪ Piling in progress for continuous pile wall for TSS with 19 piles completed out of 69 piles.</li> <li>▪ Asbestos exclusion zone with signage in place. SC reports specialist contractor, hygienist on-site and air monitoring in place.</li> <li>▪ No go zone established and signage in place for threatened species (Acacia Pubescens).</li> <li>▪ Stabilised access/egress (with ballast) in place.</li> </ul> <p><u>Dulwich Hill TSS</u></p> <ul style="list-style-type: none"> <li>▪ Excavation for TSS building and cable trench (ongoing). SC reports vibration monitoring for rock hammering and saw cutting completed for current program of works and no exceedances observed with relevant vibration criteria.</li> <li>▪ Stabilised site access and sediment controls along site boundary fence (along rail corridor side) remain in place.</li> </ul> <p><u>Southern Dive &amp; SMTF South Marrickville</u></p> <ul style="list-style-type: none"> <li>▪ Fire and Pump Station Building – piling complete and preparatory works underway for services.</li> <li>▪ Forma tubes (steel) observed in Bingo Skip. Action raised for forma tubes to be removed and placed in designated steel recycling bins available on-site.</li> <li>▪ Covered Shed – piling underway. Sediment controls observed around pit in area.</li> <li>▪ Consist pour complete and observed in laydown area. Area for concrete deliveries to Southern Dive, observed to be tidy.</li> <li>▪ Signage missing on Spill Kit and action raised for signage to be placed on Spill Response Kit.</li> <li>▪ Sediment controls remain in place around drains (along Sydney Steel Road) between current site access and proposed site egress gate, along site fence line and pit (near Site Sheds).</li> <li>▪ Site access, proposed site egress gate (previously under TSE control) and section of Sydney Steel Road near the site gates and gutters were observed to be clean.</li> <li>▪ Sediment controls in place along fence line and pit (near Site Sheds).</li> </ul>
<b>Endorsed Document/s</b>	
Line Wide	<ul style="list-style-type: none"> <li>▪ OOHWA # LWW-OOHW-127 - Surry Hills BPS Elizabeth Street Shutdowns 8 to 28 July 2021</li> <li>▪ OOHW-125 Artarmon BPS Tree Removal Works SMCSWLWC-SYC-ATS-EM-PMT-008887</li> <li>▪ OOHW-125 Artarmon BPS Tree Removal Works SMCSWLWC-SYC-ATS-EM-PMT-008887 Rev 01</li> <li>▪ OOHW-125 Artarmon BPS Tree Removal Works SMCSWLWC-SYC-ATS-EM-PMT-008887 Rev 02</li> <li>▪ OOHW-131 Artarmon BPS Weekend Shutdowns SMCSWLWC-SYC-ATS-EM-PMT-008982</li> <li>▪ OOHW-131 Artarmon BPS Weekend Shutdowns SMCSWLWC-SYC-ATS-EM-PMT-008982 Rev 01</li> <li>▪ OOHW-110 Application Artarmon TSS Cable Pulling SMCSWLWC-SYC-ATS-EM-PMT-008643 (including update with Community Notification)</li> <li>▪ LW 2021 Q1 CTR Part 5.1-SC-REV 0</li> <li>▪ LW 2021 Q1 CTR Part 5.1 -REV 0 - Final ER Endorsement</li> <li>▪ OOHWA # LWW-OOHW-135 - Punchbowl TSS – Concrete Finishing Works August 2021 and Gatewave Results - SMCSWLWC-SYC-TPS-EM-PMT-009460</li> <li>▪ OOHW-139 Application Artarmon TSS Facade Installation SMCSWLWC-SYC-ATS-EM-PMT-009535</li> <li>▪ Out of Hours (OOH) Work Application Form (LWW-OOHW-133) - WE06 Dulwich Hill HV Cabling Zone 5 and Gas Main Removal 7-8 Aug 2021 (SMCSWLWC-SYC-TDH-EM-PMT-009515 )</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>	
Line Wide	1 non compliance with CTMP Blues Point was recorded for Line Wide for the period following a complaint



	<p>received on 30/6/21 and further investigation of the complaint (note complaint listed below for completeness and was reported in the Monthly June Report ):</p> <p><u>LW North Complaints:</u></p> <ul style="list-style-type: none"> <li>▪ Blues Point - Truck noise 30/06/21 (complaint under further investigation) – complainant advised that concrete truck making deliveries to the site , parked at the curb with engine running for more than 20 minutes in the residential area, from 8.30am - 8.50am.</li> <li>▪ Northern Connection - Noise 07/07/21 – Resident requested someone to come out to check that the noise occurring at the time of complaint, is not over the limit of what is permitted.</li> <li>▪ Northern Connection - Noise 10/07/21 – Resident queried when hammering would stop as she has children to get to sleep and believed it was unfair that LW carried out work two weekends in a row and during lockdown.</li> <li>▪ Blues Point - Light Spill 12/07/21 – Resident complained that bright light from daymaker was shining through their property and is unable to work. Requested lights be relocated or dimmed.</li> </ul> <p><u>LW South Complaints:</u></p> <ul style="list-style-type: none"> <li>▪ Nil</li> </ul> <p>There were no incidents for Line Wide reported to the ER under conditions A41 to A44 of SSI 7400 or A36 of SSI 8256 however the following minor (class 3) incidents were recorded.</p> <p><u>LW North</u></p> <ul style="list-style-type: none"> <li>▪ 4 July 21 – Northern Connection (Class 3) Hydraulic leaks noticed on 6t hi-rail excavator, as it was removing ballast ramps in the dive site location. Oil was observed to have dripped along rail tracks (approximately 20L).</li> </ul> <p><u>LW South</u></p> <ul style="list-style-type: none"> <li>▪ Nil recorded and reported.</li> </ul>
<b>Audits</b>	
Line Wide	<ul style="list-style-type: none"> <li>▪ Nil this reporting period</li> </ul>
<b>Looking Forward – Core Focus Areas</b>	
Line Wide	<ul style="list-style-type: none"> <li>▪ SMTF North – Site handover from LW (TSOM to be PC), Potential risk areas such as - landscaping maintenance, site stabilisation of Snake Mountain (establishment of section of manually seeded area and grass cover to be monitored ongoing), temporary Sediment Basin Management including decommissioning of temporary sediment basin post site stabilisation of Snake Mountain to be addressed as part of handover.</li> <li>▪ Blues Point - Reinstatement of shaft at Blues Point work is associated with risk of increase in community complaints if community notification and associated CTMP requirements are not implemented to manage truck movements /deliveries appropriately.</li> </ul>

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</b>		
TSOM – SMTF(N)	<ul style="list-style-type: none"> <li>▪ Testing and commissioning works on Roads 24-29 (ongoing)</li> <li>▪ Punch List of works for Trackside Communication equipment (noting these works are completed on Roads 24-29)</li> <li>▪ Internal fit-out of DSER2 room completed</li> <li>▪ Antenna Testing (still to be completed)</li> <li>▪ DSER1 cable terminations and testing of installed cables completed</li> <li>▪ Maintenance shed - installation of track side equipment (City and Country End of the shed)</li> <li>▪ Maintenance shed - installation of Balise’s, installation and mechanical commissioning of the points in the provisional sum area.</li> <li>▪ Maintenance shed – termination in the DCS cabinets (City and Country End of the shed)</li> </ul>	
Degnan OCC Works	<ul style="list-style-type: none"> <li>▪ Punch List of works (ongoing)</li> <li>▪ CER 2 testing and commissioning works (ongoing)</li> <li>▪ DSER 2 antenna testing works (still to be completed)</li> </ul>	
Tunnels	<ul style="list-style-type: none"> <li>▪ Northern Tunnel section at Cross Passages (XP46 to XP58) - roughing in cables in pre-installed trays,</li> </ul>	

Chatswood Dive to Southern Dive	<ul style="list-style-type: none"> <li>installation of phones, help buttons, cabinets and speakers (ongoing)</li> <li>Southern Tunnel section at Cross Passages (XP01 to XP14) - roughing in cables in pre-installed trays, installation of phones, help buttons, cabinets and speakers (ongoing)</li> <li>Planning underway for (truck) lift into Blues Point</li> </ul>
<b>ER Inspections</b>	
TSOM	<ul style="list-style-type: none"> <li>No ER inspections conducted in July 2021.</li> </ul>
<b>Endorsed Document/s</b>	
TSOM	<ul style="list-style-type: none"> <li>Nil this reporting period</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 the respective projects.	
TSOM	<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>	
TSOM	<ul style="list-style-type: none"> <li>No audits proposed</li> </ul>
<b>Looking Forward – Core Focus Areas</b>	
TSOM	<ul style="list-style-type: none"> <li>Nil this reporting period</li> </ul>

Project Approval	Contract Package	Environmental Representative/s
SSI 7400 (C2S) (Does not include associated SSDs)	Martin Place ISD Macquarie Bank/Lend Lease	Rui Henriques/ Michael Woolley
	Victoria Cross ISD (VC-ISD) - Lend Lease	Rui Henriques/ Michael Woolley
	Crows Nest ISD – Sydney Metro	Rui Henriques/ George Kollias
	Waterloo ISD – John Holland	George Kollias
	Pitt Street ISD - CPB	Rui Henriques/ Michael Woolley

<b>Key Construction Activities (all ISD sites shut down during Construction pause between 17 and 30<sup>th</sup> July)</b>	
MP-ISD	<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>Ongoing waterproof lining activities</li> <li>Demobilise road header and other tunnelling equipment</li> <li>Construction (form reo pour - FRP) of walls; columns and floor slabs</li> <li>Collecting water in a sump and pumping it to the MPN site</li> <li>Other general construction activities</li> <li>Truck deck removal off Castlereagh Street</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; jump forms at or near street level. Deck off Castlereagh Street removed.</li> <li>Breakthrough of pedestrian tunnel to the MPN site</li> </ul> <p><b>Station Caverns and Adits</b></p> <ul style="list-style-type: none"> <li>FRP for cavern lining/exhaust support concrete walls in cavern between MPN and MPS ongoing</li> <li>Installation of ventilation/exhaust systems</li> <li>Installation of services, including fire safety systems</li> </ul>
VC-ISD	<p><b>Victoria Cross North</b></p> <ul style="list-style-type: none"> <li>Ongoing water proofing of shaft walls</li> <li>Water management with water being pumped to the shaft and to Line Wide pipes leading to Chatswood</li> <li>FRP works for basement sumps, building core, walls and columns</li> <li>Concrete deliveries and pumping of concrete to cavern</li> <li>Ongoing construction and installation of new Water Treatment Plant in northern area of the site</li> </ul> <p><b>Victoria Cross South</b></p> <ul style="list-style-type: none"> <li>Tower crane installation on the edge of Miller Street</li> <li>Construction of building foundations in the base of the shaft</li> <li>Stockpiling of waste concrete and spoil on the concrete hardstand</li> </ul>



	<ul style="list-style-type: none"> <li>▪ Water management with water being pumped to the shaft and to Line Wide pipes leading to Chatswood</li> <li>▪ Monitoring of wall movement</li> <li>▪ FRP activities for walls; footings and pits</li> <li>▪ Use of Jumpform for core FRP</li> <li>▪ 181 Miller Street wall rectification works were ongoing</li> </ul> <p><b>Station Cavern</b></p> <ul style="list-style-type: none"> <li>▪ Installation of ventilation ducting and services on roof of cavern</li> <li>▪ FRP works on platforms and back of house areas in south and north of the cavern</li> <li>▪ Laydown area on cavern floor</li> </ul>
<p>CN-ISD</p>	<ul style="list-style-type: none"> <li>▪ Waterproofing activities ongoing</li> <li>▪ Detailed excavation at the northern end of the station box for waterproofing tie in with tunnel waterproofing</li> <li>▪ Completion of construction of gantry for overhead walkway in Site C</li> <li>▪ Completion of overhead walkways fit out</li> <li>▪ Lifting and placing steel cages for wall construction</li> <li>▪ Concrete pours for next ground slabs</li> <li>▪ Lifting construction and placing (lifting) of concrete shutter for wall construction</li> <li>▪ Concrete pours for walls</li> <li>▪ Installation of new centrally located hoist</li> <li>▪ Closure of Hume Street and use as a laydown area.</li> </ul>
<p>PS-ISD</p>	<p><b>Pitt Street South</b></p> <ul style="list-style-type: none"> <li>▪ Hoarding rectification works</li> <li>▪ Jump form – core walls now at street level</li> <li>▪ Poured West B3 Slab</li> <li>▪ Forming formwork and pouring of B2 in sections</li> <li>▪ Started perimeter walls from B2 to B1</li> <li>▪ Water management and operation of water treatment plant (WTP) as required.</li> <li>▪ Waterproofing works.</li> <li>▪ Concrete deliveries and concrete pours</li> </ul> <p><b>Adits and Platform Caverns</b></p> <ul style="list-style-type: none"> <li>▪ Adits FRP works to station cavern.</li> <li>▪ Installation of ventilation supports and systems to platforms</li> <li>▪ Platform structures FRP and placement of pre-cast platform sections.</li> </ul> <p><b>Pitt Street North</b></p> <ul style="list-style-type: none"> <li>▪ Vertical element formworks – B4 suspended slab removed</li> <li>▪ FRP works on central core - ongoing</li> <li>▪ Balance/install of structural steel ongoing</li> <li>▪ Materials deliveries at Castlereagh and Pitt Streets.</li> <li>▪ Waterproofing works.</li> <li>▪ Saw cutting/Jackhammering of sandstone adjacent Castlereagh Boutique Hotel for construction of column completed.</li> <li>▪ Wall four (Castlereagh boutique hotel) detailed excavation using excavator</li> <li>▪ Water management and operation of water treatment plant (WTP) as required.</li> </ul>
<p>WL-ISD</p>	<ul style="list-style-type: none"> <li>▪ FRP slab, headwall and wall pours, including OOH wall pours</li> <li>▪ Planks, beams, pre-cast platform segments deliveries</li> <li>▪ Deliveries of reo and concrete deliveries</li> <li>▪ Two tower cranes and multiple mobile cranes in use during day</li> <li>▪ Steel fixing &amp; formwork occurring day &amp; night</li> <li>▪ Steel fixing north core wall (emergency exit)</li> <li>▪ Installing steel and pours for B3 topping slab</li> <li>▪ Over Track Exhaust (OTE) installation</li> <li>▪ External Works include test pits for waste classification, upcoming Ausgrid Work</li> <li>▪ Interface: Linewide due to commence works in box in Aug / Sept 2021. B3 level due to be fully enclosed apart from penetrations, prior to this. Works at the surface will include material and concrete deliveries</li> </ul>

<b>ER Inspections (there were no ER Inspections due to COVID restrictions)</b>	
MP-ISD	Inspection reports for 13 <sup>th</sup> July and 25 <sup>th</sup> July as completed by Lendlease were provided for information. The reports and inspections were brief as the environment manager was restricted from accessing site however did contain some photos. Site activities and photos were also discussed during fortnightly meetings. There were no issues raised in the reports.
VC-ISD	An inspection report for 15 <sup>th</sup> July as completed by Lendlease was provided for information. The report and inspection was brief as the environment manager was restricted from accessing site however did contain some photos. Site activities and photos were also discussed during fortnightly meetings. There were no issues raised in the report.
CN-ISD	Inspections conducted by the Contractor on 07 July and 21 July 2021 and photo walkthrough presented to the ER at the Environmental Meetings. Issues raised at these inspections comprised: <ul style="list-style-type: none"> <li>Additional education on waste segregation to be issued to workers.</li> <li>Additional education on storage of fuel containers issued.</li> </ul>
PS-ISD	Inspections conducted by the Contractor on 13 July and 27 July 2021 and photo walkthrough presented to the ER at the Environmental Meetings. Issues raised at these inspections comprised: <ul style="list-style-type: none"> <li>Improved access to spill kits</li> <li>Improved storage space for dangerous goods.</li> </ul>
WL-ISD	There were no ER inspections due to COVID-19 restrictions The ER undertook two site drive inspections in July 2021, 1/07/2021 (post-rainfall) and 12/07/21. Nil issues or significant noise impacts were observed external to the site during these inspections

<b>Project Approval</b>	<b>Contract Package</b>	<b>Environmental Representative/s</b>
SSI 7400 (C2S)	Barangaroo Station	Jo Heltborg
<b>Key Construction and Low Impact Works Activities</b>		
Barangaroo	<ul style="list-style-type: none"> <li>There were no active works conducted by the BR Contractor on site during July 2021</li> </ul>	
<b>ER Inspections</b>		
Barangaroo	There was no ER inspection conducted by the ER in July 2021.	
<b>Endorsed Document/s</b>		
Barangaroo	<ul style="list-style-type: none"> <li>Barangaroo Station CEMP RevD, dated 19 July 2021</li> <li>Barangaroo Station CHMP RevC, dated 9 July 2021</li> <li>Barangaroo Station CNVMP RevD, dated 22 July 2021</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 Barangaroo Station.		
Barangaroo	<p>The ER is not aware of any non-compliances 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 not aware of any complaints received during July 2021 related to the Barangaroo Station works.</p>	
<b>Audits</b>		
Barangaroo	No ER involvement in audit activity including Independent Environmental Audits.	
<b>Looking Forward – Core Focus Areas</b>		
Barangaroo	<ul style="list-style-type: none"> <li>Review and approval of Minor Works Applications</li> <li>Monitoring of compliance with Conditions of Approval prior to Construction commencement, including CoA E107, preparation of the Water Discharge Impact Assessment and proposed discharge from the Water Treatment Plant</li> </ul>	

<b>Project Approval</b>	<b>Contract Package</b>	<b>Environmental Representative/s</b>
SSI 8256 (S2B)	Sydenham to Bankstown Sydney Metro Corridor (SMC)	Jo Heltborg
<b>Key Construction and Low Impact Works Activities</b>		
SMC	<ul style="list-style-type: none"> <li>Hutton Street, Hurlstone Park: Piling, GST installation, overhead wiring (OHW) works and footings for services complete</li> <li>Canterbury Compound: Site offices and amenities installed for use</li> <li>Duke Street, Campsie: Crossovers #261 &amp; #262 complete during the Mid-Year Shutdown</li> </ul>	

	<ul style="list-style-type: none"> <li>Belmore Triangle: Crossover #264 complete. Minor Ancillary Facility removed after use during the Shut</li> <li>Lakemba, RW21, Railway Pde: Retaining Wall 21 (RW21) sheet piling complete; civil works to follow. Crane demobilised from Railway Parade</li> <li>Punchbowl Laydown Area: Removal of stockpiled spoil from the Shut (and transport offsite)</li> <li>Punchbowl Minor Ancillary Facility (The Boulevard/Dudley Street): Asphalt laid for car park; macerator installed; site sheds, amenities and decking installed.</li> </ul>
<b>ER Inspections</b>	
SMC	<p>There was one inspection conducted by the ER in July 2021 (13/07/2021). The key issues raised at the inspection were:</p> <ul style="list-style-type: none"> <li>Stabilised sand had been placed on the Railway Pde nature strip to hold the platforms for the outriggers associated with the crane setup. The crane and all equipment had been removed, with the exception of the sand; restoration required.</li> <li>Two trees were observed without protection within the Punchbowl stockpile area; heavy machinery was active within the vicinity.</li> <li>Punchbowl Minor Ancillary Facility: Part of the boundary sediment fence had come down on the rail corridor side in the centre of the site.</li> </ul>
<b>Endorsed Document/s</b>	
SMC	<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>	
SMC	<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 three Class 3 environmental incidents reported during the period:</p> <ul style="list-style-type: none"> <li>2/7/21 (SMC-INC-004): A Giken piling truck transporting an excavator knocked a branch off a jacaranda tree in Lakemba. Arborist assessment indicated no long term damage and the impacted branch should be cut to the nearest collar. Damage to be rectified in consultation with CoCB Council (on hold due to COVID restrictions).</li> <li>6/7/21: Hydraulic oil was spilled in the rail corridor while changing an excavator attachment at the RW21 site in Lakemba. The spill was fully contained on site. OilGone was applied.</li> <li>8/7/21: A 400T crane had a hydraulic hose failure; 3-4L of oil leaked onto the road at the RW21 site in Lakemba. The spill was fully contained on site. OilGone was applied.</li> </ul> <p>The ER is not aware of any complaints received during July 2021 related to the SMC works:</p>
<b>Audits</b>	
SMC	No ER involvement in audit activity including Independent Environmental Audits.
<b>Looking Forward – Core Focus Areas</b>	
SMC	<ul style="list-style-type: none"> <li>Completion of the SMC CTR 2021 Q2</li> </ul>

Project Approval	Contract Package	Environmental Representative/s
SSI 8256 (S2B)	Marrickville, Canterbury & Lakemba Station Upgrades (MCL)	Brett McLennan
<b>Key Construction Activities</b>		
MCL	<p>The mid year shutdown continued at all stations until 11/07/2021, with post possession works continuing until the NSW construction pause at all stations from 19/07/2021.</p> <ul style="list-style-type: none"> <li>Marrickville: Platforms 1 and 2 were demolished and rebuilt. Service relocations at Platform 0 were delayed due to subsurface conditions and are rescheduled for future rail possessions.</li> <li>Canterbury: Platforms 1 and 2 were demolished and rebuilt. Excavations for lift shafts were completed.</li> <li>Lakemba: Platforms – Platforms 1 and 2 were demolished and rebuilt</li> </ul> <p>Construction recommenced at Marrickville from 31/07/2021</p>	
<b>ER Inspections</b>		
MCL	<p>There were two scheduled inspections conducted by the ER on 07/07/2021 and 14/07/2021, and two possession ER Site Inspections on 01/07/2021 and 04/07/2021. The key issues raised at these inspections</p>	



	<p>were:</p> <p><b>Marrickville:</b></p> <ul style="list-style-type: none"> <li>▪ A site shed installed at Station Street (and associated portaloos) had been located in an area not approved for this use.. This was raised by the contractor as NCR-008.</li> <li>▪ It was noted that a fuel spill had occurred, and that source of the fuel was incorrectly banded. This was raised by the contractor as NCR-009.</li> <li>▪ General housekeeping (cigarette butts) at fuel storage areas was raised as a safety risk.</li> <li>▪ It was noted that the lighting tower had been setup outside of the property boundary. This was raised by the contractor as NCR-013.</li> <li>▪ A concrete blowout of the concrete pump line had occurred.</li> <li>▪ Light spill onto residential buildings was observed and was immediately addressed by the contractor.</li> <li>▪ Unexpected heritage finds had been excavated and required recording by the heritage consultant.</li> <li>▪ Bonded asbestos fragments (tiles) had been excavated from Platform 0 and required removal by the site hygienist.</li> <li>▪ The air compressor had been relocated from Riverdale Ave without noise mitigation. Additional mitigation was discussed.</li> <li>▪ Jackhammering works were continuing at Platform 2. It was discussed with HSEJV if noise blankets could be installed to minimise noise impacts to receptors.</li> <li>▪ Ballast at the Woolley Lane gate was saturated with sediment, which was tracking up the lane. It was noted that tracked sediment would wash back into the site, minimising offsite impacts.</li> <li>▪ Sediment had been tracked onto the Woolley Lane.</li> <li>▪ Water barriers had been placed within the tree protection zone within the Woolley Lane Cess.</li> <li>▪ Equipment was noted to have been stored against privately owned buildings in Station Street.</li> <li>▪ Construction material (pipes) had been stored within the asbestos exclusion zone for the Qenos asbestos pipes.</li> <li>▪ A tree strike had occurred at the entrance to Station Street.</li> </ul> <p><b>Canterbury:</b></p> <ul style="list-style-type: none"> <li>▪ Minor ERSED issues including: minor sediment was being tracked onto Charles Street, and minor maintenance of controls.</li> <li>▪ It was noted that wood offcuts (rubbish) had been disposed into the spill kit in the MSB.</li> <li>▪ Approximately &lt;1L of kerosene or similar had been spilt onto the ground in the MSB, a second small oil spill also occurred at the country end of Platform 2 onto the ballast.</li> <li>▪ Trimming of trees had occurred at Platform 2 without an assessment or appropriate notifications. This was raised by the contractor as NCR-014.</li> <li>▪ It was noted that the station façade at Platform 1 was mud spattered and a door frame was chipped during the midyear shutdown works .</li> </ul> <p><b>Lakemba:</b></p> <ul style="list-style-type: none"> <li>▪ Stockpiled materials were noted in the MSB compound area on Railway Parade. While controls were present along Railway Parade, the adequacy of these controls in the event of heavy rain was discussed.</li> <li>▪ A small fuel spill (&lt;0.5L) had occurred in the Railway Parade compound.</li> <li>▪ The Boulevard compound area had not been reinstated for public use at the end of the rail possession. HSEJV were reminded of their requirements to reinstate the carpark in compliance with the DPIE approved Railway Parade Compound A17 application. The carpark was reinstated for public use.</li> </ul>
<b>Endorsed Document/s</b>	
MCL	<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 MCL.</p>	
MCL	<p>The ER is aware of eight currently recorded non compliances and 21 complaints relating to MCL works for the period.</p> <p><u>Canterbury:</u></p> <ul style="list-style-type: none"> <li>▪ NCR-014 – Tree pruning without arborist assessment or notification to DPIE.</li> <li>▪ NCR-015 – Unapproved use of Wacker Packer during OOHW.</li> </ul> <p><u>Marrickville:</u></p>



	<ul style="list-style-type: none"> <li>▪ NCR-008 – Installation of unapproved minor facilities at Station Street.</li> <li>▪ NCR-009 – Appropriate storage of fuel cans.</li> <li>▪ NCR-010 – Unapproved jackhammering during out of hours.</li> <li>▪ NCR-013 – Lighting tower installed outside of project boundary on Riverdale Ave.</li> <li>▪ NCR-016 – Unapproved use of compactor during out of hours.</li> <li>▪ NCR-017 – Unapproved use of plant (vacuum truck and concrete truck) at Riverdale Ave.</li> </ul> <p><u>Complaints:</u> A summary of the complaints received in the period is as follows:</p> <p><u>Canterbury</u></p> <ul style="list-style-type: none"> <li>▪ Eight complaints were received regarding noise and respite (additional AA). It was noted that Canterbury Council were undertaking concurrent night works to upgrade the Charles Street intersection, which also impacted several receptors.</li> <li>▪ Four complaints were received regarding parking and double parking across driveways.</li> </ul> <p><u>Marrickville</u></p> <ul style="list-style-type: none"> <li>▪ Six noise complaints.</li> <li>▪ Two parking / traffic access complaints.</li> <li>▪ One property damage (cracks) complaint.</li> </ul> <p><u>Lakemba</u></p> <p>No complaints were received</p> <p>There were no incidents for MCL reported to the ER under conditions A36 of SSI 8256.</p>
--	---

**Audits**

MCL	<ul style="list-style-type: none"> <li>▪ No ER involvement in audit activity including Independent Environmental Audits (IEA Program).</li> </ul>
-----	---

**Looking Forward – Core Focus Areas**

MCL	<ul style="list-style-type: none"> <li>▪ Updates to CEMP, Sub-Plans and ESCP.</li> <li>▪ External audit of HSEJV.</li> <li>▪ Planning for upcoming possessions to complete the remaining works.</li> <li>▪ Managing the impact of the Construction Pause in NSW.</li> <li>▪ Compliance tracking program reporting (Q2, 2021)</li> </ul>
-----	---

Project Approval	Contract Package	Environmental Representative/s
SSI 8256 (S2B)	Hurlstone Park, Belmore and Wiley Park Station Upgrades (HBW)	Brett McLennan

**Key Construction Activities**

HBW	<p>The mid year shutdown continued at all stations until 11/07/2021, with post possession works continuing until the NSW construction pause at all stations from 19/07/2021.</p> <ul style="list-style-type: none"> <li>▪ Hurlstone Park: Piling works for the Metro Services Building (MSB) retaining wall had commenced. Platforms 1 and 2 were demolished and rebuilt.</li> <li>▪ Belmore: Concrete pours for the MSB slab had commenced. Platforms 1 and 2 were demolished and rebuilt.</li> <li>▪ Wiley Park: Backfilling of the MSB retaining wall was ongoing. Platforms 1 and 2 were demolished and rebuilt.</li> </ul>
-----	---

**ER Inspections**

HBW	<p>There was one scheduled ER inspection on 15/07/2021 and two possession ER Inspections on 01/07/2021 and 04/07/2021. The key issues raised at these inspections were:</p> <p><u>Hurlstone Park</u></p> <ul style="list-style-type: none"> <li>▪ Fuel containers were not stored in bunded areas across the worksite. This was raised as NCR007 for all worksites over Packages 5 and 6.</li> <li>▪ An overflow from the site toilets waste tank had occurred and cleaned by Downer. This was raised as an incident.</li> <li>▪ A small fuel spill had occurred at the lighting tower, there was no spill kit present in the area. This was raised as an incident.</li> <li>▪ Noise blankets were installed on the piling batter at the MSB and were moved as the piling rig moved. It was discussed if it was practical to install noise blankets along the entire length of the piling pad between works and the receptors.</li> </ul>
-----	---



	<ul style="list-style-type: none"> <li>▪ It was noted that a generator used to power the MSB piling decontamination shed was creating significant noise and was replaced.</li> <li>▪ A spoil stockpile at the MSB adjacent to Foord Avenue, had started to spill onto the nature strip and was covering the barricade along the fence line.</li> <li>▪ A section of a brick wall behind Platform 1 had collapsed during construction. Investigations are ongoing as directed by Safework NSW.</li> </ul> <p><u>Belmore</u></p> <ul style="list-style-type: none"> <li>▪ A 20m gap in the compound sediment fence required ESC to be installed. Downer immediately organised for this to be completed.</li> <li>▪ Heritage salvage (sandstone) had been stockpiled within a tree protection zone.</li> </ul> <p><u>Wiley Park</u></p> <ul style="list-style-type: none"> <li>▪ Crane pads had been installed in the gutter of The Boulevarde and had started to erode in a rain event. Checks of ESC were not undertaken by site staff prior to the rain event. The lack of ESC for the pads and ERSED checks was regarded as a NCR of the CEMP and ESCP.</li> <li>▪ The site compound had been installed outside of the approved compound area. This is to be raised as an NCR by the contractor, and an A19 assessment undertaken to assess impacts (Note – this has been subsequently approved in the August reporting period).</li> <li>▪ A generator for the MSB compound had been installed without noise mitigation measures. Application of mitigation measures as required in the CNVMP was discussed with Downer.</li> <li>▪ Several council verges had been eroded during recent works and required reinstatement.</li> <li>▪ A moderate amount of sediment had been captured in offsite sediment controls and maintenance was required, and ESC adjacent to the surface water culvert required maintenance to remove accumulated sediment. The suitability of controls was discussed with Downer, in relation to the risks associated with the proximity to the open water culvert.</li> <li>▪ Rumble grids, plant and equipment were stored outside of the project boundary.</li> <li>▪ It was noted that tree trimming of trees was occurring and it was unknown if these were approved in the current tree report submitted to DPIE. Confirmation is ongoing, pending construction restrictions.</li> </ul>
<b>Endorsed Document/s</b>	
HBW	<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 HBW.</p>	
HBW	<p>The ER is aware of two non-compliances and 21 complaints for HBW for the period.</p> <ul style="list-style-type: none"> <li>▪ An NCR at Wiley Park is under investigation for the MSB ancillary compound located outside of the approved compound area.</li> <li>▪ NCR-007 was raised for appropriate storage of fuel containers across all sites for Packages 5 and 6.</li> </ul> <p><u>Complaints:</u> A summary of the complaints received in the period is as follows:</p> <p><u>Hurlstone Park</u></p> <ul style="list-style-type: none"> <li>▪ Eight noise complaints, one included fumes from trucks idling in addition to the noise aspects..</li> <li>▪ One dust complaint.</li> <li>▪ One complaint for light spill.</li> <li>▪ Four complaints for property damage – one vehicle damage, one property (fence) and two dust/splatter complaint.</li> <li>▪ One complaint for parking.</li> <li>▪ Two worker behaviour complaints – speeding and contractor behaviour.</li> </ul> <p><u>Wiley Park</u></p> <ul style="list-style-type: none"> <li>▪ One noise complaint combined with traffic complaint (U-turns in driveway).</li> <li>▪ Two Worker behaviour complaints – littering and parked / idling vehicles.</li> </ul> <p><u>Belmore</u></p> <ul style="list-style-type: none"> <li>▪ One complaint for item storage and dust.</li> </ul> <p>There was one incident for HBW reported to DPIE (and subsequently the ER) under conditions A36 of SSI 8256. A single skin brick fence (approx. 1.5m tall by 30m) collapsed at the rear of 3a Commons St Hurlstone</p>



	Park, adjacent to Platform 2. Downer has conducted an internal review of the incident as directed by SafeWork NSW. The dilapidation report showing cracking in the wall along with other defects (Report ADN21045D by AusDilaps 11/03/2021). Vibration monitoring indicated that vibration impacts would have a negligible impact on the wall. The incident is still under review pending site access after the construction pause.
--	---

**Audits**

HBW	No ER involvement in audit activity including Independent Environmental Audits (IEA Program).
-----	---

**Looking Forward – Core Focus Areas**

HBW	<ul style="list-style-type: none"> <li>▪ Continued implementation checks of CEMP, Sub-Plans and ESCP.</li> <li>▪ Tree removal checks.</li> <li>▪ Noise mitigation.</li> <li>▪ Planning for upcoming possessions to complete the remaining works.</li> <li>▪ Managing the impact of the Construction Pause in NSW.</li> </ul>
-----	--

Project Approval	Contract Package	Environmental Representative/s
SSI 8256 (S2B)	Dulwich Hill Campsie and Punchbowl Station Upgrades (DCP)	Brett McLennan

**Key Construction**

DCP	<p>The mid year shutdown continued at all stations until 11/07/2021, with post possession works continuing until the NSW construction pause at all stations from 19/07/2021. Works recommenced at Construction recommenced at Dulwich Hill from 31/07/2021.</p> <ul style="list-style-type: none"> <li>▪ Dulwich Hill: Platform – Platforms 1 and 2 were demolished and rebuilt. Shafts for pedestrian bridge had commenced. .</li> <li>▪ Campsie: Platform – Platforms 1 and 2 were demolished and rebuilt. Concourse – Reconstruction of the concourse continued.</li> <li>▪ Punchbowl: Platform – Platforms 1 and 2 were demolished and rebuilt.</li> </ul>
-----	--

**ER Inspections**

DCP	<p>There was one ER inspection conducted by the ER during July 2021 (08/07/2021) and two possession inspections on 1/07/2021 and 4/07/2021. The key issues raised at these inspections were:</p> <p><u>Dulwich Hill</u></p> <ul style="list-style-type: none"> <li>▪ It was noted that an elevated work platform was being delivered to site with a standard movement alarm.</li> <li>▪ A tree strike had occurred, and the tree protection zone was not in place.</li> <li>▪ It was noted that spoil and DGB was stored in the Ewart Lane carpark which required additional erosion controls prior to the upcoming rain event.</li> </ul> <p><u>Campsie</u></p> <ul style="list-style-type: none"> <li>▪ Rail possession bus signs were within the worksite and not readily visible to the public.</li> <li>▪ A small oil leak had been captured by the Geofab at the stormwater pit.</li> <li>▪ It was noted that access to the commercial properties had been blocked by traffic control.</li> </ul> <p><u>Punchbowl</u></p> <ul style="list-style-type: none"> <li>▪ It was noted that fuel containers were not banded.</li> <li>▪ Demolition spoil potentially containing bonded asbestos was stockpiled in the cess outside residential properties without suitable erosion controls.</li> <li>▪ Several small oil spills had occurred on Line 1 between the South Terrace Rail Gate and Lakemba station.</li> <li>▪ It was noted that there was no ESC on a culvert adjacent to Platform 1. Sediment laden water from NDD works had pooled up gradient from the culvert from the works</li> </ul>
-----	--

**Endorsed Document/s**

DCP	<ul style="list-style-type: none"> <li>▪ Nil this reporting period.</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 DCP.

DCP	<p>The ER is aware of one non compliance and 10 complaints for DCP for the period. NCR-006 was raised for the closure of Lillian Lane at Campsie, contrary to Section 5.9.2, Para B of the SPIR. Complaints:</p>
-----	--



	<p><u>Dulwich Hill</u></p> <ul style="list-style-type: none"> <li>▪ Four noise complaints.</li> <li>▪ Three worker behaviour.</li> </ul> <p><u>Punchbowl</u></p> <ul style="list-style-type: none"> <li>▪ One complaint for parking</li> <li>▪ One complaint for light spill</li> <li>▪ One complaint for worker behaviour (littering)</li> </ul> <p>There were no incidents for DCP reported to the ER under conditions A36 of SSI 8256.</p>
<b>Audit</b>	
DCP	No ER involvement in audit activity including Independent Environmental Audits (IEA Program).
<b>Looking Forward – Core Focus Areas</b>	
DCP	<ul style="list-style-type: none"> <li>▪ Continued implementation checks of CEMP, Sub-Plans and ESCP.</li> <li>▪ Tree removal checks.</li> <li>▪ Noise mitigation.</li> <li>▪ Planning for upcoming possessions to complete the remaining works.</li> <li>▪ Managing the impact of the Construction Pause in NSW.</li> </ul>

Project Approval	Contract Package	Environmental Representative/s
SSI 7400 (C2S) SSI 8256 (S2B)	Sydney Metro Retained Obligations (SM)	Jo Robertson
<b>Key Construction Activities</b>		
SM	<ul style="list-style-type: none"> <li>▪ Discussion and coordination over multiple sites re the construction pause between 17 and 30<sup>th</sup> July, and then recommencement activity for some of the works sites not restricted by the health orders.</li> </ul>	
<b>ER Inspections</b>		
SM	<ul style="list-style-type: none"> <li>▪ Nil</li> </ul>	
<b>Endorsed Document/s</b>		
SM	<ul style="list-style-type: none"> <li>▪ Nil</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> <p>Sydney Metro raised a non compliance which was provided to the ER 4<sup>th</sup> August against A30 for failing to implement the Compliance Tracking Program endorsed by the ER under A29 in relation to the monitoring of its retained obligations. Timely completion of proposed actions will closed this non compliance.</p>		
<b>Audits</b>		
SM	<ul style="list-style-type: none"> <li>▪ Nil</li> </ul>	
<b>Looking Forward – Core Focus Areas</b>		
SM	<ul style="list-style-type: none"> <li>▪ Compliance review Q3 and Q4 2020 is outstanding and needs to be completed.</li> <li>▪ Compliance review Q1 and Q2 2021 is to be prepared and provided to the ER for endorsement.</li> <li>▪ Review low and high “risk” categories that have evolved as part of the OOH Protocol in conjunction with the Acoustic Advisor (noting that this OOH Protocol is applied across both SSI 7400 and SSI 8256).</li> </ul>	

## **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.

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

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

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

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

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