

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

2 July 2021
Ref: 170108-ER_DPIE-June 2021

Dear Rob

RE: Sydney Metro City & South West – ER Monthly Reports for June 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), MOD3_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 **June 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)
- Sydenham to Bankstown (S2B) works packages including Enabling Works (SMEW), Corridor Works (SMC), the early works for 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, Adam Koutsamanis

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)

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
Key Construction Activities		
TSE	Barangaroo Station: <ul style="list-style-type: none"> ▪ WTP operating. ▪ Ongoing FRP for slabs and walls, columns etc in the station box and sharks' fin. ▪ Laydown areas for steel and equipment. ▪ Ongoing installation of super T girders. ▪ Construction of slabs over the girders. ▪ Works to jack up the bridge to remove plunge columns planned. ▪ Removal of the Northern Tower Crane completed. 	
ER Inspections		
TSE	There were two ER inspections carried out during the month on 1 st and 22 nd June. No new issues identified during the inspections. As the Marrickville site was handed over to Line Wide Contractors in May, there were no TSE ER Inspections or involvement of the TSE ER at this site.	
Endorsed Document/s		
TSE	<ul style="list-style-type: none"> ▪ Nil this reporting period 	
Complaints / Incidents / Non-compliance		
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 was one complaint reported to have been received for the TSE works during June. There were no incidents reported by JHCPBG as defined by the project approval definition for incidents under condition A41.</p> <p>TSE Contractors submitted a report in June titled "<i>TSE Works Monitoring Summary Report Compliance with Planning Approval Conditions E61 & E63</i>" that related to a number of TSE Construction sites. This was under review during the reporting period by the ER.</p>	
Audits (specific to packages reported in this report)		
TSE	<ul style="list-style-type: none"> ▪ Nil this reporting period 	
Looking Forward – Core Focus Areas		
TSE	<ul style="list-style-type: none"> ▪ Compliance with Condition E61. 	

Project Approval	Contract Package	Environmental Representative/s
SSI 7400 (C2S)	Central Station	Michael Woolley
Key Construction Activities		
Central Station	<ul style="list-style-type: none"> ▪ Metro Box - Truck movements; spoil excavation; metro box ventilation using scrubbers. Ongoing construction activities. Steel fixing and concrete pours in lower sections. Excavation for Chiller room and construction of ground slabs to the south end of the Metro Box. ▪ Central Walk – Some excavation activities ongoing. Form Reo Pour (FRP) works for columns, shotcreting. 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. ▪ Sydney Yard - Water Treatment Plant Operation; truck access; laydown. Stockpiling, processing and loadout of excavated material from other areas of site such as platforms and Eastern Entrance. ▪ Northern Concourse – Entrance under the beam opened for customer access. Ongoing works at intersection of Northern Concourse and Metro Box area. ▪ Eastern Entrance – Ongoing detail excavation around footing of adjacent building. Installation of HV conduits and permanent drainage complete. Waterproofing of walls. FRP works. ▪ Devonshire Street Tunnel - In operation and used by commuters. ▪ 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 included 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. ▪ ESR Concourse - Temporary walkway installed and in use by pedestrians to allow for further works in the area. Ongoing works. Ongoing use of the area for laydown and construction support. Fit out and other 	

	<p>construction activities ongoing.</p> <ul style="list-style-type: none"> ▪ Ghost Platforms (above ESR Platforms 24-25) - Ongoing electrical and other fit out. Support for CSR drilling activities. ▪ Eddy Ave Booster - Area of booster surrounded by ATF fencing.
ER Inspections	
Central Station	<p>There were two ER inspections conducted during the period on 2nd and 16th June 2021. The key issues raised at the inspections were:</p> <ul style="list-style-type: none"> ▪ Sediment and water had built up at the low point adjacent the WTP. This required removal and area cleaned up. ▪ Rubbish had accumulated outside the works adjacent the Railway Institute Building that should be cleaned up. <p>A planned ER inspection on 30 June did not proceed due to COVID restrictions. In lieu of the inspection, LOR undertook an inspection and took a number of photos across the site. These were viewed and discussed by Sydney Metro and the ER during the fortnightly meeting held on Teams.</p>
Endorsed Document/s	
Central Station	<ul style="list-style-type: none"> ▪ Nil
Non-compliance/ Incidents or Repeat Complaints	
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.</p> <p>The following events were reported in May:</p> <ul style="list-style-type: none"> ▪ Minor oil spill < 5 litres that was contained on site and cleaned up; ▪ Minor sewer spill contained that was contained on site and cleaned up; and ▪ Damage to the Terrazzo floor on Platform 8, to be repaired as part of other repairs. <p>These were all considered minor in nature and were not considered incidents under Condition A41 of the Infrastructure Approval.</p>
Audits	
Central Station	<ul style="list-style-type: none"> ▪ Nil this reporting period.
Looking Forward – Core Focus Areas	
Central Station	<ul style="list-style-type: none"> ▪ Noise impacts to residents in Chalmers Street during excavations works at the Eastern Entrance and weekend possessions ▪ Potential noise impacts from works near the Railway Institute building on Chalmers Street

Project Approval	Contract Package	Environmental Representative/s
SSI 7400 (C2S)	Sydenham Station and Junction (SSJ)	Jo Helborg
Key Construction Activities		
SSJ	<ul style="list-style-type: none"> ▪ Geotechnical Area: Security fencing commenced and construction of the gabion retaining wall continued. Underbore conduit and grouting complete, pit tie-in works underway. ▪ Burrows Ave/ Station plaza: Paving, installation of bollards and benches for the station plaza complete. Bike shed construction ongoing; preparation for rough landscaping. Awaiting Ausgrid outage to complete power pole installation and pavement restoration on Burrows Ave. ▪ Bolton St / Hogan Ave: Road restoration complete on Hogan Ave.; Paving works ongoing on Bolton Street. ▪ Sydenham Station: Continuation of works to new station structures and construction of Metro Platforms 1 & 2. Platform 1 building construction ongoing. Asphalt of Platforms 2/3 complete over WE48. ▪ Sydenham Road widening works ongoing including paving of the footpath, and extension of new kerb toward the main site. ▪ 11 Sydenham Rd: Backfill and levelling for new trackwork, including laying of track slab and cess drain installation. Construction of Northern Metro Services Building (MSB) continuing, including plaza works, preparation for rough landscaping, solar installation and retaining wall construction. ▪ Sydenham Pit and Pumping Station: Continuation of Retaining Wall 4 (RW4) construction, and cess 	

	<p>drainage. Shotcreting of the top edge of Sydenham Pit complete.</p> <ul style="list-style-type: none"> ▪ Confluence Structure and Temporary Upstream Connection: Stockpiling, earthworks and infill ongoing up to the Bedwin Road site. RW4 construction around the edge of the confluence structure. ▪ Way Street Laydown Areas: Materials storage and stockpiling. ▪ XPT Laydown: Stockpiling of spoil from 11 Sydenham Rd and vacuum truck slurry storage. ▪ Carrington Rd Laydown: Stockpiling of spoil from 11 Sydenham Rd. ▪ Bedwin Road: Continuation of track slab drainage under Bedwin Rd Bridge. Security fencing and GST installation between Bedwin Rd and 11 Sydenham Rd.
ER Inspections	
SSJ	<p>There were two inspections conducted by the ER in June 2021 (3/6/21 and 17/6/21). The key issues discussed were:</p> <ul style="list-style-type: none"> ▪ Provision, accessibility and correct use of spill kits across the site ▪ Maintenance of ERSED controls, including stormwater pit protection, boundary controls (housekeeping), and cleaning of accesses to avoid tracking ▪ The risk of sediment entry into Sydenham Pit ▪ The compliant storage of fuel jerry cans ▪ A skip bin at the Way Street laydown was overflowing with litter on the ground; signs of illegal dumping ▪ The maintenance of tree protection measures to prevent materials storage within driplines at the Way Street laydown ▪ Skip bins were full of vacuum truck slurry, with very limited freeboard and risk of overspill at the XPT Laydown ▪ Stockpiled spoil, adjacent to the canal, had overtopped controls in some locations at the XPT Laydown <p>Actions were raised for the above issues, and all actions closed-out by JHLOR.</p>
Endorsed Document/s	
SSJ	<ul style="list-style-type: none"> ▪ Nil this period
Non-compliance/ Incidents or Repeat Complaints	
<p>Sydney Metro has been providing summaries of complaints to DPIE daily and a summary to the ER. Responses to each complaint have been noted in each complaint report, with follow-up actions often defined in revised reports. Key or repeat items of note are discussed below for SSJ.</p>	
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>The ER is not aware of any complaints during May 2021 related to the SSJ works.</p>
Audits	
SSJ	<ul style="list-style-type: none"> ▪ Nil this reporting period
Looking Forward – Core Focus Areas	
SSJ	<ul style="list-style-type: none"> ▪ Management of ERSED controls generally, including stabilisation and tracking at the Garden Street and 11 Sydenham Road accesses ▪ Provision, accessibility and correct use of spill kits ▪ Completion of station structures and noise and vibration impacts during OOHW and possessions ▪ Implementation of the tree replacement strategy ▪ Completion of selected Conditions of Approval



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)
Key Construction Activities		
Line Wide	<p>SMTF (North)</p> <ul style="list-style-type: none"> ▪ Snake Mountain including Site Shed Area – no activities being undertaken ▪ Snake Mountain including Laydown Area - materials still under consolidation. Remaining construction materials likely to be sent to Marrickville Dive Site (MDS) or other sites that may require it. ▪ Maintenance Shed works (Roads 5 to 8): <ul style="list-style-type: none"> ○ Road 5/8 - installing marker boards ○ Road 5/6 - Grid 1/2 welding gussets and installing mesh ○ Road 4/5 - welding crane beam and setting ○ Road 5 - installation of retractable arm mesh and base scope of cleaning pits ○ Roughing in cable ○ Installing steel walkway under Road 5/6 ○ Cable ladder install (Road 6/5). <p>Northern Hub (Incorporating Chatswood Dive Site and Northern Connection and Hopetoun Ave)</p> <ul style="list-style-type: none"> ▪ Consist concrete pour underway (Down Tunnel) ▪ Rail grinding, clipping and pulling, rail lifting, adjusting and pre pour ▪ Bracket and anchor install ▪ Concrete pour preparatory works ▪ Tunnel cleaning ▪ Crows Nest sleeper install in running tunnels ▪ Deliveries scheduled - sleepers, lighting and pipes ▪ Piling works - Eastern Wall continuing (drill, cage pour) and Western wall to continue post WE49 ▪ Backfilling and tidy up of access way (near Eastern Wall) underway to enable access for upcoming WE49 possession. ▪ Oxy-cutting, ring cutting and breaking out of piles ▪ Site clean up including moving pile cages and casings ▪ Concrete deliveries scheduled at Hopetoun Ave <p>Cleland Road Ancillary Site</p> <ul style="list-style-type: none"> ▪ Site used minimally – not in use/no works at time of inspections during the period. <p>Artarmon Traction Sub-station (TSS)</p> <ul style="list-style-type: none"> ▪ Cantilevered L Wall FRP works progressing ▪ CSR trenching, installation and backfilling works continue ▪ Gate plinth preparatory works ▪ Survey works. <p>Artarmon BPS Excavation and Investigation Works Site – Carlotta St</p> <ul style="list-style-type: none"> ▪ Removal of road pavement sections underway to enable non destructive digging (NDD) and site investigation works. <p>Blues Point Access Site - limited to only surface works / areas due to lifts and works underway:</p> <ul style="list-style-type: none"> ▪ Preparatory works underway for various lifts into shaft – consist, bins and other plant/equipment ▪ Concrete preparatory and clean up works ▪ General clean up of site ▪ Sleeper deliveries <p>Canterbury to Campsie Bulk Power Supply (BPS)</p> <ul style="list-style-type: none"> ▪ Pat O’Connor Reserve, Canterbury - resumption of civil works on BPS route: <ul style="list-style-type: none"> ○ Tree trimming and clearing of access to bridgeworks site ○ Piling for bridge abutment ○ Formwork for bridge abutment ○ Establishment of crane pad underway <p>SW Corridor Traction Substation sites (TSS)</p> <ul style="list-style-type: none"> ▪ Operation of compound and laydown at Belmore Compound ▪ Campsie TSS: 	



	<ul style="list-style-type: none"> ○ Conduit laying, mandrill, concrete encasement ○ Detailed excavation for edge beams and cable trench ○ Final trimming of levels ○ Preparatory works for blinding pour underway (top level) ○ New site access gate works underway ○ Deliveries scheduled – steel deliveries, concrete and trucks for spoil loadout ▪ Dulwich Hill TSS: <ul style="list-style-type: none"> ○ Detailed excavation for Dulwich Hill TSS building and cable trench underway ○ Spoil loadout underway Surry Hills – Central Bulk Power Supply Works <ul style="list-style-type: none"> ▪ Frog Hollow Reserve Site – works completed and turfed. Southern Dive and SMTF South Marrickville <ul style="list-style-type: none"> ▪ Piling works for Maintenance Building commenced ▪ Consist track slab pour and FRP works in progress (Up Line) ▪ Joint sealing and backing rod install within Tunnels ▪ Jack and preparation of rail (Down Line) ▪ Administration Building – in ground services work, final trim and preparatory works for blinding pour of basement level ▪ Preparatory works for various services underway ▪ Piling works for Fire and Pump Station Building underway ▪ Rail adjustments (Up Line) ▪ Installation of Riser Main Pipe in portal and brackets (Down Line) ▪ TSE Handover completed on 11th June. ▪ Deliveries scheduled – sleeper flat racks, concrete, CSR pits and conduits Line wide activities at Martin Place (Bligh St), Pitt St and Central <ul style="list-style-type: none"> ▪ No work reported.
ER Inspections	
Line Wide	<p>For SMTF North (15/06/2021), the key issues observed/discussed were:</p> <ul style="list-style-type: none"> ▪ Stabilised site access/exit point. SC reports new loads of ballast laid down at site access/exit point. ▪ Small deposits of clayey material observed on sections of Themeda Ave around the vicinity of SC's site access. SC reported that material on road and fuel/oil stain near the kerb drain was observed on 15th June morning (prior to this inspection and post long weekend) and unrelated to SC works and no material loadout had been undertaken from SC sites recently. ▪ Clean up of Themeda Ave (for above) with SC's water cart, had commenced during the site inspection. SC reported that a street sweeper would also be mobilised to sweep the road and gutters. ▪ Extent of SC scope of works (removal of gravel/spoil) at future BP site had been completed. ▪ SC reports no decommissioning plan and timeframe yet, for temporary Sediment Basin at SMTF North. ▪ SMTF Expansion Area - General housekeeping and removal of litter, plastic packaging required in external areas, adjacent to the Maintenance Shed and near DSER2 signal building. ▪ SMTF Expansion Area - Material laydown generally on hard stand area with some exception of materials impacting on soft vegetated area, adjacent to the Maintenance Shed. ▪ SMTF Expansion Area - Weed control to be undertaken in sections of vegetated area, adjacent to Maintenance Shed. ▪ TSOM Laydown Area - Further ballast laid down in TSOM Laydown Area to manage dust. <p>For Northern Hub (Incorporating Chatswood Dive Site, Northern Connection and Hopetoun Ave), Cleland Road Site, Cleland Road Ancillary Site, Blues Point Access Site, Artarmon TSS, and St Leonards Storage Area (01/06/2021) the key issues observed/discussed were:</p> <p><u>Northern Hub</u></p> <ul style="list-style-type: none"> ▪ Good housekeeping observed within the UP Tunnel. ▪ Improvement made to concrete waste area with bund installed to manage slurry. ▪ Main retention pond (lined with ballast and geofabric) placed at low point for the site, under Mowbray Bridge. SC confirmed that surface run-off from area would be managed through this retention pond and pumped to the Project WTP. ▪ Waste Management – Steel (for recycling), concrete waste (for recycling) and spoil stockpiled for further



waste classification along access way. Concrete washout contained within lined skip bin.

- Housekeeping and Dust Management – Evidence of water cart/street sweeper observed and external yard areas generally tidy.
- WTP Filter Cake was contained. Ongoing monitoring required ensuring that the storage area is not overfilled.
- Concrete delivery site at Hopetoun Avenue was inspected and observed to be generally tidy – no delivery occurring at the time of inspection.

Valetta Lane Access

- Project signage in place. No graffiti observed on shade cloth around access gate and fence.

Artarmon TSS site

- A new concrete pad has been installed at the TSS site entrance and rumble grid remains within the TSS site. Section of Whiting St near site access gate was observed to be generally tidy.
- Trial test scheduled to pump construction water from lined mobile bin into Project Water Treatment Plant (tunnel). SC to continue to manage construction water from the TSS Site through the Project Water Treatment Plant, in future.

Artarmon BPS Excavation and Investigation Worksite – Carlotta St

- Noise attenuation blankets installed on ATF fencing and operator observed to be spraying water to manage dust from road pavement surface removal works.
- Sediment bags placed along kerb drains and stormwater drain protected with geofabric on section of Carlotta St, near worksite.

Blues Point Access Site

- Section of Blues Point Road near site access gate was observed to be clean at time of inspection.
- Rumble grid in place at site entry/exit with suitable capacity.
- ERSED controls in place along Beach access side.

For Line Wide Southern Sites (08/06/2021 & 24/06/2021) the key issues observed/discussed were:

Campsie TSS

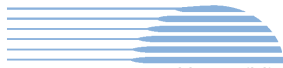
- Discussed intended actions at Campsie TSS prior to rain including load-out of spoil stockpile, seal-up site and sediment fence in place
- Grease cartridge observed in Bingo bin, risk of contaminating other waste streams. SC Environment Manager advises that Bingo can manage oily wastes during sorting off-site
- Improve exit controls at main gate of Campsie TSS to mitigate mud-tracking from the site
- New access gate work (Eastern side) for TSS site underway – rumble grid (from previous access) installed and road base being laid. SC reports previous temporary site access is scheduled to be closed by CoB (24th June). Ongoing monitoring required.

Dulwich Hill TSS

- Tree protection in place for trees on Randall St, near site access gate.
- Project signage in place on access gate and shade cloth installed.
- Stabilised site access - rumble grid, ballast, geofabric in place and sediment controls along site boundary fence.
- Site Environmental Plan (SEP) was requested and was available on-site. SC reports SEP (dated 22/06/21) will be displayed near pre-start board/area, once set up.

Southern Dive & SMTF South Murrickville

- Separation of spoil occurring during piling activity at SMTF-S Maintenance Building. SC report no visible contamination observed. Systems Connect to consider soil sampling results against TSE Site Audit Statement for the site.
- Laydown area including TSOM Site Shed Area and adjacent to Sydenham Pit - ERSED controls in place on batter, along fence line and stormwater pits.
- Water Treatment Plant (WTP) components are on-site (from Crows Nest). SC reports discussions and planning on set-up and commissioning is underway.
- Concrete wash-out into skip bins available for concrete agitator trucks delivering to Southern Dive. Good concrete washout management in place.
- Sweeper observed cleaning site access and Sydney Steel Road. Gutters clean and sediment controls in place around drains between current site access and proposed site egress gate (previously under TSE control).



	<ul style="list-style-type: none"> ▪ Sediment controls in place along fence line and pit (near Site Sheds). <p>For Bulk Power Supply Work Areas (South - 08/06/2021 & 24/06/2021) the key issues discussed were:</p> <p><u>Canterbury to Campsie BPS</u> Pat O'Connor Reserve</p> <ul style="list-style-type: none"> ▪ Temporary closures of the pedestrian / cyclist shared path required at times within Pat O'Connor Reserve. Fencing and signage warning of impending closures and detours available ▪ Vibration monitoring being undertaken and sediment controls in place where working immediately adjacent Sydney Water's brick culvert of Cup and Saucer Creek ▪ Establish Tree Protection Zone (TPZ) around tree at site gate at Pat O'Connor Reserve Bridgework Compound ▪ Improve exit controls at gate onto Anzac St Canterbury, to mitigate mud-tracking from the site ▪ Stabilised access installed to SC Ancillary Facility and ballast installed within laydown area. ▪ Flagging with exclusion zone signage and bog mats observed along section of Reserve. ▪ No loose material observed during the inspection on section of Anzac Street, near site access. SC reports daily sweeping and periodic use of street sweeper (as required). Ongoing monitoring required
Endorsed Document/s	
Line Wide	<ul style="list-style-type: none"> ▪ Consistency Assessment (CA) TfNSW #33 Surry Hills BPS Artarmon to Waterloo. ▪ LWW-OOHW-107 Surry Hills BPS Elizabeth Street Weekend Shutdown 11-15 June 2021. ▪ LWW-OOHW-091 Surry Hills BPS Albion Street 56 Hour Shutdowns June 2021. ▪ LWW-OOHW-117 Surry Hills BPS Belmore St / Foveaux St Intersection June 2021. ▪ LWW-OOHW-118 SMTF N - WE01 Possession – 03-04 July 2021. ▪ LWW-OOH-113 WK52-WK01 - Punchbowl TSS Pile Wall and Capping Beam. ▪ LWW-OOHW-112 WK52-WK01 - Bankstown Line HV Cable Installation - 28 June - 11 July 2021. ▪ LWW-OOHW-120 Artarmon BPS 56 Hour Shutdown for Service Installation. ▪ LWW-OOHW-121 Artarmon BPS Trenching and Service Installation.
Non-compliance/ Incidents or Repeat Complaints	
<p>Sydney Metro has been providing summaries of complaints to DPIE daily and a summary to the ER. Responses to each complaint have been noted in each complaint report, with follow up actions often defined in revised reports. Key or repeat items of note are discussed below for the respective projects.</p>	
Line Wide	<p><u>LW North Complaints:</u></p> <ul style="list-style-type: none"> ▪ 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 ▪ Northern Connection - OOH Noise 25/06/21 - resident complained about noise emanating from SC site after midnight. ▪ Blues Point - Concrete Truck idling – 22/06/21 – resident complained that concrete truck was idling for more than half an hour. ▪ Northern Connection - Noise from concrete trucks – 16/06/21 – Resident at Northern Connection complained about the noise from concrete trucks in her street ▪ Northern Connection - Parking 07/06/21 – Resident complained about breach of parking restrictions on Drake St during WE49 possession work ▪ Northern Connection - Noise 07/06/21 – Resident complained about difficulty sleeping due to noise and due to shift work. Requested information about alternatives they can opt for, during the noisiest work ▪ Northern Connection - Respite Offer 06/06/21 – Resident complained that her respite offer is only for one night despite the works notification covering a longer period. ▪ Northern Connection - Parking 05/06/21 – Resident emailed to complain about the breach of parking restrictions on Raleigh Street during WE49 possession work. ▪ Northern Connection - Noise & Vibration complaint 02/06/21 – resident on Hopetoun Avenue called to express concern about noise and vibration being experienced inside their property. <p><u>LW South Complaints:</u></p> <ul style="list-style-type: none"> ▪ Campsie Substation - Vehicle impacts 24/06/21 – City of Canterbury Bankstown Council reported a truck idling outside residential property, in contravention of previous instructions. ▪ Campsie to Canterbury power upgrade - visual amenity 18/06/21 – Resident complained about location of new pole, asked for it to be relocated further away from property. Was not satisfied with prior consultation.



	<ul style="list-style-type: none"> ▪ SW Corridor -Worker Behaviour 05/06/21 — resident complained about Systems Connect worker smoking and disposing of cigarette butts outside here home, away from designated smoking areas <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"> ▪ 21/06/21 - INC –026 (Class 3) - A hydraulic hose connection on a Bingo bin truck failed resulting in a spill (approx. <1 L) inside the gantry shed. Operation ceased, spill was cleaned up and the truck has been repaired. ▪ 6/06/21 - INC –025 (Class 3) - ST tamper brought to site for WE49 works has dripped oil along rail tracks during tamping operation. Approx. <5L in total dripped along new track area. Tamper had already demobilised from site when drips were noticed. ST advised of issue and obvious oil drips were wiped from track with excavator broom. ▪ 3/06/21 - INC –024 (Class 3) – A Flatbed truck has gone to load a bobcat and blew a hose, resulting in a spill of hydraulic oil (approx. 20 L). The spill has been cleaned up and the truck has been repaired. <p><u>LW South</u></p> <ul style="list-style-type: none"> ▪ Nil recorded and reported. <p>No non compliances were recorded for Line Wide for the period.</p>
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Audits

Line Wide	<ul style="list-style-type: none"> ▪ Nil this reporting period
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Looking Forward – Core Focus Areas

Line Wide	<ul style="list-style-type: none"> ▪ Stabilisation of Snake Mountain ▪ Proposed decommissioning plan for temporary Sediment Basin at SMTF North. ▪ Noise and vibration from inter-track piling works – Northern Connection. TSOM contractor remaining on site at SMTF North following demobilisation of Systems Connect (PC for the Project).
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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)

Key Construction Activities

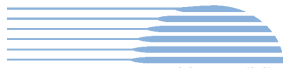
TSOM – SMTF(N)	<ul style="list-style-type: none"> ▪ Punch List of works for Trackside communication equipment on Roads 24-29. ▪ Testing and commissioning activities across Roads 24-29 ▪ Internal fit-out of DSER2 room complete, with testing of fibres and cables to new cabinets and racks, final testing nearing completion. ▪ DSER1 cable terminations and testing of installed cables ongoing. <p>Possession Work:</p> <ul style="list-style-type: none"> ▪ WE49 (June 05-06) – SMTF-N – Cable install, ATS and terminations in CER-1, DSER-1 & SER. <ul style="list-style-type: none"> ○ MS2 full line change over phase 2 & 3 (no wheels free) ○ Conduct interface test with COMs & CCS ○ Update ISCS and TVS configuration and CCTV tests V ○ CBTC UPS testing DSER-2 and CER-2 ▪ WE51 (June 19-20) – SMTF-N – Penetration to DSER-1 complete and cabling works into the room complete.
Degnan OCC Works	<ul style="list-style-type: none"> ▪ Punch List of works ongoing. ▪ CER 2 works – testing and commissioning ongoing.
Tunnels (Chatswood Dive to Southern Dive)	<ul style="list-style-type: none"> ▪ Work in Northern Tunnel section at Cross Passages (XP46 to XP58) roughing in cables in pre-installed trays, installation of phones, help buttons and speakers starting to progress. ▪ Work in Southern Tunnel section at Cross Passages (XP01 to XP14) roughing in cables in pre-installed trays, installation of phones, help buttons and speakers starting to progress. ▪ Initial delivery of gear and toolboxes via Hi-Rail vehicles.

ER Inspections

TSOM	<ul style="list-style-type: none"> No ER inspections conducted in June 2021.
Endorsed Document/s	
TSOM	<ul style="list-style-type: none"> Nil this reporting period
Non-compliance/ Incidents or Repeat Complaints	
Sydney Metro has been providing summaries of complaints to DPIE daily and a summary to the ER. Responses to each complaint have been noted in each complaint report, with follow up actions often defined in revised reports. Key or repeat items of note are discussed below for the respective projects.	
TSOM	<ul style="list-style-type: none"> The ER is not aware of any complaints or non-compliances. There were no incidents for TSOM reported to the ER under conditions A41 to A44 of SSI 7400 or A36 of SSI 8256.
Audits	
TSOM	<ul style="list-style-type: none"> No audits proposed
Looking Forward – Core Focus Areas	
TSOM	<ul style="list-style-type: none"> Nil this reporting period

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

Key Construction Activities	
MP-ISD	<p>Bligh Street:</p> <ul style="list-style-type: none"> Concrete deliveries and pumping. Water treatment plant operation. <p>Martin Place South (MPS)</p> <ul style="list-style-type: none"> Ongoing waterproof lining activities Completion of excavation by road header of the pedestrian tunnel under 50 Martin Place. Construction (FRP) of walls; columns and floor slabs Jump form use – at near ground level in places. Collecting water in a sump and pumping it to the MPN site Floor slab pours Other general construction activities. <p>Martin Place North (MPN)</p> <ul style="list-style-type: none"> Various building work activities such as FRP for columns; lift shafts; walls; floor slabs and other various items; one jump form nearly at street level. Deck off Castlereagh Street being removed. Breakthrough of pedestrian tunnel to the MPN site. <p>Station Caverns and Adits</p> <ul style="list-style-type: none"> FRP for cavern lining/exhaust support concrete walls in cavern between MPN and MPS ongoing Installation of ventilation/exhaust systems Installation of services, including fire safety systems.
VC-ISD	<p>Victoria Cross North</p> <ul style="list-style-type: none"> Ongoing water proofing of shaft walls. Water management with water being pumped to the shaft and to Line Wide pipes leading to Chatswood. FRP works for basement sumps, building core, walls and columns. Operation of replacement Alimak lift and stretcher stair. Concrete deliveries and Pump area active. Construction and installation of new Water Treatment Plant in northern area of the site. <p>Victoria Cross South</p> <ul style="list-style-type: none"> Concrete cutting for detailed excavations along western side of shaft. Core footing construction along 65 Berry Street for building core Stockpiling of waste concrete and spoil on the concrete hardstand. Water management with water being pumped to the shaft and to Line Wide pipes leading to Chatswood.



	<ul style="list-style-type: none"> ▪ Monitoring of wall movement. ▪ FRP activities for walls; footings and pits. ▪ Jumpform Assembly ▪ 181 Miller Street wall rectification works were ongoing. <p>Station Cavern</p> <ul style="list-style-type: none"> ▪ Installation of ventilation ducting and services on roof of cavern. ▪ FRP works on platforms in south and north. ▪ Installation of pre-cast platform units. ▪ Laydown area on cavern floor.
CN-ISD	<ul style="list-style-type: none"> ▪ Waterproofing activities ongoing ▪ Detailed excavation at the northern end of the station box for waterproofing tie in with tunnel waterproofing ▪ Construction of gantry for overhead walkway in Site C ▪ Overhead walkways installed with internal fit out upcoming ▪ In-ground service and ULX conduits install ▪ Lifting and placing steel cages for wall construction ▪ Concrete pours for next ground slab ▪ Lifting construction and placing (lifting) of concrete shutter for wall construction ▪ Concrete pours for walls
PS-ISD	<p>Pitt Street South</p> <ul style="list-style-type: none"> ▪ Ongoing use of Jump form for FRP works on core. ▪ Water management and operation of water treatment plant (WTP) as required. ▪ Waterproofing works. ▪ Concrete deliveries and concrete pours ▪ General FRP and Concrete works to construct the building walls. <p>Adits and Platform Caverns</p> <ul style="list-style-type: none"> ▪ Adits FRP works to station cavern. ▪ Installation of ventilation supports and systems to platforms ▪ Platform structures FRP and placement of pre-cast platform sections. <p>Pitt Street North</p> <ul style="list-style-type: none"> ▪ Materials deliveries at Castlereagh and Pitt Streets. ▪ Waterproofing works. ▪ FRP works in footings and building core with jump form structures completed and in use ▪ Base slab pours. ▪ Saw cutting/Jackhammering of sandstone adjacent Castlereagh Boutique Hotel for construction of columns. CPB stated concrete removal 100% completed and works were now in the sandstone sections. ▪ Water management and operation of water treatment plant (WTP) as required. ▪ Column pours.
WL-ISD	<ul style="list-style-type: none"> ▪ B6 patching walls ▪ Platform and back-of-house area slab pours ▪ Steel-fixing wall sections above B3 ▪ South Headwall scaffolding and formwork ▪ Ongoing formwork in North and South cores ▪ Over train Exhaust (OTE) works commenced ▪ Water Treatment Plant upgrade complete ▪ Craning of materials via multiple (x5) cranes ▪ Beam and plank deliveries and install during OOH works
ER Inspections	
MP-ISD	There was one inspection conducted by the ER on 10 June 2021. There were no issues raised during the inspection.
VC-ISD	<p>There were two inspections conducted by the ER during June 2021 on 1st and 17th June. Issues raised at these inspections comprised:</p> <ul style="list-style-type: none"> ▪ Cavern: Review and improvements to fuel and chemical storage are required, including bunding and compatibility of stored substances. ▪ VCS: Information Request for monitoring data.



	<ul style="list-style-type: none"> ▪ VCN: Noise blankets have been placed on the entrance to the hoist however, there were some gaps. Lendlease to fill gaps where possible to improve noise mitigation adjacent the resident. ▪ Cavern: A tonal beeper was observed on a forklift operating in the cavern. This could be an issue for night time works. Lendlease to avoid use of tonal alarms in the cavern at night times.
CN-ISD	<p>There were two inspections conducted by the ER during June 2021 – 09/06/21 and 22/06/21. The key issues raised at these inspections were:</p> <ul style="list-style-type: none"> ▪ Housekeeping well managed and free of any litter of significance ▪ Concrete waste management activities appeared to be effective ▪ Storage of surplus/disused batteries requires review. ▪ Repairs required to sediment controls to stormwater inlet pits on Clark Lane along Sites A and B. Controls on inlets north of Hume St have been repaired/replaced, however, controls on inlets south of Hume St require attention ▪ Flammable materials/ fuel stored adequately.
PS-ISD	<p>There were two inspections conducted by the ER in June 2021 – 01/06/21 and 16/06/21. The key issues raised at these inspections were:</p> <ul style="list-style-type: none"> ▪ Good housekeeping and good condition of delivery lanes following concrete delivery and deliveries of materials were observed. ▪ CPB described the records being taken and kept in relation to discharged water and it was identified that these could be better documented. ▪ At the north station box fuel container storage cage required appropriate containment/bunding rather than placement directly on ground. ▪ Jackhammering ongoing on Wall 4 with Castlereaugh boutique Hotel (Masonic Centre) at the time of the inspections. This was noted as noisy works and has been the source of one complaint at the adjoining building. It is understood that noise and vibration impacts on this building have been decreasing with depth of the hammering down the wall. It was noted during the inspection that noise levels were lower; thought to be the result of work on concrete now being complete and ongoing work on sandstone. ▪ It was noted during the inspection that noise levels were lower. This was thought to be the result of work on concrete now being complete and ongoing work on sandstone.
WL-ISD	<p>There were two inspections conducted by the ER in June 2021 – 04/06/21 and 17/06/21. The key points raised at these inspections were:</p> <ul style="list-style-type: none"> ▪ Recent complaints regarding vermin. Cleaner on site during ER Inspection and bins being managed ▪ Maintenance cleaning of surface drains to limit sediment load on WTP and prevent mud-tracking ▪ WTP upgrade complete and continuing to receive Linewide tunnel wastewater ▪ Internal site accesses have been wet down to help mitigate dust generation ▪ Heavy Franna (Melrose) stopped in Temporary Construction Area remained on and idling opposite residential receivers on Cope St. JHG to implement processes / awareness to mitigate noise and emissions impacts from idling plant ▪ Some clean-up and sweeping undertaken through areas of B6 Track Level. Polystyrene waste still in trenches at other locations ▪ Discuss electrical relocation in Cope St and intended use of under bore to avoid multiple impacts on the surface including removal of trees ▪ Cope St Temporary Works area continues to be reserved for OOH beam deliveries
Endorsed Document/s	
MP-ISD	<ul style="list-style-type: none"> ▪ OOH81 Adit Hammering Rev 3 ▪ OOH82 Road and Utilities Investigations ▪ OOH84 Tunnelling Equipment Removal ▪ OOH85 Pedestrian Bridge Modifications ▪ OOH86 Deliveries
VC-ISD	<ul style="list-style-type: none"> ▪ OOH11 Cavern Works Rev 2 extension of time ▪ OOHW13 Concrete Pour over run
CN-ISD	<ul style="list-style-type: none"> ▪ OOH008 OOSOM Delivery of Jump Form Components ▪ OOH004 OSOM Girder Deliveries Rev 4 ▪ OOH010 Extended Work Hours ▪ OOH011 - Ultegra Cable Hauling and Backfilling
PS-ISD	<ul style="list-style-type: none"> ▪ OOH25 July OOHs



WL-ISD	<ul style="list-style-type: none"> ▪ OOH15 June OOH Work Rev C ▪ Construction Environmental Management Plan Rev 1.0 ▪ Heritage Management Plan Rev 1.0 ▪ Groundwater Management Sub-Plan Rev 1.0 ▪ Visual Amenity Management Sub-Plan Rev 1.0 ▪ Spoil Management Plan Rev 1.0 ▪ OOH16 July Rev C
Complaints / Incidents / Non-compliance	
ALL	<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.</p> <p>There were no incidents for any of the ISDs reported to the ER under conditions A41 to A44 of SSI 7400. There are some minor events that the ERs are aware of as documented below.</p>
MP-ISD	<p>There were no incidents or non compliances reported to the ER or raised by the ER during May. No complaints were reported that related to the MP-ISD site.</p>
VC-ISD	<p>Complaints related to contractor behaviour; noisy works occurring on a Sunday; worker parking on property; workers leaving site after 6:00pm as well as complaints not related to Sydney Metro.</p> <p>The following potential non compliance was identified by the AA:</p> <ul style="list-style-type: none"> ▪ Inadequate documenting of information as part of noise monitoring for OOHWs and potential lack of review of noise exceedances. Further information has been requested of Lendlease to clarify whether information as required of the CNVMP was recorded.
CN-ISD	<p>There were no incidents or non compliances reported to the ER or raised by the ER during June. Complaints received included:</p> <ul style="list-style-type: none"> ▪ 30/05/21 - Complaint regarding light spill. Stakeholder reported floodlights on site are activated earlier each morning creating light spill into bedrooms facing the worksite. Requested lights be repositioned and queried why lights activated at 5.00 am. The floodlights timer has been adjusted and the lights will switch on at 6.45am. The site team have confirmed that floodlights are attached to the capping beam of the station box, are behind the site hoarding and face down into the station box. The lights do not spill onto land outside the station box and as such are compliant with the CEMP. Stakeholder was contacted to advise the timer has been adjusted for 6.45am. ▪ 11/06/21 - Complaint regarding noise from OOHW. Stakeholder expressed dissatisfaction with hammering noise in area at 10.22 pm. Upon investigation it was found that there were no site related works on the night in question. The stakeholder was informed accordingly.
PS-ISD	<p>There were no incidents or non compliances reported to the ER or raised by the ER during June. No complaints were reported that related to the Pitt St. Station ISD site.</p>
WL-ISD	<p>An opportunity for improvement:</p> <ul style="list-style-type: none"> ▪ 15/06/21 Tonal Alarms – Tonal alarms identified on Truck and Jinker by AA during OOH works. Sydney Metro classifies this as Delivery Vehicle so therefore isn't required to have non-tonal alarms. JHG investigated and had the transport company change to non-tonal. <p>Minor incidents reported by JHG:</p> <ul style="list-style-type: none"> ▪ 01/06/21 Spill – EWP was being refuelled by a DMG subcontractor at the Northern section of the station box, the plant was overfilled and approx. 1Lt of diesel. ▪ 7/06/21 Spill – Hydraulic hose on a EWP split and approx. 1Lt of hydraulic oil was spilt. Immediately cleaned up onsite. <p>Complaints received:</p> <ul style="list-style-type: none"> ▪ 2 Vermin complaints 01/06/21 – resident on Wellington Street messaged the CPM to complain about an increase in rats which he claims are caused by the site. ▪ Noise and Lighting Complaint 02/06/21 – resident on Wellington Street complained about the noise and flashing lights from the site. ▪ Noise and Lights complaint 09/06/21 – Resident on Wellington St complained about noise and flashing lights, requesting property attenuation. Resident accepted ear plugs. At property noise monitoring was to be arranged. ▪ Noise complaint 17/06/21 – Resident on Botany Rd seeking compensation on the basis that her roommates have moved out and she is having difficulty getting a new roommate. ▪ Business impacts 23/06/21 – General Manager of the Cauliflower Hotel came to the site office to



	complain about a crane near Wellington gate interfering with the hotels Foxtel signal. Also raised complaint about the increase in rats in the area.
Audits (specific to packages reported in this report)	
ISDs	No ER involvement in a audit activity including Independent Environmental Audits (IEA Program).
Looking Forward – Core Focus Areas	
MP-ISD	▪ Nil
VC-ISD	▪ High duration of Out of hours works planned at and around the south shaft.
CN-ISD	▪ Out of hours works and monitoring and Compliance tracking program reporting Q1 2021
PS-ISD	▪ Noise and vibration from jackhammering on the northern side of the site adjacent Castlereagh Street.
WL-ISD	▪ Ongoing OOH Proposals with up to 7 nights a week of works

Project Approval	Contract Package	Environmental Representative/s
SSI 7400 (C2S)	Sydenham to Bankstown Sydney Metro Corridor (SMC)	Jo Heltborg

Key Construction and Low Impact Works Activities

SMC	<ul style="list-style-type: none"> ▪ Livingstone Road, Marrickville: Underline crossings ULX #2 and ULX #3 underway with the Mid-Year Shutdown commenced ▪ Albermarle Street Bridge, Marrickville: Overhead wiring and chemset anchor works ▪ Ewart Street, Dulwich Hill: Installation of local service routes ▪ Hutton Street, Hurlstone Park: Piling for GST installation, overhead wiring (OHW) works and footings for services. Tree clearing for GST complete ▪ Canterbury Compound: Construction compound set-up continuing including construction of swale, fencing, installation of site office and amenities. Site offices and amenities ▪ Duke Street, Campsie: Crossovers #261 & #262 underway (ballast & capping) with pemlem in use to move crossovers into place ▪ Lillian Street, Campsie: GST post works on country-side of traction substation ▪ Belmore Triangle: Installation of Crossover #264 commenced, including removal of existing capping and ballast and preparation for new capping & ballast ▪ Lakemba, RW21, Railway Pde: Tree clearance inspections and pruning. Dummy wall complete. Actual RW21 works commenced. Crane set-up on Railway Parade commenced ▪ Punchbowl Laydown Area (city side of Rickard St to Wiley Park station): Stockpiling of spoil and engineered fill. Removal of topsoil to form an internal haul road. Storage of vacuum truck slurry ▪ Belmore Triangle: Minor Ancillary Facility in use (site shed, port-a-loos and equipment shed). Assembly of rail crossovers #261, 262 & 264 for installation during the next possessions. Delivery and stockpiling of ballast. Installation of Crossover #264 commenced, including removal of existing capping and ballast and preparation for new capping & ballast ▪ Punchbowl Minor Ancillary Facility (The Boulevard/Dudley Street): Establishment of Minor Ancillary Facility commenced
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ER Inspections

SMC	<p>There were three inspections conducted by the ER in June 2021 (1/6/21, 15/6/21 & 29/6/21). The key issues raised at these inspections were:</p> <ul style="list-style-type: none"> ▪ The installation of trees protection measures, and storage of materials within the tree dripline at the Canterbury compound ▪ The establishment, stabilisation and maintenance of the stormwater swale at the Canterbury compound ▪ The risk of water contamination associated with the storage and transfer of diesel associated with the sheet piling works at Lakemba Retaining Wall 21 ▪ The compliant storage of jerry cans containing fuel at the Belmore Triangle ancillary facility ▪ The protection of stormwater drains to reduce sediment entry at the Belmore Triangle site access ▪ The establishment of ERSED controls at the site boundary in the vicinity of piling works at Hutton Street, Hurlstone Park ▪ The stabilisation of site accesses, and increased use of the street sweeper to reduce the risk of tracking at South Parade, Campsie and Redman Parade, Belmore
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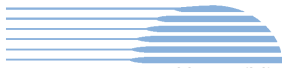
Endorsed Document/s

SMC	▪ SMC CEMP Rev08
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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 SMC.	
SMC	<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"> ▪ 28/6/21 (draft SMC-INC-002 Oil Spill ULX03): Hydraulic oil spill from burst excavator hose during works at ULX03, Ewart Street, Dulwich Hill ▪ 29/6/21: Tree strike at Redman Pde Belmore – a truck delivering an excavator to Belmore hit a low-hanging branch (under investigation; incident report pending) <p>The ER is aware of two complaints received during June 2021 related to the SMC works:</p> <ul style="list-style-type: none"> ▪ 15/6/21: Damage complaint related to fence removal on Sydney Trains land. Under investigation ▪ 29/6/21: Noise during night works associated with the Mid-Year Shutdown at South Parade, Campsie. Stakeholder refused all attempts to discuss additional noise mitigation (AA was offered). States will be escalating complaint to his local MP
Audits	
SMC	No ER involvement in a audit activity including Independent Environmental Audits.
Looking Forward – Core Focus Areas	
SMC	<ul style="list-style-type: none"> ▪ Setup and use of Ancillary Facilities, potential noise impact during OOHW. ▪ Potential for noise impacts, including cumulative noise impacts from multiple contractors working along the S2B corridor during the mid-year shutdown (26/6-11/7).

Project Approval	Contract Package	Environmental Representative/s
SSI 8256 (S2B)	Marrickville, Canterbury & Lakemba Station Upgrades (MCL)	Brett McLennan
Key Construction		
MCL	<ul style="list-style-type: none"> ▪ All stations – The first week (Wk59) of the two week shutdown commenced. This involved the demolition of station platforms at all three stations and installation of services. ▪ Marrickville: MSB - Contamination investigations were completed and a contamination remedial action plan was in development. Waste classification sampling and service relocation works had been completed at the platforms. Wooley Lane - Spoil from the WE48/49 possessions stockpiled within the rail corridor. Spoil stockpiling and removal was occurring during Wk 59. ▪ Qenos pipeline removal works were ongoing. ▪ Canterbury: Excavations of lift pits were ongoing. ▪ Lakemba: Railway Parade – temporary fencing (ATF) had been moved onto Railway Parade adjacent to the site compound. Site compound had been relocated to the western end of Railway Parade. Rail embankment - Vegetation had been stripped and bored piles were being installed. Platforms – Non destructive digging (NDD) was completed and bored piles were completed. Railway Parade / Dennis St laydown – Spoil from WE48/49 and WK59 works had been stockpiled within the Cess and was being removed from site during standard hours. ▪ Belmore Compound: Project compound appeared tidy. 	
ER Inspections		
MCL	<p>There were three inspections conducted by the ER during June 2021 (5/6/21, 16/6/21 and 30/6/21). The key issues raised at these inspections were:</p> <p>Marrickville:</p> <ul style="list-style-type: none"> ▪ It was noted the tree protection zone (TPZ) was not defined within the cess, with equipment and spoil stockpiled within the drip line of trees in the area. ▪ It was noted that a stormwater culvert had damaged to the brick headwall. ▪ Damage to the station heritage facade was noted. ▪ It was noted that several drink bottles were discarded within the works area. <p>Canterbury:</p> <ul style="list-style-type: none"> ▪ It was noted that heritage protection from the access gate to Platform 0 had been removed. <p>Lakemba:</p> <ul style="list-style-type: none"> ▪ ATF boundary had moved onto Railway Parade. 	



	<ul style="list-style-type: none"> ▪ It was noted that workers had left rubbish in the council verge after eating lunch. ▪ Control of water from potential chute areas along the embankment and a stormwater drain in the western corner of the extended compound area required ESC and updating on the ESCP. ▪ ESC for the egress onto Railway Parade and sediment fence protecting the swale required maintenance to reduce sediment laden runoff to stormwater.
Endorsed Document/s	
MCL	<ul style="list-style-type: none"> ▪ HSE-OOH-008 Shutdown 1 - Marrickville Rev02 ▪ HSE-OOH-009 Shutdown 1 - Canterbury Rev02 ▪ HSE-OOH-010 Shutdown 1 - Lakemba Rev02
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 MCL.</p>	
MCL	<p>The ER is aware of four currently recorded non-compliances and ten complaints relating to MCL works for the period. There are two at Lakemba that are still potential instances that are under investigation.</p> <p><u>Canterbury:</u></p> <ul style="list-style-type: none"> ▪ 05/06/21 – A vehicle had parked in the driveway of a local resident. HSEJV had previously informed traffic control to control project vehicle parking in the local area and the flow of traffic. PM had included the topic of courteous and appropriate parking in the prestart. ▪ 29/06/21 – 6 Charles St: Equipment (excavator) and bulka bags were observed being stored at that location without approval. Items were removed and the workers briefed on the use of approved areas. <p><u>Marrickville:</u></p> <ul style="list-style-type: none"> ▪ 28-29/06/21 - The ER was made aware of two occasions (hammering and piling works) where activities had not been approved in the OOH works approval. Workers and sub-contractors were briefed on the approved activities within the OOH approval. ▪ 30/06/21 - Traffic controls completely blocking Wooley Lane on both sides with signs 'road closed'. Upon checking the TCP for the area, it was noted that the full road closure was not included and therefore not approved. It was observed later that Traffic Controllers had removed the signs and re-opened the route. Traffic controllers were briefed on the approved ROLs and that no roads can be fully closed to traffic outside of the project boundary. <p><u>Lakemba:</u></p> <ul style="list-style-type: none"> ▪ 02/06/21 Noise monitoring indicated an exceedance against the OOH works approval. Works continued without an investigation on the exceedance. Further investigation indicated that the noise levels reported were C weighted and the acoustic specialist confirmed the A-weighted levels were below predicted levels. The action was that all personnel to receive noise monitoring training by an acoustic consultant. ▪ 06/06/21 – Concrete slurries spill outside of project boundary. Slurry was contained and cleaned by HSEJV, no evidence of the spill was noted during subsequent inspections. <p><u>Complaints:</u></p> <p><u>Canterbury</u></p> <ul style="list-style-type: none"> ▪ 01/06/21 – Charles Street noise during trial demolition of the station platform. Complainant enquired if there was alternative respite offers (RO) besides movie tickets. HSEJV Community Liaison Manager (CLM): modified RO to include other vouchers. ▪ 05/06/21 - A sub-contractor (traffic controller) had parked their vehicle in a driveway. The car was moved and parking discussed in the site toolbox meeting during subsequent shift changes. A NCR was raised by HSEJV against traffic control. ▪ 07/06/21 – Complaint about noise and requested RO. Matter passed onto HSEJV CLM. ▪ 29/06/21 – Complaint about use of pneumatic hammer. Monitoring by HSEJV indicated that noise measurements were consistent with the modelled levels. Complainant was informed of the ongoing works and had accepted RO. Stakeholder was satisfied with the outcome. ▪ 29/06/21 – Complaint about noise from works at Canterbury Station for the 2nd night in a row. Complainant expressed they were anxious and nervous due to the situation in Sydney and alongside this noise not being able to sleep. HSEJV confirmed that the noise levels were less than the modelled levels. HSEJV CLM discussed the program of works for the week and that noisy works would be progressing 24/7. Complainant stated that the notification was inadequate in that it didn't indicate



	<p>how loud works would be. It was noted by HSEJV CLM that the Complainant had not responded to the RO offer, and asked if the Complainant was interested in additional RO above that offered or alternate accommodation (AA); however the Complainant rejected these offers.</p> <ul style="list-style-type: none"> ▪ 29/06/21 – Complaint on noise. Complainant indicated that they suffer from migraines if the works could drill operation could stop due to lack of sleep and may trigger a migraine headache. CLM discussed whether the household would be interested in additional respite including AA and personalised earplugs. Complainant is happy to accept the personalised earplugs. <p><u>Marrickville</u></p> <ul style="list-style-type: none"> ▪ 29/06/21 - Complainant wanting to know when the drilling and jackhammering will stop as baby can not sleep. Pile casing work had been progressing and activity would cease at approximately 9pm. Other works were progressing including sawing on the platforms but this was at some distance to the complainant. Noise monitoring had confirmed that these activities would be less than the predicted modelled levels. HSEJV CLM tried to contact the complainant several times unsuccessfully. It was noted that piling work was not approved in the OOH and was raised as a NCR by HSEJV (included in the NC above). <p>30/06/21 – Resident complained about the jackhammering noise that was disturbing her, and the noise coming from truck movements. Investigations indicated that excavating and laying conduits on the platforms using handheld tools was occurring. Noise monitoring indicated that the works were within the predicted levels.</p> <p><u>Lakemba</u></p> <ul style="list-style-type: none"> ▪ <u>06/06/21</u> – Workers parking along and in streets adjacent to Railway Parade and stated respite offer of movie vouchers wasn't appropriate. <p>There were no incidents for MCL reported to the ER under conditions A36 of SSI 8256.</p>
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Audits	
MCL	<ul style="list-style-type: none"> ▪ No ER involvement in audit activity including Independent Environmental Audits (IEA Program).
Looking Forward – Core Focus Areas	
MCL	<ul style="list-style-type: none"> ▪ Compliance checks of Out of hours works for mid-year shutdown ▪ Update and implementation checks of CEMP, Sub-Plans and ESCP. ▪ Review heritage, contamination and ERSED management. ▪ External audit of HSEJV. ▪ Compliance tracking program reporting (Q2, 2021)

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

Key Construction	
HBW	<ul style="list-style-type: none"> ▪ All stations – The first week (Wk59) of the two week shutdown commenced. This involved the demolition of station platforms at all three stations and installation of services. ▪ Hurlstone Park: Railway Street – It was noted that traffic control was limiting access to residents and construction vehicles requiring site access. It was noted that parking was available in the station precinct during possession works. Piling had commenced for the retaining wall in the MSB. Lift pit excavations were completed. ▪ Belmore: MSB – Grading works were completed. Platform – Underline crossing (ULX), NDD and heritage investigations works were completed during WE48, Demolition trial of the platform was completed in WE 48. It was noted that car parks were available in the local areas surrounding the station precinct. ▪ Wiley Park: Construction of the MSB retaining wall was completed, material from the MSB embankment was being loaded out and stockpiled in the rail corridor via the Brande Street gate. It was noted that parking was available along Railway Parade. Excavations of the lift pits were completed.

ER Inspections	
HBW	<p>There was two ER inspections conducted by the ER during June 2021 (5/6/21 and 28/6/21). The key issues raised at these inspections were:</p> <ul style="list-style-type: none"> ▪ Sediment had been tracking onto roads at Wiley Park. Street sweeper was organised to clean sediment and ESC to be upgraded.



	<ul style="list-style-type: none"> Tree protection zones (TPZ) were not defined in compound laydown area, with material stored under the drip line. Downer implemented TPZ and tool boxed with staff. Adequate ESCs were not installed along the perimeter fence in the lower portion of the Belmore compound. Downer installed ESC. Vehicles queuing to access sites were idling. Reinforced the non-idling policy. Downer tool-boxed with staff and contractors, traffic control asked to implement non idling policy. It was noted that traffic controllers were parking on the nature strip outside of residential properties at Wiley Park. As a result, the nature strip had started to erode. Downer to investigate traffic control plans and discuss vehicle parking with traffic controllers.
Endorsed Document/s	
HBW	<ul style="list-style-type: none"> OOHW Mid Year Shutdown (Wk52/Wk1) CoAA19 Belmore minor ancillary facility
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 HBW.	
HBW	<p>The ER is aware of no non-compliances and eleven complaints for HBW for the period.</p> <p>Complaints:</p> <p><u>Hurlstone Park</u></p> <ul style="list-style-type: none"> 05/06/21 Complaint that lights were pointing at house since 6 am. Downer switched off lights and would point lights into the rail corridor. 23/06/21 Complaint regarding cigarette smoke blowing over the fence. Downer confirmed that smoking area was 30 metres from property. It was noted that this was tool boxed to staff. 28/06/21 Noisy works on a Sunday and worker behaviour around the entrance of the building, also heard banging and crashing of lots of metal. Site managers addressed worker behaviour during tool-box. 28/06/21 Complaint about jackhammering overnight. Alternative accommodation (AA) was accepted by the complainant. 28/06/21 Two complaints concerning general noise and light spill – AA offered however was not accepted. 29/06/21 Complainant works from home and struggling with the nature of 24/7 work. Noise monitoring was instigated (noted to be within modelled limits) and AA was offered to the complainant. 30/06/21 Complaint on noise, vibration and light spill from services building work, and if monitoring could be conducted to confirm compliance with limits. Lighting towers were relocated, monitoring was undertaken (noted to be within modelled limits) and AA re-offered and declined. 30/06/21 Complaint of noise and fumes from idling trucks. Relocated staging area of trucks and re-tool-boxed/notified sub-consultants on the No-Idle policy. 30/06/21 Complaint of ongoing noise from two-week shutdown work, including during the day as the complainant works from home. Downer confirmed work is being conducted as per approvals. AA was re-offered but refused. Noise cancelling headphones were offered, noting that the family had previously been given moulded earbuds for OOH works. <p><u>Wiley Park</u></p> <ul style="list-style-type: none"> 29/06/21 Noise complaint regarding sleep disturbance. It was later noted that the resident is a shift worker and discussions were ongoing. <p>There were no incidents for HBW reported to the ER under conditions A36 of SSI 8256.</p>
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"> Compliance checks of Out of hours works for mid-year shutdown Update and implementation checks of CEMP, Sub-Plans and ESCP. Compliance tracking program reporting (Q2, 2021)

Project Approval	Contract Package	Environmental Representative/s
SSI 8256 (S2B)	Dulwich Hill Campsie and Punchbowl Station Upgrades (DCP)	Brett McLennan
Key Construction		
DCP	<ul style="list-style-type: none"> ▪ All stations – The first week (Wk59) of the two week shutdown commenced. This involved the demolition of station platforms at all three stations and installation of services. ▪ Lift shafts were excavated at Dulwich Hill and Punchbowl. ▪ Excavation of the bridge shaft was completed at Dulwich Hill. ▪ Service relocation works were completed at the Dulwich Hill Metro Services Building (MSB). ▪ Demolition of the concourse had commenced at Campsie. 	
ER Inspections		
DCP	<p>There were two ER inspection conducted by the ER during June 2021 (5 and 18 June). The key issues raised at these inspections were:</p> <ul style="list-style-type: none"> ▪ Graffiti management at Campsie ▪ Storage of equipment in tree protection zones. ▪ Maintenance of erosion and sediment controls due to leaf debris accumulation. ▪ Parking in local areas. 	
Endorsed Document/s		
DCP	<ul style="list-style-type: none"> ▪ CoAA19 Dulwich Hill minor ancillary facility ▪ OOH Works Fencing installation Dulwich Hill ▪ OOHW Mid Year Shutdown ((Wk52/Wk1) 	
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 DCP.</p>		
DCP	<p>The ER is not aware of any non-compliances; however there were three complaints for DCP for the period.</p> <p><u>Dulwich Hill</u></p> <ul style="list-style-type: none"> ▪ 1/06/21 - Workers parking in private property. Unable to confirm if workers were on the Metro site, however workers were tool boxed on the matter. ▪ 22/06/21 - Complaint of noise during approved OOH works. It was confirmed that workers waited in the site sheds and the relocation of fencing took approximately 40 minutes. Works involved hand tools and was modelled to be <5dB at the receptor about RBL (without façade reduction). It is also noted that it was raining during this work period, which would have masked noise from the rail corridor. <p><u>Campsie:</u></p> <ul style="list-style-type: none"> ▪ 28/06/21 - Access to restaurant adjacent to the station concourse appeared blocked due to works. Traffic controllers confirmed they are situated at both nearby crossings to let pedestrians through Sydney Metro to be kept informed of how business goes once reopened as extra steps such as 'Business open' signage can be installed. <p>There were no incidents for DCP reported to the ER under conditions A36 of SSI 8256.</p>	
Audit		
DCP	No ER involvement in a audit activity including Independent Environmental Audits (IEA Program).	
Looking Forward – Core Focus Areas		
DCP	<ul style="list-style-type: none"> ▪ Compliance checks of Out of hours works for mid-year shutdown ▪ Update and implementation checks of CEMP, Sub-Plans and ESCP. ▪ Compliance tracking program reporting (Q2, 2021) 	

Project Approval	Contract Package	Environmental Representative/s
SSI 7400 (C2S) SSI 8256 (S2B)	Sydney Metro Retained Obligations (SM)	Jo Robertson
Key Construction Activities		
SM	<ul style="list-style-type: none"> ▪ Nil 	
ER Inspections		
SM	<ul style="list-style-type: none"> ▪ Nil 	

Endorsed Document/s	
SM	▪ Nil
Non-compliance/ Incidents or Repeat Complaints	
<p>Sydney Metro has been providing summaries of complaints to DPIE daily and a summary to the ER. Responses to each complaint have been noted in each complaint report, with follow up actions often defined in revised reports. Key or repeat items of note are discussed below for the respective projects.</p> <p>Sydney Metro will be raising a non compliance in July 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.</p>	
Audits	
SM	Nil
Looking Forward – Core Focus Areas	
SM	<ul style="list-style-type: none"> ▪ Compliance review Q3 and Q4 2020 is outstanding and needs to be completed. ▪ 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).

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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