

Carolyn Riley
Director Environment, Sustainability and Planning
Sydney Metro
Transport for NSW
PO Box K659
HAYMARKET NSW 1240

15 June 2021
Ref: 170108-ER_SM-May 2021

Dear Carolyn

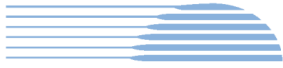
RE: Sydney Metro City & South West Chatswood to Sydenham CSSI 15_7400 – ER Monthly Report for May 2021

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), MOD 5_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; and
- PROFESSIONAL SERVICES CONTRACT PSC No.00013/10897 Independent Environmental Representative City & Southwest between Transport for NSW and Healthy Buildings International Pty Ltd (HBI) (18 January 2017).

This report provides a summary of key assurance activities undertaken by HBI as ER for Sydney Metro – City and South West for the month of May 2021 (Attachment A) for the following work packages.

- 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 Lakembla (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



Please refer to Attachment B for the Core Focus Area review conducted as part of our assurance activities. This summary highlights aspects of each work package that we believe require action to mitigate an actual or potential risk of non compliance with the Conditions of Approval. It is recommended that any items marked as OPEN in the Core Focus Area Review summary be reviewed by Sydney Metro and actioned as appropriate.

Yours sincerely

Jo Robertson
Project Director

Cc. SM: Ben Armstrong, Fil Cerone, Andrew Hendy, Chris Berg, Pam Tummers, Tim Solomon, Ann Paterson, Julia Diamond

ERs: Michael Woolley, Jo Heltborg, Rui Henriques, George Kollias, Brett McLennan, Swathi Gowda

IEA: Larry Weiss

Attachment A: Summary of key assurance activities

Contract Package		Environmental Representative/s
Tunnel and Station Excavation (TSE)		Michael Woolley
Key Construction Activities		
TSE	<p>Marrickville stabling yard:</p> <ul style="list-style-type: none"> Completion of works required for handover of the site – mainly requiring minor relocation of stormwater pits. <p>Barangaroo Station:</p> <ul style="list-style-type: none"> Water treatment plant (WTP) operating. Ongoing FRP (form reo pour) for slabs and walls in the station box utilising significant scaffolding as temporary support for formwork. Laydown areas for steel and equipment. Installation of super T girders ongoing. 	
ER Inspections		
TSE	<p>There was one ER inspection carried out during the month. Issues identified during the inspection included:</p> <ul style="list-style-type: none"> Marrickville: A washout of a new batter was observed in the SW corner of the site down gradient of hardstand areas. The factors leading to the washout should be addressed. Marrickville: A hole was observed in the geofabric on the southern boundary of the site below the high tide marked of pooled water from recent rains. This should be fixed to maintain ERSED controls in the area <p>As the Marrickville site was handed over to Line Wide Contractors in May, there will be no further TSE ER Inspections or involvement of the TSE ER at this site.</p>	
Meetings		
TSE	<p>The following project meetings were attended by the ERs: TSE – 19/05/21; 25/05/21; 27/05/21</p>	
Endorsed Document/s		
TSE	<ul style="list-style-type: none"> SEP Marrickville Rev 9 <p>Reviewed:</p> <ul style="list-style-type: none"> Close out condition Clyde Addendum REF 	
Compliance Tracking Program Reporting		
TSE	<ul style="list-style-type: none"> Close of conditions form for Clyde Addendum REF Review of CTR for Q1 2021 	
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. There were no complaints reported to have been received for the TSE works during May. There were no incidents reported by JHCPBG as defined by the project approval definition for incidents under condition A41.</p> <p>Further consideration of compliance with Condition E61 was ongoing for some TSE excavation sites.</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"> Nil 	

Contract Package		Environmental Representative/s
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 completed. Base slabs poured and being poured. ▪ Central Walk – Excavating for Central Walk essentially complete except for escalators. FRP works for columns, shotcreting. Works within hoarded work zones on suburban Platforms 16-23 and platform surface excavation during rail possession weekends. Construction of guard’s buildings ongoing with a number completed and handed over to Sydney Trains for operational use. Commencement of installation of final panels around the new escalator on Platform 16. This area sectioned off from the rest of the area to allow final fit out to commence. Ongoing installation of final panels around the new escalator on Platform 16. ▪ Removal of concrete and resurfacing of platforms and other related activities during weekend possessions. ▪ Sydney Yard - Installation of sediment pits at ramp to track 18. 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 – Completion of installation of beam under the CEB and unload from temporary supports to the beam. Further works at intersection of Northern Concourse and Metro Box area. ▪ Eastern Entrance – Intermittent rock hammering ongoing for the high voltage (HV) cable trench and detail excavation at the base of the shaft. ▪ Devonshire Street Tunnel- In operation and used by commuters. ▪ CSR works Railway Parade – No activities observed at the surface. ▪ ESR Concourse - Temporary walkway installed and in use by pedestrians to allow for further works in the area. Ongoing works. ▪ Ghost Platforms (above ESR Platforms 24-25) - Ongoing electrical and other fit out. Preparation for under bore for CSR route involving 80m drilling with material being processed on the surface outside the railway Institute Building. ▪ Eddy Ave Booster - No current work activities. Area of booster surrounded by ATF fencing. 	
ER Inspections		
Central Station	<p>There were two ER inspections conducted in May 2021. The key issues raised at the inspections were:</p> <ul style="list-style-type: none"> ▪ Sediment was observed in the low point near the WTP. This was still to be cleaned up at time of inspection. Post inspection a photo was provided showing area had been cleaned up. ▪ The bin used for collecting sweeper wastes was full. LOR had stood down the sweeper until the bin could be emptied. It is understood the bin was emptied soon after the inspection. ▪ The hardstand was much dirtier than usual and in need of cleaning. Part of the reason is understood to be due to the sweeper truck not being in operation at the time (see above issue). 	
Meetings		
Central Station	<p>The following project meetings were attended by the ERs: Central Station – 01/05/21; 11/05/21; 19/05/21</p>	
Endorsed Document/s		
Central Station	<ul style="list-style-type: none"> ▪ Nil this reporting period 	
Compliance Tracking Program Reporting		
Central Station	<ul style="list-style-type: none"> ▪ Receipt of CTR for Central Station Q4 2020 ▪ Review of Notifications ▪ ER Endorsement letter CTR Q4 2020; review of evidence and CTR 	
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. Most of the complaints continue to be received from one complainant and related to noise from daytime and OOHs works.</p> <p>The following events were reported in May:</p> <ul style="list-style-type: none"> ▪ On 17 May Sydney Trains reported sediment laden water had entered Platform 25 which lies under 	



	<p>the Ghost Platforms. The source of the water was reported by LOR to be from the works at the Eastern Entrance. LOR reported the material was cleaned up at night times after trains stopped running on 20 May 2021.</p> <ul style="list-style-type: none"> On 15 May LOR reported a small spill of Ferric Chloride at a low point near the water treatment plant. The spill was contained and cleaned up. <p>These events 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

Contract Package	Environmental Representative/s
Sydenham Station and Junction (SSJ)	Jo Heltborg
Key Construction Activities	
SSJ	<ul style="list-style-type: none"> Geotechnical Area: Internal fit out of Western Metro Services Building (MSB) ongoing. Package 150 CSR commenced with excavation of underbore launch and receiving pits, installation of shoring box. Gabion retaining wall construction had commenced. Burrows Ave / Station plaza: Station plaza/concourse works ongoing, including service installation, bike shed construction, preparation for rough landscaping and paving. Public seating delivered for installation. Bolton St / Hogan Ave: Jemena gas main works completed during WK46. Road restoration planned – night works WK47. Sydenham Station, Platforms 1 and 2: Retaining wall construction ongoing. Track slab pours past pump station; cess drain almost joined to Bedwin Road. Continuation of works to new station structures and construction of Metro Platforms 1 and 2/3, the majority of concrete pours complete. New Platform 1 building construction underway, as well as canopy cladding. Sydenham Road: Sydenham Road widening works ongoing including paving of new footpath, gutter work. 11 Sydenham Road (main site): 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, and preparation for rough landscaping and retaining wall. Asphaltting of Garden Street and internal haul road. Completion of water main works at Gate 12A. Sydenham Pit and Pumping Station: Construction of Retaining Wall 4 (RW4) continuing, capping beam complete to the pump station. Cess drainage continuing at the pump station. Preparation for shotcreting of the top edge of Sydenham Pit via EWPs. Confluence Structure and Temporary Upstream Connection: Stockpiling, earthworks and infill ongoing up to the Bedwin Road site. RW4 formwork ongoing around the edge of the confluence structure. Bedwin Road: Piling complete and piling rig demobilised. Formwork and concreting for track slab drainage; infill work/ levelling of area for shunt track. Installation of bridge throw screens. Road switch in place for pavement and road bridge restoration works.
ER Inspections	
SSJ	<p>There were two inspections conducted by the ER in May 2021. 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 Tracking onto public roads at Garden Street, and availability and frequency of use of the street sweeper.
Meetings	
SSJ	<p>The following project meetings were attended by the ERs:</p> <p>SSJ – 06/05/21; 11/05/21; 17/05/21; 20/05/21</p>
Endorsed Document/s	
SSJ	<ul style="list-style-type: none"> SSJ CHMP Rev10 SSJ CEMP Rev14

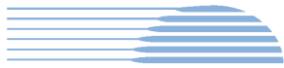


	<ul style="list-style-type: none"> SSJ CSWMP Rev 13
Compliance Tracking Program Reporting	
SSJ	<ul style="list-style-type: none"> Chase-up Q1 2021 CTR evidence from contractor 2021 Q1 CTR Review of additional evidence provided by JHLOR to address CoAs & REMMs – including heritage file note in relation to Sydenham Pit & sustainability data" Complete SSJ 2021 Q1 CTR; preparation of draft report Receipt of CTR for SSJ Q1 2021
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 SSJ.	
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 Cumulative impacts at Bedwin Road and potential impacts to residents on Edgeware Road Implementation of the tree replacement strategy Completion of selected Conditions of Approval

Contract Package	Environmental Representative/s
Line Wide (Tallawong to Bankstown)	Swathi Gowda (North) / George Kollias (South)
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 being consolidated Snake Mountain - base scope of works targeting completion by end of August 21 Maintenance Shed works (Roads 5 to 8) - electrical and installation works on-going <p>Northern Hub (Incorporating Chatswood Dive Site and Northern Connection and Hopetoun Ave)</p> <ul style="list-style-type: none"> Set up, testing, grouting and demobilisation of spindles (UP tunnel) Sleeper install (DOWN tunnel) Epoxy sides of sleepers in Yard Movement of piling cages Gantry Crane lifts Sleeper load out (Logistics Team) Plating sleepers (in Dive) Mechanical and electrical fitout works Forming up infill slab (Down Line) Piling works for Western Wall underway and Eastern Wall had commenced Shutter building and backfilling works, nearing completion 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 <p>Artarmon Traction Sub-station (TSS)</p> <ul style="list-style-type: none"> Service installation and form reo pour works for L Wall underway Permanent traction sub station (TSS) access gate works underway Blinding preparation works underway Trenching and combined services route (CSR) works along footpath adjacent to Whiting Street



	<p>completed</p> <ul style="list-style-type: none"> ▪ Trenching for CSR install works within the TSS site ▪ Floccing in progress, within lined bins ▪ Backfilling of OSD Tank (Southern side) <p>St. Leonards Storage Area</p> <ul style="list-style-type: none"> ▪ Northern Connection Team demobilised from site <p>Blues Point Access Site</p> <ul style="list-style-type: none"> ▪ Sleeper deliveries ▪ Concrete pour underway with line pump set up ▪ Grinding of welds ▪ General clean up of site <p>Canterbury to Campsie BPS</p> <ul style="list-style-type: none"> ▪ No work reported <p>SW Corridor Traction Substation sites</p> <ul style="list-style-type: none"> ▪ Operation of compound and laydown at Belmore Compound – new access gate installed (Bridge Rd) Campsie TSS ▪ Ongoing excavation works ▪ Asbestos material load-out. Hygienist and air monitoring on-site ▪ Load-out of material ▪ Conduit laying, mandrill and concrete encasement ▪ Delivers of concrete, stormwater pits, sand and thermal mix ongoing <p>Surry Hills – Central Bulk Power Supply Works</p> <ul style="list-style-type: none"> ▪ Unexpected heritage managed with Heritage Consultant on-site, where required ▪ Frog Hollow Reserve – excavation under wall at top of the Reserve and other works completed. Awaiting Council confirmation on final landscaping/ reinstatement requirements ▪ Belmore St and corner of Foveaux St - investigation works completed and worksite demobilised <p>Southern Dive and SMTF South Marrickville</p> <ul style="list-style-type: none"> ▪ Track slab pour in progress (Up and Down Line) ▪ Piling works for SMTF – S Administration Building completed. ▪ Concrete deliveries ongoing ▪ Form Install (Down Line) ▪ Jack and preparation of rail (Down Line) ▪ Mark out and survey services pad ▪ Civil works for CSR and drainage ▪ Concrete breakout and washout in progress <p>Line wide activities at Martin Place (Bligh St), Pitt St and Central</p> <ul style="list-style-type: none"> ▪ No work reported.
ER Inspections	
Line Wide	<p>For SMTF North, the key issues observed/discussed were:</p> <ul style="list-style-type: none"> ▪ Landscape planting completed in Snake Mountain and SMTF Expansion Area ▪ Some tree plantings adjacent to the northern boundary fence of Snake Mountain and ground cover in the SMTF Expansion area (near signalling building) alongside the road have not established. ER requested evidence of SC’s process in managing above through the landscaping and maintenance contract or through a defect register process (or similar). ▪ Water cart mobilised and noted during inspection, for dust management ▪ Section of Snake Mountain has been ripped and manually seeded as part of site stabilisation works – establishment of grass cover to be monitored ongoing ▪ Weed control undertaken, adjacent to southern side of the Maintenance Shed. <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 the key issues observed/discussed were:</p> <p><u>Northern Hub</u></p> <ul style="list-style-type: none"> ▪ Chatswood Dive Pre-Start Area - positive Housekeeping message and requirements displayed in Pre-Start Area. ▪ Chatswood Dive Site - Water cart/sweeper had been used in the yard and external areas were



observed to be generally tidy.

- Minor housekeeping items: eg: Some hydraulic oil cans in Mechanical Maintenance Shed were observed to have no secondary containment; lined bin for concrete waste was observed to contain some rubbish.
- Concrete delivery site at Hopetoun Avenue was inspected and observed to be generally tidy.
- WTP filter cake (classified as GSW) was contained and not overfilled in storage area. Ongoing monitoring required ensuring that the storage area does not exceed capacity.
- Concrete spillage observed on ground in Piling Area (Western and Eastern Walls). SC confirmed that during concrete pours of piles, a blockage had occurred in the concrete line pump warranting unblocking of the line and that clean up was scheduled that afternoon (i.e. 18th May 21). Action raised for removal of concrete and clean-up.
- Concrete delivery site at Hopetoun Avenue was inspected and observed to be generally tidy – no deliveries observed.

Cleland Road Site

- New project shade cloth installed by SC, replacing sections of older shade cloth observed to have graffiti facing rail corridor and within site compound (raised previously as an action).
- Project signage (raised previously as an action) was installed on Access Gate by SC.

Artarmon TSS site

- Ongoing trenching and CSR works along footpath adjacent to Whiting Street including spoil load out had appropriate controls in place – geofabric covering spoil that had been excavated, timber boards covering sections of trench that had been excavated and ERSED controls around kerb drains
- Floccing in progress, within lined bins

Valetta Lane Access

- No graffiti observed on shade cloth around access gate and fence.

Blues Point Access Site

- Rumble grid in place at site entry/exit and road at site entrance. No evidence of tracking observed. Minor oil sheen observed on wet surface within site and source not evident. Discussion held on-site with Site Supervisor to address using absorbent pad. Contractor re-inspected area and confirmed no recurrence of oil sheen.
- SC confirmed all water from site captured within Project's Water Treatment Plant.

Civil and Track Work Areas (South) the key issues discussed were:

Campsie TSS

- Accumulated rainfall run-off in trench/ excavated area pumped to holding tank at Campsie TSS for treatment and testing, prior to discharge via Discharge Permit process. Sediment fence in place along boundary
- Removal of asbestos material from Campsie TSS site, using a specialist contractor and load-out. Flagging and signage onsite and across site gate. SC reported Hygienist and air monitoring on-site

Southern Dive & SMTF South Marrickville

- Piling works completed for SMTF – S Administration Building. Piling for remaining buildings planned to commence in next couple weeks. Action raised for tonal alarm on Piling Rig to be swapped-out for non-tonal alarm.
- Piling material stockpiled in area. SC confirmed no contamination encountered during piling work.
- WTP components from Crows Nest observed on-site with set up and commissioning planned post handover from TSE. Handover of TSE Areas expected to occur on 26th May.
- Concrete wash-out into skip bins available for concrete agitator trucks delivering to Southern Dive track slab pour.
- Some dirt tracking from SC controlled site gate (11th May) to Sydney Steel Road, Marrickville. SC Supervisor advised that street sweeper will be deployed prior to end of shift.
- Sediment controls are in place around kerb drain and pit behind Site Offices. Maintenance required by removal of sediment/dirt accumulated near kerb drain on Sydney Steel Road and near pit and surrounds, behind Site

For **Bulk Power Supply Work Areas (South)** the key issues discussed were:

Surry Hills – Central BPS

- Frog Hollow Reserve Site (11th May) - Maintenance required by removal of sediment accumulated behind sediment fence at Frog Hollow Reserve, and sediment amongst road plates and kerb line on

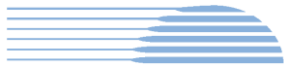


	<p>Little Albion Street</p> <ul style="list-style-type: none"> ▪ Frog Hollow Reserve Site (25th May) - Works now complete and sediment controls installed. SC awaiting Council confirmation on final landscaping/ reinstatement requirements. ▪ Discussed Randle Lane OOH works occurring over nights. OOH works also occurring in the area, by others. ▪ Noise attenuation blankets placed up on ATF fencing around site for investigation works at Belmore St, corner of Foveaux St.
Meetings	
Line Wide	The following project meetings were attended by the ERs: Line Wide – 05/05/21; 11/05/21; 19/05/21
Endorsed Document/s	
Line Wide	<ul style="list-style-type: none"> ▪ OOH-082 Surry Hills BPS Randle Lane Nightworks April - May 21 Rev 1 ▪ OOH-090 Artarmon BPS Investigation Works ▪ OOH-097 Surry Foveaux Investigation Works ▪ OOH-098 Artarmon TSS Saturday Works May ▪ OOH-099 WE48 Sydenham - Bankstown Line HV Cable Installation 29-30 May ▪ OOH-102 WE48 Dulwich Hill TSS OH Transmission Line Installation 29-30 May ▪ OOH-105 WE49 Southwest Corridor HV Cabling Installation Zone 9 28 May ▪ OOH-106 Southwest Corridor OOH Delivery Dulwich Hill May 22-26 ▪ OOH-104 Surry Hills BPS Elizabeth Street Nightworks 24 May - 9 June ▪ OOH-109 Artarmon BPS Investigation and Excavation Works ▪ OOH-111 - SMTF North WE49 Possession - 05-06 June
Compliance Tracking Program Reporting	
Line Wide	<ul style="list-style-type: none"> ▪ update on progress ▪ LW CTR query
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>Two non-compliances were reported to the ER during the reporting period in relation to 2 complaints received on 17th and 25th May at Blues Point (discussed further below under “Complaints”).</p> <p><u>LW North:</u></p> <ul style="list-style-type: none"> ▪ 17/05/21 – Blues Point Access Site- Resident complained about heavy vehicle movements outside of the hours permitting heavy vehicle movements (prior to 7 am), supplying an image of a truck taken at 5:20am. SC investigated the cause and was advised that the vehicle was transporting a crane as a matter of urgency to replace an existing crane that was undergoing maintenance. SC emailed the stakeholder to apologise for the disturbance and advise of the investigation outcome. ▪ 25/05/21 - Blues Point Access Site- Resident complained about alleged continued heavy vehicle movement breaches of standard construction hours. Complainant’s email stated that on 25th May at 6:35am, 2 heavy vehicles (one being a mobile crane) had made their way onto the site along Blues Point Road. SC investigated the cause and was advised that the vehicles were scheduled to arrive on site during standard construction hours. The vehicles had departed the Contractor's depot and arrived on site earlier than expected, due to less road traffic. SC emailed the complainant to apologise for the repeat disturbance, advise of the investigation outcome and corrective action. ▪ 25/05/21 – Noise complaint- Artarmon – Noise complaint was found to not be related to SC works <p><u>LW South</u></p> <p>04/05/21 Surry Hills – Noise. Unrelated OOH works at Chalmers St.</p> <ul style="list-style-type: none"> ▪ 12/05/21 – Surry Hills (BPS) – Noise: Stakeholder advised that noise was waking him up but could not or would not specify the type of noise or what was creating it. SC confirmed road plates were being laid at the time of the call. Noise monitoring was undertaken on the night of 11th May and indicated noise was below predicted levels. SM complaints process in place to respond to this stakeholder. ▪ 16/05/21 - Surry Hills (BPS) – Noise: Stakeholder reported excessive noise from Randle Lane, especially during night work. SC investigated complaint and noise monitoring confirmed that work was being carried out within approved limits for this activity. Respite offer (RO) was sent to property in mid-April. Stakeholder was advised that only one night of work remained. RO re-sent for remaining work period.



	<ul style="list-style-type: none"> 31/05/21 –Noise complaint about excessive drilling noise – Noise complaint not related to SM works. <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. The following minor (class 3) incidents were recorded.</p> <p><u>LW North</u></p> <ul style="list-style-type: none"> 23/05/21 – Northern Dive - Hydraulic hose connections on the powered concrete pump trailer became loose and discharged hydraulic oil (approximately 20 L) in a section of the tunnel. The release was controlled, contained and cleaned up by deployment of spill kits. 31/05/21 – Northern Connection – A blown fitting on small hose on piling rig caused a small oil spill (less than 2L) in the piling area. Hose fitting was changed out and spill cleaned up using spill kit. <p><u>LW South</u></p> <p>26/05/21– Southern Dive Portal - A Hi-Rail Excavator dripped differential oil (1 L) while working in the Down Tunnel portal. Spill materials were deployed to clean up the oil and the excavator was parked and tagged out for repairs.</p>
Audits	
Line Wide	<ul style="list-style-type: none"> Nil this reporting period
Looking Forward – Core Focus Areas	
Line Wide	<ul style="list-style-type: none"> Landscaping 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).

Contract Packages	Environmental Representative/s
TSOM (Train Service Operation and Maintenance)	Swathi Gowda
Key Construction Activities	
TSOM – SMTF(N)	<ul style="list-style-type: none"> Punch list of works for trackside communication equipment, completion planned by the end of month on Roads 24-29 including cable pulling between Roads 24-29. Internal fit-out of DSER2 room completed, with testing of fibres and cables to new cabinets and racks, nearing completion final testing. <p>Possession Work:</p> <ul style="list-style-type: none"> WE44 – May 01-02 – (SMTF-N) – Installation of 2 points machines. WE45 – May 08-09 – SMTF-N – Train Testing WE46 – May 15-16 – SMTF-N – Train Testing
Degnan OCC Works	<ul style="list-style-type: none"> Punch List continues to be ongoing. Alstom continue working in CER 2 on cable terminations, with installation of final x 3 cabinets completed Schneider - CER 2 works nearly completed with termination of cables.
ER Inspections	
TSOM	<ul style="list-style-type: none"> No ER inspections conducted in May 2021
Meetings	
TSOM	The following project meetings were attended by the ERs: TSOM – 11/05/21
Endorsed Document/s	
TSOM	<ul style="list-style-type: none"> Nil this reporting period
Compliance Tracking Program Reporting	
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	The ER is not aware of any complaints or NCRs. 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	No audits proposed



Looking Forward – Core Focus Areas	
TSOM	▪ Nil this reporting period

Contract Package	Environmental Representative/s
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

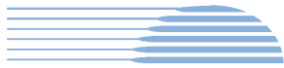
Key Construction Activities	
MP-ISD	<p>Bligh Street:</p> <ul style="list-style-type: none"> ▪ Concrete deliveries and pumping. Water treatment plant operation <p>Martin Place South (MPS)</p> <ul style="list-style-type: none"> ▪ Ongoing waterproof lining activities ▪ Ongoing excavation by road header of the pedestrian tunnel with scrubber units to extract and treat air from the working face. Installation of steel sets to support the roof of the tunnel ▪ Construction (FRP) of walls; columns and floor slabs ▪ Loading of tunnel spoil for transport offsite ▪ Collecting water in a sump and pumping it to the MPN site <p>Martin Place North (MPN)</p> <ul style="list-style-type: none"> ▪ Various work activities in the excavation such as FRP for columns; lift shafts; walls; floor slabs and other various items <p>Station Caverns and Adits</p> <ul style="list-style-type: none"> ▪ Steel fixing for cavern lining/exhaust support pour over 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"> ▪ Site establishment activities including site shed fit out ▪ 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 building core ▪ Installation of replacement Alimak lift ▪ Concrete deliveries, pumping and pours <p>Victoria Cross South</p> <ul style="list-style-type: none"> ▪ Core footing construction along 65 Berry Street for building core (1/3 of wall length at a time to maintain wall stability) ▪ Stockpiling of waste concrete and spoil on the concrete hardstand ▪ Stabilisation and support works of excavation face and wall along Miller street footpath including construction of scaffolding and drilling of anchors into the wall from scaffold mounted drills ▪ Monitoring of wall movement ▪ Storage compound and sheds on Miller Street behind ATF fencing and at corner with Berry Street ▪ Concrete delivery and pumping on delivery lane along Miller Street under ROL <p>Station Cavern</p> <ul style="list-style-type: none"> ▪ Installation of ventilation ducting and sound attenuation mats on roof of cavern ▪ FRP works on platforms in south and north ▪ Laydown area on cavern floor
CN-ISD	<ul style="list-style-type: none"> ▪ Site establishment activities complete ▪ Detailed excavation complete ▪ TSE water treatment plant removed from site (by Linewide Contractor) ▪ Waterproofing activities ongoing ▪ In-ground service and ULX conduits install ▪ Steel fixing, formwork and pour of first base slab ▪ Lifting and placing steel cages for wall construction



	<ul style="list-style-type: none"> ▪ Concrete pours for sump lids and preparation to pour next ground slab
PS-ISD	<p>Pitt Street South</p> <ul style="list-style-type: none"> ▪ Excavation for services and footings ▪ Concrete deliveries and pumping ▪ Concrete pours for footings and core of the building ▪ Jump form structures completed first lift ▪ Water management and operation of water treatment plant (WTP) as required ▪ Waterproofing works <p>Adits and Platform Caverns</p> <ul style="list-style-type: none"> ▪ Adits FRP works to station cavern ▪ Installation of ventilation supports ▪ Ongoing platform works with placement of pre-cast platform units <p>Pitt Street North</p> <ul style="list-style-type: none"> ▪ Shed Installation at Castlereagh St completed with signage/graphics works remaining ▪ Concrete deliveries and pumping at Castlereagh and Pitt Streets ▪ Waterproofing works ▪ FRP works in footings and building core with jump form structure nearing completion ▪ Ongoing saw cutting/Jackhammering to allow construction of columns in the concrete wall adjacent Castlereagh Boutique Hotel ▪ Water management and operation of water treatment plant (WTP) as required
WL-ISD	<ul style="list-style-type: none"> ▪ Steelworks and formwork for walls ▪ A-frame formwork at Headwalls North and South ▪ Next level form and pour amongst the Jumpform for Core Walls ▪ Precast platform segments, girder beams and plank deliveries and install ongoing ▪ First pour of B3 floor slab undertaken ▪ Construction of falsework (“birdcage”) adjacent B3 Concourse Level ▪ Gate B1 widening ▪ Water Treatment Plant upgrade installed ▪ Cranage of materials via multiple cranes ▪ Beam & plank deliveries / install and concrete pours during OOH works
ER Inspections	
MP-ISD	There was one inspection conducted by the ER in May 2021. There were no issues raised during the inspection.
VC-ISD	<p>There were two inspections conducted by the ER during May 2021. Issues raised at these inspections were:</p> <ul style="list-style-type: none"> ▪ VCN: Ongoing complaints being received regarding the damaged road/footpath at the Denison and Berry Street footpath. ▪ VCN: Water had accumulated in the drain at McLaren Street and was required to be pumped out. ▪ VCN: Three plant items were not fitted with a non tonal reversing alarm. <p>Lendlease responded promptly to address the actions raised.</p>
CN-ISD	<p>There were two inspections conducted by the ER during May 2021. 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 ▪ Observed cherry picker operation noting that tonal alarm heard during previous ER Inspection has been modified and issue rectified ▪ Overhead walkways to be installed coming weeks with Consistency Assessment having been finalised ▪ Heritage interpretation signage and project contact details installed along Pacific Hwy hoarding ▪ Hydrocarbon spill identified under Spider Concrete Pump during inspection. Review spill reporting and clean-up with Site Teams ▪ Implement compliant bunding and storage of fuel jerry cans whilst not in use where observed in multiple locations across site ▪ Discuss site lighting and timer where recent light spill complaint had been received ▪ Ensure concrete waste streams not contaminated with other litter/wastes. Remove grease cartridge and glue nozzle/packaging from concrete washout skips. Provide waste bin for oil/grease waste



PS-ISD	<p>There were two inspections conducted by the ER in May 2021. The key issues raised at these inspections were:</p> <ul style="list-style-type: none"> ▪ CPB described the records being taken and kept in relation to discharged water and it was identified that these could be better documented. ▪ Storage of hazardous chemicals. Fuel container storage cage requires appropriate bunding rather than placement directly on ground.
WL-ISD	<p>There were two inspections conducted by the ER in May 2021. The key points raised at these inspections were:</p> <ul style="list-style-type: none"> ▪ Observe first night of beam deliveries on 27th April. Crew generally quite diligent around angling /clanging of chains. Ratchet gun was used for 4 bolts securing beam to truck and jinker. Noise monitoring undertaken ▪ Jerry can observe in a position with potential to fall off bund. Ensure compliant storage on Hazardous Substances bunds ▪ Manage site sump levels adjacent Botany Road gate to prevent overflow offsite ▪ Controlled overflow sediment controls in place for recent rain (adjacent Turkey's Nest basin) ▪ Clean up coffee cups and litter on site and provide waste bin at Alimak access ▪ Some wall pours planned and approved to extend into the Out of Hours periods. One technical wall pour ran over planned end of 10pm; NCR will be raised by JHG to capture corrective/preventative actions ▪ City of Sydney approval for Temporary Works Area on Wellington Street and Cope Street. Trucks waiting to deliver to site parked appropriately and turned off while waiting ▪ Ongoing precast platform segments, girder beams and plank deliveries and install, facilitating further concrete pours and greatly progressing construction program. ▪ Implement controls where Polystyrene Foam removed once formwork stripped to prevent blocks remaining onsite and being broken up. ▪ JHG report unexpected finds of ACM and Heritage Consultant onsite during the Gate B1 widening works ▪ Installation of 3 glass sand filters to improve Water Treatment Plant performance at increased flow-rate
Meetings	
MP-ISD	The following project meetings were attended by the ERs: MP ISD – 07/05/21; 11/05/21; 24/05/21
VC-ISD	The following project meetings were attended by the ERs: VC ISD – 03/05/21; 11/05/21; 17/05/21; 28/05/21; 31/05/21
CN-ISD	The following project meetings were attended by the ERs: CN ISD – 11/05/21; 12/05/21; 26/05/21; 31/05/21
Barangaroo	The following project meetings were attended by the ERs: BS ISD – Nil
PS-ISD	The following project meetings were attended by the ERs: PS ISD – 04/05/21; 11/05/21; 12/05/21; 18/05/21; 19/05/21; 26/05/21
WL-ISD	The following project meetings were attended by the ERs: WL ISD – 06/05/21; 11/05/21; 20/05/21
Endorsed Document/s	
MP-ISD	<ul style="list-style-type: none"> ▪ OOH79 Removal of Platform
VC-ISD	<ul style="list-style-type: none"> ▪ OOH 10 Site Accommodation and Tower Crane ▪ OOH11 Cavern Works ▪ OOH12 Tower Crane Install and Work in the South Shaft <p><u>Reviewed:</u></p> <ul style="list-style-type: none"> ▪ CTR Spreadsheet Q4 2020 Revised ▪ Condition Close out form
CN-ISD	<ul style="list-style-type: none"> ▪ Consistency Assessment - Walkway and gantry install ▪ OOH-009 Out-of-hours work application Concrete Pours - Extension past 19 May Rev 3 <p><u>Reviewed:</u></p> <ul style="list-style-type: none"> ▪ OOH-004 OSOM Girder Deliveries Rev 3 ▪ Construction Visual and Landscape Management Plan Rev E



BS-ISD	<ul style="list-style-type: none"> Nil this reporting period
PS-ISD	<ul style="list-style-type: none"> OOH23 June OOHs <p><u>Reviewed:</u></p> <ul style="list-style-type: none"> CNVIS Rev 6
WL-ISD	<ul style="list-style-type: none"> Nil this reporting period <p><u>Reviewed:</u></p> <ul style="list-style-type: none"> CNVMP Rev 0.2 CEMP Rev 0.2 OOHWA #15 June OOH Work_RevA
Compliance Tracking Program Reporting	
MP-ISD	<ul style="list-style-type: none"> Review of CTR Q1 2021
VC-ISD	<ul style="list-style-type: none"> Review of revised CTR; Preparation of ER Endorsement Letter. Draft CTR for VC-ISD for Q4, 2020 (left for MCW to finalise) Finalise and issue ER endorsement letter. Review and approve OOH 10 Rev 7a
CN-ISD	<ul style="list-style-type: none"> Nil this reporting period
BS-ISD	<ul style="list-style-type: none"> Nil this reporting period
PS-ISD	<ul style="list-style-type: none"> Review of CTR Q1 2021'Review of Noise and vibration monitoring reports
WL-ISD	<ul style="list-style-type: none"> Waterloo ISD 2020 Q4 CTR – final draft report. Send to Jo for review Review, finalise and issue the WL CTR Q4, 2020 Waterloo ISD 2020 Q4 CTR – finalised, reviewed and sent 20210511 WL ISD 2020 Q4 Env compliance reqts completion approval_JHG_ER
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 and traffic congestion; use of a tonal alarm on an EWP; and works going late (see incident below).</p> <p>The following non compliance was reported:</p> <ul style="list-style-type: none"> Completing out of hours works outside of an approved out of hours at VCN on 25 May due to delays in a concrete pour from a blockage in the pipes of the concrete pump. Lendlease did not notify the community of the extension of works to 9:30pm.
CN-ISD	<p>One noncompliance was reported to the ER during the reporting period.</p> <ul style="list-style-type: none"> On 24 May, a lift using Tower Crane 2 (Site A) commenced at approximately 5.30pm with works finishing out of hours (8pm). As the works took longer to complete these ran over time and no out of hours approval was in place. <p>No incidents reported this period No complaints were reported this period</p>
PS-ISD	<p>There were significantly fewer complaints received over the May period as compared to April. Events reported during May comprised:</p> <ul style="list-style-type: none"> a small oil spill had occurred inside the adit on 21 May and was contained in the immediate area within the adit
WL-ISD	<p>Incidents / Non-compliance reported by JH:</p> <ul style="list-style-type: none"> NCR Wall Pour Over-run 03/05/21: Some wall pours planned and approved to extend into the out of hours periods. One technical wall pour ran over planned end of 10pm Spill Incident 13/05/21 – Spill during refuelling of 500T Mobile Crane <p>Noise complaints received:</p> <ul style="list-style-type: none"> 07/05/21: Resident on Wellington Street shouted at traffic controllers complaining about OOH noise. Offered the resident customised earplugs, which were declined 10/05/21 (also 07/05/21): A resident on Wellington Street emailed regarding OOH noise. Asked the



	<p>resident to provide more information on the timing of the noise that disturbed her, which had not yet been provided</p> <ul style="list-style-type: none"> ▪ 18/05/21: A resident on Botany Road complained about the noise from the site, noting that her roommates have recently moved out due to the noise. JHG report noise levels for night work are compliant with the projects approvals. The resident has been offered earplugs, to be fitted 22/05/21 ▪ 19/05/21: A resident on Botany Road complained about the noise from the site, noting that her roommates have recently moved out due to the noise. JHG report noise levels for night work are compliant with the projects approvals. The resident has been offered earplugs, to be fitted 22/05/21 ▪ 15/05/21: Visual Amenity (Light Spill): Botany Street resident advised flood lights are shining into his apartment at night and he is having trouble sleeping. Lights for the station box are required for security and safety. The resident has taken up an offer of blind installation in the bedroom window ▪ 22/05/21: Noise and Lights: Resident on Wellington Street called the 1800 line to complain about loud music from the site. Night supervisor confirmed that there was no music being played by workers but the Cauliflower Hotel had music playing ▪ 22/05/21: Noise and Lights: Resident on Wellington Street contacted the CPM to complain about site lights shining into his home, noise from the site and general disruption ▪ 26/05/21: Visual Amenity (Flashing Lights): Resident on Botany Road (between McEvoy and Wellington streets) complained directly to the driver of the oversize escort vehicle about the flashing lights on the vehicle ▪ 31/05/21: Dust: Resident on Botany Road met with the CPM, he complained about light shining into his apartment and seeing dust blow out of the site recently
Audits (specific to packages reported in this report)	
ISDs	CN ISD: 18/05/2021 AWE Internal Audit: Site Inspection and Desktop
Looking Forward – Core Focus Areas	
MP-ISD	▪ Noise and Vibration from excavation of the Pedestrian Tunnel beneath 50 Martin Place.
VC-ISD	▪ Out of hours works and monitoring at the south shaft.
CN-ISD	▪ Development of additional OOH Works proposals
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
Contract Package	
Sydenham to Bankstown Sydney Metro Corridor (SMC)	Environmental Representative/s Jo Heltborg
Key Construction and Low Impact Works Activities	
SMC	<ul style="list-style-type: none"> ▪ Canterbury Compound: Proposed compound site covered with DGB, and preparation for asphaltting. ERSED controls established. Hazardous Materials Building Survey conducted for demolition of the Bowls Club. Bat surveys conducted. ▪ Assessment of environmental impacts associated with the use of proposed ancillary facilities at Punchbowl and in the Belmore triangle.
ER Inspections	
SMC	There was one inspection conducted by the ER in May 2021. No new issues or actions were raised.
Meetings	
SMC	The following project meetings were attended by the ERs: SMEW – 04/05/21; 18/05/21; 19/05/21; 24/05/21; 31/05/21
Endorsed Document/s	
SMC	<ul style="list-style-type: none"> ▪ SMC CEMP Rev06 ▪ Ancillary Facility Checklist - Belmore Minor AF Rev03 ▪ Ancillary Facility Checklist - Punchbowl Minor AF Rev00 ▪ SMC CEMP Rev07 ▪ S2B: SMDS-OOH-018.0 Rev01 WE48 Possession (Metron) <p><u>Reviewed:</u></p> <ul style="list-style-type: none"> ▪ Ancillary Facility Checklist - Belmore Minor AF Rev02 ▪ SMCSWSSJ-JHL-WEC-EM-REP-000015 - Tree Impact Assessment Report Rev02 ▪ Additional Land Belmore Triangle Rev00



Compliance Tracking Program Reporting	
SMC	<ul style="list-style-type: none"> Nil this reporting 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 SMC.</p>	
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 was one Class 3 environmental incident reported during the period:</p> <ul style="list-style-type: none"> SMC-INC-001 (10/5/2021): During delivery of a roller to the Lakemba RW21 work area a hydraulic hose on the roller burst, spilling oil to the ground below. The roller was switched off. Approximately 5 litres of oil had spilt. No oil had entered any local stormwater system. Material was cleaned up from the impacted area. <p>The ER is not aware of any complaints during May 2021 related to the SMC works.</p>
Audits	
SMC	No ER involvement in audit activity including Independent Environmental Audits.
Looking Forward – Core Focus Areas	
SMC	<ul style="list-style-type: none"> Establishment of the Canterbury Compound in accordance with conditions of approval and mitigation measures in the CEMP and Sub-plans, particularly the CHMP in relation to potential archaeological impacts and the CNVMP given the site’s close proximity to sensitive receivers. 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).
Contract Package	
Sydenham to Bankstown Marrickville, Canterbury & Lakemba Station Upgrades (MCL)	Brett McLennan
Key Construction	
MCL	<ul style="list-style-type: none"> Marrickville: Site service location works in the Cess and on Platform 0; works had ceased in the Metro Services Building (MSB) area pending contamination assessment; platform piling works had commenced. Canterbury: Security cameras and installed at the site compound; Relocation of services within the MSB and Platform 0 (including asbestos pipes); Trial demolition of platform 1; Non-Destructive Digging (NDD) service identification works. Lakemba: NDD service location works, Trial demolition of platform; Railway Parade compound established (as per initial approval); tree removal works.
ER Inspections	
MCL	<p>There was three inspection conducted by the ER during May 2021. The key issues raised at these inspections were:</p> <p>Marrickville:</p> <ul style="list-style-type: none"> Management of unexpected finds and heritage structures. Noise management during out of hours works. <p>Canterbury:</p> <ul style="list-style-type: none"> Management of unexpected finds and heritage structures. Noise management during out of hours works. <p>Lakemba:</p> <ul style="list-style-type: none"> Precondition photographs of Railway Parade. Update Erosion and Sediment Control Plans (ESCP) and implementation of the ESCP.
Meetings	
MCL	<p>The following project meetings were attended by the ERs:</p> <p>MCL – 03/05/21; 04/05/21; 05/05/21; 10/05/21; 12/05/21; 21/05/21; 24/05/21; 26/05/21; 27/05/21; 31/05/21</p>



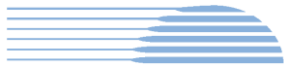
Endorsed Document/s	
MCL	<ul style="list-style-type: none"> WE48 Out of Hours Works (OOHW) during rail possession. WE49 OOHW during rail possession.
Compliance Tracking Program Reporting	
MCL	<ul style="list-style-type: none"> Nil this reporting period
Non-compliance/ Incidents or Repeat Complaints	
<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 MCL.</p>	
MCL	<p>The ER is aware of three non compliances and four complaints relating to MCL works for the period.</p> <p>Non-Compliances (under investigation):</p> <ul style="list-style-type: none"> 29/05/21 - Canterbury Station - hydraulic oil spill from excavator on Line 2 when hose fitting burst and ~200ml of oil spilt onto a steel plate temporarily placed on the rail line for the works. No runoff of the oil occurred and a the spill cleaned using absorbent pads. 29-30/05-21 - Lakemba Station - minor damage to the awning of platform building occurred during night works. 31/05/21 - Canterbury Station – while removing spoil the lid of the sewer pit was dislodged and some spoil fell into a dry sewer. HSEJV blocked the sewer using sand bags and used a vacuum truck to remove spoil. <p>Complaints:</p> <p><u>Canterbury</u></p> <ul style="list-style-type: none"> 05/05/21 - Noise – Charles Street compound security alarm with audible alarm was triggered in the evening. HSEJV modified the system to be a silent alarm. 29/05/21 - Parking – A traffic controller had parked in driveway and discussed additional parking issues in the area. The car was immediately moved and parking discussed in the site toolbox meeting during subsequent shift changes. <p><u>Lakemba</u></p> <ul style="list-style-type: none"> 29/05/21 – A noise complaint received from a shop-top residential receiver. Earplugs were offered and the receiver offered AA during upcoming OOHA. The receiver had not been identified from community feedback and doorknocks over the past five months. Additional checks of potential shop-top residents would be undertaken. <p><u>Marrickville</u></p> <ul style="list-style-type: none"> 29/05/21 - Noise and light spill from possession works was noted at a nearby resident. Noise monitoring had been undertaken and additional noise monitoring conditioned in upcoming OOHA. and the direction of lights was evaluated. <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"> 25/05/21 – Initial HSEV Internal Audit (Canterbury).
Looking Forward – Core Focus Areas	
MCL	<ul style="list-style-type: none"> Out of hours works approvals for mid-year shutdown Update and implementation checks of CEMP, Sub-Plans and ESCP. Review heritage, contamination and ERSED management. External audit of HSEJV.

Contract Package	Environmental Representative/s
Sydenham to Bankstown Hurlstone Park, Belmore and Wiley Park Station Upgrades (HBW)	Brett McLennan
Key Construction	
HBW	<ul style="list-style-type: none"> Hurlstone Park: Lift pit excavations; NDD service investigations; Trial demolition of Platform 1; asbestos removal works in MSB; Floss St compound established; tree removal works. Belmore: MSB excavation commenced; Charles Street compound established, NDD service investigation works; tree removal works. Wiley Park: Excavations for lift pits; The Boulevard compound established; vegetation and asbestos removal at MSB embankment; piling works in the MSB embankment.



ER Inspections	
HBW	<p>There was two ER inspection conducted by the ER during May 2021. The key issues raised at these inspections were:</p> <ul style="list-style-type: none"> ▪ Graffiti removal on hoarding and site sheds. ▪ Minor tracking of material onto roadways, which was promptly removed. ▪ Confirmation of ancillary facility placement within approved boundary at Belmore.
Meetings	
HBW	<p>The following project meetings were attended by the ERs: HBW – 03/05/21; 04/05/21; 05/05/21; 06/05/21; 07/05/21; 11/05/21; 12/05/21; 14/05/21; 18/05/21; 21/05/21</p>
Endorsed Document/s	
HBW	<ul style="list-style-type: none"> ▪ OOHWA WE48 and 49 - Rev 3
Compliance Tracking Program Reporting	
HBW	<ul style="list-style-type: none"> ▪ Nil this reporting 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 HBW.</p>	
HBW	<p>The ER is aware of two non-compliance and 9 complaints for HBW for the period.</p> <p>Non-Compliances (under investigation):</p> <ul style="list-style-type: none"> ▪ 17/05/21 - Hurlstone Park – A small dump truck with dry sandstone caused a dust plume Dust suppression from stockpiling sandstone was not in place. ▪ 29/05/21 - Wiley Park - Laydown of equipment on council verge adjacent to site entrance. Items were removed shortly after inspection. <p>Complaints:</p> <p><u>Hurlstone Park</u></p> <ul style="list-style-type: none"> ▪ 10/05/21 - Dust management during asbestos removal. Dust monitoring and suppression were in operational at the time of the complaint. ▪ 14/05/21 - Security of the open Railway Street access gate was raised. Site workers were working within the MSB compound. ▪ 17/05/21 – Dust from stockpiling material, complaint was due to lack of dust suppression and worker behaviour (spitting and coughing). The lack of dust suppression was raised as a Non-Compliance. ▪ 28-29/05/21 - A number of parking complaints were received during WE48 possession works. Traffic control would be implemented to minimise impacts to local residents during future possessions. ▪ 30/05/21 – Complaint on insufficient notification for vegetation removal and how it would impact visual amenity. Notifications were issued as part of the WE48 possession notifications. ▪ 31/05/21 - Noise complaint that weekend works were very loud and disruptive. Noise was within permissible limits. <p>There were no incidents for HBW reported to the ER under conditions A36 of SSI 8256.</p>
Audits	
HBW	<p>No ER involvement in audit activity including Independent Environmental Audits (IEA Program).</p>
Looking Forward – Core Focus Areas	
HBW	<ul style="list-style-type: none"> ▪ Out of hours works approvals. ▪ ERSED and dust control updates and implementation. <p>Tree removal</p>

Contract Package	Environmental Representative/s
Sydenham to Bankstown Dulwich Hill Campsie and Punchbowl Station Upgrades (DCP)	Brett McLennan
Key Construction	
DCP	<ul style="list-style-type: none"> ▪ Dulwich Hill: excavation of the lift shafts had commenced; Service relocation in the MSB was ongoing. ▪ Campsie: Site compound was established and demolition trials of the station platform had commenced. ▪ Punchbowl: excavation of the lift shafts had commenced and bored piling had commenced on the platform.



ER Inspections	
DCP	There was two ER inspection conducted by the ER during May 2021. The key issue raised at these inspections was graffiti removal.
Meetings	
DCP	The following project meetings were attended by the ERs: DCP – 03/05/21; 11/05/21; 19/05/21; 24/05/21; 26/05/21; 27/05/21; 28/05/21
Endorsed Document/s	
DCP	<ul style="list-style-type: none"> ▪ OOHWA WE48 and 49 - Rev 3
Compliance Tracking Program Reporting	
DCP	<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 DCP.	
DCP	<p>The ER is not aware of any non-compliance; however there were two complaints for DCP for the period.</p> <p><u>Dulwich Hill</u></p> <ul style="list-style-type: none"> ▪ 29/05/21 - Noise complaint by a shift worker (standard and daytime OOH works). Alternative accommodation for upcoming possession works was been investigated. ▪ 28/05/21 – Complaint that insufficient notifications were received for possession works. It was noted that the complainant had been away for the past week and notifications were delivered via letterbox drop-off within the approval timeframe. <p><u>Punchbowl:</u></p> <ul style="list-style-type: none"> ▪ 30/05/21 - Parking on private commercial property (under investigation) <p>There were no incidents for DCP reported to the ER under conditions A36 of SSI 8256.</p>
Audit	
DCP	No ER involvement in audit activity including Independent Environmental Audits (IEA Program).
Looking Forward – Core Focus Areas	
DCP	<ul style="list-style-type: none"> ▪ Out of hours works approvals. ▪ Tree removals ▪ ERSED and dust implementation and management.

Contract Package		Environmental Representative/s
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 	
Meetings		
SM	The following meetings with DPIE were attended by the ER: <ul style="list-style-type: none"> ▪ (all packages ER/DPIE interface) ▪ (all packages ER/DPIE/AA/SM CSW interface) 	
Endorsed Document/s		
SM	SM S2B <ul style="list-style-type: none"> ▪ SMDS-OOHW-018.0 Rev0 WE48 Possession ▪ SMDS-OOHW-018.0 Rev01 WE48 Possession 	
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.		
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. ▪ Clarify process for updates to the OOH Protocol in relation to SSI_7400 and SSI_8256 (ongoing) 	

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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Attachment B: Core Focus Area Review

Date Raised	Project	Site or Work Package	Core Focus Area	Approval	Applicable Condition / REMM	Background/Minimum requirement	Risk/Recommendations	Issues Status
Jun-21	C2S	Barangaroo station	Project start up	SSI 15_7400	NA	The ER will have a role in the approval of low impact works and review of the management plans prior to Construction commencement. To date very little involvement in the project meetings so little visibility to what is coming.	Include ER in the ongoing meetings so that all efforts are funnelled through the weekly focus meeting (for example, numerous direct approaches from the contractor is not underpinning a collaborative and inclusive approach and a number of the queries being raised to the ER are for SM to respond to (not the ER).	
Jun-21	S2B	HBW	Noise, trees, asbestos management	SSI 8256	CEMP	Implementation of the CEMP and sub-plans noted to be (implemented and followed)	Residents at Hurlstone Park have issued complaints to Downer, SM, Safework NSW, NSW EPA and DPIE regarding noise, trees and asbestos management. To date, the project has complied with conditions relating to these aspects. It is noted that there is an opposition to the project in the area, in particular to the services building placement.	Open
Jun-21	S2B	MCL	CEMP and sub-plans	SSI 8256	C7	Implementation of the CEMP and sub-plans	A Change of environmental staff by SM and the contractors has the potential to impacted the continual implementation of the CEMP and sub-plans. Continued emphasis within project teams and SM is required to remain compliant.	Open
May-21	S2B	SMC	Mid-Year Shutdown / OOHs	SSI 8256	E23/E25	Appropriate respite periods must be identified for OOHW in consultation with the community.	A number of different contractors will be working across multiple locations along the Sydenham to Bankstown rail corridor and stations during the Mid-Year Shutdown/Possession. There is a risk that works will attribute to unacceptable cumulative noise impacts to nearby sensitive receivers, including sleep disturbance if not assessed adequately. For example, a residential receiver at a certain location may be subject to noise impacts from more than one contractor at the same time. Without adequate communication between contractors, SM, Comms and the relevant ERs, the appropriate level of AMM (e.g. respite, AA) may not be applied. Noise modelling is generally conducted by each contractor and inputs are based on their scope of works - Contractors are unlikely to take on the risk of assessing other contractors scope into their noise models. BM 17.01.2021 - A possession meeting was organised with Metro contractors. It was agreed that station works would be the dominant noise source in those precincts, and that ongoing communication would occur between contractors during the possession.	Open
May-21	CSW	SSJ	OEMP	SSI 15_7400	D1-D8	An OEMP and Sub-plans must be developed.	There is a risk that environmental issues identified during the course of construction are not included in the OEMP. This may be due to the length of time between the construction contractor finishing and the operational contractor (TSOM?) commencing or preparing the OEMP. For example, cyanide contamination in groundwater at 11 Sydenham Road, and asbestos in soil. 17/06/21: Feedback to date to the ER is that this is likely to be prepared by TSOM - SM confirmation of this is required.	Open
Mar-21	CSW	Sydney Metro	CTR	SSI 15_7400 SSI 17_8256	Compliance Tracking Program	Sydney Metro's Q3/Q4 2020 CTR is overdue. Some of the other contractor packages are still being finalised for Q4, 2020. Continued emphasis within project teams is required if SM wish to remain complaint with the CTP requirements.	Continued emphasis within project teams and SM is required for SM remain complaint with the CTP requirements. 17/01/21: it is noted that DPIE compliance have queried this outstanding item on the ER monthly reports. At this time an NC should be raised for NC against A30 for non implementation.	Open
Mar-21	CSW	TSE/VC-ISD	Settlement	SSI 15_7400	E61	There has been observed ground movement at VC-ISD in the rockwall under 65 Berry Street. There have been no reports made to the ER as to whether movements have exceeded criteria as per Condition E61. This has been raised with both TSE and VC-ISD and both have been requested to provide monitoring data for the wall in question. No response has yet been received. Delays in Lendlease excavating footings for building core at base of the wall due to the movement.	It is understood SM are aware of this issue which is also a contractual issue. Further monitoring data is required to assess this issue. It is not clear if IPIAP are aware of the issue. If they are not, it is recommended they are informed and get across the issues. Update 20-4-21: and 17-5-21 No further information provided. ER Update 17-6-21: TSE Contractors have provided Report covering E61 and E63. SM has reviewed and commented on the report. ER not yet reviewed the document.	Open
Feb-21	CSW	All	OOHs	SSI 15_7400	E44(d)	Sydney Metro presented a position on the Approval Pathway for OOH works using E44(d)	Initial correspondence was using the terminology "Inaudible" for noise levels no greater than 5 dB(A) above the RBL. ER comment regarding documentation of such work proposals. Query/discussion regarding use of pathway was sent to ERs and not AA. OOH documentation received to date under this pathway for WL ISD only addressed E44(d)(i), where that requirement requires all (i)-(iii) to be addressed Differing documentation between Contractors. Also one potential activity that hasn't been documented at all and was being undertaken OOH (still to be investigated) Update 17/05/21: GK - I have no update on this. Is it being discussed at Ben/Andrew's levels via this CFA Meeting? 17/06/21: an all ER meeting held to review consistency of approach across packages has determined that the consensus is for there to be a record held by the contractor but that no formal ER approval is required (unless otherwise requested by SM). Confirming this is important as these questions are now coming through on West and it will be essential to be consistent.	Open
May-20	CSW	SSJ	Trees	SSI 15_7400	E6	The CSSI must be designed to retain as many trees as possible and provide replacement trees such that there is a net increase in the number of trees. The Proponent must commission an independent, experienced and suitably qualified arborist to prepare a comprehensive Tree Report before removing any trees as detailed in the EIS, as amended by the documents listed in A1. The Tree Report must include..... In the event that tree removal cannot be avoided, then replacement trees are to be planted within, or in close proximity to the CSSI or other location in consultation with the Relevant Councils and agreed by the Secretary. The size of the replacement trees will be determined in consultation with the relevant Council. A copy of the Tree Report must be submitted to the Secretary before the removal, damage and/or pruning of any trees, including those affected by the site establishment works. All recommendations of the Tree Report must be implemented by the Proponent, unless otherwise agreed by the Secretary. The Tree Report may be prepared for the entire CSSI or separate reports may be prepared for individual areas where tree removal and/or pruning is proposed.	Issue originally raised in May 2020. There is a risk that negotiations between JHLORJV / Sydney Metro and the Inner West Council (IWC) may not result in an agreement that complies with the requirements of Condition E6. There has been no resolution received from IWC on the matter of suitable tree replacement locations and methods since late 2019. Update 16/6/20: IWC have responded positively re the landscaping plans, but are still yet to respond to communication regarding tree replacement. SM have provided JHLOR with a new Council contact, with whom they are now corresponding. Update 14/7/20: JHLOR have been in contact with IWC and are attempting to schedule a meeting to discuss possible locations for tree replacement. Update 19/8/20: JHLOR have scheduled a meeting with IWC on 20/8/20, after which they will provide an update on the outcomes. Update 15/9/20: Tree planting master plan and database to be provided to JHLOR by IWC. Trying to reduce number of offsite trees to be replanted. No resolution as yet. Update 15/10/20: Additional areas for tree replacement on the project are being discussed but are limited. JHLOR have raised the possibility of paying Council (IWC) to undertake the tree replacement on their behalf. There may be contractual obligations that need to be overcome if this path is pursued. Update 17/11/20: The ER is not aware of any further progress made by the contractor to meet this condition. Update 16/12/20: The ER is not aware of any further progress made by the contractor to meet this condition. Update 18/01/21: Options for tree replacement are being explored with the assistance of Sydney Metro. An agreed strategy is yet to be drafted. Update 16/02/21: JHLOR provided approach to replanting via TB (not provided to the ER) – to be agreed first in principle with SM, then with designers. Fortnightly meetings being held. Planting areas refined by DK. Advice from landscape designers on suitable species to be obtained. TS followed-up with BA & Jo Heggarty – to follow-up further. Update 20/04/21: No update available to the ER Update 17/5/2021: Payment to Council benchmarked per tree proposed. Loretta (JHLOR Comms) to setup meeting with Council tree person. Options to plant in the rail corridor are limited, though JHLOR to discuss further with the Design Manager (initial feedback indicates restrictions due to lots of utilities). The Portuguese Club indicated that may be willing to accept trees though have since been unresponsive. TS to follow-up further with BA & Jo Heggarty. Indicative costs for trees of certain literage have been requested, i.e. tree cost plus maintenance. Internal weekly meeting to recommence b/w SM & JHLOR to discuss. 17/06/21: It was reported to the ER that the project is re-looking at option for replanting in the Portuguese Club, and in schools. Benchmark cost for tree replacement for Council MoU to be discussed in collaboration with Sydney Metro, contractor and Inner West Council.	Open