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7 February 2022 Ref: 170108-ER_DPIE-January 2022

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

Dear Rob

RE: Sydney Metro City & South West – ER Monthly Reports for January 2022

A.B.N. 39 003 270 693

Healthy Buildings International (HBI) submits this report to the Secretary in accordance with:

- Condition A24 (I) of the Sydney Metro City & South West Chatswood to Sydenham CSSI 15_7400 Approval (9 January 2017) and associated modifications MOD1_Victoria Cross and Artarmon (18 October 2017), MOD2_Central Walk (21 December 2017), MOD4_Sydenham Station and Metro Facility South (13 December 2017), MOD 3_ Martin Place Metro Station (22 March 2018), MOD5_Blues Point Acoustic Shed (2 November 2018), MOD6_Administrative Changes (21 February 2019), MOD7_ Administrative Changes (29 June 2020), and MOD8 Blues Point Access Site (25 November 2020); and
- Condition A26 (j) of the Sydney Metro Sydenham to Bankstown Upgrade SSI_8256 Approval (12 December 2018) and associated modifications MOD1_Bankstown Station.

The attached summaries detail the key activities undertaken by Environmental Representatives for Sydney Metro – City and South West Chatswood to Sydenham for the month of **January 2022**.

Yours sincerely

Jo Robertson Environmental Representative

Cc: Sydney Metro: Carolyn Riley, Fil Cerone, Ben Armstrong, Dylan Jones, Ann Paterson, Julia Diamond, Candice Somerville AA: Available on Sydney Metro Website Contractors: Available to Contractors on Sydney Metro Website DPIE Compliance: Portal DPIE Post Approvals: Available on Sydney Metro Website

Leaders in Environmental Consulting

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10.	Sydney Metro Retained Obligations (SM) /Other
11.	Statement of Limitations

1. Central Station

Project Approval	Contract Package	Environmental Representative/s	
SSI 7400 (C2S)	Central Station	Michael Woolley	
(ey Construction Ac	tivities During the Period		
	rring the reporting period included:		
•.	orm surface and retiling the northern and middle		
	ervices within the Eastern Suburbs Railway (ESR) C		
	le moving and delivering materials to and around		
 Diverting and re 	moving existing services cables and installing new	v services cables in pedestrian tunnels,	
	r Northern Concourse, ESR Concourse and Southe		
 Restoration wor 	ks to the Central Electric Building station entrance	e on the Eddy Avenue forecourt	
-	rials, services investigations, services diversions a	nd relocations, surveying, monitoring	
	on and using pedestrian tunnels.		
		construction activities for the Chillers and Ventilation	
Building. Ongoir	ng installation of platform Canopies. Fit out of the	Platform and other levels. Various FRP works.	
Working on top	of the Metro box and in the yard for reinstatemer	nt of Tracks 13-14 including working on the new	
canopies.			
 On the upper N 	orthern Concourse, glazing, hoarding changes and	l removal, tiling, and finishing works.	
 Central Walk – I 	RP works for columns, shotcreting. Fit out of esca	alators and fascia panels.	
 Works within he 	oarded work zones on suburban Platforms 16-23 a	and platform surface excavation during rail	
possession wee	kends.		
		down. Former stockpiling area being used for track	
-	ery of OSOM for station canopies ongoing.		
	urse – Ongoing fit out works at intersection of No		
 Eastern Entrance 	e – FRP for walls; floor slabs and columns inside the state of the	he shaft. Works up to ground level. Commencemen	
of pit excavation	n involving rock hammers at Randle Lane. This req	uires the closure of Randle Lane.	
 Devonshire Stre 	et Tunnel - In operation and used by commuters.		
 CSR works Rail I 	nstitute – Compound area to support drilling of bo	ores for CSR between Ghost Platform and Metro Bo	
largely demobili	sed after completion of drilling works.		
ESR Concourse ·	ESR Concourse - Ongoing use of the area for laydown and construction support. Fit out and other construction		
activities ongoing.			
	iction of works related to the Eddy Av fire booster		
	(above ESR Platforms 24-25) - Ongoing electrical	and other fit out.	
	tivities Look Ahead		
	es as described above		
 OSOM deliverie 			
	n Randle Lane for the HV connection and re-surfa	ICING OT Platform 1.	
R Inspections	P inspections conducted during the reporting per	iod due to COVID related site restrictions. In lieu of	
-		otos, compiling them into a report. The photos were	
		022. LOR identified a number of initiatives they we	
taking to address issues on site such as housekeeping; cleaning of the haulage road; slip drain clean out; and a revie		^t the haulage road; slip drain clean out; and a review	



Endorsed Document/s

Nil .

Non-compliance/ Incidents or Repeat Complaints

Sydney Metro has been providing summaries of complaints to DPIE daily as well as to the ER. There were no complaints reported during the reporting period.

No non compliances were observed by the ER or reported to the ER during the reporting period.

Audits

There were no audits conducted during the reporting period.

Looking Forward – Core Focus Areas

Re-commencement of ER surveillance

2. Sydenham Station and Junction (SSJ)

Project Approval	Contract Package	Environmental Representative/s
SSI 7400 (C2S)	Sydenham Station and Junction (SSJ)	Jo Heltborg
Key Construction A	ctivities During the Period	
 storage contain CSR Laydown A fencing during f Geotechnical A fencing in the s Sydenham Stat drainage. Ongo Secondary Plaz Sydenham Roa 11 Sydenham Roa 11 Sydenham Pit a applied. GST co be followed by Way Street Lay XPT Laydown: formalised. Carrington Roa formalised. 	outhern corner of the site, and along the main site cion / Development Area : Backfill and compaction of sing defect work underway. ca: Operation of TSOM site compound continued wir d: Works complete and landscaping established. Road (including Garden Street): Internal section of the baths established. Installation of security fencing co- cand Pumping Station / Confluence Area : Backfill of omplete. Pumping Station handed back to Sydney W Sydenham Pit. rdown Areas : Materials removal ongoing for handow Load-out of asbestos contaminated stockpiles comp rd Laydown : Spoil load-out to Gateway project cont No active works. Boundary fencing (including solution)	OR PC; Awaiting installation of remaining security as underway. Awaiting final design for completion of boundary. Ingoing in preparation for eco-blanket and swale th JHLOR as the Principal Contractor. Garden Street and driveway sealed with asphalt, mplete along rail line. the HV pit adjacent to RW4 complete; ballast being ater, including responsibility for pump operation; to ver to Sydney Trains. Idete. Sydney Trains handover process to be inued. Sydney Water handover process to be
Key Construction A	ctivities Look Ahead	
WE32 possessionBoundary fenciOngoing defect	fill for development area in preparation for eco blar on –minor fencing and GST works at SEC carpark bri ng at Bedwin Road and Edgeware Road (including re work (station, CSR pits, etc.) ng in Geotech Area	dge
ER Inspections		
 Temporary fend Shade cloth had been increasing 	nspection conducted by the ER in January 2022 (18/ cing had been tied with ropes to street tree branche d come away from temporary fencing along Railw g the risk of fence instability during high winds. for the above issues, and all actions were in the pro-	es along Railway Parade, risking tree damage. ay Parade. It was noted that shade cloth may have

Photos



Temporary fencing had been tied with ropes to street tree branches along Railway Parade, risking tree damage. Shade cloth to be replaced if safe to do so.



Backfill of the Development Area was ongoing



The Garden Street access had been sealed with asphalt, with kerbs and footpaths established.

Controls were in place around the stormwater drain.



Sydenham Pit was free from project vehicles and materials. Handover to Sydney Water was complete, *evidence of the process has been requested*. The pit was required to be cleaned prior to handover, then removed from the JHLOR EPL.



Areas surrounding Sydenham Pit were sealed and the structure complete.



Fraser Park Ancillary Facility: Demobilisation and cleanup complete including removal of site sheds, generators, storage containers and amenities. *Condition of site for handback to Fraser Park Football Club to be confirmed (as per lease agreement).*

Endorsed Document/s			
 Nil this reporting period 			
Non-compliance/ Incidents or Repeat Complaints			
Sydney Metro has been providing summaries of complaints to DPIE daily and a summary to the ER. Responses to each complaint have been noted in each complaint report, with follow-up actions often defined in revised reports. Key or repeat items of note are discussed below for SSJ.			
The ER is not aware of any non-compliances for SSJ for the period.			
There were no incidents for SSJ reported to the ER under conditions A41 of SSI 7400.			
There were no minor Class 3 environmental incidents reported to the ER during the period.			
The ER is not aware of any complaints during January 2022 that could be attributed to the SSJ works.			
Audits			
 SSJ/SMC/BEW - EMS Audit – 12/01/2022 			
Looking Forward – Core Focus Areas			
 Management of ERSED controls generally 			
 Review of spoil waste classification, beneficial re-use and waste tracking records 			

- Completion of selected Conditions of Approval and REMMs Completion of the SSJ CTR 2021 Q3 & Q4 •
- .



3. Line Wide (Tallawong to Bankstown)

Dreiset					
Project Approval	Contract Package	Environmental Representative/s			
SSI 7400 (C2S)	Line Wide (Tallawong to	Swathi Gowda (North /South)			
SSI 8256 (S2B)	Bankstown)	George Kollias (Alternate ER)			
	S515931 (SMTF)				
-	Activities During the Period	na Cannact (Cantractor) far Lina Mida Marker			
SMTF North	Activities below, as reported by Syster	ns Connect (Contractor) for Line Wide Works:			
	orks progressing for completion				
	commencement of soil assessment at S	Snake Mountain			
-		nern Connection, Hopetoun Ave and Valetta Lane)			
Chatswood Dive S	ite (CDS)				
 Gantry sh 	ed (south - eastern side) modification p	progressing			
	oadout from spoil shed area to Northe	rn connection, for track formation			
Northern Connect					
	Wall - steel mesh install and concreting	works completed			
-	orks (as required)				
 Drainage 					
 Anchor bl 	ocks for track underway				
 Blinding v 	vorks completed and base slab works s	cheduled			
• PMF Pit –	Form Reo Pour (FRP) works underway	for approach slab			
Hopetoun Ave and	d Valetta Lane				
 Hopetour 	n Ave – no concrete deliveries				
 Valetta La 	ane - no works				
Artarmon Tractior	n Substation (TSS) – inspection limited	l only to external area of TSS and not TSS building(s)			
 Installation 	on of facade panels on TSS continuing (\	Whiting St)			
 Cable pu 	lling, transformer enclosures and pi	ipe laying/testing			
Artarmon BPS Exc	avation and Investigation Works Site -	- Carlotta St			
 No works 	reported				
Cleland Road Anci	llary Site				
 No works 	reported				
Blues Point					
	g of shaft completed till ground level				
Concrete	breakout and removal from site compl	eted			
 Placement of fill underway to restore the surface level of the worksite. 					
	ion Substation sites:				
Canterbu	ry TSS:				
	Spoil load out noted from site				
	Demobilisation of plant noted				
-	CSR excavations				
	Rock hammering completed FRP works/TSS slab commenced				
O F ● Dulwich F	-				
	Crane pad constructed at Randall St				
	Form Reo Pour (FRP) works for TSS com	pleted			
Campsie					
	Crane lifts descoped				
 Lakemba 					
0	Trimming works completed				

- TSS base slab pour completed
- FRP works for TSS ongoing
- Punchbowl TSS
 - No works reported
- Surry Hills Central BPS
 - No works reported

Canterbury to Campsie BPS

- Pat O'Connor (POC) Reserve, Canterbury:
 - \circ $\;$ Awaiting temporary works approval for lifting of cable bridge
 - Treating restraint block reo
 - Concreting works scheduled
- Campsie BPS Joint Bay worksites (Anzac St, Cooks Ave and Gould St (Canterbury) Dewatering and HV Cable Drying

Southern Dive & SMTF South Marrickville

- Water Treat Plant (WTP) for operational phase blockwork continuing
- Administration Building structural steel installation works
- Bin Area fill placement to subgrade level
- Covered Shed sub-soil placement/drainage works underway
- Fire Control Building clean-up around building
- Stabling Yard rail grinding and grading works in progress
- Southern dive blockwork continuing
- WTP for construction phase new tank install for reuse of treated water on-site
- General works signage, walkway and site tidy up

Key Construction Activities Look Ahead

Look-ahead of upcoming activities /works:

- SMTF North contamination investigation and completion of conditions for Line Wide scope of works through CTR Q4 2021 and Q1 2022 process
- Blues Point restoration works, including the removal of concrete beams and pavements from site.
- Northern Connection Ancillary Facility Management Plan Hill St, Roseville consultation with relevant Council and other stakeholders
- Campsie Bulk Power Supply Works (Canterbury) dewatering works continuing in standard construction hours until the joint bays are backfilled
- Compliance Tracking Report (CTR) commencement of Q4 2021 CTR review/reporting process for LWW

ER Inspections

There were three ER inspections conducted by the ER in January 2022 (05/01/22; 11/01/22; 18/01/22). The key issues raised were:

SW Corridor Traction Substation sites

ER Inspection #95 05/01/2022

Dulwich Hill TSS (no works being undertaken during the inspection)

- Crane pad construction completed.
- Form Reo Pour (FRP) works for TSS completed.
- Stabilised site access and sediment controls remain in place along site boundary fence. Noted that Randall Street was generally clean.

Canterbury TSS

- Stabilised site access/egress maintained with geofabric.
- Hutton St was observed to be generally clean with minor tracking observed at time of inspection. Street sweeping was noted during the inspection.
- CSR and FRP works were noted during the inspection. The site appeared generally tidy (good practice).
- Noted that plant demobilised from site under traffic control.
- It was noted that noise mitigation was in place.
- It was noted that sediment controls had been updated around the stormwater culvert.

Campsie TSS (no works were observed during the ER inspection)

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- Materials were stored neatly on-site for crane lifts (descoped).
- It was noted that ESC was maintained and water flowed cleanly from site during a rain event.
- General housekeeping had been undertaken.

Lakemba TSS (no works undertaken during the ER inspection)

- The Boulevarde was observed to be generally clean with no tracking observed at time of inspection.
- Stabilised site access/egress maintained. Rumble grid installed at site access/egress Site was generally tidy (good housekeeping).

Southern Dive & SMTF South Marrickville:

ER Inspection #96 – 11/01/2022

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

- Minor Ancillary Facility Tree protection and stabilised access to Minor Ancillary Facility (MAF) remains in place.
- No graffiti observed on shade cloth installed around MAF.
- Pat O'Connor Reserve (Ausgrid side) It was noted that stockpiles remain covered.
- Batters remain covered and noted to have held up well, over the Christmas shutdown period including wet weather events. Sediment fence remains in place, along bridge worksite.
- Minor concrete observed on ground on piling pad and discussion held with SC to ensure concrete washout is contained within designated concrete washout bay during works/removal of concrete washout.
- Section of shade cloth (blown over) to be re-attached on ATF. Note raised for SC to action.
- Tree delineation fencing and barriers remains in place. Additional row of sediment bags noted.

Campsie BPS Joint Bay worksites:

- Anzac St Noise control barriers in place. Compressor within trailer and generator were operating at time of inspection.
- Anzac St Observed generator being re-fuelled. Suggested use of plant nappy or similar for future re-fuelling operations to contain potential spills.
- Anzac St Sand observed on Anzac St near worksite. Action raised in Inspection Report.
- Cooks Ave- Worksite was observed to be tidy. No works at time of ER inspection and generator was not operating at time of inspection.
- Cooks Ave- Noise control barriers and bund in place around worksite (good control), preventing water from entering SC's worksite. Noted water in kerb drain from Onslow Ln (unrelated to any SC works).
- Gould St Noise control barriers and bund in place around worksite (good control). Compressor and generator were operating at time of inspection.
- Discussion held with SC on volume of water removed till date from all the joint bay worksites. SC informed the ER that water was being managed and removed under SC's dewatering permit process.

Southern Dive & SMTF South Marrickville:

- Operational WTP and Southern dive blockwork continuing
- Stabling Yard rail grinding and grading works in progress
- Construction WTP SC informed the ER that a new tank was being installed for reuse of treated water on-site.
- Construction WTP Discharge Point (DP2) it was noted that treated water was pooling around DP2 drain and appeared clean. At the time of inspection, SC checked and adjusted the geofabric around the drain and discharge pipe to allow the treated water to discharge directly into the drain. Discussion held with SC to raise with WTP operator to check DP2 at time of discharge, to ensure water is discharging appropriately into drain.
- Section of shade cloth (blown over) to be re-attached on fence. Note raised and closed out within Inspection Report.
- Silt accumulated in kerb drain (Sydney Steel Road) and damaged gravel bags to be removed. SC to further investigate/implement a suitable control in lieu of gravel bags only, to minimise replacement of damaged gravel bags in a trafficable area.
- Site access gates and section of Sydney Steel Road near the site was generally clean and street sweeper was observed during the inspection. Minor tracking noted and SC confirmed street sweeper to be deployed in area. Note raised and closed out within Inspection Report.

Northern Hub, Artarmon – TSS and Blues Point Access Site <u>ER Inspection #97 – 18/01/2022</u> Northern Hub

- Housekeeping/dust management external yard areas observed to be generally tidy.
- Gantry shed (south -eastern side) modification progressing. SC discussed staging of gantry shed modifications to
 manage potential noise impacts and that the new section of shed was built prior to removing previous section of
 gantry shed, to ensure no gaps.
- Northern Connection drainage woks on Up Line and drainage blanket works under way prior to track being placed.
- PMF Pit (Northern Connection) FRP works underway for approach slab and PMF drainage noted. SC informed the ER that PMF drainage is not yet live.
- Northern Connection generator in use for works was noted to be noisy and was raised with SC. SC informed the ER that noise blankets would be installed. Action raised and close out provided by SC within Inspection Report.
- Northern Connection ESC noted for management of surface water in case of wet weather events
- Northern Connection stockpiles noted in area and SC informed the ER that material would be tested/classified prior to disposal.
- Hopetoun Ave No concrete deliveries at Hopetoun Ave at time of inspection and street sweeper observed in action. SC informed the ER that the street sweeper had been mobilised to address some staining (not distinguishable) that had been noted on the road.

Valetta Lane Access (no works at Valetta Lane worksite)

• Graffiti - minor tagging observed on shade cloth around access gate and the boundary fence. Project signage to be installed in visible location. Action raised within Inspection Report.

Artarmon TSS Site

• TSS site entrance and section of Whiting St near site was observed to be tidy during the inspection.

Blues Point Access Site

- Site access/ egress point observed to be free of tracking at the time of inspection and rumble grid remains in place.
- Placement of fill underway to restore the surface level of the worksite. SC informed the ER that respite was being applied during the use of the roller. SC informed the ER that progressive rehabilitation of the site is being planned with ERSED plan in development by SEEC.
- SC informed the ER that IBCs were being utilised to contain and manage surface water, in addition to the 15,000L tank. A vacuum truck is then utilised to transfer water to the Project's Water Treatment Plant at the Chatswood Dive Site.
- Parking area on Blues Point Road near site noted to be returned to the Public.
- Shade cloth installed along pedestrian access remains in place. Shade cloth and hoarding around site boundary (near fig tree) was observed to be free of graffiti.
- Paint flakes (minor quantity) from concrete barries observed in some sections of the gutter. SC informed the ER that paint flakes would be removed by hand sweeping in this instance and monitored ongoing. Note raised and close out provided by SC following ER inspection and included in the Inspection Report.
- Beach Access (opened to the Public) Hoarding observed to be free of graffiti. ESC remains in place along sections of the beach access.

Canterbury TSS – CSR and FRP works continuing.



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Lakemba TSS - TSS base poured, FRP ongoing for walls.





Cooks Ave- Joint Bay worksite: Noise control barriers and bund in place around worksite (good control), preventing water from entering SC's worksite



SMTF S - Stabling Yard – grading works in progress.

SMTF S - Covered Shed – sub-soil placement / drainage works underway



Pat O'Connor Reserve - Cable bridge worksite (Ausgrid side) – Batters remain covered and noted to have held up well, over the Christmas shutdown period.

Endorsed Document/s

Line Wide

- SMCSW3LWC Soil, Water and Groundwater Management Sub-Plan C2B Rev 3.03
- OOHW- LWW-OOHW- 176 Canterbury TSS Night Shift Steel Fixing January 2022 Rev 1
- OOHWA LWW-OOHW-169- Dulwich Hill TSS WE32 Building Delivery and Lift Feb 2022 Rev.01
- OOHWA LWW-OOHW-184 Canterbury TSS Building Delivery and Lift February 2022
- OOHWA LWW-OOHW-189 WE32 Lakemba TSS Rip-Rap Drainage Feb 2022 SMCSWLWC-SYC-TLS-EM-PMT-011089
- OOHWA LWW-OOHW-186 WE32 HV Cabling Zone 0.3 Feb 2022

Non-compliance/ Incidents or Repeat Complaints

Sydney Metro has been providing summaries of complaints to DPIE daily and a summary to the ER. Responses to each complaint have been noted in each complaint report, with follow up actions often defined in revised reports. Key or repeat items of note are discussed below for the respective projects.

Non-compliances:

A non-compliance with CTMP Blues Point was recorded for Line Wide for the period following a complaint received on 11/11/21 and further investigation of the complaint regarding Boral concrete trucks observed to be parking in a nostopping zone by a local resident. Investigations conducted by SC identified that Boral had not maintained the vehicle entry process as previously implemented at Blues Point by using a different route to get to site. Consequently, missing the "calling point" where each driver needs to stop, dial the UHF Radio Channel and seek permission from the traffic controller to enter the site.

20/01/22 - NCR- Punchbowl TSS - Early Tree Removal – CoA E5 (SSI _8256) was recorded for tree removal (by SC's subcontractor) without approval/permit in place from System Connect's Environmental Team during this reporting period. SC was in the process of seeking a revised Arborist tree report for the removal of this tree (*Grevillea robusta*, determined to be of medium landscape significance/retention value to accommodate the 620 Package related to Combined Services Route. The intention to remove this tree in the future to accommodate the installation of the 620 package was communicated to the team on the ground but they took this as permission to remove the tree. The tree was located within 1 m of the bulk excavation scope. This inevitably contributed to the misunderstanding that the tree was approved to be removed. Corrective actions were raised and closed out/in the process of being closed out including refresher training / toolbox talk delivered at each of the TSS sites.

LW Northern Sites - Complaints:

- 13/1/22 Blues Point Visual Amenity- Resident advised that the flood light on the office building is facing up and shining straight into their apartment window and even with their blinds down it is very bright.
- 18/1/22 Northern Connection Noise and Vibration Std Hrs Resident complained that early (from 7am) morning concrete pumping this week had been waking up her baby and that she is tired after 2 years of construction noise.
- 31/1/22 – Blues Point -Visual Amenity Resident texted to say that the LED lights installed along the footpath on Henry Lawson Ave was emanating excessive light and further stated that work was taking too long and questioned SC methodology in construction.
- 31/1/22 Blues Point Noise and Vibration Resident called to complain that he was hearing constant jack hammering noise since 8am on 31/1/22. He was enquiring about the duration and completion dates of the work.
 IW Southern Sites Complaints:

LW Southern Sites - Complaints:

- 8/01/22 -Canterbury Noise and Vibration/OOHW Resident called advising that they are experiencing impacts from current SC work (cable drying) and wanted to know when noise and vibration from the joint bay would conclude.
- 11/1/22 Canterbury Noise and Vibration OOHW- Resident complained about noise emanating from pumping associated with cable drying works on the street.
- 12/01/22 Canterbury Noise & Vibration -Standard hours -Other Resident complained about not receiving the specific type of noise cancelling headphones that she has requested.
- 25/01/22 Waterloo Traffic, transport and parking- Resident called to complain that during peak hour, concrete trucks are blocking traffic on Raglan Street.
- 27/01/22 Waterloo Noise & Vibration, Standard hours; Traffic, Transport & Parking; Worker behaviour -The
 resident emailed to complain that over the past 6 months, they have observed parking in residential streets,
 overstaying parking time limits, leaving noisy vehicles idling, loud and offensive conversations, smoking adjacent to
 residences with open windows and leaving rubbish on the street.

Other complaints include - One complaint relating to property value and 4 complaints not related to SM/SC Project works (regarding Property Damage and Vibration).

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

LW North Incidents:

 12/01/22 – Northern Dive Chatswood – Class 3 - minor hydraulic leak of approximately 1.5L from an EWP located at the ground floor of the Dive building.

LW South Incidents:

Nil
 Audits

Nil this reporting period

Looking Forward – Core Focus Areas

Line Wide

- SMTF North completion of conditions for Line Wide scope of works through CTR Q4 2021 and Q1 2022 process.
- Blues Point restoration works, including the removal of concrete beams and pavements from site. Works involve high impact noise equipment/activities during standard construction hours (continuing).
- Campsie Bulk Power Supply Works (Canterbury) dewatering works continuing in standard construction hours until the joint bays are backfilled. Construction program and schedule for backfilling currently being determined by Project Team.
- Compliance Tracking Report (CTR) commencement of Q4 2021 CTR reporting and review process for LWW.

Train Service Operation and Maintenance (TSOM) 4.

Project Approval	Contract Package	Environmental Representative/s	
SSI 7400 (C2S)			
SSI 8256 (S2B)	Train Service Operation and Maintenance (TSOM)	Swathi Gowda (North /South)	
SSI 5931 (SMTF)		George Kollias (Alternate ER)	
	ctivities During the Period		
SMTF North			
	1/01/22) – Engineering Hours (0000-0430)		
	rain Testing – SMTF-N to Chatswood		
 Test train d 	operating between SMTF-N & Chatswood to test the	newly installed CBTC equipment	
6 trains deliver	ed		
 Train Commissi 	oning (static) and retrofit works (TS24, TS25, TS26)		
NCC (Northern Corr			
	ndertaken during WE25 (18 & 19th Dec 2021) - reloca	-	
	area. Works to enable future track construction in th		
	adiness for WE32 and WE39 in relation to the reloca	tion of existing signalling assets. Works to enable	
	nstruction in the area.		
	Dive to Southern Dive		
	XP) equipment installation and termination activities	-	
	b Barangaroo Station and Waterloo Station to Southe -	in Dive are completed, except for XPs including	
drainage sump	s. rows Nest Station tunnel section:		
		tion works, communication coble installation and	
	oment installation (TEI) works, signalling cable installa		
	dio equipment and cable installation works continue XP) equipment installation and cable termination (CC	-	
sections			
	to Victoria Cross Station tunnel section:		
-	ft access is no longer available and access via Hicksor	n Rd shaft for plant (hi-rail vehicles) is under	
	Contractors for TEI works to resume.		
	n to Barangaroo Station tunnel section:		
	commenced towards Barangaroo Station.		
	eadiness is completed regarding TEI works commenci	ng in any of the other 3 tunnel sections	
	o Central Station to Pitt St tunnel section		
 TEI works, com 	munication (CCCS) and radio works within both the u	p and down tunnels continuing	
Artarmon Substatio			
	nt of installation of communications and CCCS equipm		
Construction readiness completed regarding the commencement of radio (RAD) equipment installation works.			
Key Construction A SMTF North	ctivities Look Ahead		
	/02/22) Possession (0000-0430) - Test train operating	thetween SMTE-N & Chatswood to integrate new	
 WE32 (5-6) migration s 		S Detween Switt - N & Chatswood to Integrate new	
•	1-26/02/22) – Engineering Hours (0000-0430) - Dyna	mic Train Testing between SMTE-N to Chatswood	
	newly installed CBTC equipment.	ווות וומווו ופגנווא שפנשפפון איווד-א נט כוומנגש000	
Northern Dive (to C	,		
	installation and fibre splicing (days)		
	n of radio cables (nights)		
	llation (days)		
Southern Dive (to V			
	n of trackside equipment and signalling cables (day sh	ift)	
	n of radio cables (day shift)		
	iterloo Station to Central Station; Central Station to	Pitt Street Station	
	n of XP equipment ongoing (day shift)		
	t Street Station to Martin place Station; Martin Place	e Station to Barangaroo	
Southern Dive - Pitt		-	
	Leaders in Environmental Co	onsulting	
		Page 16 of 37	

- Installation of trackside equipment and signalling cables (day and night shift)
- Installation of cross passage equipment by Thales ongoing (day shift)
- Installation of communications cabling by Thales (day and night shift)
- Installation of radio cables by UGL (day shift; Pitt Street Station to Martin place Station only)
- Barangaroo Station to Victoria Cross (Tunnels and XP)
 - cable installation in tunnel and XPs (days)
 - trackside equipment installation and cabling (days)

Victoria Cross Station to Crows Nest (Tunnels and XP)

• Inspection walkthroughs in tunnels and cross passages (days)

Artarmon Substation

• Cabling and fit out in equipment room

Crows Nest Station:

Inspections and site visits

Sydenham Station

• Platform Edge Barrier installation (Platform 1 complete, installing posts on Platform 2)

Waterloo Station

- Installation of platform screen doors
- Fit out of station room and cable pulling

Central Station

- Delivery of materials, platform screen door installation survey, core drilling, and anchor and post installation
- Cable hauling, Installation of equipment cabinets and containment
- Installation of telephony, security and public address field devices

Southwest corridor

• installation of trackside equipment between Campsie and Bankstown during the possession on Feb 5 and 6

ER Inspections

No ER inspections conducted in January 2022.

Photos

Not Applicable

Endorsed Document/s

Nil this reporting period

Non-compliance/ Incidents or Repeat Complaints

Sydney Metro has been providing summaries of complaints to DPIE daily and a summary to the ER. Responses to each complaint have been noted in each complaint report, with follow up actions often defined in revised reports. Key or repeat items of note are discussed below for the respective projects.

 The ER is not aware of any complaints or non-compliances. There were no incidents for TSOM reported to the ER under conditions A41 to A44 of SSI 7400 or A36 of SSI 8256.

Audits

No audits proposed

Looking Forward – Core Focus Areas

Development of TSOM Compliance Tracking Register (CTR) by the Contractor for three planning approvals.



5. ISDs

Project ApprovalContract PackageEnvironmental RepresentateSSI 7400 (C2S)Martin Place ISD Macquarie Bank/Lend LeaseMichael Woolley/ Rui HenriSSI 7400 (C2S)Victoria Cross ISD (VC-ISD) - Lend LeaseSwathi Gowda/Michael Wo(Does not include associated SSDs)Crows Nest ISD – Sydney MetroRui Henriques/ George KoMateriloo ISD – John HollandGeorge Kollias/Swathi GodKey Construction Activities During the PeriodMP-ISDBligh Street:Concrete deliveries and pumping. Water treatment plant operation.Martin Place South (MPS)Ongoing construction (FRP) of walls; columns, shear beams and floor slabsJump form useOther general construction activities.Martin Place North (MPN)Kartin Place North (MPN)	/oolley collias	
Open notion (clos) Crows Nest ISD – Sydney Metro Rui Henriques/ George Kollias/Source associated SSDs) Pitt Street ISD - CPB Rui Henriques/ Michael W Waterloo ISD – John Holland George Kollias/Swathi Go Key Construction Activities During the Period MP-ISD Bligh Street: Concrete deliveries and pumping. Water treatment plant operation. Martin Place South (MPS) Ongoing construction (FRP) of walls; columns, shear beams and floor slabs Jump form use Other general construction activities.	collias	
Open Note (eds) Crows Nest ISD – Sydney Metro Rui Henriques/ George Kollias associated SSDs) Pitt Street ISD - CPB Rui Henriques/ Michael W Waterloo ISD – John Holland George Kollias/Swathi Gold Key Construction Activities During the Period MP-ISD Bligh Street: Concrete deliveries and pumping. Water treatment plant operation. Martin Place South (MPS) Ongoing construction (FRP) of walls; columns, shear beams and floor slabs Jump form use Other general construction activities.	collias	
associated SSDs) Pitt Street ISD - CPB Rui Henriques/ Michael W Waterloo ISD – John Holland George Kollias/Swathi Go Key Construction Activities During the Period MP-ISD Bligh Street: Concrete deliveries and pumping. Water treatment plant operation. Martin Place South (MPS) Ongoing construction (FRP) of walls; columns, shear beams and floor slabs Jump form use Other general construction activities.		
Waterloo ISD – John Holland George Kollias/Swathi Go Key Construction Activities During the Period MP-ISD Bligh Street: Concrete deliveries and pumping. Water treatment plant operation. Martin Place South (MPS) Ongoing construction (FRP) of walls; columns, shear beams and floor slabs Jump form use Other general construction activities.	Jouley	
Key Construction Activities During the Period MP-ISD Bligh Street: Concrete deliveries and pumping. Water treatment plant operation. Martin Place South (MPS) Ongoing construction (FRP) of walls; columns, shear beams and floor slabs Jump form use Other general construction activities.	1	
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 Ongoing construction (FRP) of walls; columns, shear beams and floor slabs Jump form use Other general construction activities. 		
Jump form useOther general construction activities.		
 Other general construction activities. 		
-		
 Various building work activities ongoing such as FRP for columns; lift shafts; walls; floor slabs and other 	r various items	
Various works well above street level.	various items.	
Station Caverns and Adits		
 Installation of ventilation/exhaust systems 		
 Other fit out activities including installation of services, including fire safety systems. 		
 Line Wide works in the station caverns – separated from Lend Lease activities. 		
VC-ISD		
Victoria Cross North		
 North Yard - concrete deliveries in yard 		
Victoria Cross South		
 Miller St – concrete deliveries 		
 Denison St Stormwater Stage 3 - backfilling works 		
Victoria Cross South - Below activities being undertaken/scheduled for week of 24th January 2022 (source: L	LL EM)	
 Carpark slab (level B3), station slabs 		
 Jump form pours and lifts. 		
 Services installation 		
 Blockwork 		
Station Cavern -Below activities being undertaken/scheduled for week of 24th January 2022 (source: LL EM))	
OTE ventilation modules		
 Blockwork and GRC panels installation 		
 Station fit out works 		
 Trackway hoarding (east) Trackway hoarding (east) 		
 Trackway concrete pours Vietoria Green North - Delaw estivities heine undertaken (ashedulad far week of 24th January 2022 (asures) 1 		
Victoria Cross North- Below activities being undertaken/scheduled for week of 24th January 2022 (source: LI	L EIVI)	
 OOH slipform pour scheduled on 24th Monday (under OOHW15) Slipform pours within shaft, steel fixing, waterproofing 		
CN-ISD Concrete Pour at B3		
 Core jump form at Site A and B 		
 Steel fixing and formwork primarily on perimeter walls to level B2/B3 but also at the northern tunnel po 	ortal	
 Steel fixing and formwork primarily on perimeter wans to level B2/B3 but also at the northern tunnel po Deliveries at Pacific Highway logistics lane. 	חומו	
 Placement of scaffolding for general construction 		
Construction of overhead extraction system platform using process clabs/planks on steel		
 Construction of overhead extraction system platform using precast slabs/planks on steel Stripping and placing of construction 		
 Construction of overhead extraction system platform using precast slabs/planks on steel Stripping and placing of concrete shutters for headwall and perimeter wall construction Services fixings and tray installation 		

Platform construction

HBI

Healthy Buildings International Pty Ltd

PS-I	ISD
Pitt	Street South
•	Jump form structures at Level 05
•	Capping beam demolition completed
•	Water management and operation of water treatment plant (WTP) as needed.
•	Concrete slab pours to part Ground complete
•	General FRP and Concrete works to construct the building perimeter walls to ground completed.
•	Dismantling of formwork climbing systems underway
•	Blockwork to B03
Adi	ts and Platform Caverns
•	Blockwork and general construction to back of house areas
•	Services and ventilation installation.
	Fit out works to platforms
	Formwork and Track Slab concrete pours to Eastern cavern.
Pitt	Street North
	Jump form structures at Level 05
•	Concrete pour to part ground level, Bo1 and Mezzanine level
	Formwork to B01/B01M and Ground East to West respectively.
	Eastern jump form dismantle
	Capping beam demolition.
	ter recycling using WTP
	-ISD
	Electrical utility and water utility works ongoing in local roads around site by subcontractors, including OOH
	Steel placement, formwork and pours within station box
	Interface - Linewide concrete deliveries, transfer via line pump and track-slab pours
	Construction Activities Look Ahead
	-ISD
	going similar construction/building activities as described for the reporting period.
VC-	
	going similar construction/building activities as described for the reporting period.
	going use of the evening period for lower noise activities in at VCN as well as concreting works (Feb /Mar 22)
	going use of OOHW for VC South Shaft (Feb /Mar 22) with potential for OOHW undertaken to be less than proposed
-	posed OOH stormwater works on Miller Street (Feb 22)
PIO	
CN-	ISD
	going similar construction/building activities as described for the reporting period. Precast concrete girder deliveries u
to 4	I nights per week in accordance with the high risk OOHW approval by the DPIE are not anticipated for the next period
PS-I	ISD
Ong	going similar construction/building activities as described for the reporting period, including removal of the capping
bea	m at street level on Pitt Street North. This involves concrete cutting during construction hours, and on Saturdays
bet	ween 1 pm and 4:30 pm as a contingency if required to address unexpected safety issues.
	-ISD
•	Closure of Cope Street (Jan)
•	Ongoing form reo pour (FRP)
•	Utility works on surrounding streets
	Inspections
	-ISD
	re was one ER inspection conducted by the ER on 25 th January 2022. One issue was raised in relation to storage of fuel

VC-ISD

There was one ER inspection conducted by the ER on 24th January 2022 limited to external areas only. The key issues raised at these inspections were:

- Minor tagging observed on hoardings both at VCN and VCS. LL to address/rectify minor tagging noted on hoardings, as per the VAMP.
- Denison Street Stormwater works Stage 3 area: It was discussed with LL that whilst backfilling and compaction
 works were noted to be in progress general housekeeping, removal of minor amount of sand at worksite entrance
 (up the hill) and reinstatement of sediment control near SW drain was required by COB 25th Jan 2022 and photos of
 close out provided to ER. Actioned and closed out by LL.
- Denison Street Stormwater works Stage 3 area: Ongoing monitoring of worksite required by LL to ensure housekeeping and other environmental controls are implemented and maintained for duration of works until demobilisation of site. Photos to be provided to ER post worksite demobilisation.

CN-ISD

There were no ER inspections conducted by the ER during the period due to COVID-19 infections and concerns. There was limited progress of the works due to significant impact of COVID -19 on the workforce. A description of works progress was provided at fortnightly environmental meetings, with a virtual (photo and live video for cameras mounted on each tower crane) walkthrough highlighting any potential issues identified by the contractor.

PS-ISD

There were no ER inspections conducted by the ER during the period due to COVID-19 infections and concerns. There was limited progress of the works due to significant impact of COVID -19 on the workforce. A description of works progress was provided at fortnightly environmental meetings with a virtual (photo) walkthrough highlighting any potential issues identified by the contractor.

WL-ISD

There were no ER inspections conducted by the ER in January 2022, due to Covid impacts and public holiday/RDO.

Photos



Healthy Buildings International Pty Ltd HBI



backfilling and compaction works underway

Parises 61 Search and	VCN Malages 64. Eithers
Denison St – Stormwater works Stage 3 – Paved and crushed gravel area; no open excavation remains (Source:	VCN - McLaren St: Site access/egress on McLaren St was noted to be tidy, with no tracking onto McLaren St
ц)	
CN-ISD	
Nil Photos this period	
PS-ISD	
Nil photos this period	
WL-ISD	
NIL photos this period	
Endorsed Document/s	
MP-ISD	
 OOHW 093: Deliveries to MPN and MPS 	
VC-ISD	
• OOHW 15 – Extension for VC North site Feb and Mar 22	Rev 8
 OOHW 17 – VCISD – extension for VC South Shaft Feb & 	Mar Rev 4
CN-ISD	
 OOHW 10 – Extended Hours Works – February and Marc 	h 2022 extension
PS-ISD	
 OOHW 32 – February 2022 Out of Hours Works 	
WL-ISD	
 Consistency Assessment Closure of Cope St 	
 TfNSW54 - Consistency Assessment - Public Domain Wor 	ks (for review)
 OOHWA #26 February 2022 	
Complaints / Incidents / Non-compliance	
 ALL 	
Sydney Metro has been providing summaries of complaints t	o DPIE daily and a summary to the ER. Responses to
complaints have been noted in each complaint report, with f	ollow up actions often defined in revised reports. Complaints
are discussed where relevant for each package below.	
There were no incidents for any of the ISDs reported to the E	
aware of minor events and non-compliances, these are as do	cumented below.

MP-ISD

Nil incidents or non-compliances were reported or observed during the reporting period. There were no complaints reported to have been received by Lendlease.

VC-ISD

One NCR was recorded in the December period and has been included for completeness within this report. A Nonconformance was recorded on investigation of a compliant on 10th Dec 21 against CoA E36, as there was no out of hours approval for the clearing of water from access ways that was undertaken between 6AM and 7AM. Nil incidents or non-compliances were reported or observed during this reporting period.

Four project related complaints were reported by the project during this reporting period.

- 19/1/22 Worker behaviour South Site: Complaint received from a Building Manager on Berry Street complaining about workers waiting in front of their building and sitting on entrance steps.
- 14/1/22 Worker behaviour North Site: Complaint from a Building Manager on Miller Street complaining of workers
 gathering in the morning at the entrance stairs of their building.
- 12/1/22 Property Access South Site: Complaint received from resident who was frustrated with Denison Street being converted to a two-way street that impacts access to their car park.
- 6/1/22 Noise and Vibration OOHW Complaint received from Miller Street resident regarding out of hours noise created by the Miller Street Office air-conditioning fans.

CN-ISD

There were no non compliances or incidents reported to the ER. There was one complaint during the period relating to the use of a tonal alarm

PS-ISD

There were no non compliances or incidents reported to the ER. There were no complaints reported to the ER during the period.

WL-ISD

There were no non-compliances reported to the ER this reporting period. There was a minor oil spill onsite 20/01/22. There were three complaints received:

- 25/01/22 Stakeholder approached a traffic controller and abused her, yelling about work last night keeping her up
- 25/01/22 Stakeholder complaining about noisy work on Wellington Street. No work taking place on Wellington Street
- 31/01/22Stakeholder complaint about the noise from the chain saw relating to tree removal on Wellington Street. Resident was advised that works would be completed by 4pm and that the team will be moving to Botany as they have completed all Wellington Street scope.

Audits (specific to packages reported in this report)

No ER involvement in audit activity including Independent Environmental Audits.

Looking Forward – Core Focus	Areas

MP-ISD

VC-ISD

High duration of OOH planned at and around the north and south shafts – Feb/Mar 22

- Proposed OOH stormwater works on Miller Street (Feb 22)
- Compliance Tracking Report commencement of Q3 and Q4 2021 reporting /review process

CN-ISD

Significant out of hours planned to continue and opportunities to modify community engagement model to address
risks accordingly

PS-ISD

Significant out of hours planned to continue and opportunities to modify community engagement model to address
risks accordingly

WL-ISD

- Implementation of full road closure of Cope Street from Jan 2022
- Significant OOH Works programme continuing

6. Barangaroo Station (BESIX Watpac)

Project Approval	Contract Package	Environmental Representative/s		
SSI 7400 (C2S)	Barangaroo Station (BESIX Watpac)	Jo Heltborg		
Key Construction Activities During the Period				
	 Stormwater works, including sheet piling, trenching and pipe installation 			
 Installation of r 	•			
	stallation including trenching			
-	op of waterproofed station box; installation of rock a	inchors and capping beam		
-	from ground level to inside the station box			
· -	mported tunnel spoil from Rozelle Interchange ervices on Hickson Road (to be continued under arch	appropriate supervision)		
	of the Shark's Fin			
	ent Plant (WTP) operation			
	ffolding across the civil works site			
	tural steel, concrete and blockwork in the station boy	K		
	aust (OTE) ongoing in the station box			
Key Construction A	ctivities Look Ahead			
 Continue sheet 	piling for stormwater installation			
 Blockwork to co 	ontinue in station			
 OTE steel work 				
	of Hickson Road slab will continue			
	ations within station box will continue			
-	test excavation conducted will resume Monday 7/02	2/22		
ER Inspections				
	was one ER inspection conducted by the ER in Janua	ary 2022 (21/01/2022). The key issues raised at the		
	tion were:			
manag	leep excavation for the western stormwater pit gement is being explored, including methods to m	anage engineering and discharge controls due to		
	sive water ingress. The WTP is unable to cope with t			
	water trunk relocation works, particularly the wester			
	gn with BESIX marine engineers. In conjunction wit			
	ed as an option. Consultants have been engaged f			
	cted to provide an indication of water quality in the	e pit and comparison of results with harbour water		
quality	y. itting of the WTP is understood to almost be com	polate, which will increase the capacity for water		
	nent from 8 to 15L/s.	ipiete, which will increase the capacity for water		
	vements had been made to the storage of interme	diate bulk containers (IBCs), with a roofed facility		
	and a compliant labelling system in progress.			
	lition of the bridge deck over part of the station b	ox roof commenced about one week prior to the		
	tion. A number of complaints have since been rec	-		
compla	aints relate to noise from the demolition works durin	ng standard construction hours. The matter is to be		
raised	and discussed at a community action group meet	ing on Tues 8/2/22. BESIX Watpac, Sydney Metro		
	entatives and the acoustic consultant from Renzo T	-		
	n on the day of inspection, observing agreed and do			
	dwater continued seeping down the unsealed wall			
	ydney Metro advised options for the management o			
includi	ing a potential WTP until the future development is o	complete or the area waterproofed.		

Photos





Excavation of the stormwater trench at the western end of the site was on hold pending redesign for a solution to manage water ingress. Roofed storage for IBCs containing water treatment chemicals was almost complete. Compliant storage and labelling improvements were also underway.



Backfill of the stormwater trench in the centre of the site. Pipe and pit complete.



Groundwater seepage from the unsealed wall of the station box – future Aqualand development area



A water cart was in use to reduce impacts from a fine layer of bulldust across the site. BESIX Watpac advised a street sweeper was also in use as required.



Spoil imported from the Rozelle Interchange was covered to reduce runoff and dust impacts. Import records to be provided by the contractor.



Demolition of the bridge deck adjacent to Hickson Road was underway.

Endorsed Document/s

- OOHWA-006 Hickson road night works for services installation Rev03
- BN OOHW-002.2 Application Station Work Feb & March 2022

Non-compliance/ Incidents or Repeat Complaints

Sydney Metro has been providing summaries of complaints to DPIE daily and a summary to the ER. Responses to each complaint have been noted in each complaint report, with follow-up actions often defined in revised reports. Key or repeat items of note are discussed below for Barangaroo Station.

There were no non-compliances reported to the ER for Barangaroo Station for the period.

There were no incidents for Barangaroo Station reported to the ER under conditions A41 of SSI 7400.

There was one Class 3 environmental incident reported to the ER for the period:

 13/1/22: A temporary stormwater drainage pipe suspended underneath Hickson Road burst during a rain event discharging stormwater onto the Barangaroo Metro Station site. All water discharged onto the site was contained within the project site and pumped to the onsite Water Treatment Plant (WTP) where it was treated.

The ER is aware of the complaint received during January 2022 related to the BESIX Watpac works:

• Noisy works starting at 7:30am impacting ability to have windows open in home.

Audits

No ER involvement in audit activity including Independent Environmental Audits.

Looking Forward – Core Focus Areas

- The management of water in the deep excavation for the stormwater trunk main
- Compliance with water quality parameters in the Water Discharge Impact Assessment (WDIA) during discharge from the Water Treatment Plant
- Management of noise during planned out of hours work, and during standard construction hours, particularly in relation to demolition of the bridge deck, then Hickson Road
- Fuel and chemical storage

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

Project Approval	Contract Package	Environmental Representative/s
	Sydenham to Bankstown	
SSI 8256 (S2B)	Sydney Metro Corridor (SMC) and Bankstown	Jo Heltborg
	Early Works (BEW)	
Key Construction a	nd Low Impact Works Activities - During the Period	
Southwest Me	tro Corridor (SMC):	
 Victoria R 	oad Bridge, Marrickville: Retaining wall 3 (RW3	 and hi-rail access pad complete during Xma
possession		
 Ness Aven 	ue Bridge, Dulwich Hill: Retaining wall and hi-rail ac	cess pad complete during Xmas possession.
 Melford St 	treet, Hurlstone Park: Piling and retaining wall over	culvert complete. Demolition of ramp and remov
of asbestos	s stockpiles commenced.	
 Church Str 	reet Footbridge, Hurlstone Park: Footbridge repair	rs and resurfacing of pedestrian access complet
bridge to b	e re-opened on 26/1/22.	
 Moreton S 	Street & Bridge, Belmore: GST installation continue	ed within close proximity to identified Threatene
Ecological	Community (TEC).	
	eet Bridge – City-side, Bankstown: Under Line Cross	sing (ULX) and HV pit construction complete durir
Xmas poss		
=	eet Bridge – Country-side, Bankstown: Installation	of track drainage during the Xmas possession. Bo
	allation on Stacey St bridge.	
	Avenue, Punchbowl: Excavation for Under Road Cro	ussing (URX) commenced.
	ly Works (BEW):	
	race Site Compound: Ongoing site compound operat	
	vices Building (MSB): Continuation of works to the	
	sion of the work zone near the West Terrace Bridge.	
	down platform: Crossover removal at Bankstown St d over part of the bus layover. FRP for the south	
underway.		iem plationin being installed and concrete pou
	eet Bridge – Country-side, Bankstown: GST insta	llation continued under Stacey Street bridge ar
=	ankstown Station.	nation continued under Stately Street bruge an
	ctivities Look Ahead	
	e, Marrickville: Piling for crash beams and RW1A &	RW3 works within AM7
-	Ness Avenue Dulwich Hill: Vegetation removal an	
Road bridge re	-	
	Footbridge, Hurlstone Park: Ongoing bridge repair	rs and installation of throw screen. Throw scree
	be conducted during a future possession (TBC).	
Melford Street	t, Hurlstone Park: Bridge repairs; RW over culver	rt. Handrail for RW to be installed during WE3
	T to be continued from the culvert to the Melford St	_
-	oval of Quenos gas pipe; GST installation at Lillian Lar	-
Belmore: GST t	roughing in the AMZ (country side of Belmore statio	on). GST installation on the country-side of Moreto
Street Bridge a	djacent to TEC, continuing toward Lakemba Station.	
Lakemba: GST	install above Retaining Wall 21.	
Punchbowl: CS	R installation; HV pit rectification. ULX and GST trans	sition.
BEW:		
 Stacey Street 	eet bridge screens over next possessions; additional I	HV pits
	vert installation at South Terrace	
	stallation on country side of Stacey Street	
	onstruction of the MSB	
 Out of hou 	rs works during local area works at South Terrace fo	or sewer and Ausgrid connections (WE 32 (Sat 5/02
Sun 6/02).		
Sun 6/02). R Inspections		

were:

- While most drain grates were protected with sandbags and geofabric, two grates observed were heavy with sediment and required maintenance.
- One small sapling (or small specimen) marked with a pink ribbon (to indicate TEC member status) had been damaged/died. Investigation ongoing.
- Pipes and bags of cement were stored under the dripline of trees.

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



Moreton Street, Lakemba/ Belmore: Drainage grates requiring maintenance.

Moreton Street, Lakemba/Belmore: One small sapling (or small specimen) marked with a pink ribbon had been damaged/died. JHLOR to determine whether the damaged sapling is a species member of the TEC and action as appropriate. Ecologist to conduct a post-works inspection of the area to confirm recommendations in the preclearance inspection were implemented, and confirm no damage outside of that approved occurred.



Stacey Street ULX, City-side (Gate PB15): Pipes and bags of cement were stored under the dripline of trees.



Canterbury compound: The slope from the main compound area to the lower carpark had been stabilised with grass, geofabric and sandbags at the base.



Completion of the SMC CTR 2021 Q4



8. Marrickville, Canterbury & Lakemba Station Upgrades (MCL)

Project Approval	Contract Package	Environmental Representative/s			
SSI 8256 (S2B)	Marrickville, Canterbury & Lakemba Station	Brett McLennan			
331 9239 (328)	Upgrades (MCL) (HSEJV)				
Key Construction Activities During the Period					
Marrickville:					
 Station building electrical fit out continued. 					
	 MSB structural steel installation continued. 				
	Canterbury:				
	age works continued.				
 GST installation 					
	tion works in the platform buildings continued.				
Lakemba:	d and Allia according an excellate of				
	d and tiling works completed.				
	on for stormwater connection had commenced.				
	tion works in the platform buildings continued. ctivities Look Ahead				
-					
	Construction of the MSB's at all stations				
ER Inspections					
	inspections conducted by the ER on 05/01/2022 and	19/01/2022 The key issues raised at these			
inspections were:					
Marrickville:					
	ance of erosion and sediment control (ESC) was requ	uired.			
Canterbury:					
It was noted th	at the rail embankment required ESC after the remo	val of vegetation.			
 Minor ESC mair 	ntenance for 6 Charles Street and the MSB.				
Lakemba:					
 Minor sedimen 	t tracking.				
 ESC maintenand 					
	 Use of a plant without noise mitigation resulting in an NCR. 				
 Storage of items outside the project boundary (raised as an NCR in December). 					
Photos					
1300 211 111					

Marrickville MSB – Structural steel installation 19/01/22Marrickville Station Platforms 19/01/22Leaders in Environmental Consulting



Leaders in Environmental Consulting

Audits

No ER involvement in audit activity including Independent Environmental Audits

Looking Forward – Core Focus Areas

- Continued implementation checks for CEMP and sub plans, focusing on ESC and noise mitigation.
- Review and endorse CEMP and Sub-plans
- Compliance Tracking Q3/Q4 review
- Compliance Monitoring Report 1 review

9. Hurlstone Park, Belmore and Wiley Park Station Upgrades (HBW) and Dulwich Hill Campsie and Punchbowl Station Upgrades (DCP) (Downer)

Project Approval	Contract Package	Environmental Representative/s			
Project Approva	Hurlstone Park, Belmore and Wiley Park Station	Environmental Representative/s			
	Upgrades (HBW) (Downer)				
SSI 8256 (S2B)	Dulwich Hill Campsie and Punchbowl Station	Brett McLennan			
	Upgrades (DCP) (Downer)				
Key Construction Activities During the Period					
Hurlstone Park					
 Maintenance and Service Building (MSB) – excavations for the stormwater connections continued. 					
 Platform building refurbishing works continued. 					
 Platforms – Tili 					
<u>Belmore</u>					
 MSB- fit out wo 	orks continued				
 Platform buildi 	ng refurbishing works continued.				
 Platforms – Tili 	ng works and reinstalling station furniture was comp	leted.			
 Plaza landscapi 	ng works continued.				
Wiley Park					
 MSB – Works r 	emain on hold pending design updates / industrial ac	tion for HV outages.			
 Platform buildi 	ng refurbishing works continued.				
	hed and rebuilt, structural steel and brickworks cont				
 Platforms – Tili 	ng works and reinstalling station furniture was comp	leted.			
Dulwich Hill:					
=	lid installation completed.				
 GST installation 	n continued.				
<u>Campsie</u> :					
	ng works and reinstalling station furniture was comp	leted.			
	GST installation continued.				
 Beamish Street - footpath works continued. South Pde - Installation of throw screens 					
Punchbowl:					
 Concourse – reconstruction had commenced. 					
	GST installation continued				
	 MSB – Roof installation continued. 				
Key Construction Activities Look Ahead					
Construction or	 Construction of the MSB's at all stations. 				
Construction of	 Construction of the pedestrian bridge, lift shaft, and stairs at Dulwich Hill 				
 Demolition and reconstruction of stairs, and construction of lift shafts at Hurlstone Park. 					
 Construction of the Belmore Station lift shaft. 					
 Landscaping fo 	 Landscaping for station Plaza(s) 				

ER Inspections

There were two ER inspections conducted by the ER for HBW on 06/01/2022 and 19/01/2022, and two for DCP on 06/01/2022 and 19/01/2022. The key issues raised at these inspections were: Hurlstone Park Minor ESC maintenance.

Belmore

No issues raised.

Wiley Park

- Minor ESC maintenance. •
- Bunding for concrete washout within the CESS. .
- **Dulwich Hill**
- Minor ESC maintenance.
- Campsie:
- OOH approval for works

Punchbowl:

It was noted that a localised rainfall event had occurred and overtopped the on-site ERSED controls. Controls on . Urunga Pde had contained sediment from entering the stormwater drain. Minor maintenance of ESC was required. Concrete washout outside of the bunded area.

Photos



Hurlstone Park platform works



Belmore platform works

Punchbowl MSB construction

Leaders in Environmental Consulting



- Compliance Tracking Q3/Q4 review
- Compliance Monitoring Report 1 review

10. Sydney Metro Retained Obligations (SM) /Other

Project App	roval	Contract Package	Environmental Representative/s		
		contract rackage	Environmental Representative/s		
SSI 7400 (C	•	Sydney Metro Retained Obligations (SM) /Other	Jo Robertson		
•	SSI 8256 (S2B)				
Key Construe	Key Construction Activities				
SM	Т	The ER is not aware of any CSW related SM construction activities other than as referred to on a			
	р	package basis above.			
ER Inspections					
SM	• N	vil			
Endorsed Document/s					
SM	• N	lil			
Non-compliance/ Incidents or Repeat Complaints					
Sydney Metr	Sydney Metro has been providing summaries of complaints to DPIE daily and a summary to the ER. Responses to each				
complaint ha	complaint have been noted in each complaint report, with follow up actions often defined in revised reports. Key or repeat				
items of note are discussed below for the respective projects.					
There were no non compliances or incidents raised by the ER against Sydney Metro for the period.					
Audits					
SM	Nil				
Looking Forward – Core Focus Areas					
SM	• T	here is a refreshed focus being applied within Sydney	/ Metro to improve reporting performance in		
	r	relation to the Compliance Tracking Program. Concerted effort has been made by all involved parties to			
		pring the timing of deliverables required under this pr			
			-0		

11. Statement of Limitations

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