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Healthy Buildings International Pty LtdA.C.N. 003 270 693A.B.N. 39 003 270 693

6 Sept 2023 Ref: 170108-ER_DPE August 2023

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 and South West – ER Monthly Reports for August 23

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

- Condition A24 (I) of the Sydney Metro City and 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), MOD8_Blues Point Access Site (25 November 2020), and MOD9_ Extension to Standard Construction Hours (30 June 2022); 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 **August 23**.

Yours sincerely

Jo Robertson Environmental Representative

Cc: Sydney Metro: Carolyn Riley, Fil Cerone, Dylan Jones, Ann Paterson, Cath Snelgrove AA: Available on Sydney Metro Website Contractors: Available to Contractors on Sydney Metro Website DPE Compliance: Portal DPE Post Approvals: Available on Sydney Metro Website



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Healthy Buildings International Pty Ltd

1. Central Station

| | Contract Package | EPL | Environmental Representative/s | | | | |
|--|--|---|--|--|--|--|--|
| SSI 7400 (C2S) | Central Station | #21148 Central Main Works | Michael Woolley | | | | |
| Key Construction A | ctivities During the Period | | | | | | |
| Works conducted d | uring the reporting period included: | | | | | | |
| Metro Station - | - Handed over to Sydney Metro. Some | defects work ongoing. L | OR in caretaker role unt | | | | |
| Operation. | | | | | | | |
| Central Walk – | Opened and handed over to Sydney Tr | rains and in use by the pu | ublic. Some defect work | | | | |
| ongoing. | | | | | | | |
| | oncourse – Opened and handed over to | o Sydney Trains and in us | e by the public. Some | | | | |
| defect works o | 0 0 | | | | | | |
| | ourse – Opened and handed over to Sy | dney Trains and in use b | y the public. Some | | | | |
| defect works o | 0 0 | | | | | | |
| | ce – Ongoing assessment and remedial | _ | _ | | | | |
| | across Randle Lane which occurred or | - | - | | | | |
| - | the roof and rear brick façade. Ongoir | ng repairs inside the build | ling. Access from Randl | | | | |
| | tion of the lane closed. | | | | | | |
| | Site access and use for laydown. Reduc me areas in use by Sydney Trains and t | | mai ongoing works on | | | | |
| | eet Tunnel - In operation and used by o | | | | | | |
| | | commuters. | | | | | |
| | • | | | | | | |
| | | | | | | | |
| | • | - | | | | | |
| | s (above ESR Platforms 24-25) – Works | - | | | | | |
| Key Construction A | s (above ESR Platforms 24-25) – Works ctivities Look Ahead | s understood to be comp | leted. | | | | |
| Key Construction AVery limited ac | s (above ESR Platforms 24-25) – Works ctivities Look Ahead tivities as described above, mainly com | s understood to be comp nprising defects works an | leted. | | | | |
| Key Construction A Very limited ac and removal of | s (above ESR Platforms 24-25) – Works ctivities Look Ahead tivities as described above, mainly com plant and equipment from the Sydney | s understood to be comp nprising defects works an / Yard. | leted. d ongoing managemen | | | | |
| Key Construction A Very limited ac and removal of Ongoing assess | s (above ESR Platforms 24-25) – Works ctivities Look Ahead tivities as described above, mainly com | s understood to be comp nprising defects works an / Yard. lamage at the Eastern En | leted. d ongoing managemen trance including | | | | |
| Key Construction A Very limited ac and removal of Ongoing assess installation of s | s (above ESR Platforms 24-25) – Works ctivities Look Ahead tivities as described above, mainly com plant and equipment from the Sydney ment and rectification of fire related d | s understood to be comp nprising defects works an / Yard. lamage at the Eastern En | leted. d ongoing managemen trance including | | | | |
| Key Construction A Very limited ac and removal of Ongoing assess installation of s ER Inspections | s (above ESR Platforms 24-25) – Works ctivities Look Ahead tivities as described above, mainly com plant and equipment from the Sydney ment and rectification of fire related d | s understood to be comp nprising defects works an / Yard. lamage at the Eastern En e top sections of the buil | leted. d ongoing managemen trance including ding. | | | | |
| Key Construction A Very limited ac and removal of Ongoing assess installation of s ER Inspections There were no form | s (above ESR Platforms 24-25) – Works ctivities Look Ahead tivities as described above, mainly com plant and equipment from the Sydney ment and rectification of fire related d caffolding on Randle Lane to access th | s understood to be comp nprising defects works an / Yard. lamage at the Eastern En e top sections of the buil ne reporting period, with | leted. d ongoing managemen trance including ding. only very limited works | | | | |
| Key Construction A Very limited ac and removal of Ongoing assess installation of s ER Inspections There were no forn occurring and most | s (above ESR Platforms 24-25) – Works ctivities Look Ahead tivities as described above, mainly com plant and equipment from the Sydney ment and rectification of fire related d caffolding on Randle Lane to access th nal ER inspections conducted during th | s understood to be comp nprising defects works an / Yard. lamage at the Eastern En e top sections of the buil re reporting period, with Trains or Sydney Metro. A | leted. d ongoing managemen trance including ding. only very limited works A formal ER inspection | | | | |
| Key Construction A Very limited ac and removal of Ongoing assess installation of s ER Inspections There were no forn occurring and most was however, cond | s (above ESR Platforms 24-25) – Works ctivities Look Ahead tivities as described above, mainly com- plant and equipment from the Sydney ment and rectification of fire related d caffolding on Randle Lane to access th nal ER inspections conducted during th of the works handed over to Sydney T | s understood to be comp nprising defects works an / Yard. lamage at the Eastern En e top sections of the buil re reporting period, with Trains or Sydney Metro. A | leted. d ongoing managemen trance including ding. only very limited works A formal ER inspection | | | | |
| Key Construction A Very limited ac and removal of Ongoing assess installation of s ER Inspections There were no forn occurring and most was however, cond the Eastern Entrance | s (above ESR Platforms 24-25) – Works ctivities Look Ahead tivities as described above, mainly com- plant and equipment from the Sydney ment and rectification of fire related d caffolding on Randle Lane to access th nal ER inspections conducted during th of the works handed over to Sydney T ucted on 1 September 2023 as well as | s understood to be comp oprising defects works an y Yard. lamage at the Eastern En e top sections of the buil e reporting period, with Trains or Sydney Metro. A an informal inspection fi | leted. d ongoing managemen trance including ding. only very limited works formal ER inspection rom public areas around | | | | |





Eastern Entrance: View from Randle Lane with new frame installed on the roof



Eastern Entrance: View from Randle Lane. Scaffolding being placed to allow for remedial works on the façade and roof of the building.



Eastern Entrance: View from Randle Street showing damaged bricks near roof level.



Eastern Entrance: View of entrance to Chalmers Street



by a Sydney Trains contractor, unrelated to Sydney Metro works.

Endorsed Document/s

- Visual Amenity and Landscape Management Plan (Rev 8)
- **Biodiversity Management Plan (Rev 11)**

removed. Use of the area by other contractors.

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- Construction Soil and Water Management Plan (Rev 12)
- Construction Groundwater Management Plan Rev 12
- Construction Noise and Vibration Management Plan (Rev 14)

Non-compliance/ Incidents or Repeat Complaints

One complaint was reported to have been received during the reporting period relating to the location of temporary construction fencing placed in Randle Lane. The complaint report indicated this was addressed promptly after being reported.

No Incidents were reported that would trigger reporting under Condition A41 and no non-compliant events were reported or observed by the ER.

Audits

There were no audits conducted during the reporting period.

Summary of Environmental Performance

The project has been handed over to Sydney Trains or Sydney Metro except for the Eastern Entrance where damage is being assessed and rectified after the fire of the adjacent building on 18 May 2023.

Looking Forward – Core Focus Areas

Nil



2. SSJ

| Project Approval | Contract Package | EPL | Environmental Representative/s | | | | |
|---|---|---|--|--|--|--|--|
| SSI 7400 (C2S) | Sydenham Station and Junction (SSJ) | #21147 | Jo Heltborg | | | | |
| Key Construction Activities During the Period | | | | | | | |
| the day under GSydenham StatiWay Street Layo | ossession (26-27th August 2023): Overhead wi Gleeson Road Bridge. on: Remains under Linewide PC; JHLOR mino down: Pending record of handover / satisfacti nam to Bankstown Corridor (SMC) project for | r defect works on of Sydney T | ongoing. Trains – may be handed | | | | |
| | ctivities Look Ahead | | | | | | |
| Formalisation oOngoing defectSSJ scheduled for | tober Possession (23 Sept-6th October 2023) f handover of laydown areas back to landowr work or completion of Construction post- Septemb | ners | | | | | |
| • | SJ now take place as part of the Southwest M ons conducted for SSJ in August 2023. | letro Corridor (| SMC) ER inspections. There | | | | |
| Photos | | | | | | | |
| Nil | | | | | | | |
| Endorsed Documer | ıt/s | | | | | | |
| Environmental | _Upcoming_Compliances_SSJ-2023_Q1 Q2 Re compliance requirements completion approve | | | | | | |
| • | ncidents or Repeat Complaints | | | | | | |
| Environment (DPE) | peen providing summaries of complaints to th daily and a summary to the ER. Responses to vith follow-up actions often defined in revised - SSJ. | each complain | t have been noted in each | | | | |
| | of any non-compliances for SSJ during the pe | | | | | | |
| | lents for SSJ reported to the ER under condition | | | | | | |
| | or Class 3 environmental incidents reported to | - | | | | | |
| Audits | of any complaints during August 2023 that co | buid be attribu | ted to the SSJ works. | | | | |
| | in audit activity including Independent Enviro | nmental Audit | c | | | | |
| | nmental Performance | | 3. | | | | |
| The scope of works package is winding during the Septemb areas. Condition co Sept/Oct 2023 Poss The Specific Elemen Excavation Director | conducted during the reporting period was m down with most scope complete, with mainly per/October 2023 Possession. Records of hand mpletion is a focus dependent on confirmatio | defects remai dover are pend on of no additic uirement), Arch period. | ning and limited scope ling for former laydown onal variations post- nival Recording Report and | | | | |
| Looking Forward – | | | | | | | |
| Completion of r | remaining Conditions of Approval and Revised ast SSJ Compliance Tracking Report (CTR) Q3/ | | al Mitigation Measures | | | | |
| | | | | | | | |



3. Line Wide (Tallawong to Bankstown)

| Project Approval | Contract Package | EPL | Environmental Representative/s | | |
|---|-------------------------|----------------------|-----------------------------------|--|--|
| SSI 7400 (C2S) | Line Wide (Tallawong to | #21423 Line Wide | Swathi Gowda | | |
| SSI 8256 (S2B) | Bankstown) | #12208 Sydney Trains | | | |
| SSI 5931 (SMTF) | Systems Connect (SC) | | | | |
| Key Construction Activities During the Period | | | | | |
| Key Construction Activities below (SC Reports): | | | | | |

Northern Connection

WE09 (25/26 Aug 2023) possession works for fencing and line marking completed

Chatswood Dive Site

- Mowbray Road Outage OOH works completed and backfilling works underway
- Planning and preparatory works underway for demolition scope of works scheduled to commence (Logistic Shed, Spoil Shed, Site workshop and Construction WTP)
- Topsoil placement for landscaping works progressing
- Nelson Street stormwater works Trenching for stormwater connection has commenced within the CDS site

Blues Point

Negotiations ongoing for punchlist rectification works between SC and NSC. Start date TBC.

Surry Hills BPS works

- Frog Hollow Reserve Handed back to City of Sydney Council (CoS) temporarily.
- Randle Lane Joint Bay Demobilised in April 2023

SMTF South (Marrickville):

- Operational WTP Process commissioning completed. Operational discharge to commence late August onwards.
- Administration and Maintenance Buildings Minor defect works underway
- Fire Pump Room Minor defect works underway
- Stabling Yard Train testing ongoing
- Southern Dive Testing and commissioning (T and C) works ongoing
- Hoarding removal
- Civil Works Fencing works ongoing

Sydenham Station

T and C ongoing

SW Corridor Traction Substation sites:

Dulwich Hill TSS

- Landscaping largely completed
- Pre-energisation checks and electrical works
- TSS energisation, testing and commissioning

Canterbury TSS

- Landscaping largely completed
- Electrical works ongoing

Campsie TSS

- Campsie TSS is energised with no works/access to site (22/08)
- Lakemba TSS
- Lakemba TSS



- Landscaping completed
- Fencing and electrical works ongoing

Punchbowl TSS

- Electrical works ongoing
- **HV Works**

HBI

WE09 completed and scheduled next for WK13

Padmount Transformers

- Pad mounts at 85% completion.
- Service building at 35% completion

Canterbury - Campsie BPS Joint Bay worksites

- No works
- Cable repairs required in future. Return date TBC

Pat O'Connor (POC) Reserve, Canterbury

No works

Key Construction works/activities Look Ahead

Look-ahead of upcoming activities /works:

- Scheduled review of CEMP and Sub Plans continuing
- WK13 SWC possession and OOHW planning.
- Artarmon BPS Joint Bay (Carlotta St) reopened on 29/08 and cable testing scheduled.
- CDS Demobilisation activities including demolition of logistics/spoil sheds, site workshop and WTP.
- Chatswood Nelson Street cul-de-sac modification work and Frank Channon Walk redevelopment landscaping and hoarding removal on Nelson St (during Standard Construction Hours).
- Dynamic train testing continuing.
- SMTF S Demobilisation of Construction WTP scheduled.
- SMTF S (Railway Parade, Marrickville) Ausgrid services relocation pending Ausgrid confirmation.
- Surry Hills BPS Belmore St and Randle Ln Joint Bay worksites to be reopened (mid-late September)
- Canterbury Campsie BPS Joint Bay worksites: Cable repairs required. Return date TBC (potentially in October).
- Q4 2022/Q1 2023 CTR 5931 (SMTF N) review/completion of CoAs/REMMs for SC scope.

ER Inspections

ER Inspections are typically on a fortnightly cycle weather permitting. Two ER inspections conducted by the ER in August - #164 (17/08/2023) and #165 (22/08/2023).

Key new issues/actions raised are summarised below:

Northern Sites and SMTF South - ER Inspection #164 – 17/08/2023 [Thursday; Total rainfall recorded – 0.00 mm (17/08/2023) and rainfall previous days to inspection 15.6mm (14/08), 3.0mm (15/08) and 12.6mm (16/08)]:

- CDS site egress (Mowbray Rd) Discussed sweeping required of some material near site egress.
- CDS Minor tagging observed on signage to be addressed in accordance with the Project VAMP.
- SMTF S Hoarding removal in progress on Edinburgh Rd. SC to review/install ERSED controls in sections with ERSED risk.
- SMTF S Southern Dive (Railway Pde end) Minor housekeeping required around driveway and on Railway Pde.

SWC - TSS Sites - ER Inspection #165 – 22/08/2023 [Tuesday; 0.0 mm rain since 9am and rainfall previous days to inspection – 0.00 mm (19/08– 21/08)]:

- Campsie TSS Tidy up required to remove any rubbish, dirt build up and debris on the site surface and near ATF (along the perimeter).
- Punchbowl TSS Removal of minor litter required, outside SC's site.





CDS: Trenching (hammering) works for stormwater connection underway. Observed operator wetting down work area during hammering (good practice)



CDS: Detention basin works in progress.



CDS: Installation of pipework and connections in progress for hydrant water tank.



Northern Dive Building: Façade installation progressing.



SMTF S: Hoarding removal in progress on Edinburgh Rd.



SMTF S: Stabling Yard: Dynamic Train Testing continuing

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Canterbury TSS: Landscaping largely completed and establishing.



Punchbowl TSS: Landscaping works progressing.



Lakemba TSS: Landscaping completed and fencing ongoing.



Belmore St Site Compound: Designated storage for chemicals and spill kit remains in place.

Endorsed Document/s

August

- OOHW-313 Chatswood Dive Kiosk Removal and Cabling Works
- OOHW-314 HV Cabling GST Transition Wiley Park Station
- LWW CTR Q4 2022 (for 7400 and 8256) Rev C

Non-compliance/ Incidents or Repeat Complaints

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

There were no incidents for Line Wide reported to the ER under conditions A41 to A44 of SSI 7400 or A36 of SSI 8256.

- No minor Class 3 events reported to the ER, for this reporting period.
- Nil non-compliances reported to the ER in this reporting period.

<u>Complaints during this reporting period are summarised below:</u> August

 26/08/2023 - Dulwich Hill TSS (LWW) - Noise & Vibration (Standard Hours/OOHW) - Resident complained about constant humming noise coming from the Dulwich Hill substation.

- 28/08/2023 Dulwich Hill TSS (LWW) Noise & Vibration (Standard Hours) Resident called to complain about constant humming noise coming from Dulwich Hill substation. Advised noise is only an issue in her backyard, and proposed a higher fence could be built in her backyard to mitigate the noise.
- 30/08/2023 Dulwich Hill TSS (LWW) Consultation General; Noise & Vibration (Standard Hours/OOHW) Resident emailed to complain about humming noise from Dulwich Hill substation. Also asked why the substation was energised now, and why no notice was given to the community.

<u>Complaints unrelated to SC/SM activities during this reporting period are summarised below:</u> <u>August</u>

- 23/08/2023 Northern Connection (Chatswood) Noise and Vibration (OOHW) Resident complained about loud noise coming from rail corridor/lack of notification.
- 24/08/2023 Northern Connection (Chatswood) Two Complaints X Noise and Vibration (OOHW) -Residents complained about loud noise coming from rail corridor.

SC investigated and confirmed with Sydney Trains Enviro Line and North Sydney station staff that works were Sydney Trains related maintenance works. Above three complaints deemed not related to SM/SC activities.

Audits

No ER involvement in audit activity including Independent Environmental Audits

ER Closing Comments and Looking Forward

Key Points:

- Three Project related complaints following Dulwich Hill TSS energisation on 23 August 2023 (noise from transformers operating). The Contractor has brought forward the post commissioning review/verification process with noise assessment undertaken by an external consultant on 30 August 2023. Report currently under draft and review to determine noise compliance and next steps. Residents to be notified of TSS energisation going forward.
- ER notes no complaints related to SC works in the SWC from OOHW during the WE09 Possession period.
- Overall, the Project continues to generally perform well, with ER Inspections across this month identifying generally minor actions and improvements.
- The Project Team continue to be responsive to queries/comments raised in document reviews/discussions and any recommendations (as appliable) made by the ER.

Looking forward:

- WK13 SWC possession and OOHW planning.
- CDS Demobilisation activities including demolition of logistics/spoil sheds, site workshop and WTP.
- Chatswood Nelson Street cul-de-sac modification work and Frank Channon Walk redevelopment landscaping and hoarding removal on Nelson Street (during Standard Construction Hours).
- SMTF S (Railway Parade, Marrickville) Ausgrid services relocation pending Ausgrid confirmation.
- Surry Hills BPS Belmore St and Randle Ln Joint Bay worksites to be reopened (mid-late September)
- Canterbury Campsie BPS Joint Bay worksites: Cable repairs required. Return date TBC (potentially in October).



4. TSOM

| Project Approval | | Approval Contract Package EPL EPL | | EPL | Environmental | |
|------------------|-----------------|-----------------------------------|---|--------------------------------|----------------------|--|
| | | | | | Representative/s | |
| SSI 7400 (C2S) | | - | Train Service Operation and | MTS EPL 21247 (Dynamic | Swathi Gowda | |
| SSI 8256 (S2B) | | | Maintenance (TSOM) | train testing SMTF-N to | | |
| S | SSI 5931 (SM | ITF) | | Chatswood) | | |
| | | | | LWW EPL 21423 | | |
| | | | | (Dynamic train testing | | |
| | | | | Chatswood to Sydenham) | | |
| (ev | Constructio | on Activ | vities During the Period (August | · · · | | |
| | Tunnels | | | | | |
| | 0 | Finishi | ng works and testing and comm | hissioning | | |
| | 0 | | esting and commissioning (T an | _ | | |
| I | Stations | | | , | | |
| | 0 | Platfor | m Screen Doors (PSD) testing a | nd commissioning at all static | ons | |
| | 0 | | ng equipment installation and T | _ | | |
| | Sydenham S | - | | and o normonic in equipment u | | |
| | 0 | | ation of cables and equipment i | n the services buildings and a | t the station | |
| | 0 | | C activities of electrical services, | • | | |
| | 0 | | nent and systems; and PSD | | | |
| | 0 | • • | nic train testing | | | |
| | | • | finishing works (26/27 Aug 202 | 2) at Sydenham Station and i | n the rail corridor | |
| I | ○ SMTF-Nortl | | | S) at Sydemian Station and h | | |
| | | | nic train testing – SMTF N to Cha | atswood | | |
| | ○ SMTF-Soutl | • | inc train testing – simir in to cha | | | |
| • | | | tray, cables and cabinet installat | tion in Administration Buildin | a | |
| | 0 | | - | | Б | |
| | 0 | | ation of trackside equipment an | | | |
| | 0 Couthwast | | esting between the tunnel, Syde r and stations | ennam Station and SMTF-S | | |
| | | | | | | |
| - | 0 | | installation works and T and C | | | |
| | | | Connection | | | |
| | 0 | | ation of equipment and cable at | Chatswood Station platform | s, concourse and | |
| | | tracksi | | | | |
| | 0 | | C of trackside assets between N | | | |
| - | | on Activ | vities Look Ahead – September | 2023 | | |
| | Tunnels | | | | | |
| | 0 | | ng works and testing and comm | • | | |
| | 0 | Train t | esting and commissioning activ | ities | | |
| • | Stations | _ | | | | |
| | 0 | | esting and commissioning at all | | | |
| | 0 | Ũ | ng equipment installation and T | and C works in equipment ar | nd station rooms | |
| • | SMTF-Nort | h | | | | |
| | 0 | Dynam | nic train testing – SMTF N to Cha | atswood - Test train operating | g between SMTF-N and | |
| | | Chatsv | vood to test the newly installed | equipment | | |
| | SMTF-Sout | h | | | | |
| | 0 | Cable | tray, cables and cabinet installat | tion in Administration Buildin | g | |
| | 0 | | ation of trackside equipment an | | | |
| | 0 | | esting between the tunnel, Syd | | | |
| | Ŭ | | | | | |



Southwest corridor

- o Cable installation in corridor between Sydenham and Bankstown
- o Temporary removal of trackside equipment
- Possession (25-29 September) 24/7 works:
 - Cable installation in corridor between Sydenham and Bankstown
 - Temporary removal of trackside equipment

Southwest Stations

0

- Cable works and installation of equipment along the corridor
- Two possessions (Day shift only):
 - o 23/24 September: Installation of equipment and cables and trackside equipment
 - 30 September: Installation of equipment and cables and trackside equipment

ER Inspections

No ER inspections conducted in August.

Photos

N/A

Endorsed Document/s

Q3-Q4 2022 CTR (7400 and 8256)

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 during this reporting period. 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

Nil



5. ISD – Crows Nest

| Project | Contract Package | EPL | Environmental |
|--------------------------------|--|---------------------------|----------------------|
| Approval | | | Representative/s |
| SSI 7400 (C2 | Crow's Nest ISD (CN-ISD) AW Edwards | No EPL | Brett McLennan |
| (ey Construe | tion Activities During the Period | | |
| Steel fixi | g and scaffolding (Sites B and C) | | |
| OSD – Sit | e C Scaffolding and concrete pours above level | 2 | |
| Minor co | ncrete pumping and pouring on Pacific Highway | /Clarke Lane – Site B | |
| Services, | finishes and fit out of B5 platform, B4 OTE, B3, | B2 plant room. | |
| Line Wid | e Fit-out works on B6 | | |
| Public do | main for utilities on Clarke St and Clarke Ln Sou | th | |
| Demoliti | on of the capping beam for Site A (Clarke Ln Nor | th) | |
| Demoliti | on of the capping beam for Site B (adjacent Pac | Hwy) | |
| Blockwo | k Site A Clark Ln South level 0 and level 1 | | |
| Escalator | delivery and installation Site C | | |
| Key Construe | tion/Activities Look Ahead | | |
| Steel fixi | g and scaffolding (Sites B and C) | | |
| | e C Scaffolding above level 2 | | |
| | ncrete pumping and pouring from Pacific Highw | vay/Clarke Lane to Site B | 6 |
| Services, | finishes and fit out of B5 platform, B4 OTE, B3, | B2 plant room | |
| Line Wid | e Fit-out works on B6 | | |
| Public do | main work at Clarke – Oxley Street | | |
| Public do | main for utilities | | |
| Demoliti | n of the capping beam for Site A | | |
| Demoliti | n of the capping beam for Site B | | |
| Precast p | anels installation to be commenced on Oxley St | reet | |
| Escalator | delivery and installation Site A | | |
| Blockwo | k continuing Site A and B | | |
| Concrete | pours at Site C | | |
| Pacific H | ghway intersection OOH works | | |
| ER Inspectio | S | | |
| There was or | e ER inspection conducted on 16 August 2023 v | vith following positive o | bservations noted: |
| • | access maintained for pedestrians | | |
| | tenance being carried out during the inspection | | |
| | as maintained and fuel appropriately stored (go | oou practice) | |
| | issues were raised: | | |
| | eet Utility works noise blankets to be installed | and workers to be remi | ided to install them |
| nriar ta i | ndertaking noisy work. | | |





Nil

Complaints / Incidents / Non-compliance

Sydney Metro has been providing summaries of complaints to DPE 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. Complaints are discussed where relevant for the Crows Nest ISD package below.

The ER is aware of two non-compliances raised during the month and seven complaints relating to Crows Nest ISD work. There were no incidents reported to the ER under conditions A41 to A44 of SSI 7400.

Complaints are summarised as follows:

- One related to worker behaviour (smoking and littering)
- Two regarding property access (one including lack of notification from owner related to a short-term stay and the other for storing material in Clark Lane raised as NCR 21)

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- Two related air quality (one dust from bin removal and one for implementation of dust mitigation)
- One requesting noise mitigation during standard hours

Complaints unrelated to Sydney Metro works:

One for OOH noise – not related to Sydney Metro works

The NCRs were as follows:

- NCR 20 Use of circular Saw without noise mitigation and outside of approved area during evening hours (NCR occurred on 25/7)
- NCR 21 Storing materials outside of the approved project boundary (NCR occurred on 07/08)

Audits (specific to packages reported in this report)

No ER involvement was requested in audit activity including Independent Environmental Audits.

Looking Forward – Core Focus Areas and ER Closing Comments

Core Focus Areas

- Continue to monitor OOHW and adjust as required
- Pacific Highway intersection OOH works
- Monitor public domain works for community impacts and ERSED impacts
- Worker behaviour impacts on the community

ER Closing Comments:

- The ER noted that the management of worker behaviour and the implementation of environmental controls prior to conducting work requires improvement from AWE.
- Inspections are every three weeks and/or when high-risk work is undertaken.



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6. ISD – Pitt Street

| Project Approval | Contract Package | EPL | Environmental Representative/s | | | | | |
|--|--|---------------------------|-----------------------------------|--|--|--|--|--|
| SSI 7400 (C2S) | Pitt Street ISD (PS-ISD) | No EPL | Brett McLennan | | | | | |
| | CPB Contractors | | | | | | | |
| Key Construction A | activities During the Period | | | | | | | |
| Pitt Street South | | | | | | | | |
| Façade and blo | ckwork installation ongoing throughout | all levels | | | | | | |
| Installation of glazing and baffle ceilings to the Atrium Entrance ongoing | | | | | | | | |
| Front-of-house | works (glazed wall linings, sandstone an | d finished ceilings) ongo | ing within paved | | | | | |
| concourse zon | 25 | | | | | | | |
| Back-of-house | fit-out ongoing | | | | | | | |
| Services are or | going throughout all project levels | | | | | | | |
| Testing and cor | nmissioning on-going | | | | | | | |
| Plant room fit of | out L4/5 - 80% complete | | | | | | | |
| OOH Utility wo | rk Bathurst and Pitt Street | | | | | | | |
| Platforms and Cav | erns | | | | | | | |
| Fit out ongoing | lighting, tubes, PSD cladding and tiling | | | | | | | |
| Service installa | tion continued | | | | | | | |
| Escalator fit ou | t continued | | | | | | | |
| B04 Terrozzo w | orks ongoing | | | | | | | |
| Install sandstor | ne panels to the central atrium wall on B |)4 | | | | | | |
| Tube ceiling or | going | | | | | | | |
| Pitt Street North | | | | | | | | |
| | led, fit out ongoing | | | | | | | |
| | glazing and baffle ceilings to the Atrium E | | | | | | | |
| | works (glazed wall lining, sandstone and | finished ceilings) ongoir | ng | | | | | |
| Back-of-house | | | | | | | | |
| | going throughout all levels | | | | | | | |
| - | mmissioning on-going | | | | | | | |
| | Activities Look Ahead | | | | | | | |
| Pitt Street North | | | | | | | | |
| Escalator fit ou | | | | | | | | |
| Blockwork inst | | | | | | | | |
| Façade betwee | | | | | | | | |
| Front of house | | | | | | | | |
| Glazing works | | | | | | | | |
| | ark and Pitt Street | | | | | | | |
| Pitt Street South | | | | | | | | |
| | açade GRC and Aluminium Louvers acros | s levels 3, 4 and 5 | | | | | | |
| • | ckwork installation ongoing | | | | | | | |
| Fit out works o Condatana and | | | | | | | | |
| | glazing works and finished ceilings on level | | | | | | | |
| | ilities works throughout basement levels | and services risers up to | level 04 | | | | | |
| Escalator instal Balasstian of a | | | | | | | | |
| - | as main (Bourke Street OOH) | | | | | | | |
| Utilities OOH w Front of house | vorks Pitt Street and Bathurst Street | | | | | | | |
| EFRONT OT DOUSE | | | | | | | | |



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Adits and Platform Caverns

- GRC (lower internal cladding) panel installation
- Wall and ceiling cladding installation
- Front of house works

ER Inspections

There was one ER inspection on 15 August 2023.

Issues of note during the inspection include

- PSS Correct disposal of liquid waste required
- PSN Graffiti removal
- PSN Use of tonal alarms

In general, the sites maintained excellent site housekeeping and pedestrian access maintained around the work sites.

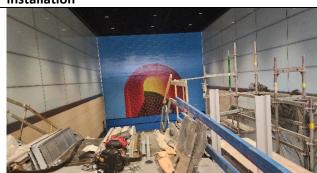
Photos





Pitt St South (PSS): glazing work and façade installation

PSS: Correct disposal of liquid waste was required



PSS: Public entrance from Bathurst Street

West platform



PSS: Adit sandstone wall tiles and escalator installation



Pitt Street North (PSN): View from Castlereagh and Park Street





PSN Adit: Internal fit out of restrooms and wall tile installation

PSN Adit: Escalator installation continued

Endorsed Document/s Nil

Complaints / Incidents / Non-compliance

Sydney Metro has been providing summaries of complaints to DPE 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. Complaints are discussed where relevant for each package below:

There were no incidents for any of the ISDs reported to the ER under conditions A41 to A44 of SSI 7400. Where the ER is aware of minor events and non-compliances, these are as documented below.

There were no non-compliances or incidents related to the project reported to the ER during this period.

There were four complaints during the period:

- Two from hotels relating to guest complaints from OOHW noise
- Two residential complaints from OOHW noise

Audits (specific to packages reported in this report)

No ER involvement in audit activity including Independent Environmental Audits.

Looking Forward – Core Focus Areas and ER Closing Comments

Core Focus Areas

- OOHW are planned to continue, including utility installations. The relocation of the gas pipeline on Bathurst Street and Pitt Street utility relocation has commenced.
- Monitor the implementation of the CEMP and sub-plans.

ER Closing Comments:

The Project continues to perform well, with OOHW mitigation measures (e.g. noise tent) being implemented for concrete sawing work. The project communications team continues to work with regular meetings with stakeholders.

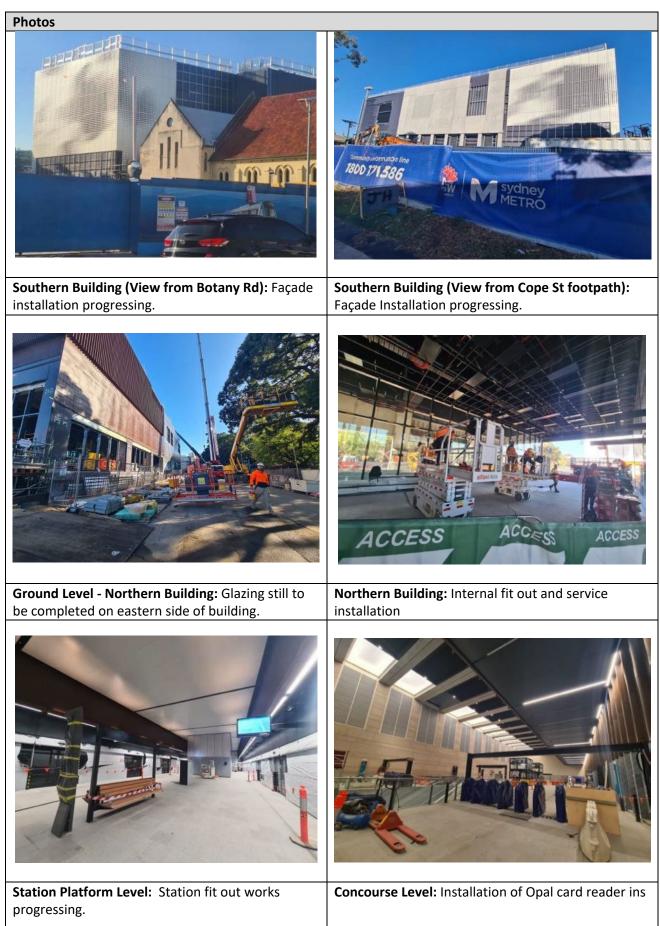


7. ISD – Waterloo

| Project Approval | Contract | Package | Environmental Representative/s |
|---|---|--------------------------------------|--|
| SSI 7400 (C2S) (Does not include associated SSDs) | Waterloo ISD - | - John Holland | Swathi Gowda |
| Key Construction Activities Du | ring the Period | | |
| Jpdate provided by Contracto | r on 03/08/2023: | | |
| ongoing Cranage works from Cope General deliveries ongoing Minor FRP continuing - No Block work install and fill c Fit out works and service i Electrical cable pulling in t Façade installation ongoin Civil/Geotech works on Co Civil investigation works o Final validation activities (I | rth end of plaza occurring (above grou nstallation ongoing he Station g pe Street ongoing n Raglan Street | ind) | ement completed. Report to follow. |
| OSD works ongoing (South Key Construction/Activities Logical Construction/Activi | | western areas of t | he site). |
| Q1 and Q2 2023 CTR revie | - | | |
| Cranage works and general | | | |
| Fit out works and service i | | | |
| Building façade installation | | | |
| Civil works on Cope, Ragla | • | 0 0 | |
| Utility works and investiga | tion works (Standard | HOURS/OUH) | |
| | | | |
| ER Inspections | | | |
| ER Inspections ER inspections are on a month | site visit on Thursda ction - 0.0 mm (31/07 | y; total rainfall rec 7 – 2/08)]. | spection was conducted by the ER on orded 0.0 mm for 03/08/23 and |

 DPE site inspection notes were limited to (potential) tonal alarm on EWP heard on Cope St. Note to be addressed by JHG - to investigate/review EWPs used in that area for compliance and provide ER/AA outcomes of review and any further actions taken to address review outcomes.







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Endorsed Document/

August

- OOHWA #57 General Station Works Aug Sep Oct Rev C
- OOHWA #58 Aug Sep Oct Utilities Rev B
- Spoil Management Sub Plan Rev 4
- Construction Heritage Management Sub Plan Rev 4
- Visual Amenity Management Sub Plan Rev 4
- OOHWA #52 Sep Oct Nov (Civil Investigation) Rev 04
- OOHWA #46 Botany Rd Hydrant Works Rev 03

Complaints / Incidents / Non-compliance

Sydney Metro has been providing summaries of complaints to DPE 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. Complaints are discussed where relevant for each package below.

There were no incidents reported to the ER under conditions A41 to A44 of SSI 7400. Where the ER is aware of minor events and non-compliances, these are as documented below.

Nil non-compliances (NC) were reported to the ER during this reporting period.

One minor incident reported to ER during this reporting period is summarised below:

 WL ISD (22/08/2023) (Class 3) – Minor oil spill (<1 L) on Concourse pavers whilst Line Wide worker was moving a pump.

Complaints during the reporting period are summarised below:

August

- 16/08/2023 (4944) Noise and Vibration (OOHW) Wellington St resident made a OOHW noise complaint at 10pm regarding EWPs (squawking noise) used for façade works. S&CLM confirmed that high noise activities were completed by 10pm the non-tonal beeping is a mandatory safety feature. Resident appreciated the update and acknowledged he had mistakenly understood that all works on site would stop at 10pm, which S&CLM explained was not the case.
- 24/08/2023 (4962) Noise and Vibration (OOHW) Wellington St resident complained about OOHW noise (drilling) and light spill (didn't believe lights needed to be on in that area); that work was continuing after 10pm at Southern Station Box, resident believed that all work should stop at 10pm. Also same complainant as above.
- 23/08/2023 (4983) Noise and Vibration (OOHW) Wellington St resident has made a complaint regarding noise at night and also on a Sunday at 7am (related to crane delivery OSD). A 10pm curfew has been implemented on the South to help with resident respite at night. AA offered for additional works in the week, which resident hadn't responded to.
- 29/08/2023 (4987) Noise and Vibration (OOHW)/worker behaviour Resident complaining about noise and workers parking in Wellington St. AA offer was given to Residents on Wellington St for 29/08 works. Resident requested vouchers instead of AA and was given vouchers and signed gift card acknowledgment. Parking and worker behaviour to be addressed via toolbox and induction. S&CLM emailed resident the AA offer letter which was distributed last week and advised parking has been addressed with Site Managers and a reminder not to park on Wellington St, when possible, will be given to workers.

Complaints unrelated to WL ISD/SM activities during reporting period:

August

Nil

Audits (specific to packages reported in this report)

No ER involvement in audit activity including Independent Environmental Audits.



Looking Forward – Core Focus Areas and ER Closing Comments

Core Focus Areas

- Continue ted o review/monitor OOHWs planned, approved and promote the inclusion of noise mitigation wherever practicable.
- Continue to review/monitor complaint numbers, Contractor's response and issues.

ER Closing Comments

- Key notes:
- Complaints from the reporting period are summarised above. AA/ER have queried/requested further review of EWPs /mitigation measures that could be implemented following complaints in reporting period. Refer below:

- JHG completed an audit of EWPs used on nightshift and confirmed all fitted with non-tonal squawkers

- JHG implemented a 10pm curfew on the South to help with resident respite at night.
- JHG provided toolbox evidence for worker parking reminder
- On balance, the Project has performed generally well throughout the period and continues to be responsive to queries/comments raised in document reviews/discussions.

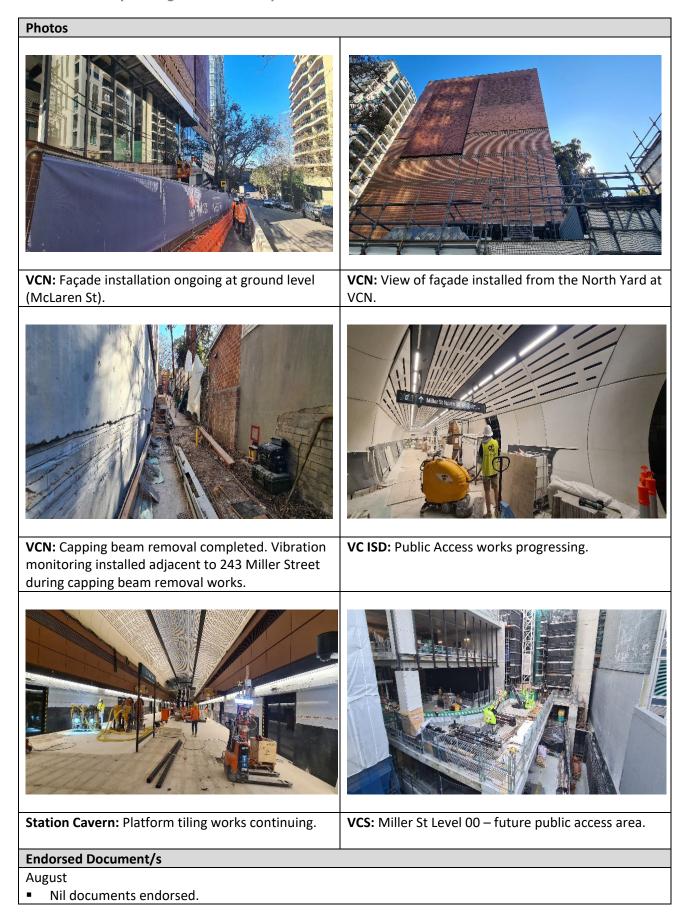


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8. ISD – Victoria Cross

| Project Approval | Contract Package | EPL | Environmental |
|--|--|--|---|
| | | | Representative/s |
| SSI 7400 (C2S) | Victoria Cross ISD (VC-ISD) | No EPL | Swathi Gowda |
| | Lend Lease (LL) | | Michael Woolley |
| Key Construction A | ctivities During the Period | | |
| VC North (VCN): Fit out works an Façade installat Capping beam a Tower crane an Station Cavern: Blockwork and Station fit out VC South (VCS): Removal of exis Denison Street Low rise retail/ | ting stormwater and waterproofing have been of - Main stormwater works completed; local storr commercial at Level 4 at one site, level 5 at othe out below the top deck | nwater work ongoin | g |
| | activities Look Ahead | | |
| Local stormwat Following OOHWs p only: | R review/reporting process er work at Denison St (Standard Construction He proposed to be extended to Oct - Dec 2023 with outh site – Ongoing OOHW #17 | | out and services |
| | orth site – Ongoing OOHW #17 | | |
| ER Inspections | | | |
| August 2023 with se <u>ER Inspection #37</u> - - 0.0mm (26/08 - 28 VCS - Miller St: VCS - Miller St: appropriate bin VCS - Denison S LL confirmed th | Removal of litter required at B-class hoarding. Disposed cigarette butts observed outside the V | and rainfall previous VCS site. Clean-up an ertaken. No works at blankets remain as v | days to inspection d provision of time of inspection. |







Complaints / Incidents / Non-compliance

Sydney Metro has been providing summaries of complaints to DPE 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. Complaints are discussed where relevant for each package below.

There were no incidents reported to the ER under conditions A41 to A44 of SSI 7400. Where the ER is aware of minor events and non-compliances, these are as documented below.

• Nil incidents reported to the ER during this reporting period.

One non-compliance (NC) raised and reported to the ER during this reporting period and summarised below:

A complaint relating to hours of work was received on 1 August 2023 from a complainant on Berry St. Noise monitoring at the site showed minor construction activities were being undertaken beyond the 3am limit within the relevant OOHWA. NC raised against CoA E36, as the OOHWA for the South site does not permit works past 3am. Toolbox completed with relevant personnel.

Project related complaints are summarised below:

August

- 1/08/2023 Noise and Vibration (OOHW) Complaint regarding noise from 3am on south site. Resident described noise as hammering noticeable over the last 2 hours. NC raised (refer above) following further investigation of this complaint.
- 4/08/2023 Socio-economic; Business impacts/benefits Complaint from business owner via North Sydney Council regarding trucks in the loading zone doing concrete pours for the south site and this is negatively affecting their business. Project attempted contacting complainant multiple times for further details for investigation.
- 18/08/2023 Dust and Noise (OOHW) Resident from McLaren Apartments complained about dust cloud from skip bin (very windy and expected site to be watering down) and works on Sunday morning before 7am. Works were stopped immediately with works to resume once wind had died down and measures implemented. LL investigated and confirmed noise related to approved oversized OOH delivery.
- 25/8/2023 Traffic, Transport & Parking Resident from Walker St requested large deliveries for the North Site do not use Walker St and that resident had observed a truck carrying large bins labelled 'Lendlease'. LL investigation confirmed that VCISD's bins are not labelled with Lendlease but would be addressed with the delivery drivers and construction team.

Complaints unrelated to LL/SM activities are summarised below:

August

- 8/8/2023 Noise (Standard Hrs) Complaint received via Western Harbour Tunnel Team. Resident stated they have had constant construction noise outside out apartment all week and requested compensation. Deemed unrelated to LL/SM activities.
- 8/8/2023 Noise (OOHW) Resident from Harvard Apartments called complaining that the drilling and shouting noises for project construction is too loud and that they couldn't get any sleep. Investigation confirmed other Contractor works (on behalf of Jemena) and unrelated to SM/LL activities.
- 20/8/2023 Noise (OOHW) Resident from Harvard Apartments called complaining about drilling and shouting noises at 10:30pm Sunday night. Investigation confirmed other Contractor works (on behalf of Jemena) and unrelated to SM/LL activities.

Audits (specific to packages reported in this report)

No ER involvement in audit activity including Independent Environmental Audits.



Looking Forward – Core Focus Areas and ER Closing Comments

Core Focus Areas

- Local stormwater work at Denison St (Standard Construction Hours)
- Review of Q1-Q2 2023 and completion of any CoAs/REMMs, as applicable to Vic Cross scope of works Following OOHWs proposed to be extended to Oct - Dec 2023 with reduced scope of fit out and services only:
- Victoria Cross South site Ongoing OOHW #17
- Victoria Cross North site Ongoing OOHW #15 and #20
- Continue to review/monitor OOHWs planned/approved and promote the inclusion of noise mitigation wherever practicable.
- Continue to review/monitor complaint numbers, any associated NCs and issues.

ER Closing Notes/Comments:

 Complaints received during the reporting period are summarised above with four Project related complaints. Further discussed general increase in complaints in reporting period with LL and to ensure vigilance.

ER notes the following during this reporting period:

- VCN: Completion of capping beam removal (adjacent to 243 Miller Street), with re-design resulting in reduced works and use of handheld jack hammer/occasional saw cutting (lesser noise/vibration impacts than envisaged). No complaints received from capping beam removal works undertaken during standard hours.
- VCN: Removal of Tower Crane and external hoist from site (minimising potential noise).
- VCS: Relocation of unattended noise monitor to 1 Denison St to capture more representative noise data.
- Project continues to be responsive to queries/comments raised relating to any complaints, document reviews/discussions (as applicable) during the reporting period.



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9. ISD – Martin Place

| Project Approval | Contract Package | EPL | Environmental Representative/s |
|---|--|----------------------------|-----------------------------------|
| SSI 7400 (C2S) | Martin Place ISD (MP-ISD) | No EPL | Michael Woolley |
| | Macquarie Bank/Lend Lease | | / Rui Henriques |
| Key Construction Act | ivities During the Period | | , |
| Martin Place South (I | | | |
| | tion (FRP) of walls; columns, beams, and fl | oor slabs | |
| Installation of built | | | |
| | nstruction activities including fit out of the | lower floors of the build | ling |
| _ | ew temporary pedestrian crossing of Marti | | - |
| Streets under B C | lass Hoarding | | - |
| General OOHWs | - | | |
| Concrete pumpin | g from Castlereagh Street | | |
| Works in the pub | lic areas of Martin Place | | |
| Martin Place North (I | MPN) | | |
| Various building v | work activities comprising various fit out ar | nd other activities | |
| Various works inc | cluding fit out within the SSD approved pro | ject (concrete works cor | npleted to the top |
| floor of the buildi | ÷. | | |
| Tower crane oper | rating adjacent Elizabeth Street | | |
| Commissioning or | f various escalators | | |
| Fit out of the ope | n atrium connecting the station levels to the | ne tower | |
| Station Caverns and | | | |
| Fit out activities in | ncluding installation/commissioning of par | elling, services, escalato | ors and fire safety |
| systems | | | |
| | in the station caverns – separated from Ler | nd Lease activities incluc | ling ongoing |
| testing of trains | | | |
| Installation of tick | | | |
| | he Martin Place station on the ESR ongoin | g and near complete | |
| Stations essential | • • | | |
| Key Construction/Act | | | |
| | ribed above ongoing | | |
| | y of Martin Place public areas and in the ge | eneral site vicinity | |
| | ower crane to the SE of the MPN site | | |
| ER Inspections | | | |
| | as conducted during the reporting on 18 Au | - | • |
| | ion. No issues were raised during the inspe | | |
| | nd are building related works rather than c | civil works. Many of the s | SSI areas are near |
| complete such as the | station platforms. | | |
| | | | |





Martin Place North: View from corner of Hunter and Castlereagh Streets. Ongoing façade construction.



Martin Place North: Ticket gates being installed.



Martin Place South: View from Martin Place west of Castlereagh Street. Concrete pumping from Castlereagh Street.



Stations: Completion of works at station platforms.



Caverns: Ongoing fit out works.



Martin Place North: Foyer area to Hunter Street



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Endorsed Document/s

Groundwater Management Plan Rev 11.1

Complaints / Incidents / Non-compliance

No complaints were reported to have been received during the reporting period.

No non-compliances were reported to or observed by the ER during this reporting period for the Martin Place site. There were no incidents reported to the ER under conditions A41 to A44 of SSI 7400 for Martin Place.

Audits (specific to packages reported in this report)

No ER involvement in audit activity including Independent Environmental Audits.

Looking Forward – Core Focus Areas and ER Closing Comments

Nil



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10. Barangaroo Station (BESIX Watpac)

| Project | Contract Package | EPL | Environmental Representative/s |
|--|-------------------------------------|-------------------------|--|
| Approval | | | |
| SSI 7400 (C2S) | Barangaroo Station (BESIX | No EPL | Jo Heltborg |
| | Watpac) | | |
| Key Constructio | n Activities During the Period | | |
| Civil: | | | |
| Zone 1 (Main Si | te): | | |
| Stockpiling a | and acid sulfate soil (ASS) treat | ment | |
| Water Treat | ment Plant (WTP) operation | | |
| Stage 2 cond | densed water scope backfill | | |
| Construction | n of station escalator and eleva | ator canopies ongoin | g |
| Zone 2 (forr | mer Shark's Fin): | | |
| Installation | of Gross Pollutant Trap (GPT), v | water and ASS mana | gement; Construction of Street D |
| ongoing bitu | ımen laid. | | |
| Zone 4 (Hicl | kson Road wall): | | |
| Service insta | allation (stormwater, gas, wate | er mains, sewer) ongo | oing; Construction of Hickson Road new |
| alignment c | ommenced (kerbs & gutters); I | nstallation of final de | esign features to ventilation pod |
| | fter selection of design award | recipient (variation in | nto 2024). |
| Zone 5 (The | | | |
| | g and sandstone block replacen | | |
| | dge over Nawi Cove steps and p | pedestrian diversion | remained in place. |
| | kson Road, under bridge): | | |
| | of concrete slab / capping bear | | - |
| | | ng lane closure and o | out of hours work under OOHWA-020 |
| | e, gas and stormwater) | | |
| Generator relation | emoved from site and HV conn | lection reestablished | to the Cutaway (OOHWA-017). |
| Station Box: | | | |
| | of sandstone and aluminium w | all cladding on Level | B3 and Platform Level B6 / |
| architectura | | | |
| | g at low and high speeds comm | nenced | |
| | alator installation ongoing | | |
| | tallation (electrical, fire, hydrau | ulics) | |
| | of ductwork and containment | / | |
| | pers and platform screen doors | s complete on Level I | B5/B6. |
| | n Activities Look Ahead | | |
| | ckson Road realignment | | |
| | HW-020 Zone 6 utilities | | |
| | | allation, connection & | & testing; plume dispersion monitoring |
| during comr | | | |
| - | g and sandstone block replacen | nent in Zone 5 | |
| | of Nawi Cove pedestrian scaff | | nt of footpaths |
| - | of Gross Pollutant Trap (GPT) a | | |
| | • • • • | - | osure and pedestrian diversions |
| | | | |
| · · · · · · · · · · · · · · · · · · · | assessment for ongoing use of | f the WTP after const | truction completion. |
| ER Inspections | assessment for ongoing use of | f the WTP after const | traction completion. |
| • | | | .0/8/23 & 24/8/23). Issues raised and |



- Noise mitigation during demolition of the concrete slab / capping beams during daytime hours with respite, duration and complaint investigation
- Investigation of complaint during OOHWA-020 Zone 6 services (excavator with potential noncompliant alarm)
- Maintenance of ERSED controls along the site boundary to Nawi Cove
- Approach to the management of liquid waste / sludge generated from the former temporary WTP (TWTP).
- Implementation of best environmental practice in the re-establishment of the roofed IBC storage area with bunded, correctly labelled IBCs
- Improvements in stockpile management with an increased number of stockpiles covered
- Dust management initiatives implemented including hardstand scraped back as far as possible and use of sweeper and water cart
- Action raised to remind subcontractors to utilise the concrete washout in Zone 4
- Action raised to apply additional noise mats to close gap in site fencing on the northern end of the acoustic shed removal site
- Ongoing investigation into the methodology for the removal of components attached to Hickson Road wall during demolition of the acoustic shed to reduce potential impacts to heritage structures, and tool-boxing of personnel / potential for non-compliance
- Ongoing investigation into water quality exceedances in ANZECC trigger levels for cyanide and PAH from WTP discharge. Preparation of WSP memo and confirmation of incident classification.

Photos



Ongoing operation of the WTP

Landscaping including tree replacement ongoing in Zone 5



Lift and escalator canopy construction



Excavation and sheet piling for GPT





- BR-OOHWA-002.8 Station Works Sept-Dec 2023, 24/8/2023
- BR-OOHWA-020_Zone 6 Services_R02, 30/8/2023

Non-compliance/ Incidents or Repeat Complaints

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

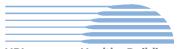
There were no Class 3 environmental incidents reported to the ER for Barangaroo Station for the period, though one potential incident related to water quality discharge from the WTP remains under investigation.

There was one non-compliance (NC) reported to the ER for Barangaroo Station for the period, and one potential NC (related to heritage) has been recommended to be reported, likely to occur in September 2023.

NC 15/8/2023: A local resident contacted the Sydney Metro Barangaroo complaint line approximately 5:40pm on 17/8/23 about the vehicle noise from the out of hours works that were occurring on 15/8/23 (under application OOHWA-020). Upon investigation it was determined that the 5 tonne G&K Excavator (G&K being a subcontractor to Ward Civil) operating during these works was not fitted with a non-tonal alarm (as specified in the OOHWA-020 and Sydney Metro CNVS) and was operating during the Out of Hours Period.

The ER is aware of three complaints received in August 2023 related to BESIX Watpac works:

 Complaint ID 4947 (Received 17/8/2023, Reported 18/8/2023): Resident called about tonal alarm use during out of hours works. Complainant lives in Towns Place and faces the site right next to the bridges



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and says he is being disturbed every night the works have been on, through the night. The plant in question has since had non-tonal alarms attached and the event has been raised as a NC.

- Complaint ID 4952 (Received 22/8/2023, Reported 22/8/2023): Resident called to enquire about the proposed duration of demolition works. At the time concrete demolition works were underway on the northern part of Hickson Road near the former acoustic shed. Intermittent jack hammering will occur during the day to at least the end of August. The resident was offered ear plugs which he declined.
- Complaint ID 4963 (Received 24/8/2023, Reported 25/8/2023): Resident called to complain about disturbed sleep during OOHWA-020. No further details were able to be obtained from the complainant.

Audits

No ER involvement in audit activity including Independent Environmental Audits.

Summary of Environmental Performance

The following key points were discussed during the period:

- Complaints, out of hours works and the use of tonal alarms during OOHW
- The close-out of actions remaining open
- The completion of the BR CTR 2022 Q3 Q4 and Construction Monitoring Reporting
- Status of the Southern Entrance works (on hold as of 28/6/2023)
- Consistency Assessment and potential impacts associated with the future temporary operational use of the WTP.



11. Sydenham to Bankstown Sydney Metro Corridor (SMC) and Bankstown Early Works (BEW) and Additional Corridor (BAC)

| Project Approval | | ct Approval | Contract Package | EPL | Environmental |
|------------------|-------|--------------------------------|---|----------------|----------------------|
| | | | Courthouset Master Consider (CMC) | #24447 | Representative/s |
| | | 3256 (S2B) | Southwest Metro Corridor (SMC) | #21147 | Jo Heltborg |
| Ke | - | | tivities - During the Period | | |
| • | | | ssession (WE09) (26-27th August 2023): | | |
| | | | nce piling in Marrickville, Dulwich Hill, Hurlstone Pa | | sie to Belmore |
| | | - | t Church Street Hurlstone Park and Duke Street Can | • | |
| | | | station brackets on platforms at Marrickville, Canter | - | |
| • | | - | dewatering of Combined Service Route (CSR) pits (d | ue to existing | cables not designed |
| | | be submerged | - | | |
| • | | - | for security fence installation ongoing, including tree | • | |
| • | • | | e office caravans at Metro Service Building (MSB) sit | | |
| | | | Niley Park MAF and Punchbowl, Lakemba & Marrick | wille (Pre-app | proved EIS |
| K - | | mpounds). | | | |
| | - | | tivities Look Ahead | <u> </u> | |
| • | | | ning for September/October Shutdown (23/9-6/10) | . Sydney Met | ro lines isolated; |
| | | tivities will inc | | | |
| | 0 | | fence panel installation in CESS (day shift) | | |
| | 0 | Bracket insta stations) | allation (Marrickville, Dulwich Hill, Hurlstone Park, C | anterbury, Ca | impsie & Lakemba |
| | 0 | Security fen (likely day sł | cing (Chainage: 6740 – 6980 in Marrickville & Chaina Nift) | age: 14100 – 1 | 14280 in Belmore) |
| | 0 | | s (Church & Duke Street). Time TBC. | | |
| | 0 | - | ossings (ULX), 12 in total (Marrickville, Dulwich Hill, | Hurlstone Pa | rk Canterbury |
| | 0 | Campsie & L | | | in, cancerbary, |
| | 0 | • | Crossing (URX) (Ausgrid Pit Installation), Belmore Tr | iangle | |
| | 0 | | iring (OHW) Footings in CESS (from Marrickville to F | - | |
| | 0 | | ditioning scope needs to be confirmed (likely 24hrs | | act) |
| | 0 | | to be confirmed. | | , |
| ER | | pections | | | |
| Th | ere v | was one ER in | spection conducted in August 2023 (15/8/2023). The | ere was one a | action raised during |
| | | | h was in relation to the restoration of damaged turf | | - |
| | | • | ry at Punchbowl. | | |
| | | | , nue at monthly intervals due to limited activities and | d low environ | mental risk, as |
| | • | | R and Sydney Metro in consultation with the ER. The | | |
| | | , cted during th | | • | |





Caravan on site at Punchbowl in use during JHLOR PC of MTR MSB Fit-out and turf restoration



Proposed tree removal locations in Belmore

Endorsed Document/s

- Sydney_Metro_Upcoming_Compliances_SWM-Corridor-2023 Q1 Q2_Rev02, 30/8/2023
- Environmental compliance requirements completion approval 2023 Q1 Q2 SMC and BEW, 30/8/2023

Non-compliance/ Incidents or Repeat Complaints

Sydney Metro has been providing summaries of complaints to the Department of Planning and Environment (DPE) 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.

There were two non-compliances reported to the ER during the period:

- SMC-NCR-040_Lakemba MSB_25 Aug 2023: Works undertaken outside of project boundary limits or the assessment footprint without approval. Caravan and ATF were moved outside of the approved Construction Compound (C15) and Project Boundary on Railway Parade, Lakemba. Once identified, the caravan and ATF was moved back inside the project boundary. A collective insight or equivalent will be delivered.
- SMC-NCR-042_Wilga concrete washout_27 Aug 2023: Chemical, oil or diesel spills or pollutant discharges to waterways between 10 100L. A concrete washout at Wilga Ave, Dulwich Hill was not set up correctly, leading to concrete laden water entering track drainage, but not migrating beyond. No material harm. Remediation was conducted by recovering slurry via sucker truck. NC was raised against ESCP not being implemented. A collective insight or equivalent will be delivered.

There were no incidents reported to the ER under Condition A41 of SSI 7400.



There were three Class 3 environmental incidents reported to the ER during the period:

- SMC-INC-039_Oil Spill Cant Compound_14 Aug 2023: A diesel leak from a 2 tonne tipper on to hard stand during rain event. Operator contacted enviro immediately, stopped tipper. Tipper re-inspected after 40 minutes; no leaked diesel observed. Volume: 5-10mL. Leaked area immediately covered with spill pad and due to the wet weather oil bund installed downstream. The controlled area was sprayed with 5L of Oil-gone 200. No environment harm. No sheen observed after Oil-gone 200 sprayed. No migration off site or sheen observed downstream. No sheen observed outside the compound.
- SMC-INC-041 Event 39230 Melford Oil_26 Aug 2023: A small oil spill occurred at the Melford Ave Hurlstone Park work area. The spill was remediated.
- SMC-INC-043 Event 39231 Melford diesel WE09_27 Aug 2023: 15L of diesel spilled from plant leaving a ~150m long trail on tracks/ballast. The spill was remediated with Oilgone.

The ER is aware of one complaint received in August 2023 related to the SMC works:

 Complaint ID 4938 (Received 15/8/2023, Reported 16/8/2023): Caller from Belmore complained about a constant machine noise in the rail corridor (Daytime). Upon investigation the noise could be attributed to the use of a vacuum truck for service location. The resident was called and the project explained the works would be complete by the end of the day.

Audits

No ER involvement in audit activity including Independent Environmental Audits.

Summary of Environmental Performance

Environmental risks on site are generally low and limited to possessions – incidents were related to minor oil spills during possession and were considered unavoidable. JHLOR self-reported two non-compliances during the reporting period; their proactiveness should be commended.

No noise exceedances were identified during the WE09 Possession; No complaints related to JHLOR works; three minor Class 3 environmental incidents and two Non-Compliances.

The Q1/Q2 2023 Compliance Tracking Review (CTR) is up to date.

Looking Forward – Core Focus Areas

- Management of ERSED controls generally
- Management of noise during OOH Work, particularly the Sept/Oct Possession which is likely to include 24-Hrs track reconditioning (including tamping) in many locations along the corridor, as well as ULX in at least 12 locations.
- Redesign to reduce tree impact for security fencing.
- Defining new scope for new packaged awarded and ensuring CEMP and Sub-plans remain updated to document associated risks.



12. Marrickville, Canterbury and Lakemba Station Upgrades (MCL) (HSEJV)

| Project Approval | Contract Package | Environmental Representative/s | | | | | |
|---|---|--------------------------------|--|--|--|--|--|
| SSI 8256 (S2B) | Marrickville, Canterbury and Lakemba | Brett McLennan | | | | | |
| 551 0250 (520) | Station Upgrades (MCL) (HSEJV) | Brett Melennun | | | | | |
| Key Construction A | ctivities During the Period | | | | | | |
| Possession WE0 | | | | | | | |
| Marrickville: | 59 completed | | | | | | |
| | works are completed and drainage rectification | on to the rain garden ongoing | | | | | |
| - | inse insection to the completed and drainage recurrention to the fair garden on going | | | | | | |
| | MSB compound demobilised | | | | | | |
| • | nmissioning at the station ongoing | | | | | | |
| - | iverdale and Victoria Rd on hold | | | | | | |
| Canterbury: | | | | | | | |
| • | demobilising ongoing | | | | | | |
| MSB compound demobilising ongoing MSB internal fit-out and service connection work ongoing | | | | | | | |
| | | | | | | | |
| Lift and concourse cladding ongoing | | | | | | | |
| | | | | | | | |
| - | | | | | | | |
| | Testing and commissioning ongoing | | | | | | |
| Rectification wo | | | | | | | |
| PUMS connection | on completed to bus stops | | | | | | |
| Lakemba: | | | | | | | |
| MSB internal fit | -out continued | | | | | | |
| Railway Pde car | park reinstatement completed; lower portio | n reopened to the public | | | | | |
| Compound dem | nobilised | | | | | | |
| Testing and con | nmissioning ongoing | | | | | | |
| | ctification ongoing | | | | | | |
| Rectification wo | orks | | | | | | |
| Key Construction A | ctivities Look Ahead | | | | | | |
| <u>All sites</u> | | | | | | | |
| - | Planning for Shutdown (23 September – 6 October) expected to be low-impact work OOH | | | | | | |
| | PC handover to holding contractor as the sites are completed | | | | | | |
| Defect repairs | | | | | | | |
| <u>Marrickville</u> | | | | | | | |
| | Defect repairs | | | | | | |
| | Electrical work at station buildings | | | | | | |
| <u>Canterbury</u> | | | | | | | |
| | Services connection in MSB and platforms – lights, fire, mech and comms | | | | | | |
| | Lift commissioning works | | | | | | |
| | Concourse cable containment | | | | | | |
| | Completion of light installation around the station | | | | | | |
| | Rectification works | | | | | | |
| Demobilisation | of compounds | | | | | | |
| Lakemba | | | | | | | |
| Rectification wo | Drks | | | | | | |



ER Inspections

Two ER inspection was conducted for MCL on 4 and 25 August 2023. Issues raised during the inspections included:

Marrickville

Minor weed maintenance was required at the ARTC gate

Canterbury:

Site to maintain access to Charles Street bike facilities

Lakemba

Minor maintenance was required for the rail embankment geomat

Photos



Canterbury East of MSB - sporadic germination of

Lakemba MSB– Landscaping and carpark

hydroseed to be monitored.



Canterbury MSB –hydroseed growth on rail embankment



Lakemba Railway Pde – Reopening of public car parks and turf establishment Endorsed Document/s

- OOHWA057 HSE JV Endorsed
- OOHWA058 low-risk work at Marrickville Station
- CTR Q4 2022

reinstatement



Non-Compliance/ Incidents or Repeat Complaints

Sydney Metro has been providing daily summaries of complaints to the Department of Planning and Environment (DPE) 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.

The ER is not aware of any minor incidents or NCRs; and two complaints that were not related to Sydney Metro activities. No incidents were reported to the ER under condition A36 of SSI 8256.

Audits

No ER involvement was requested in audit activity including Independent Environmental Audits.

ER Closing Comments and Looking Forward – Core Focus Areas

The ER has continued to hold meetings with HSEJV and Sydney Metro to discuss the ongoing issues. Focus on ESC, weed control, demobilisation and PC handover.

The ER notes that the sites are generally stabilised with landscaping works and demobilisation ongoing during August. Site inspection frequency will be reduced to four weeks, with a focus on possession work. Looking forward:

- Continued implementation checks for CEMP and sub plans, focusing on OOH scheduling and ESC
- PC handover to holding contractors



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

| Droject Approval | Contract Deckage | Favironmental | | | | | |
|--|--|-----------------------------------|--|--|--|--|--|
| Project Approval | Contract Package | Environmental Representative/s | | | | | |
| SSI 8256 (S2B) | Hurlstone Park, Belmore, and Wiley Park Station | Brett McLennan | | | | | |
| | Upgrades (HBW) (Downer) | | | | | | |
| | Dulwich Hill Campsie and Punchbowl Station | | | | | | |
| | Upgrades (DCP) (Downer) | | | | | | |
| Key Construction Ac | tivities During the Period | | | | | | |
| Possession WE09 | | | | | | | |
| Hurlstone Park | | | | | | | |
| Asphalt P1 under | | | | | | | |
| Earth rods install | | | | | | | |
| High-Level Conta | | | | | | | |
| Lift installation for | | | | | | | |
| Rectification works ongoing | | | | | | | |
| Rectification to p | Rectification to platform tactile, platform drainage, glazing and heritage bollards completed | | | | | | |
| MSB –fit-out wo | MSB – fit-out works continued | | | | | | |
| MSB ramp 95% c | MSB ramp 95% completed, Permanent gates to be installed | | | | | | |
| MSB landscaping | MSB landscaping works are 95% completed | | | | | | |
| MSB - Brick walls | and drainage completed | | | | | | |
| MSB planter box | installation ongoing | | | | | | |
| MSB - Stabilise lo | w flow drain – Shotcrete completed on batter; remaind | er to be landscaped | | | | | |
| <u>Belmore</u> | <u>Belmore</u> | | | | | | |
| Rectification work | ks ongoing | | | | | | |
| Wiley Park | | | | | | | |
| Rectification work | ks ongoing | | | | | | |
| Dulwich Hill: | | | | | | | |
| Plaza Landscapin | Plaza Landscaping – Footpaths, Paving Base Slab completed, 80% complete | | | | | | |
| MSB fit-out work | MSB fit-out works - Services Containment, Partitions and Linings, mechanical unit install - electrical | | | | | | |
| | works ongoing | | | | | | |
| MSB Chiller pad preparation work commenced | | | | | | | |
| | rootonage strip aran and paring work completed | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| Rectification works ongoing | | | | | | | |
| <u>Campsie</u> : | | | | | | | |
| | | | | | | | |
| MSB ducting installation (design changes) and mechanical fit-out ongoing | | | | | | | |
| MSB anti-graffiti paint completed | | | | | | | |
| | | | | | | | |
| | Removal and reinstatement of bridging beam completed | | | | | | |
| • | Concourse paving work complete | | | | | | |
| Station room aire | Station room aircon, bike room and shop 3 (approximately) 90% completed | | | | | | |



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Punchbowl:

- MSB handed over to JHLOR 7/08/23
- Platform fit out completed
- Lift commissioning completed
- Platform Station and defects completed

Key Construction Activities Look Ahead

All Stations

- Planning for Shutdown (23 September 6 October) expected to be low-impact work OOH
- PC handover to holding contractor as the sites are completed
- Defect repairs

Dulwich Hill

- MSB Chiller Pad installation
- Plaza completion

Hurlstone Park

- High-level containment/cabling at Concourse
- Lift commissioning works
- MSB fit out

<u>Campsie</u>

- Bike room installation
- Concourse Internal building fit-out plus shops
- Concourse Lights installation at the canopy

ER Inspections

Two ER inspection was conducted for HBW and DCP on 4 and 25 August 2023. Issues raised during the inspections included:

<u>Punchbowl</u>

- Minor ERSED maintenance and repairs of the Urunga Pde stormwater pit.
- Ongoing construction rubbish cleanup of cess areas.

Dulwich Hill

- Minor ESC maintenance was required
- Graffiti removal from banner mesh
- Scheduling OOH noisy work

Hurlstone Park

Minor ERSED maintenance adjacent to the MSB

<u>Campsie</u>

Closure of Lillian Lane without project approval (NCR under consideration)

Wiley Park

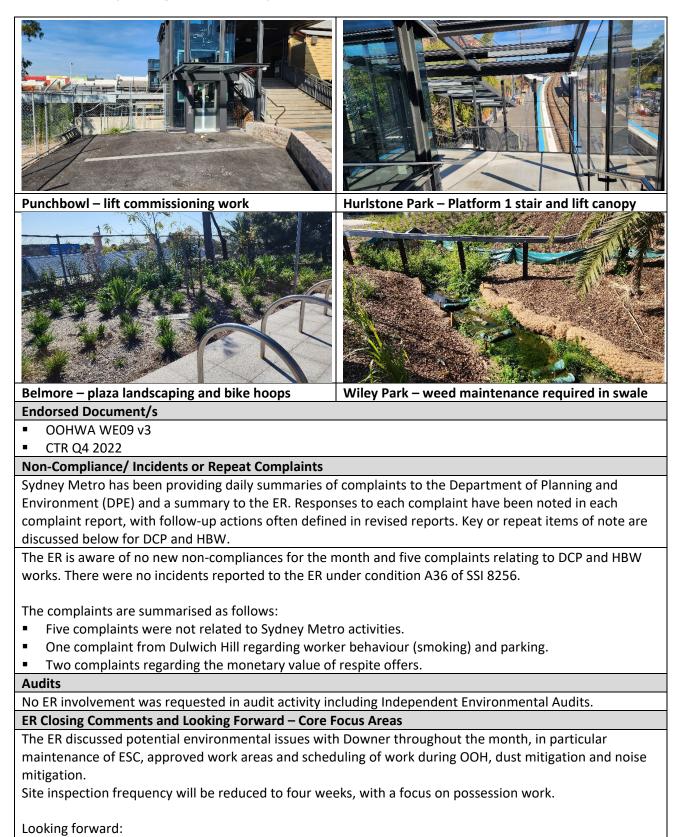
- Minor ERSED maintenance
- Minor weed maintenance

Photos



Dulwich Hill Plaza – Footpath tie in work ongoing Campsie – Installation of concourse lighting

Healthy Buildings International Pty Ltd



- Continued implementation checks for CEMP and sub plans, focusing on OOH scheduling and ESC.
- PC handover to holding contractors.



14. Sydney Metro Retained Obligations (SM)

| Project Ap | proval | Contract Package | EPL | Environmental Representative/s | | |
|---------------------|---|--|------------------------------|-----------------------------------|--|--|
| SSI 7400 | (C2S) | Sydney Metro Retained | Not applicable | Jo Robertson | | |
| SSI 8256 | (S2B) | Obligations (SM) /Other | | | | |
| Key Constru | ction Activ | vities | | | | |
| SM | compou | ng environmental investigation nd will be undertaken by SM as Impact has been provided by H | Low Impact Minor Works (a | | | |
| ER Inspectio | ns | | | | | |
| SM | • Nil | | | | | |
| Endorsed Do | ocument/s | 5 | | | | |
| SM | C2S and S2B SM Retained Obligations CTR Q3 Q4 2022 and Completion Forms up to date | | | | | |
| Non-complia | ance/ Inci | dents or Repeat Complaints | | | | |
| respective p | orojects. no inciden | ed in revised reports. Key or reports in revised reports. Key or reports in the set of t | ney Metro for the period. Th | ere were no non- | | |
| Audits | | | | | | |
| SM | Independent Audit Program: IEA 1 and IEA 2 have both been submitted to DPE within the required 6-week timeframe. IEA 2 identified 1 new non-compliance against the Crows Nest ISD Contractor for not implementing training programs in accordance with the CEMP (refer to CN report). | | | | | |
| Looking Forv | ward – Cor | e Focus Areas | | | | |
| SM | The Sydney Metro Southwest team is reassessing procurement and delivery strategies following the Government's announcement to proceed with the Sydenham to Bankstown line conversion.High speed train testing has commenced and will increase in frequency over coming months. | | | | | |



15. Statement of Limitations

Healthy Buildings International (HBI) has prepared this report in accordance with the requirements of Condition A24(I) 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 and Environment (DPE) 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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