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Director Infrastructure Management  
Department of Planning, Industry and Environment  
GPO Box 39  
SYDNEY NSW 2001

7 November 2019

Ref: 170108-ER-DPIE-Oct19-SSJ CS NCW LW S2B

Dear Erica

**Re: Sydney Metro City & South West - ER Monthly Report for October 2019 – CS, NCW, SSJ, LW and S2B**

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

- Condition A24 (l) of the Sydney Metro City & South West Chatswood to Sydenham CSSI 15\_7400 Approval (9 January 2017) and associated modifications (MOD1\_Victoria Cross and Artarmon (18 October 2017), MOD2\_Central Walk (21 December 2017), MOD4\_Sydenham Station and Metro Facility South (13 December 2017), MOD3\_Martin Place Metro Station (22 March 2018), MOD5\_Blues Point Acoustic Shed (2 November 2018) and MOD6\_Administrative Changes (21 February 2019);
- Condition A26(j) of the Sydney Metro Sydenham to Bankstown Upgrade SSI\_8256 Approval (12 December 2018).

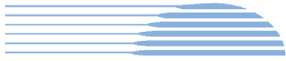
The attached summary details the following key activities undertaken by ERs for Sydney Metro – City and South West Chatswood to Sydenham (C2S) during the month of **October 2019** for Sydenham Station Junction, Central Station, Northern Corridor and Line Wide Works.

It also provides a summary in relation to the Sydney Metro - Sydenham to Bankstown (S2B) for the same period.

Yours sincerely

Jo Robertson  
Environmental Representative

Sydney Metro Cc: Fil Cerone, Matt Marrinan, Ben Armstrong, Stuart Hodgson, Adam Koutsamanis, Margarita Ognjanovic, Andrew Hendy, Simon Fisher, Tim Solomon  
DPIE Cc: Elizabeth Williamson, Rob Sherry, Alice Pryke  
IEP Cc: Larry Weiss, Julie Dickson



Summary of Contract Packages	Environmental Representative/s
Sydenham Station Junction (SSJ)	Jo Robertson (Jo Heltborg – observer)
Central Station	Michael Woolley
Northern Corridor (NCW)	Peter Hatton
Line Wide (Tallawong to Bankstown)	Peter Hatton
Sydenham to Bankstown Sydney Metro Early Works (SMEW)	Jo Robertson
Key Construction Activities	
Sydenham Station Junction (SSJ)	<ul style="list-style-type: none"> <li>▪ Retaining wall construction in the rail corridor is ongoing in the combined services route (CSR) works area. The CSR works area is also being used for access and haulage alongside the rail corridor.</li> <li>▪ Rail Corridor - Construction of footings and installation of stanchions and underline crossing (ULX) connections. Preparation for track reconditioning for Weekend 19 possession.</li> <li>▪ Burrows Ave/ Bolton Street - Lift shafts in place Platforms 4/5 &amp; 6. Note the roof canopy to be lifted by crane during the Christmas shutdown.</li> <li>▪ 11 Sydenham Rd Marrickville - Excavation for the culvert is ongoing. Construction of under bore is continuing. Excavation of treated potential acid sulphate soil (PASS) has resulted in stockpiled and treated potential acid sulphate soil. Concrete washout facilities and sediment tanks are available for use as required on site.</li> <li>▪ Sydenham Pumping Station - Construction of the new access ramp continues. Construction of the aqueduct support columns and headstocks is ongoing in Sydenham Pit. Super T's and culvert cells planned to be lifted on top of pylons.</li> </ul>
Central Station	<ul style="list-style-type: none"> <li>▪ Sieving of recovered cemetery sands is ongoing.</li> <li>▪ Archaeological investigation completed with the trachyte steps and other heritage items salvaged. The excavation of existing fill to design level has commenced for a future piling platform.</li> <li>▪ Archaeological investigation at up-ramp to Platform 16 for CSR works phase B has commenced.</li> <li>▪ Works for the installation for permanent water treatment plant have commenced.</li> <li>▪ Excavation of natural soils beneath Metro Box track slab. Loading of spoil onto trucks for offsite disposal. Water misters were in use.</li> <li>▪ Piling, excavation within hoardings on the Concourse, for the installation of foundations for the new canopy, is ongoing. This has been noisy work and has been the subject of discussions on how to reduce noise in the area; and how to reduce exposure to the noise of Sydney Trains personnel.</li> <li>▪ A portion of the Olympic Tunnel has been closed. As a consequence, commuters enter Central Station using an extended bridge, aided by additional wayfinding signage.</li> <li>▪ Hoardings and signage for wayfinding on the upper Concourse have been installed to allow commuters to access the Station safely separated from work areas.</li> <li>▪ Services investigation and formwork installation to backfill stairs space continues, within a short term "igloo" enclosure constructed with noise blankets for sound mitigation.</li> <li>▪ Platform stabilisation works underway.</li> <li>▪ Installation of Water Treatment Plant well underway, with many components in place. Excavations for CSR ongoing in the vicinity of the WTP. Former excavation/heritage investigation has been filled in.</li> <li>▪ Metro Box excavation south of Devonshire Street Tunnel continues.</li> </ul>
Northern Corridor Works (NCW)	There were no inspections conducted by ER in October 2019.
Line Wide	<ul style="list-style-type: none"> <li>▪ Excavation for and of the Fire Ring Main,</li> <li>▪ Saw cutting and excavation of CSR trenches, CSR installation and backfilling of trenches.</li> <li>▪ Core drilling of concrete pipe and pits</li> <li>▪ Excavation and construction of overhead wiring (OHW) footings.</li> </ul>
SMEW	<ul style="list-style-type: none"> <li>▪ Abermarle Street Under Road Crossing (URX) works were completed with all disturbed areas (paving, landscaping etc reinstated. CSR troughing installation continued.</li> </ul>



	<ul style="list-style-type: none"> <li>▪ Recent work to remove a large tree at Ness Avenue.</li> <li>▪ Canterbury compound area being established in the corridor adjacent to Charles Street.</li> <li>▪ Removal of a large tree in Zone 13 that required power outage due to high voltage overheads.</li> </ul>
<b>ER Inspections</b>	
SSJ	There were three inspections conducted by the ER in October 2019. Issues identified during inspections involved: management of bulldust, reinstatement of minor visual screening, classification of stockpiled materials, and tree protection at laydown compounds.
Central Station	There were three ER inspections conducted in October 2019. It was noted that the water treatment plant has been commissioned and made operational. Key issues identified were related to surface water management.
NCW	There was no ER inspection conducted in October 2019.
Line Wide	There were two inspections in October 2019. The key issues discussed at these inspections were: public information signage, use of incorrect beeper on an excavator, and dust management. It was also noted that the site has a high standard of general housekeeping.
SMEW	There was one ER inspection conducted in October 2019. JHLOR discussed the potential installation of a silt berm as an end of line control given the proximity of works to the River. The ER requested additional information on the construction methodology to better understand the proposed works in this area. Installation of silt controls and the preservation of ground cover should be undertaken in the immediate future.
<b>Endorsed Document/s</b>	
SSJ	<ul style="list-style-type: none"> <li>▪ Nil</li> </ul>
Central Station	<ul style="list-style-type: none"> <li>▪ Nil</li> </ul>
NCW	<ul style="list-style-type: none"> <li>▪ Nil</li> </ul>
Line Wide	<ul style="list-style-type: none"> <li>▪ Out of hours works (OOHW) Application 005 WE 12 SMTF Rev 00</li> </ul>
SMEW	<ul style="list-style-type: none"> <li>▪ OOHW Application: General site-wide minor works – September/October and WE19, Rev 05: 21 October 2019.</li> <li>▪ OOHW Application prepared for Metron T2M for invasive investigation activities to be undertaken during Weekend 19 possession (9/11/19-10/11/19) Rev 00: 18 October 2019</li> </ul>
<b>Non-compliance/ Incidents or Repeat Complaints</b>	
Sydney Metro has been providing summaries of complaints to DPIE daily and a summary to the ER. Responses to each complaint have been noted in each complaint report, with follow up actions often defined in revised reports. Key or repeat items of note are discussed below for the respective projects.	
SSJ	Complaint aspects for this site during the period included: parking (subsequently found to be not project related, dust suppression and vibration for tamping (since found to be from Sydney Trains activities). There were no incidents for SSJ reported to the ER under conditions A41 to A44 of SSI 7400.
NCW	Complaint aspects for this site during the period included: Oversize parking and parking generally, the sound levels of vehicle reversing beepers, noise from OOHW, and vibration There were no incidents were reported to the ER under conditions A41 to A44 of SSI 7400.
Central Station	Complaint aspects for this site during the period included: Key complaint for his period were associated with noise due to concrete breaking works at Northern Concourse , and water on the floor in the Southern Baggage Pedestrian Tunnel with the water reported o be coming from the metro box excavation. There were no incidents for Central reported to the ER under conditions A41 to A44 of SSI 7400.
Line Wide	There was a complaint about a lack of notification about night work in the area related to the Central to Waterloo 33kv work. It was since discovered that the property was included in recent door knocks and reminder notification. There were no incidents were reported to the ER under conditions A41 to A44 of SSI 7400.
SMEW	There were no incidents reported to the ER under conditions A36 of SSI 8256.
<b>Audits</b>	
SSJ	No ER involvement in audit activity including Independent Environmental Audits (IEA program).
NCW	No ER involvement in audit activity including Independent Environmental Audits (IEA program).
Central Station	No ER involvement in audit activity including Independent Environmental Audits (IEA program).
SMEW	No ER involvement in audit activity including Independent Environmental Audits (IEA program).



Line Wide	No ER involvement in audit activity including Independent Environmental Audits (IEA program).
<b>Looking Forward – Core Focus Areas</b>	
Sydney Metro	<ul style="list-style-type: none"><li>Compliance review for Q3 for 2019</li></ul>
SSJ	<ul style="list-style-type: none"><li>Upcoming possession work, negotiation of EPL for upcoming construction works (possession shut down).</li><li>Culvert work, and completion of supporting structures, and associated impacts.</li></ul>
NCW	<ul style="list-style-type: none"><li>Nil</li></ul>
Central Station	<ul style="list-style-type: none"><li>Station Precinct Design Plan</li><li>Investigations and approvals associated with the use of the Eveleigh Facility</li></ul>
Line Wide	<ul style="list-style-type: none"><li>SMTF (North) construction site works</li><li>Central to Waterloo 33 Kv works</li><li>Cumulative impacts from adjacent projects</li></ul>
SMEW	<ul style="list-style-type: none"><li>Temporary road closure works (Various)</li><li>Erosion and sediment control and associated retaining wall works between Campsie and Canterbury Stations</li><li>Approval of OOHW under the OOHW Protocol</li><li>Works conducted during possession under the Sydney Trains Environment Protection Licence (EPL)</li></ul>