

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

11 October 2019

Ref: 170108-ER-DPIE-Sep19-SSJ CS NCW LW S2B

Dear Erica

**Re: Sydney Metro City & South West - ER Monthly Report for September 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 **September 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)		Alberto Paludetto
Central Station		Alberto Paludetto
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>▪ Combined service route (CSR) Works area - Retaining wall construction in rail corridor is ongoing</li> <li>▪ Burrows Ave - Installation of services, wiring, post bridge beam installation</li> <li>▪ 11 Sydenham Rd Marrickville - VENM has been imported to raise the site to working level Potential Acid Sulfate Soil (PASS) has been treated and will undergo analysis and classification</li> <li>▪ Sydenham Pumping Station - Construction of new access ramp continues. Construction of aqueduct support columns ongoing in Sydenham Pit.</li> </ul>	
Central Station	<ul style="list-style-type: none"> <li>▪ Track slab construction at the northern end of the Metro Box is ongoing. Deep excavation of the space beneath the slab is ongoing</li> <li>▪ Excavation between Devonshire Street Tunnel and Y tunnels in Metro Box in ongoing</li> <li>▪ Stockpiling of excavated sand in portable bins from the former Devonshire Street Cemetery is continuing for mechanical and hand sieving</li> <li>▪ Trimming and detailing of piles is ongoing</li> <li>▪ South of Devonshire St Tunnel the capping beam construction to support track slab is ongoing</li> <li>▪ Lead contaminated material removal. Covered waste awaiting removal after classification</li> <li>▪ The wheel wash in operation</li> <li>▪ The use of sprays for dust suppression is ongoing</li> <li>▪ Piling and excavation within hoardings on the Concourse for the installation of foundations for the new canopy is ongoing</li> </ul>	
Northern Corridor Works (NCW)	<ul style="list-style-type: none"> <li>▪ Artarmon Station to the termination of the Sydney Metro line:               <ul style="list-style-type: none"> <li>○ Signal support and construction works</li> <li>○ Stockpile management and removal</li> <li>○ Import of material</li> <li>○ Combined services route (CSR) and drainage preparation works</li> </ul> </li> </ul>	
Line Wide	<ul style="list-style-type: none"> <li>▪ Site compound establishment and construction / implementation of erosion and sediment controls</li> </ul>	
SMEW	<ul style="list-style-type: none"> <li>▪ Abermarle Street, Kays Avenue, Wilga Avenue: Under Road Crossing (URX) - The majority of the Under Road Crossing (URX) works have been completed. Some minor reinstatement of pavements / garden area remains.</li> </ul>	
ER Inspections		
SSJ	<p>There were two inspections conducted by the ER in September 2019. Issues identified during inspections involved ensuring concrete collection points are available and reinforcing use thereof. Hand held hoses are installed at 11 Sydenham Rd to assist dust suppression. Effectiveness of dust suppression measures for the Pit should be monitored as the weather gets hotter.</p>	
Central Station	<p>There were two ER inspections conducted in September 2019. It was noted that the water treatment plant has been commissioned and made operational. Key issues identified were related to surface water management.</p>	
NCW	<p>There was one ER inspection conducted in September 2019. It was noted that sediment run-off controls onto Brand Street from the south have been effective however the effectiveness of recently constructed acoustic barrier at western end of Hopetoun Avenue may be compromised by drainage slots at the base of the barrier. Issues identified during inspections included on-going mitigation for mud tracking at Drake Street.</p>	
Line Wide	<p>There were two inspections in September 2019. The key issues discussed at these inspections were erosion and sediment control related and the interface with the operational metro facility.</p>	



SMEW	There were two ER inspections conducted in September 2019. Limited issue identified due to the limited scale of work. Planning for works near the Cooks River is ongoing. The ER requested additional information on the construction methodology to better understand the proposed works in this area.
<b>Endorsed Document/s</b>	
SSJ	<ul style="list-style-type: none"> <li>Consistency Assessment (SSJ-PACA-008) Turnout Build Area</li> </ul>
Central Station	<ul style="list-style-type: none"> <li>Nil</li> </ul>
NCW	<ul style="list-style-type: none"> <li>Out of hours works application (OOHWA) #30 Week 11 Week Ending (WE) 12 Sept 2019 Rev02 (Portion 7A + 7B)</li> </ul>
Line Wide	<ul style="list-style-type: none"> <li>Artarmon/Willoughby Bulk power Supply Early Works Investigation/Survey</li> <li>Surry Hills / Waterloo Bulk Power Supply - Early Works Services Investigation/Survey OOHWA 005</li> <li>OOHWA 003 WE 12 SMTF Rev00</li> <li>OOHWA 003 WE 12 SMTF Rev01</li> <li>OOHWA 003 WE 12 SMTF Rev02</li> </ul>
SMEW	<ul style="list-style-type: none"> <li>OOHW Albermarle Street URX Rev 01</li> <li>Utility Management Strategy Rev 5</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: Storage of rail tracks alongside haul road access near business, heavy truck movements, parking, and behaviour of workers. 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 OOHWA, and vibration. There were no incidents for NCW reported to the ER under conditions A41 to A44 of SSI 7400.
Central Station	Complaint aspects for this site during the period included: Dust property access delays, workers behaviour, safety and pedestrian access. There were no incidents for Central reported to the ER under conditions A41 to A44 of SSI 7400.
Line Wide	No incidents, non compliances or complaints.
SMEW	Complaints included concerns about consultation and construction impacts. 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	Registration with TeamBinder for Line Wide (Auditor query)
<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>Flood management and the flood report compliance</li> <li>Protection and relocation of sewer and water utilities</li> <li>Communications relocation works</li> </ul>
NCW	<ul style="list-style-type: none"> <li>Management of noise and vibration during possession works in light of numerous complaints</li> <li>Management of sediment movement and mud-tracking off-site</li> <li>Management of project vehicle parking</li> </ul>
Central Station	<ul style="list-style-type: none"> <li>Development of the Heritage Interpretation Plan</li> <li>Development of the Station Precinct Design Plan</li> </ul>



Line Wide	<ul style="list-style-type: none"><li>▪ Planning for early investigations including BPS routes from Campsie to Canterbury, Surry Hills to Waterloo and Artarmon to Willoughby</li><li>▪ Strategy for delivery of multiple approvals</li><li>▪ Endorsement of early works and OOHW applications</li><li>▪ Input and endorsement as required to pre commencement approval documentation</li><li>▪ Occupation of SMTF (North) construction site and commencement of erection of site buildings, construction of car park/laydown area and construction of ERSED works including a new sediment treatment pond</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 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>