

Carl Dumpleton  
A/Director Infrastructure Management  
Department of Planning and Environment  
GPO Box 39  
SYDNEY NSW 2001

7 December 2018

Ref: 170108-ER-DPE-Nov 18-SYAB CS NCW IW

Dear Carl

**RE: Sydney Metro City & South West Chatswood to Sydenham CSSI 15\_7400 – ER Monthly Report for November 2018 – SYAB, CS, NCW, SSJ, and Investigation works**

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

- Condition A24 (I) of the Sydney Metro City & South West Chatswood to Sydenham CSSI 15\_7400 Approval (9 January 2017) and associated modifications (MOD1\_Victoria Cross and Artarmon (18 October 2017), MOD2\_Central Walk (21 December 2017), MOD4\_Sydenham Station and Metro Facility South (13 December 2017), MOD 3\_Martin Place Metro Station (22 March 2018) and MOD 5\_Blues Point Acoustic Shed (determined 2 November 2018); and
- As required by the subsequent appointment as the approved Environmental Representative (17 February 2017);

The attached summary details the following key activities undertaken by ERs for Sydney Metro – City and South West Chatswood to Sydenham during the month of **November 2018** for Sydney Yard Access Bridge, Sydenham Station Junction, Central Station Works, Northern Corridor Works and Investigation Works.

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,  
DPE Cc: Swati Sharma, Rob Sherry, Kate Moore,  
IEP Cc: Larry Weiss, Julie Dickson



Summary of Contract Packages		Environmental Representative/s
Sydney Yard Access Bridge (SYAB) (Early Works package)		Annabelle Tungol Reyes
Sydenham Station Junction (SSJ) (Early works and Main works)		
Central Station (Early Works and Main Works)		
Investigation Works		
Northern Corridor (NCW) (Early Works package)		Annabelle Tungol Reyes
Alternate for all packages		Jo Robertson
Key Construction Activities		
Sydney Yard Access Bridge (SYAB)	<ul style="list-style-type: none"> <li>▪ Construction works completed in May 2018.</li> <li>▪ SYAB is now in operation.</li> <li>▪ Compliance Tracking Report for Quarter 2 2018 is yet to be finalised.</li> </ul>	
Sydenham Station Junction (SSJ)	<ul style="list-style-type: none"> <li>▪ Excavation and installation of new service pits located inside the rail corridor (rear of Fraser Park).</li> <li>▪ Construction of the temporary bridge to allow access into the rail corridor.</li> <li>▪ Survey work and excavation of trenches for utility service location.</li> <li>▪ Installation of a new telecommunications tower at the corner of Shirlow and Saywell Streets, Marrickville.</li> <li>▪ Excavation, piling and concreting work on platforms 4, 5 and 6 and along Burrows Avenue in preparation of new aerial concourse, lift and stairs.</li> <li>▪ Modification of overhead wire systems.</li> </ul>	
Northern Corridor Works (NCW)	<ul style="list-style-type: none"> <li>▪ Geotechnical investigations;</li> <li>▪ Construction of CSR ULX</li> <li>▪ Modification of overhead wire systems.</li> <li>▪ Auguring/excavation of footings; Stockpiling of material; excavation of spoil into works train and compaction of suitable spoil material.</li> <li>▪ Re-loading of work train at St Leonards.</li> <li>▪ Tamping of work site.</li> <li>▪ Removal of noise wall and concrete capping beam at Hopetoun Ave.</li> </ul>	
Central Station	<ul style="list-style-type: none"> <li>▪ Excavation and building new staircases on Platforms 20-21 and 22-23;.</li> <li>▪ Demolition of Platforms 13, 14 and 15 and removal of roof canopies.</li> <li>▪ Piling foundations and excavation works within Platforms 13, 14 and 15.</li> <li>▪ Demolishing office buildings in Sydney Rail Yard.</li> <li>▪ Archaeological excavation at southern end of Platform 14-15.</li> <li>▪ Ceiling and wall reinforcement work in Southern Baggage Tunnel.</li> <li>▪ Delivering materials, services investigation works and using pedestrian tunnels in off peak hours; and</li> <li>▪ Installation of Sydney Rail Yard site facilities.</li> </ul>	
Investigation Works	<ul style="list-style-type: none"> <li>▪ Axicom Tower build works</li> </ul>	
ER Inspections		
SYAB	No more inspections required. SYAB is now in operation.	
SSJ	There were two inspections conducted by the ER in November 2018. Issues included erosion and sedimentation controls and dirt on access road. The ER Inspection report was prepared and issued to Sydney Metro and the SSJ Contractor, the John Holland Laing O'Rourke Joint Venture (JHLORJV).	
NCW	An inspection was conducted by the ER on 17 November 2018 (possession weekend). The ER Inspection report was prepared and issued to Sydney Metro and the NCW Contractor Laing O'Rourke (LOR). No issues were identified during this inspection. Various notes were recorded in the report reflecting commitments made by LOR.	
Central Station	There were two ER inspections conducted in November 2018. Actions identified during the inspections comprised of erosion and sedimentation controls and spill management. ER Inspection reports have been prepared and issued to Sydney Metro and the CSMW Contractor	



	Laing O'Rourke (LOR). Various notes were recorded in the reports reflecting commitments made by LOR.
Investigation Works	Nil
<b>Endorsed Document/s</b>	
SYAB	Nil
SSJ	<ul style="list-style-type: none"> <li>▪ OOHW for WK20 Midweek Possession</li> <li>▪ OOHW for WE21 Possession</li> <li>▪ OOHW for WE23 Possession</li> <li>▪ OOHW for Piling Rig Movement November 2018 Rev 01</li> <li>▪ SSJ 2018 Q3 CTR ER endorsed 011118</li> <li>▪ SSJ CTR Q3 2018 Register and Report</li> </ul>
NCW	<ul style="list-style-type: none"> <li>▪ NCW P7b Construction Traffic Management Plan (Rev01)</li> <li>▪ NCW CEMP Rev 09</li> <li>▪ NCW P7a Construction Traffic Management Plan (Rev10)</li> <li>▪ NCW 7A + 7B CTMP (Rev 02)</li> <li>▪ OOHW Application 023</li> <li>▪ OOHW Application 024</li> <li>▪ OOHW Application 025</li> <li>▪ OOHW 24 application</li> <li>▪ NCW CTR Q3 2018 Register and Report</li> <li>▪ NCW P7A7B PCCR Rev 3</li> <li>▪ Community Communication Strategy -Artarmon to Chatswood Corridor Works R 1.0</li> </ul>
Central Station	<ul style="list-style-type: none"> <li>▪ SMCSW-CTP-CSMW-2018-Q3 Final Combined</li> <li>▪ OOHW Olympic Stairs WK11 to WE24</li> <li>▪ VAMP Rev 5 021118</li> <li>▪ Non-compliance Reports NCR 001</li> <li>▪ Non-compliance Reports NCR 002</li> <li>▪ OOHW Application 10 for Nov 2018 Rev 3</li> <li>▪ Groundwater Management Plan Rev 6</li> <li>▪ Waste Management Plan Rev 2</li> <li>▪ Groundwater Management Plan Rev 6</li> <li>▪ Archaeological update for Central Sydney Yard Track 15</li> <li>▪ OOHW 011 for December 2018</li> </ul>
Investigation Works	<ul style="list-style-type: none"> <li>▪ DPE Determination of Low Impact Works - Axicom Tower Removal</li> </ul>
<b>Non-compliance/ Incidents or Repeat Complaints</b>	
SYAB	Nil
SSJ	Nil
NCW	Nil
Central Station	<p>There were two non-compliances raised against Conditions of Approval E59 and E90:</p> <ul style="list-style-type: none"> <li>▪ NCR-001 - In accordance with the Conditions of Approval E59, copies of Building Condition Survey Reports must be provided to the owners of the buildings surveyed, and if agreed by the owner, the Relevant Council within three (3) weeks of completing the Survey Report and no later than one (1) month before the commencement of construction. The survey reports were not provided to the owner of buildings surveyed within three weeks of completing the report.</li> <li>▪ NCR-002 - In accordance with the Conditions of Approval E90, copies of the Road Dilapidation Report must be provided to the Relevant Council within three weeks of completing the surveys and no later than one (1) month before the use of local roads by heavy vehicles. The reports were not submitted to Council within the required timeframe.</li> </ul>
Investigation Works	Nil



<b>Audits</b>	
SYAB	Nil
SSJ	An Independent Environmental Audit was conducted on 30 October 2018 with focus on early works and communication systems, planning and implementation.
NCW	Nil
Central Station	Nil
Investigation Works	Nil
<b>Looking Forward – Core Focus Areas</b>	
SYAB	<ul style="list-style-type: none"><li>Operational noise impacts of the trucks for deliveries and stockpile hauling.</li></ul>
SSJ	<ul style="list-style-type: none"><li>Erosion and sedimentation controls management on laydown areas and along the rail corridor.</li><li>Noise and vibration management during possession works and piling works at the station.</li></ul>
NCW	<ul style="list-style-type: none"><li>Out of hours works – cumulative noise impacts.</li></ul>
Central Station	<ul style="list-style-type: none"><li>Implementation of archaeological method statements, exhumation management plan and noise and vibration monitoring, as well as implementation of mitigation measures having regard to the demolition of the buildings, excavation and drilling of the Metro Station box and Olympic stairs work.</li></ul>
Sydney Metro	<ul style="list-style-type: none"><li>Business monitoring reporting to DPE as per CoA E64f.</li><li>Review and update of the Exhumation Management Plan.</li></ul>