

Stacy Warren  
Director Infrastructure  
Department of Planning and Environment  
GPO Box 39  
SYDNEY NSW 2001

7 September 2018

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

Dear Stacy

**RE: Sydney Metro City & South West Chatswood to Sydenham CSSI 15\_7400 – ER Monthly Report for August 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), and MOD 3\_Martin Place Metro Station (22 March 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 **August 2018** for Sydney Yard Access Bridge, Sydenham Station Junction, Central Station Works, Northern Corridor Works and Investigation Works.

Yours sincerely



Jo Robertson  
Environmental Representative

Cc: Fil Cerone, Matt Marrinan, Ben Armstrong, Stuart Hodgson, Adam Koutsamanis, Margarita Ognjanovic, Andrew Hendy, Simon Fisher,  
Cc: Swati Sharma, Rob Sherry, Kate Moore, Larry Weiss, Julie Dickson



| Summary of Contract Packages                                 |   | Environmental Representative/s   |
|--|---|----------------------------------|
| Sydney Yard Access Bridge (SYAB) (Early Works package)       |   | Annabelle 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 Reyes / Erran Woodward |
| Alternate for all packages                                   |   | Jo Robertson                     |
| Key Construction Activities                                  |   |                                  |
| Sydney Yard Access Bridge (SYAB)                             | ➤ SYAB Defect works   |                                  |
| Sydenham Station Junction (SSJ)                              | <p>The following minor works were undertaken:</p> <ul style="list-style-type: none"> <li>➤ Installation of safe work zones along Burrows Avenue and Bolton Street to prepare for the new station plaza</li> <li>➤ Installation of electrical and water services on the rail bridge structure above the entry road to Fraser Park</li> <li>➤ Location, inspection and installation of new services routes</li> <li>➤ Clearing of vegetation inside the rail corridor</li> <li>➤ Out of Hours Works <ul style="list-style-type: none"> <li>○ Plant and equipment will be delivered up until midnight</li> <li>○ Geotechnical investigations</li> <li>○ Installation of new signals, and over-head wiring, footings and structures</li> <li>○ Installation of new services under the railway line</li> <li>○ Installation of signal infrastructure</li> <li>○ Vegetation clearing inside the rail corridor</li> </ul> </li> </ul>  |                                  |
| Northern Corridor Works (NCW)                                | <p>The following works were conducted:</p> <ul style="list-style-type: none"> <li>➤ Installation of security fencing <ul style="list-style-type: none"> <li>○ Each weekend in August 2018 the following works were conducted: Installation between Brand Street and Mowbray Road on the western side is planned, between 7am-5pm each day.</li> </ul> </li> <li>➤ Drainage improvements between Brand and Drake streets: <ul style="list-style-type: none"> <li>○ Delivery of oversized equipment (between 10am-2pm) to the Drake Street site.</li> <li>○ Parking restrictions were in place Drake Street for safe manoeuvring.</li> <li>○ 13 August-7 September - Piling to prepare for excavation during standard work hours.</li> <li>○ 25-27 August - Piling to prepare for excavation 24-hours a day during the Sydney Trains rail maintenance weekend, when trains were not running.</li> </ul> </li> <li>➤ Ongoing corridor work between Waitara and Waverton stations: <ul style="list-style-type: none"> <li>○ Signalling and electrical upgrades including cable pulling and the installation of new overhead wiring, footings, steel structures (masts), and connecting booms on masts.</li> <li>○ Vegetation trimming or removal</li> </ul> </li> <li>➤ Out of hours work <ul style="list-style-type: none"> <li>○ 6-31 August – Drainage improvements and vegetation removal.</li> </ul> </li> </ul> |                                  |
| Central Station  | <p>The approval of CEMP and subplans by DPE was granted on 3 August 2018. Major construction commenced in early August 2018 with the closure of Platforms 13-14 and 15 to make way for construction of the new underground Sydney Metro platforms. Construction of the new stairs on Platforms 20-21 and Platforms 22-23 commenced in August with completion expected late December 2018.</p>   |                                  |



|                     |  |
|---------------------|--|
|                     | <p>The following construction works have commenced:</p> <ul style="list-style-type: none"> <li>➤ Central Station Precinct <ul style="list-style-type: none"> <li>○ Visual inspections within Central Station and on adjoining streets</li> <li>○ Identification of utilities using cameras, hand tools and survey equipment within Central Station and on adjoining streets.</li> </ul> </li> <li>➤ Platforms 10-11 &amp; 12 <ul style="list-style-type: none"> <li>○ Installation of footings along Platform 11</li> <li>○ Saw cutting sections of Platform 12 in preparation for installing canopy hoarding</li> <li>○ Saw cutting and installation of new overhead wiring structures on Platform 11</li> </ul> </li> <li>➤ Platforms 13, 14 &amp; 15 <ul style="list-style-type: none"> <li>○ Erection of temporary fencing and closed access to Platforms 13-14 and 15</li> <li>○ Stripping of Platforms 14-15</li> <li>○ Removal of railway tracks and overheads on Platform 15</li> <li>○ Relocation of furniture on closed platforms</li> </ul> </li> <li>➤ Platforms 20-21 and 22-23 <ul style="list-style-type: none"> <li>○ Drilling within the hoarded areas to prepare for the new stairs to be installed (customer access maintained)</li> </ul> </li> <li>➤ Sydney Yard <ul style="list-style-type: none"> <li>○ Removal of vegetation</li> <li>○ Installation of temporary site office, services, overhead wiring structures and new fencing</li> </ul> </li> </ul> |
| Investigation Works | Nil  |

| ER Inspections      |  |
|---------------------|--|
| SYAB                | No more inspection. SYAB construction is completed.  |
| SSJ                 | Nil  |
| NCW                 | Nil  |
| Central Station     | <p>There were two ER inspection conducted in August 2018. The DPE Compliance Officer attended the inspection on 08/08/2018.</p> <p>ER Inspection reports have been prepared and issued to Sydney Metro and the CSMW Contractor. Actions identified during the inspections comprised:</p> <ul style="list-style-type: none"> <li>• CSMW ER Inspection 03 – 08/08/2018 – erosion and sedimentation controls, and reduction of speed (from 20 kph to 10 kph) at SYAB to reduce noise.</li> <li>• CSMW ER Inspection 04 -22/08/2018 – no issues observed during this inspection.</li> </ul> <p>Various notes were made in the reports reflecting commitments made by the Laing O’Rourke.</p> |
| Investigation Works | Nil  |



| Endorsed Document/s |   |
|---------------------|---|
| SYAB                | Nil   |
| SSJ                 | <p>The following documents were reviewed and endorsed by the ER:</p> <ul style="list-style-type: none"> <li>➤ Consistency Assessment Sydney Water Laydown Area (Carrington Road) Rev 1</li> <li>➤ Draft Pre-construction Compliance Report (Rev 3)</li> <li>➤ Tree Impact Assessment Report - Rail Corridor - Rev 3</li> <li>➤ SSJ Revised Tree Assessment Report for the rail corridor Rev 3</li> <li>➤ CNVIS Rev C</li> <li>➤ SMCSW1SSJ - CTMP Rev 3 ER Endorsement</li> <li>➤ SSJ Minor Works WE10</li> <li>➤ Updated HIP, including treatment of conditional ER endorsement of the 2017 HIP.</li> <li>➤ Pre-Construction Compliance Report - Appendix A - SSJ</li> </ul> <p>The following documents were reviewed only:</p> <ul style="list-style-type: none"> <li>➤ Interchange Access Plan for SSJ</li> </ul> |
| NCW                 | <p>The following documents were reviewed and endorsed by the ER:</p> <ul style="list-style-type: none"> <li>➤ Tree Report Revision 000 - NCW works</li> <li>➤ Tree Impact Assessment Report Revision 01- NCW Portion</li> <li>➤ NCW Portion 7 ECM Laydown Areas</li> <li>➤ NCW OOHW 016- NCW Fencing Works</li> </ul> <p>The following documents were reviewed only:</p> <ul style="list-style-type: none"> <li>➤ OOHWA 017 - MW12 (Rev 01)</li> </ul>  |
| Central Station     | <p>The following documents were reviewed and endorsed by the ER:</p> <ul style="list-style-type: none"> <li>➤ Hi-Rail Access George Street, The Rocks - Addendum to CSMW 06 Consistency Assessment Access Points and Laydown Area</li> <li>➤ OOHW 007 WE09-WE11</li> <li>➤ OOHW 008 WE11 to WE24</li> <li>➤ OOHW WK06-WK08 OOHW Application 006_100818</li> <li>➤ Pre-Construction Compliance Report - Appendix A - CSMW</li> <li>➤ CSMW Business Management Plan Rev 2 and Rev 3</li> <li>➤ CSMW CTMP Rev 4 Endorsed with condition</li> </ul> <p>The following documents were reviewed only:</p> <ul style="list-style-type: none"> <li>➤ Sustainability Management Plan</li> <li>➤ Pollution Incident Response Management Plan</li> <li>➤ CTMP Rev 4 - confirmation of endorsement conditions</li> </ul>         |
| Investigation Works | Nil   |



| <b>Non-compliance/ Incidents or Repeat Complaints</b> |   |
|---|---|
| SYAB  | Nil   |
| SSJ   | Nil   |
| NCW   | Nil   |
| Central Station                                       | <p>There were two minor oil spill incidents occurred on the following dates:</p> <ul style="list-style-type: none"> <li>➤ 26 August 2018 at South of Platform 16 on Track 16.<br/>During backfilling of an excavation, a hose of a whacker packer broke causing a minor oil spill on the ballast. The machine was immediately shut down and decommissioned. Biodynamic absorbent material from the on-site spill kit was utilised to soak up the spill.</li> <li>➤ 09 August 2018 at Sydney Yard adjacent to the rolling stock building.<br/>During footing excavation for new overhead wiring structures, a hydraulic hose of a 6t excavator broke, causing hydraulic oil to spill onto the hardstand area. The machine was immediately shut down. The leak was contained within the footprint of the excavator tracks. Biodynamic absorbent material from the on-site spill kit was utilised to soak up the spill. Additional spill mats were placed on top of the absorbent material to ensure any drips from the excavator undercarriage were collected.</li> </ul> |
| Investigation Works                                   | Nil   |

| <b>Audits</b>       |     |
|---------------------|-----|
| SYAB                | Nil |
| SSJ                 | Nil |
| NCW                 | Nil |
| Central Station     | Nil |
| Investigation Works | Nil |

| <b>Looking Forward</b> |  |
|------------------------|--|
| SYAB                   | <p>Core Focus Areas for the coming month are:</p> <ul style="list-style-type: none"> <li>➤ Compliance Tracking Review (Q2 2018) evidence close out of conditions relevant to SYAB (as per the staging report)</li> </ul>   |
| SSJ                    | <p>Core Focus Areas for the coming month are:</p> <ul style="list-style-type: none"> <li>➤ Demolition of the heritage building on Platform 6, implementation of heritage mitigation measures.</li> <li>➤ Site establishment and setting up of site compound at Fraser, implementation of the ancillary facility management plan.</li> <li>➤ Clearing of vegetation inside the rail corridor, implementation of the tree impact assessment report.</li> </ul> |
| NCW                    | <p>Core Focus Areas for the coming month are:</p> <ul style="list-style-type: none"> <li>➤ Out of hours works – cumulative noise</li> <li>➤ Clearing of vegetation inside the rail corridor, implementation of the tree impact assessment report.</li> </ul>   |
| Central Station        | <p>Core Focus Areas for the coming month are:</p> <ul style="list-style-type: none"> <li>➤ Implementation of heritage management plan in particular for the demolishing of Platforms 14-15.</li> <li>➤ Implementation of archaeological method statements and noise and vibration monitoring, as well as implementation of mitigation measures having regard to the excavation and drilling of the Metro Station box and Olympic stairs work.</li> </ul>     |
| Sydney Metro           | Sydney Metro Compliance tracking review on retained obligations.   |
| <b>Other</b>           |  |
| Nil                    |  |