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

04 June 2019

Ref: 170108-ER-DPE-May 19-SSJ CS NCW IW LW S2B

Dear Erica

**RE: Sydney Metro City & South West Chatswood to Sydenham CSSI 15\_7400 – ER Monthly Report for May 2019 – SYAB, CS, NCW, SSJ, Investigation works, 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), MOD 3\_Martin Place Metro Station (22 March 2018), MOD 5\_Blues Point Acoustic Shed (2 November 2018) and MOD 6\_Administrative Changes (21 February 2019);
- Condition A26(j) of the Sydney Metro Sydenham to Bankstown Upgrade SSI\_8256 Approval (12 December 2018); and

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 **May 2019** for Sydney Yard Access Bridge, Sydenham Station Junction, Central Station Works, Northern Corridor Works, and Investigation 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,  
DPE Cc: Elizabeth Williamson, Kate Moore, Alice Pryke  
IEP Cc: Larry Weiss, Julie Dickson



Summary of Contract Packages		Environmental Representative/s
Sydney Yard Access Bridge (SYAB)		Jo Robertson
Sydenham Station Junction (SSJ)		Alberto Paludetto
Central Station		Alberto Paludetto
Investigation Works		Jo Robertson
Northern Corridor (NCW)		Peter Hatton
Sydenham to Bankstown Sydney Metro Early Works (SMEW was S2B)		Jo Robertson
Line Wide (Tallawong to Bankstown)		Peter Hatton
Key Construction Activities		
Sydney Yard Access Bridge (SYAB)	<ul style="list-style-type: none"> <li>▪ Construction works completed in May 2018.</li> <li>▪ Final Compliance Report completed May 2019.</li> </ul>	
Sydenham Station Junction (SSJ)	<ul style="list-style-type: none"> <li>▪ Grout injection plant operation and auger piling.</li> <li>▪ Concrete pouring for piles is ongoing adjacent Fraser Park compound.</li> <li>▪ CSR underbore works completed. CSR excavation works ongoing.</li> <li>▪ Communications pit and conduit installation.</li> <li>▪ Construction of headstocks within Sydenham Station footprint.</li> <li>▪ Construction of new stairs for new Concourse entry and Station platform reinstatement.</li> <li>▪ 11 Sydenham Road - Slab removal and asbestos and lead management.</li> <li>▪ Construction of the support columns for aqueduct at the Sydenham Pumping station.</li> <li>▪ Materials stockpile management and stabilisation</li> <li>▪ Drainage installation within rail corridor.</li> </ul>	
Northern Corridor Works (NCW)	<ul style="list-style-type: none"> <li>▪ Overhead wiring overlap works.</li> <li>▪ Cess drainage.</li> <li>▪ Signal construction.</li> <li>▪ Dry track build (ballast, rail and sleepers).</li> <li>▪ Nelson Street pier demolition.</li> <li>▪ Combined service routes and Signal base construction.</li> <li>▪ Brand Street crossing investigation works.</li> </ul>	
Central Station	<ul style="list-style-type: none"> <li>▪ Installation of Hebel noise wall facing Platform 16.</li> <li>▪ Blinding layer construction at the northern end of the Metro Box is ongoing as is formwork, reinforcing and concrete pouring works.</li> <li>▪ Archaeological testing and clearance is ongoing with the relevant permits in place.</li> <li>▪ Piling with continuous flight auger drilling rigs was ongoing but is now complete.</li> <li>▪ Contamination investigations are ongoing.</li> <li>▪ Excavation ,segregation,stockpiling and testing of of materials is ongoing.</li> <li>▪ Concrete recycling with steel and masonry recovery continues.</li> <li>▪ Demolition of stairs from the upper Northern Concourse area to the lower Concourse.</li> <li>▪ Hoarding facing Chalmers St was established</li> <li>▪ Bounce Hotel soft strip has commenced.</li> </ul>	
Investigation Works	<ul style="list-style-type: none"> <li>▪ Nil</li> </ul>	
SMEW	<ul style="list-style-type: none"> <li>▪ Early investigation works (low impact work) including survey, bridge inspections and site investigations.</li> </ul>	
Line Wide	<ul style="list-style-type: none"> <li>▪ Nil</li> </ul>	



<b>ER Inspections</b>	
SYAB	No more inspections required. SYAB is now in operation.
SSJ	There were three inspections conducted by the ER in May 2019. Issues identified during inspections included mud tracking from works areas onto public roads, concrete washout management and dust suppression. The ER Inspection reports were prepared and issued to Sydney Metro and the SSJ Contractor, the John Holland Laing O'Rourke Joint Venture (JHLORJV).
NCW	There were no ER inspections required in May 2019. Next inspection scheduled for 22 June
Central Station	There were three ER inspections conducted in May 2019 Significant archaeological investigation works are ongoing under permit on a portion of the site. Contamination site investigations and materials classification were ongoing through the period. 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	No inspections were required in May 2019.
SMEW	No inspections were required in May 2019.
Line Wide	No inspections were required in May 2019.
<b>Endorsed Document/s</b>	
SYAB	▪ Nil
SSJ	▪ Nil
NCW	▪ Nil
Central Station	▪ Nil
Investigation Works	▪ Nil
SMEW	<ul style="list-style-type: none"> <li>▪ OOHW-005 Survey Works and Site Inspection</li> <li>▪ SSJ1A1B-PCMW-014 T1C Belmore and Lakemba Rev 1</li> <li>▪ SSJT1A1B-OOHW-007 Tranche1C survey</li> <li>▪ Community Communications Strategy - SSJ and SMEW</li> <li>▪ Business Management Plan - SSJ and SMEW</li> <li>▪ Construction Soil and Water Management Plan Rev 1</li> <li>▪ Utilities Management Strategy Plan Rev 3</li> <li>▪ SSJT1B - OOHWApp008 - Survey Work Sydenham to Campsie</li> </ul>
Line Wide	▪ Nil
<b>Non-compliance/ Incidents or Repeat Complaints</b>	
Sydney Metro has been providing summaries of complaints to 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 the repective projects.	
SYAB	Nil
SSJ	Incidents and complaints for this site during the period included: <ul style="list-style-type: none"> <li>▪ A minor concrete waste spill incident on site.</li> <li>▪ External vehicle access issue due to trucks blocking adjacent access points.</li> <li>▪ Noisy night works, and a resident's site security gate being left open.</li> </ul>
NCW	A number of complaints were made in association with the NCW Portion 7A works regarding noise and vibration, and traffic management.
Central Station	No incident reports were issued in reporting period. A number of complaints were received including the following: <ul style="list-style-type: none"> <li>▪ Complaints about dust and noise emissions from platform works. Additional controls reported by the Contractor included the use of noise blankets and dust suppression measures.</li> <li>▪ Night time construction noise, which investigation showed was not related to LOR activities, rather cumulative impacts from nearby works.</li> <li>▪ Movement of closed hazardous waste transport bins through public areas. The project team confirmed that hazardous materials and soil removal are undertaken by licensed contractors. Air monitoring is in place during removal. Results to date are below any detectable limits. Work is managed with controls to prevent any exposure. Contractor is working closely with</li> </ul>



	station staff to manage any materials movements through the station.
Investigation Works	Nil
SMEW	No incident reports were issued in reporting period. A repeat complaint in relation to service location works (potholing) was received. The project confirmed that notification had occurred and also undertook noise monitoring that demonstrated compliance.
Line Wide	Nil
<b>Audits</b>	
SYAB	Nil
SSJ	Nil.
NCW	Nil
Central Station	Nil
Investigation Works	Nil
SMEW	Nil
Line Wide	Nil
<b>Looking Forward – Core Focus Areas</b>	
Sydney Metro	<ul style="list-style-type: none"> <li>▪ Staging report for the SMEW (as the first stage in S2B), and also Line Wide.</li> </ul>
SYAB	<ul style="list-style-type: none"> <li>▪ Nil- package complete – this will be removed from the next DPE report.</li> </ul>
SSJ	<ul style="list-style-type: none"> <li>▪ Continuing scaffold construction for aqueduct with Sydenham Drainage Pit.</li> <li>▪ Investigation beneath slab at 11 Sydenham Rd Marrickville</li> <li>▪ New EPL to be issued for SSJ, post demolition at 11 Sydenham Rd Marrickville</li> <li>▪ Flood management and the flood report compliance.</li> <li>▪ Station Design and Precinct Plan development and submission.</li> <li>▪ HV works within project and from Gleeson Ave to the Project, taking place through OOHW protocol.</li> <li>▪ Drainage works at Sydenham station.</li> </ul>
NCW	<ul style="list-style-type: none"> <li>▪ Management of noise and vibration during possession works.</li> </ul>
Central Station	<ul style="list-style-type: none"> <li>▪ Noise and vibration monitoring.</li> <li>▪ Dust management.</li> <li>▪ Update of archaeological method statement (AMS), and implementation of archaeological method statements and exhumation management plan.</li> <li>▪ Road use changes and closures at Randle Street and nearby streets east of Central Station.</li> <li>▪ Cumulative impacts from contemporaneous projects</li> <li>▪ Bounce Hotel strip out and demolition.</li> <li>▪ Station Design and Precinct Plan development and submission.</li> <li>▪ Development of the Heritage Interpretation Plan.</li> <li>▪ Update to Heritage Register for Northern Concourse deconstruction and heritage asset recovery.</li> <li>▪ Hazardous materials removal to the Eastern Suburbs Rail Concourse and within ghost platforms.</li> </ul>
SMEW	<ul style="list-style-type: none"> <li>▪ Early investigations.</li> <li>▪ Pre commencement approval documentation reviews.</li> <li>▪ Approval of low impact OOHW under the OOHW Protocol.</li> </ul>
Line Wide	<ul style="list-style-type: none"> <li>▪ Planning for early investigations.</li> <li>▪ Strategy for delivery of multiple approvals.</li> <li>▪ Input to pre commencement approval documentation.</li> </ul>