

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

5 April 2019

Ref: 170108-ER-DPE-Mar 19-SSJ CS NCW IW

Dear Erica

RE: Sydney Metro City & South West Chatswood to Sydenham CSSI 15_7400 – ER Monthly Report for March 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 **March 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) (Early Works package)		Jo Robertson
Sydenham Station Junction (SSJ) (Early works and Main works)		Alberto Paludetto
Central Station (Early Works and Main Works)		Alberto Paludetto
Investigation Works		Jo Robertson
Northern Corridor (NCW) (Early Works package)		Jo Robertson (will be Peter Hatton once approved)
Sydenham to Bankstown (S2B)		Jo Robertson
Key Construction Activities		
Sydney Yard Access Bridge (SYAB)	<ul style="list-style-type: none"> ▪ Construction works completed in May 2018. ▪ Final Compliance Report underway. 	
Sydenham Station Junction (SSJ)	<ul style="list-style-type: none"> ▪ Site office operations. ▪ Combined Services Routes (CSR) works ▪ Stockpiling activities. ▪ Excavation and formwork ▪ Strip out of site buildings ongoing ▪ Site office operations. ▪ CSR Works, stockpiling. ▪ Stockpiling activities. ▪ Utility services searches. ▪ Strip out of site buildings ongoing; additional asbestos removal continuing. ▪ Tree removal. ▪ Construction of the support columns for aqueduct at the Sydenham Pumping station has commenced. 	
Northern Corridor Works (NCW)	<ul style="list-style-type: none"> ▪ OSD and spillway construction works; ▪ HV feeder relocations between Drake Street and Brand Street; ▪ Nelson Street bridge removal preparation; ▪ OSD and spillway construction works preparation; ▪ Installation of sleepers, guard and running rail preparation works; ▪ Signalling and communication cable relocations; ▪ Material and plant deliveries prior to WE38 works; and ▪ GST install 	
Central Station	<ul style="list-style-type: none"> ▪ Piling works, capping beam works, pile cropping. ▪ Hoarding in Platform 12 has been installed. Access to site is through Platform 12. ▪ Archaeological investigation of crypt in northern area completed and backfilled. ▪ Investigation of workshop walls and foundations, along with exploration to identify turntable location has been completed. ▪ Aboriginal heritage investigation will continue with push tubes sampling in southern area now backfilled. ▪ Ongoing piling with continuous flight auger drilling rigs ▪ Drainage pits have been installed, however heritage significance of workshop walls under assessment and will determine final drainage line alignments in southern area ▪ Concrete works on haul road, excavated materials stockpiling during visit. ▪ Site offices were in operation. ▪ Olympic Stairs works (Platform 20 and 22) has been completed, hoardings and screens removed. Stairs are now in operation. 	



	<ul style="list-style-type: none"> ▪ Piling, capping beam construction. ▪ Excavation of Metro Box has commenced at northern end, with excavation to blinding layer depth. ▪ Excavated materials stockpiled on site, is being progressively transported off site during visit.
Investigation Works	<ul style="list-style-type: none"> ▪ Nil
S2B	<ul style="list-style-type: none"> ▪ Early investigation works (low impact work)

ER Inspections	
SYAB	No more inspections required. SYAB is now in operation.
SSJ	There were two inspections conducted by the ER in March 2019. Issues identified during inspections included erosion and sedimentation controls, heritage material management, building demolition, asbestos removal, and site preparation for and management of rainfall events. 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 was one ER inspection conducted in March 2019. Issues identified during this inspection included excavator not fitted with non-tonal reversing beeper; and sediment run-off from wheel wash at Drake Street entrance.
Central Station	There were two ER inspections conducted in March 2019. Issues identified during the inspections included investigation of expected heritage structures and remnant contamination historically associated with a heritage structures, heritage management and archaeology, implementation of noise and vibration mitigation measures and traffic 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	No inspections were required in March 2019.
S2B	No inspections were required in March 2019.
Endorsed Document/s	
SYAB	<ul style="list-style-type: none"> ▪ Nil
SSJ	<ul style="list-style-type: none"> ▪ Nil
NCW	<ul style="list-style-type: none"> ▪ CSW Out of Hours Work Application 027 Rev04. ▪ 7A.&7B Construction Traffic Management Plan Rev04
Central Station	<ul style="list-style-type: none"> ▪ Nil
Investigation Works	<ul style="list-style-type: none"> ▪ 20190308 OOHW46 Crows Nest Trenching
S2B	<ul style="list-style-type: none"> ▪ SM ES-PW-317 City Southwest Out of Hours Work Strategy Protocol Rev 4 (modified to include the requirements of the new S2B approval with the existing Chatswood to Sydenham (C2S) OOHW protocol.



Non-compliance/ Incidents or Repeat Complaints	
SYAB	Nil
SSJ	Environmental Incident Report 32642 was raised during the ER inspection of 21/03/19. Dirty water was observed to be exiting the site into Sydney Trains owned land and drainage system.. ERSED controls were immediately upgraded with source materials covered and additional sediment controls installed at the drainage points.
NCW	It is understood that Sydney Metro has been providing summaries of complaints to DPE daily. A number of complaints were made in association with the NCW Portion 7A works regarding noise and vibration, and traffic management. Responses to each complaint have been noted in each complaint report, with follow up actions defined in revised reports.
Central Station	There were two complaints raised in March 2019, regarding construction activities at CSMW. One related to closure of a pedestrian access which was approved to occur earlier than allowed due to rain. Closure signage is to be more prominently displayed. The second complaint arose due to business viability impacts from Bounce Hotel closure and subsequent loss of customers to a small business near the Station. Small Business support discussions have commenced.
Investigation Works	Nil
S2B	Nil

Audits	
SYAB	Nil
SSJ	Nil
NCW	An Independent Environmental Audit Report - Noise Management was conducted for the NCW works. This report has been submitted to DPE.
Central Station	The ER attended the Independent Environmental Audit Heritage Management Audit at CSMW on 26/3/19. The final report will be submitted as required under the MCoA by SM/IEA.
Investigation Works	Nil
S2B	Nil

Looking Forward – Core Focus Areas	
SYAB	<ul style="list-style-type: none"> ▪ Completion of compliance reporting.
SSJ	<ul style="list-style-type: none"> ▪ Continuing scaffold construction for aqueduct with Sydenham Drainage Pit. ▪ Continuing demolition at 11 Sydenham Rd Marrickville. ▪ Flood management and the flood report. ▪ Station Design and Precinct Plan development and submission. ▪ HV works within project and from Gleeson Ave to the Project, taking place through OOHV protocol.
NCW	<ul style="list-style-type: none"> ▪ Management of noise and vibration during possession works.
Central Station	<ul style="list-style-type: none"> ▪ Noise and vibration monitoring as well as implementation of mitigation measures during the demolition of the buildings, the excavation and drilling of the Metro Station box, and then the construction of the shed over the excavation and Olympic stairs work. ▪ Noise and vibration mitigation, monitoring for 24-hour use of SYAB. ▪ Interface management with the New Intercity Fleet Project undertaking platform extensions on Platform 3 to 11. ▪ Dust management. ▪ Update of archaeological method statement (AMS), and implementation of archaeological method statements and exhumation management plan. ▪ Road use changes and closures at Randle Street and nearby streets east of Central Station. ▪ Stockpile management. ▪ Noise mitigation of the trucks for deliveries and stockpile hauling. ▪ Station Design and Precinct Plan development and submission ▪ Update to Heritage Register .



	<ul style="list-style-type: none">▪ Archaeological investigation of Crypt 2 with Metro Box.▪ Archaeological investigation of potential heritage structure and extent of nearby contamination, in southern section of Metro Box.▪ Ring beam construction, piling program completion and blinding layer construction within Metro Box.
S2B	<ul style="list-style-type: none">▪ Early investigations▪ Pre commencement approval documentation
Sydney Metro	<ul style="list-style-type: none">▪ Updated staging report to include S2B