

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

27 May 2019

Ref: 170108-ER-DPE-Apr 19-SSJ CS NCW IW R1

Dear Erica

RE: Sydney Metro City & South West Chatswood to Sydenham CSSI 15_7400 – ER Monthly Report for April 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 **April 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"> ▪ Construction works completed in May 2018. ▪ Final Compliance Report underway. 	
Sydenham Station Junction (SSJ)	<ul style="list-style-type: none"> ▪ Combined Service Route construction ▪ Stockpiling activities at Bolton St site and subsequent offsite disposal. ▪ Construction of headstocks within footprint. Contraflow traffic management in operation, to support construction activities and materials delivery ▪ Strip out of 11 Sydenham Road Marrickville buildings ongoing; additional asbestos removal, lead paint removal continuing. ▪ Construction of the support columns for aqueduct at the Sydenham Pumping station has continued. ▪ WE42 possession works ▪ Piling and grout injection, for Fraser Park retaining wall 	
Northern Corridor Works (NCW)	<ul style="list-style-type: none"> ▪ 11/33 power cutover; ▪ Overhead wiring overlap works; ▪ Cess drainage; ▪ Signal construction; ▪ Dry track build (ballast, rail and sleepers); ▪ Nelson Street pier demolition; ▪ Combined service routes and Signal base construction; and ▪ Brand Street crossing investigation works. 	
Central Station	<ul style="list-style-type: none"> ▪ The SYAB Bridge is in operation for use by heavy transport vehicles. ▪ Piling with continuous flight auger drilling rigs, and pile cropping is ongoing ▪ Excavation at the northern end of the Metro Box is ongoing, with a blinding layer construction completed. ▪ Archaeological excavations. ▪ Site and soil classifications ongoing. ▪ Ring beam installation. ▪ Northern Concourse works including, decommissioning of stairs, provision of alternate access to lower levels. ▪ Eastern Suburbs Rail Concourse and Ghost Platforms hazardous materials removal . ▪ Plunge columns in southern area of Metro box 	
Investigation Works	<ul style="list-style-type: none"> ▪ Nil 	
SMEW	<ul style="list-style-type: none"> ▪ Early investigation works (low impact work) including survey, bridge inspections and site investigations. 	
Line Wide	<ul style="list-style-type: none"> ▪ Nil 	



ER Inspections	
SYAB	No more inspections required. SYAB is now in operation.
SSJ	There were two inspections conducted by the ER in April 2019. Issues identified during inspections included erosion and sedimentation controls, compliance to water quality discharge process. Managing water inflow to Bolton St laydown from outside the project, contaminated building debris stabilisation. 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 April 2019.
Central Station	There were two ER inspections conducted in April 2019. Issues identified during the inspections included improvements in temporary site water management processes prior to the installation of a dedicated water treatment plant. 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 April 2019.
SMEW	No inspections were required in April 2019.
Line Wide	No inspections were required in April 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"> ▪ Construction Ancillary Facilities Management Plan (Rev 08)
Central Station	<ul style="list-style-type: none"> ▪ Nil
Investigation Works	<ul style="list-style-type: none"> ▪ Nil
SMEW	<ul style="list-style-type: none"> ▪ General Site Wide Minor Works Approval ▪ OOHW Application for Survey Work 15-19th April
Line Wide	<ul style="list-style-type: none"> ▪ Nil
Non-compliance/ Incidents or Repeat Complaints	
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 a minor hydraulic oil spill on site; and potential vibration impacts on commercial premises during demolition at 11 Sydenham Road Marrickville. Vibration monitoring has been undertaken demonstrating compliance well levels well below the 7.5mm/s threshold.
NCW	A number of complaints were made in association with the NCW Portion 7A works regarding noise and vibration, and traffic management.
Central Station	<p>Of note:</p> <ul style="list-style-type: none"> ▪ A business adjacent to the Bounce Hotel expressed concerns about business viability and subsequent loss of customers with the Hotel closing. Small business support discussions with this business are ongoing. ▪ A different business owner was unhappy with initial traffic controller diverting pedestrian traffic towards business location. The pedestrian traffic flow was altered. ▪ Sydney Trains noted the location of an elevated working platform was interfering with commuter flows. The EWP was relocated.
Investigation Works	Nil
SMEW	There was a noise complaint from low impact geotechnical work at Campsie Station during standard construction hours. Work ceased before noise monitoring could be undertaken. Noise monitoring was undertaken subsequently when work resumed demonstrating compliance.
Line Wide	Nil



Audits	
SYAB	Nil
SSJ	Nil. Note that the SSJ JV is currently preparing an updated internal audit program (separate to the Independent Environmental Audit program required by Planning Approval Condition A37).
NCW	Nil
Central Station	Nil
Investigation Works	Nil
SMEW	Nil
Line Wide	Nil
Looking Forward – Core Focus Areas	
Sydney Metro	<ul style="list-style-type: none"> ▪ Staging report for the SMEW (as the first stage in S2B), and also Line Wide.
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. ▪ Investigation beneath slab at 11 Sydenham Rd Marrickville ▪ New EPL to be issued for SSJ, post demolition at 11 Sydenham Rd Marrickville ▪ Flood management and the flood report compliance. ▪ Station Design and Precinct Plan development and submission. ▪ HV works within project and from Gleeson Ave to the Project, taking place through OOHW protocol. ▪ Drainage works at Sydenham station.
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. ▪ 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. ▪ Bounce Hotel strip out and demolition. ▪ Station Design and Precinct Plan development and submission. ▪ Development of the Heritage Interpretation Plan. ▪ Update to Heritage Register for Northern Concourse deconstruction and heritage asset recovery. ▪ Hazardous materials removal to the Eastern Suburbs Rail Concourse and within ghost platforms.
SMEW	<ul style="list-style-type: none"> ▪ Early investigations. ▪ Pre commencement approval documentation reviews. ▪ Approval of low impact OOHW under the OOHW Protocol. ▪ Updates to the Construction Traffic Management Framework.
Line Wide	<ul style="list-style-type: none"> ▪ Planning for early investigations. ▪ Strategy for delivery of multiple approvals. ▪ Input to pre commencement approval documentation.