

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

3 July 2019

Ref: 170108-ER-DPE-Jun19-SSJ CS NCW IW LW S2B

Dear Erica

RE: Sydney Metro City & South West Chatswood to Sydenham CSSI 15_7400 – ER Monthly Report for June 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 **June 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
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)	Jo Robertson
Line Wide (Tallawong to Bankstown)	Peter Hatton
Key Construction Activities	
Sydenham Station Junction (SSJ)	<ul style="list-style-type: none"> ▪ Pile construction for the retaining wall adjacent to Fraser Park. ▪ Bolton St Laydown Area now closed to return to Sydney Trains control. ▪ Removal of fill with asbestos fragments found under slab has been completed at 11 Sydenham Road Marrickville. ▪ Formwork on steel structures for aqueduct support is under construction. ▪ Communications pits and conduits are being installed in Geotechnical Office area. ▪ At Bedwin Rd drainage installation within rail corridor is ongoing. ▪ Canal under-bridge construction in CSR area adjacent Fraser Park ▪ Installation of under line crossing (ULX) cables. ▪ Formwork stripped, concrete pours completed within Sydenham Station Platforms 1-2 in preparation for precast concrete section installation for new Concourse. ▪ New ballast was placed on site to stabilize the area and minimize mud tracking.
Northern Corridor Works (NCW)	<ul style="list-style-type: none"> ▪ OOHW works. ▪ Noise wall construction. ▪ Cess and drainage Works including drainage UXL and concrete pipe encasement. ▪ Demolition of Nelson Street Pier 1 and footing. ▪ Combined services routes works . ▪ Ground services troughing (GST) construction (signals and communications). ▪ Track construction works .
Central Station	<ul style="list-style-type: none"> ▪ Construction at the northern end of the Metro Box is ongoing. ▪ Excavated materials stockpiling, waste classification sampling, and off site transport of material with truck and dog trucks as relevant. ▪ Archaeological testing and clearance is ongoing at multiple locations across the site. ▪ Excavation in the vicinity of a potential former gasworks site. ▪ Demolition of stairs has continued in upper Northern Concourse area to the lower Concourse. ▪ Installation of hoardings for internal construction. Station wayfinding implemented. ▪ Soft strip has continued at Bounce Hotel and the rear of the Bounce Hotel has been opened with structural support installation in readiness for demolition. ▪ Installation of reinforcements, in preparation of formwork and concrete pour for the capping beam in the Sydney Yard. ▪ Construction of new secant piles to support the Devonshire Street Tunnel. ▪ Operation of temporary vehicle wheel wash before the SYAB access point.
Investigation Works	<ul style="list-style-type: none"> ▪ Nil
SMEW	<ul style="list-style-type: none"> ▪ Early investigation works (low impact work) including: <ul style="list-style-type: none"> ○ After hours deliveries. ○ Survey works of stations and bridges (3D scanning and service locating). ○ Structural bridge inspections. ○ Investigations at stations (including foundation test pits and geotechnical investigation of platform). ○ Service searching (non destructive digging). ○ Corridor geotechnical investigations. ○ Installation of combined services route (low impact works only).
Line Wide	<ul style="list-style-type: none"> ▪ Nil



ER Inspections	
SSJ	There were two inspections conducted by the ER in June 2019. Issues identified during inspections involved maintenance of erosion and sediment controls. 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 June 2019. Issues identified during inspections included mud tracking from works areas onto roads and sediment control.
Central Station	There were two ER inspections conducted in June 2019. Aspects noted included ongoing archaeological investigation works under permit and reinstatement of erosion controls following recent rainfall. 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 June 2019.
SMEW	No inspections were required in June 2019. It was noted that surveillance was conducted by Sydney Metro during the recent weekend 51 possession with no environmental issues raised.
Line Wide	No inspections were required in June 2019.
Endorsed Document/s	
SSJ	<ul style="list-style-type: none"> ▪ Nil
NCW	<ul style="list-style-type: none"> ▪ Nil
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"> ▪ Tree Impact Assessment Report Rev 01. ▪ Construction Heritage Management Plan Rev 02. ▪ Construction Noise and Vibration Management Plan Rev 02. ▪ Construction Soil and Water Management Plan Rev 2.2 (updated letter of endorsement). ▪ PCMW 007 Invasive Minor Works within Archaeological Management zones (AMZs) Rev 01. ▪ PCMW-011 Specific Minor Works Rev 02. ▪ PCMW_013 - General Non-Invasive Works in AMZs Rev 02. ▪ OOHW Application 007 - WE51 Possession for review (multiple revisions).
Line Wide	<ul style="list-style-type: none"> ▪ Construction Environmental Management Plan (CEMP), Revision 00, 12 June 2019
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 repetitive projects.	
SSJ	No incidents or non conformances were identified in reporting period. A complaint regarding nearby jackhammering causing vibration to office building was recorded and resolved. A complaint was also received on 21 June regarding the lack of traffic control and obstruction of access to business car parking.
NCW	<p>A number of complaints were made in association with the NCW Portion 7A works regarding noise and vibration, and traffic management.</p> <p>Unauthorised discharge of 40,000-100,000 litres of water occurred associated with the partially constructed on site detention (OSD) structure between 24 and 26 June. An incident report has been raised. Initial reporting from the Contractor states "Water quality results from the sampling forms the view that there has been minimal impact to the environment" and that " the incident has not caused or threatened material harm to the environment". Investigation is ongoing.</p>
Central Station	No incidents or non conformances were issued in reporting period. A number of complaints were received regarding effective communication of feedback and complaints, mud tracking on roads, worker behaviour, and access delays at car park entrance due to deliveries to site.
Investigation Works	No incidents, non compliances or complaints. (No works).
SMEW	No incidents or non conformances were identified in reporting period. A dust complaint received



	on 21 June was investigated and discussed with the complainant however the cause was determined to be non project related. A littering complaint was received on the 18 June. Contact was made with the work crew involved to clean up the litter. This action was completed.
Line Wide	No incidents, non compliances or complaints.

Audits	
SSJ	No ER involvement in audit activity. No Independent Environmental Audits (IEA program).
NCW	No ER involvement in audit activity. No Independent Environmental Audits (IEA program).
Central Station	No ER involvement in audit activity. No Independent Environmental Audits (IEA program).
Investigation Works	Not applicable
SMEW	No ER involvement in audit activity. No Independent Environmental Audits (IEA program).
Line Wide	No ER involvement in audit activity. No Independent Environmental Audits (IEA program).
Looking Forward – Core Focus Areas	
Sydney Metro	<ul style="list-style-type: none"> ▪ Compliance review for Q1 and Q2 for 2019.
SSJ	<ul style="list-style-type: none"> ▪ Flood management and the flood report compliance. ▪ Construction of new ramp, access platform and pump house update at Sydenham Pit. ▪ Protection and relocation of sewer and water utilities.
NCW	<ul style="list-style-type: none"> ▪ Management of noise and vibration during possession works. ▪ Management of sediment movement and mud-tracking off-site. ▪ Management of project vehicle parking.
Central Station	<ul style="list-style-type: none"> ▪ 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. ▪ Cumulative impacts from contemporaneous projects. ▪ Bounce Hotel demolition. ▪ Development of the Heritage Interpretation Plan.
SMEW	<ul style="list-style-type: none"> ▪ Early investigations. ▪ Consideration of planning frameworks approvals and consultation required as part of works planning for linear works that may potentially impact threatened species. ▪ Pre commencement approval documentation reviews. ▪ Approval of low impact OOHW under the OOHW Protocol. ▪ Works conducted during possession under the Sydney Trains Environmental Protection licence (EPL).
Line Wide	<ul style="list-style-type: none"> ▪ Planning for early investigations. ▪ Strategy for delivery of multiple approvals. ▪ Endorsement of early works and OOHW applications ▪ Input and endorsement as required to pre commencement approval documentation.