

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

7 March 2019

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

Dear Erica

RE: Sydney Metro City & South West Chatswood to Sydenham CSSI 15_7400 – ER Monthly Report for February 2019 – SYAB, CS, NCW, SSJ, Investigation works, and S2B

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), 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 **February 2019** for Sydney Yard Access Bridge, Sydenham Station Junction, Central Station Works, Northern Corridor Works, and Investigation Works.

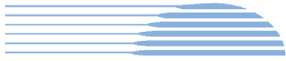
It also provides a summary in relation to the Sydney Metro - Sydenham to Bankstown (S2B) for the same period.

Yours sincerely

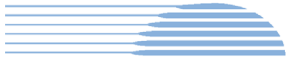


Jo Robertson
Environmental Representative

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

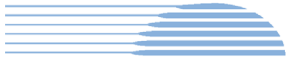


Summary of Contract Packages		Environmental Representative/s
Sydney Yard Access Bridge (SYAB) (Early Works package)		Jo Robertson
Sydenham Station Junction (SSJ) (Early works and Main works)		Alberto Paludetto
Central Station (Early Works and Main Works)		Alberto Paludetto
Investigation Works		Jo Robertson
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"> ▪ Nelson Street bridge removal enabling works ▪ Galvanised steel troughing (GST) removal and commissioning of GST route ▪ OHW re wiring and profiling ▪ OSD construction works ▪ Cess drainage works ▪ Track construction 	
Central Station	<ul style="list-style-type: none"> ▪ The SYAB Bridge in operation for stockpile hauling and delivery of materials. ▪ Piling works, capping beam works, pile capping. ▪ 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. ▪ Piling, capping beam construction. 	



	<ul style="list-style-type: none"> ▪ 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 February 2019. Issues identified during inspections included erosion and sedimentation controls, heritage management, building demolition, asbestos removal and chemical storage. 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	No inspections were required in February 2019.
Central Station	There were two ER inspections conducted in February 2019. Issues identified during the inspections included erosion and sedimentation controls, dust, heritage management, Aboriginal and Non Aboriginal archaeology, noise and vibration from construction methods implemented, 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 February 2019.
S2B	No inspections were required in February 2019.
Endorsed Document/s	
SYAB	Nil
SSJ	<ul style="list-style-type: none"> ▪ SM Upgrade Project-Heritage Interpretation Plan Jan 2019 – V5 Final Draft. ▪ Station Design Precinct Plan Sydenham Upgrade Project Revision 5. ▪ SMCSW1SSJ – Planning Approval Consistency Assessment Form – Sydenham Pit Ramp. ▪ SSJ-04 Ver. 1 Access ramp and Drainage Pumping station changes. ▪ Tree Report Rev 6 – Way Street. ▪ SSJ Compliance Tracking Report Q4, 2018
NCW	<ul style="list-style-type: none"> ▪ OOHW Application Northern Corridor Works 025 Rev 05. ▪ OOHW Application Northern Corridor Works 026 Rev 03. ▪ 20190215 ECM Laydown Areas – Supporting Information.Rev 2 ER endorsed 260219.
Central Station	<ul style="list-style-type: none"> ▪ OOHW Application Central Station 013 Rev 02. (review – EPL variation) ▪ Archival Measured Drawings-Rolling Stock Bldg; Amenities Bldg (review). ▪ CSMW Compliance Tracking Report Q4, 2018. ▪ Waste and Recycling Management Plan Rev 03. ▪ CSM06 Consistency Assessment Randle Lane (Review). ▪ Construction Traffic Management Plan Rev 05 (Review).
Investigation Works	Nil
S2B	<ul style="list-style-type: none"> ▪ Heritage Impact Assessment and Environmental Risk Assessment for Canterbury and Marrickville ▪ WE30 Possession OOHW Application ▪ Bridge and Rail Inspections SSJ Tranche1A/B-OOHW-002 (Rev 4) ▪ Pre-construction Minor Works Approval for Qenos Pipeline protection works



Non-compliance/ Incidents or Repeat Complaints	
SYAB	Nil
SSJ	Tree Incident Report # 32462. It is understood that Sydney Metro were notified by the contractor of damage to a tree in Bolton Street laydown area through Incident Report #32462. The tree was likely impacted by heavy machinery in the area. The tree had been nominated for removal. The Contractor has commenced investigation and advised site personnel to be vigilant of local trees.
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	It is understood that Sydney Metro has been providing summaries of complaints to DPE daily. A number of complaints (5) were made in association with the Central Station works with aspects including noisy works, dust, personnel not wearing PPE and access issues. Responses to each complaint have been noted in each complaint report, with follow up actions often defined in revised reports.
Investigation Works	Nil
S2B	Nil

Audits	
SYAB	Nil
SSJ	Nil
NCW	Nil
Central Station	Nil
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"> ▪ Noise and vibration management during possession works and piling works at the station and demolition of 11 Sydenham Road. ▪ Business Management Plan reporting.
NCW	<ul style="list-style-type: none"> ▪ Management of noise and vibration and dust during the Weekend 34 works (Nelson Bridge removal and track construction).
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. ▪ 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. ▪ Business Management Plan reporting.
S2B	<ul style="list-style-type: none"> ▪ Early investigations ▪ Pre commencement approval documentation
Sydney Metro	<ul style="list-style-type: none"> ▪ Business monitoring reporting to DPE as per CoA E64f. ▪ Review and update of the Exhumation Management Plan.