

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

7 July 2018

Ref: 170108-ER-DPE-Jun 18-SYAB CS NCW IW

Dear Stacy

RE: Sydney Metro City & South West Chatswood to Sydenham CSSI 15_7400 – ER Monthly Report for June 2018 – SYAB, CS, NCW, SSJ, and Investigation works

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), and MOD 3_Martin Place Metro Station (22 March 2018) ; and
- As required by the subsequent appointment as the approved Environmental Representative (17 February 2017);

The attached summary details the following key activities undertaken by ERs for Sydney Metro – City and South West Chatswood to Sydenham during the month of **June 2018** for Sydney Yard Access Bridge, Sydenham Station Junction, Central Station Works, Northern Corridor Works and Investigation Works

Yours sincerely



Jo Robertson
Environmental Representative

Cc: Fil Cerone, Matt Marrinan, Ben Armstrong, Stuart Hodgson, Nicole Williams, Adam Koutsamanis, Suzanne Saunders, Andrew Hendy, Simon Fisher
Cc: Swati Sharma, Rob Sherry, Elizabeth Williamson



Summary of Contract Packages		Environmental Representative/s
Sydney Yard Access Bridge (SYAB) (Early Works package)		Annabelle Reyes
Sydenham Station Junction (SSJ) (Early works and Main works)		
Central Station (Early Works and Main Works)		
Investigation Works		
Northern Corridor (NCW) (Early Works package)		Erran Woodward
Alternate for all packages		Jo Robertson
Key Construction Activities		
Sydney Yard Access Bridge (SYAB)	<p>The following construction activities were undertaken in June 2018:</p> <ul style="list-style-type: none"> ➤ Regent Street <ul style="list-style-type: none"> ○ Road line marking, saw cutting and sealing were completed. ○ Gate installations and defect rectifications. ○ Landscaping was completed. ➤ Sydney Yard - drainage works were completed. ➤ The SYAB site compound was handed over to Central Station Main Works Project 	
Sydenham Station Junction (SSJ)	<p>The following minor works were undertaken:</p> <ul style="list-style-type: none"> ➤ Site set up and installation of a dedicated rail corridor access road via Fraser Park – this work required the use of excavators, concrete trucks, vacuum suction trucks, an asphalt paver and a compactor while street sweepers will be used to clean access points and watercarts to suppress dust. ➤ Vegetation clearing inside the rail corridor to make way for construction work. ➤ Temporary removal of seven parking spaces at the Sydenham Road intersection with Railway Parade, Garden Street as well as Bolton Street at the corner of Burrows Avenue and Hogan Avenue – to minimise impact on commuters, parking changes were carried out outside peak hours, between 9am and 5pm. ➤ Out of Hours Works <ul style="list-style-type: none"> ○ OOHW were carried out during the following scheduled rail shutdown weekends when trains were not running: <ul style="list-style-type: none"> ▪ 2am Sunday 17 June to 2am Monday 18 June ▪ 2am Saturday 30 June to 2am Monday 2 July ○ Additional activities during these weekends included: <ul style="list-style-type: none"> ▪ Installation and testing of signal equipment using hand and power tools. ▪ Geotechnical investigations using vacuum suction trucks for digging. ▪ Installation of over-head wire footings which required a concrete truck and pump. ▪ Installation of new under rail service routes using excavators and a drill rig for digging and dump trucks to transport material. ▪ Temporary removal of six parking spaces along Burrows Avenue at Railway Parade to position the concrete truck and pump. 	
Northern Corridor Works (NCW)	<p>The following minor works were undertaken:</p> <ul style="list-style-type: none"> ➤ OOH Application 013 - Mid-Week 51: Portion 7a – Removal of formwork and grouting at footing locations between Brand Street and Albert Avenue 	



	Chatswood (18th to the 22nd June 2018)
Central Station	<p>The following low impact / minor works were undertaken:</p> <ul style="list-style-type: none">➤ Low Impact Works Approval CSMW002 - Central Station Main Works – Sydney Yard works<ul style="list-style-type: none">○ Visual inspections across the whole site.○ Non-destructive digging and excavation for the combined services route (CSR) and galvanised steel trough (GST) post locations in Sydney Yard.○ Non-destructive digging in the location of the underline crossing(ULX) in Sydney Yard.○ Non-destructive digging in the location of proposed signal bases, location case (LOC) bases and any other infrastructure in Sydney Yard.○ Vegetation removal in Sydney Yard.○ Hazmat assessment of buildings on platforms 12/13 and 14/15 and in Sydney Yard.○ Construction of the footings for the pad mount substation in Sydney Yard and installation of the pad mount substation. ➤ Low Impact Works Approval CSMW003 - Central Station Main Works – Olympic stairs, Platform 11 and Platform 0<ul style="list-style-type: none">○ Visual inspections across the whole site○ Non-destructive digging and excavation in the location of new overhead wiring structures on platforms 10/11 and in Sydney Yard.○ Excavation on platforms 20/21 and 22/23 for the future installation of the Olympic Stairs.○ Installation of hoarding on platforms 12/13, 14/15, 20/21 and 22/23.○ Installation of a temporary site office adjacent to Platform 0.○ Installation of LV and communications to temporary office at Platform 0.○ Non-destructive digging and excavation for the foundations for Platform 0.○ Non-destructive digging adjacent to Platform 10/11 and Sydney Yard at the location of signal bases, LOC bases and any other infrastructure○ Installation of overhead wiring mast in Sydney Yard○ Installation of GST alongside the retaining wall south of platform 15 up to existing buildings to be demolished.○ Partially construct underground combined services route (CSR) from existing buildings to alongside road 15.○ Transfer station services from platform 12/13 canopy onto temporary hoarding.○ Isolate all services to platforms 13, 14/15.○ Gas works investigation. ➤ Minor Works Approval CSMW005 - Visual inspections, survey and establishing Sydney Yard as an ancillary facility<ul style="list-style-type: none">○ Visual inspections and survey within the CSMW site○ Visual inspections and survey outside the CSMW site at Eddy Avenue, Regent Street, Chalmers Street, Devonshire Street, Randle Street, Elizabeth Street and Cleveland Street.○ The relocation of the first aid room from the Mortuary Station site office to Sydney Yard at Mortuary Station, Sydney Yard Access Bridge and Sydney Yard.



	<ul style="list-style-type: none"> ○ The installation of temporary office, welfare and toilets (port-a-loo) at Sydney Yard Access Bridge and Sydney Yard ○ Non-intrusive cable tracing and identification
Investigation Works	Nil

ER Inspections	
SYAB	<p>There were two ER inspections conducted in June 2018 and actions identified during the inspections comprised of:</p> <ul style="list-style-type: none"> ➤ 06 June 2018 – erosion and sedimentation controls, heritage protection and site access, non-compliance against E65 was raised. ➤ 27 June 2018 – erosion and sedimentation controls, general housekeeping, site restoration. <p>The ER Inspection reports were prepared and issued to Sydney Metro and SYAB Contractor.</p>
SSJ	Nil
NCW	Nil
Central Station	There was one ER inspection conducted on 9 June 2018 during minor works possession weekend and there were no issues noted during this inspection.
Investigation Works	Nil

Endorsed Document/s	
SYAB	<p>The following documents were reviewed by ER:</p> <ul style="list-style-type: none"> ➤ SYAB Non-compliance Report NCR02 – non-compliance against E65 ➤ SYAB Out of hours work Application 038 – line marking
SSJ	<p>The following documents were reviewed and endorsed by the ER:</p> <ul style="list-style-type: none"> ➤ SSJ Management Plans <ul style="list-style-type: none"> ○ Sydney Metro City & Southwest Ancillary Facility Management Plan – Fraser Park (SMCSWSSJ-JHL-WSS-EM-PLN-000526, Rev 1, 18 May 2018) ○ Construction Heritage Management Plan Rev 3; and ○ Construction Heritage Management Plan Rev 4 ➤ Out of Hours Works <ul style="list-style-type: none"> ○ OOHW053 ➤ Other documents <ul style="list-style-type: none"> ○ Sydney Metro City & Southwest – Sydenham Station and Junction (SSJ) - Endorsement of Tree Impact Assessment Report – Rail Corridor (SMCSWSSJ-JHL-WSS-EM-REP-000001, Rev 2, 1 June 2018) ○ Construction Traffic Management Plan Rev 01
NCW	<p>The following documents were reviewed and/or endorsed by the ER:</p> <ul style="list-style-type: none"> ➤ OOH Application 013 Rev 2 review and endorse post comments being addressed ➤ Sustainability Management Plan compliance with Staging Report Rev 4.1 ➤ Review and endorse ECM Cleland Road Compound (Rev 1)
Central Station	<p>The following documents were reviewed and endorsed by ER:</p> <ul style="list-style-type: none"> ➤ Low impact works – <ul style="list-style-type: none"> ○ Low Impact works CSMW006 – Installation of site shed ○ Minor Works CSMW005 – Visual inspections, survey and establishing Sydney Yard as an ancillary facility - extension of date ➤ Management Plans <ul style="list-style-type: none"> ○ Construction Air Quality Management Plan Revision 5 ○ Construction Heritage Management Plan Revision 5 ○ Construction Soil and Water Management Plan Revision 5 ○ Construction Groundwater Management Plan Revision 3 ○ Visual Amenity and Landscape Management Plan Rev 4



	<ul style="list-style-type: none"> ○ Construction Spoil Management Plan Rev 3 ○ Construction Noise and Vibration Management Plan Rev 3 ○ Construction Noise and Vibration Impact Statement Rev 3 ○ Construction Soil and Water Management Plan Rev 4 <p>The following documents were reviewed only by the ER:</p> <ul style="list-style-type: none"> ➤ Management Plans <ul style="list-style-type: none"> ○ Visual Amenity and Landscape Management Plan Rev 3 ○ Construction Air Quality Management Plan Revs 3 and 4 ○ Construction Traffic Management Plan Rev 2 ○ Construction Environmental Management Plan Rev 4 ○ Biodiversity Management Plan Rev 3 ○ Soil and Water Management Plan Rev 3 ○ Construction Noise and Vibration Management Plan Rev 2 ○ Construction Noise and Vibration Impact Statement Rev 2 ○ Construction Spoil Management Plan Rev 2 ➤ Consistency Assessment <ul style="list-style-type: none"> ○ Consistency Assessment 06 – Access and Haulage Routes ➤ Minor Works Application <ul style="list-style-type: none"> ○ Low Impact works CSMW007 – overhead wiring ➤ Out of Hours Work <ul style="list-style-type: none"> ○ OOHW 004 -Weekend 02- Weekend 05 ➤ Other <ul style="list-style-type: none"> ○ Central Station Main Works –Early Works: Archaeological Method Statement for piling and excavation (28 May 2018) ○ Central Station Main Works: Additional Early Works - Overhead Wiring Statement of Heritage Impact (21 May 2018) ○ Central Station Main Works: Sydney Yards Early Works Statement of Heritage Impact - CSMW 006 (11 May 2018) ○ Office of Environment Heritage (OEH) Heritage Division Consultation Records for CSMWA 006 (1 June 2018) ○ Central Station Main Works –Early Works: Archaeological Method Statement for piling and excavation (4 June 2018); ○ Central Station Main Works: Additional Early Works - Overhead Wiring Statement of Heritage Impact (21 May 2018); ○ Office of Environment Heritage (OEH) Heritage Division Consultation Records for CSMWA 007 (31 May 2018); ○ Office of Environment Heritage (OEH) Heritage Division Consultation Records for CSMWA 007 (13 June 2018) and responded by Sydney Metro on 18 June 2018
Investigation Works	The ER reviewed the Axicom Tower relocation minor works documentation – Although minor low impact work, s DPE approval will be sought for this activity as work will be within the heritage curtilage

Non-compliance/ Incidents or Repeat Complaints	
SYAB	<p>It is understood that Sydney Metro has been providing summaries of complaints to DPE daily. Responses to each complaint have been noted in each complaint report, with follow up actions often defined in revised reports.</p> <p>There was one incident reported during this month wherein dirty water was leaving the project site boundary at Yard 15. However, no actual or potential material harm was observed. A non-compliance report (NCR002) was raised against CoA E65 “All reasonably practicable erosion and sediment controls must be installed and appropriately maintained to minimise any water pollution. When implementing such</p>



	<p>controls, any relevant guidance in the Managing Urban Stormwater Series must be considered”.</p> <p>Immediate action on replacing torn sand bags and controls around stockpile was implemented and non-compliance report was raised.</p> <p>There were no incidents reported during this month of June 2018 as defined by the project approval definition for incidents reported to DPE under condition A41.</p>
SSJ	Nil
NCW	Nil
Central Station	Nil
Investigation Works	Nil

Audits	
SYAB	Nil
SSJ	Nil
NCW	Nil
Central Station	Nil
Investigation Works	Nil
Looking Forward	
SYAB	<p>Core Focus Areas for the coming month July 2018 are:</p> <ul style="list-style-type: none"> ➤ Compliance Tracking Review (Q2 2018) closing out of conditions
SSJ	<p>Core Focus Areas for the coming month July 2018 are:</p> <ul style="list-style-type: none"> ➤ Attain DPE approvals on management plans. ➤ Pre-construction compliance readiness.
NCW	<p>Core Focus Areas for the coming month are:</p> <ul style="list-style-type: none"> ➤ Out of hours works – cumulative noise ➤ Implementation of CEMP and approved subplans (CNVMP, CTMP, CAFMP) ➤ Endorsement of the Sustainability Management Plan
Central Station	<p>Core Focus Areas for the coming month July 2018 are:</p> <ul style="list-style-type: none"> ➤ Attain DPE approvals on all management plans. ➤ Pre-construction compliance readiness.
Investigation Works	DPE approval for low impact works within heritage curtilage and the conduct of these works.
Sydney Metro	Finalisation of Sydney Yard Access Bridge works; retained obligations and completion of obligations associated with the Sydney Yard Access Bridge works.
Other	
Nil	