

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

7 November 2017

Ref: 170108-ER-DPE-Oct 17-SYAB CS NCW IW

Dear Stacy

RE: Sydney Metro City & South West Chatswood to Sydenham CSSI 15_7400 – ER Monthly Report for October 2017 – 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
- 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 **October 2017** 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, Nicole.Zanella
Cc: Swati Sharma



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)	
Northern Corridor (NCW) (Early Works package)	Alice Pryke
Central Station (Early Works and Main Works)	
Investigation Works	
Alternate for all packages	Jo Robertson

Key Construction Activities	
SYAB	<p>The following activities were conducted in relation to the Sydney Yard Access Bridge construction works during the month of October 2017:</p> <ul style="list-style-type: none"> ➤ Sydney Yard, Rail Corridor and Mortuary Siding <ul style="list-style-type: none"> ○ Construction of a reinforced earth wall ○ Installation of the tower crane ○ Delivery of bridge beams and spans ○ Construction of bridge support piers 1 & 2 and abutment A & B. ○ Welding steel bridge segments ○ Lifting and construction of the bridge span 1 and 2 ➤ Regent Street <ul style="list-style-type: none"> ○ Completion of demolition works. ○ Archaeological investigation has been completed. ○ Excavation of bridge footings ➤ Out of Hours Work <ul style="list-style-type: none"> ○ Deliveries of oversized equipment and materials via the STA bus depot ○ Using a large mobile crane to install the tower crane ○ Testing and commissioning of the tower crane. ○ Installation and fixing bridge spans- welding, bolting and wrenching activities – alternative accommodation was offered as mitigation measure during high noise activities.
Sydenham Station Junction	<p>The following activities were conducted in relation to the Sydenham Station survey works during the month of October 2017:</p> <ul style="list-style-type: none"> ➤ Topographical survey works along the pedestrian walkways on streets around Sydenham Station. General area for work includes; Edgware and Bedwin Road along Edinburgh and Sydney Steel Road along to the start of Marrickville Road and Gleeson Avenue.
NCW	<p>Geotechnical investigation and site survey works have been conducted for the Northern Corridor Works during the month of October 2017. Construction Environmental Management Plan and sub-plans were being prepared and submitted for ER review.</p>
Central Station	<p>Geotechnical investigation work has been conducted at Central Station during this month of October 2017.</p>
Investigation Works	<p>The following investigation works were conducted during the month of October 2017:</p> <ul style="list-style-type: none"> ➤ Blues Point Road and Henry Lawson Avenue - Utilities investigations – ➤ Barangaroo Station site <ul style="list-style-type: none"> ○ Hickson Road (between Munn Street and High Street steps) <ul style="list-style-type: none"> ▪ Utility and geotechnical investigations to determine underground utilities involving narrow trenching on footpaths and roads ▪ Utility and geotechnical investigations using hand held equipment to determine underground utilities



	<ul style="list-style-type: none"> ▪ Site establishment within the open space area and adjacent to the rock face along Hickson Road ▪ Installing bolts to protect and secure the rock face along Hickson Road before the start of excavation and road works ▪ Removing vegetation and on-street parking to allow rock bolting to proceed ▪ Relocating pedestrian paths to provide a safe work zone ○ High Street - Stormwater pit cleaning with vacuum trucks ○ Hickson Road, High Street and Bettington Street -utility investigations to determine underground utilities using hand held equipment and opening lids to underground pits ➤ Out of hours Work <ul style="list-style-type: none"> ○ Hickson Road - (between Munn Street and High Street steps) -utility and geotechnical investigations and the relocation of services will take place on approximately five nights over a two week period, involving surveys and pit openings and requiring the use of a vacuum truck
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ER Inspections	
SYAB	There was only one inspection conducted during this month of October 2017 which was conducted on 11 October 2017. An ER Inspection report has been prepared and issued to Sydney Metro and the SYAB Contractor and the only issue of graffiti was raised during this inspection.
SSJ	Nil
NCW	Nil
Central Station	Nil
Investigation Works	Nil

Endorsed Document/s	
SYAB	The following documents were provided to ER for review and endorsement: <ul style="list-style-type: none"> ➤ Addendum to CTMP rev 5 for Crane and Girder Deliveries review and endorsement ➤ B15 Final Document to be uploaded in website – for information only ➤ Noise and Vibration Monitoring summary for compliance report – review only ➤ ECM version 4 review and endorsement ➤ Archaeological Method Statement <ul style="list-style-type: none"> ○ Archaeological Report SYAB Regent St excavation draft -review only ○ AMS3 Sydney Yard Excavation - endorsement ➤ OOHW application review only <ul style="list-style-type: none"> ○ SYAB OOHW App 015 install and fix bridge , SYAB mitigation measure for OOHW App 015 - noise calculations ○ SYAB OOHW App 023 review
SSJ	Nil
NCW	The following documents were reviewed by ER: <ul style="list-style-type: none"> ➤ CEMP Construction Environmental Management Plan ➤ CTMP Construction Traffic Management Plan ➤ Minor Works Approval <ul style="list-style-type: none"> ○ MWA 004 Survey and investigation works ○ MWA 005 Survey and investigation works ➤ Out of hours Work approval <ul style="list-style-type: none"> ○ OOHW 004 Survey and investigation works ○ OOHW005 Survey and investigation works



Central Station	Nil
Investigation Works	The following documents were reviewed by ER: <ul style="list-style-type: none"> ➤ Pre-Construction Minor Works Approval Form (GHD - Central Station) V2

Non-compliance/ Incidents or Repeat Complaints	
SYAB	<p>The following incidents and complaint were raised during this month of October 2017:</p> <ul style="list-style-type: none"> ➤ 29/10/17 – Noise complaint - Resident in Regent Street called to complain about high noise levels during out-of-hours works. They had received a notification about the work, but noise levels were higher than expected. Resident was not aware of alternative accommodation offer. Place Manager provided phone number for out-of-hours relocation service. Resident explained it was probably too late for that night, but they would take up the offer the following night. ➤ 30/10/17 - Resident in Regent Street posted a comment on Facebook complaining about high noise levels during out-of-hours works over the last week and the impact on his sleep patterns. Place Manager tried to call him twice to follow up but there was no answer <p>It is understood that Sydney Metro has been providing summaries of complaints to DPE on a fortnightly basis. All complaints noted above have been addressed accordingly.</p> <p>There were no incidents as defined by the project approval definition for incidents reported or observed by the ER during the period or 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 are:</p> <ul style="list-style-type: none"> ➤ Noise and vibration management during to the construction of the bridge deck that involves high noise activities i.e. welding, bolting and wrenching; ➤ Heritage management during archaeological excavation at Yard 15; ➤ Dust management during excavation of bridge footings and archaeological excavation; and ➤ Out of hours works approvals and management.
SSJ	<p>Core Focus Areas for the coming month are:</p> <ul style="list-style-type: none"> ➤ Approval of minor works and out of hours works for the continuing site investigation works; ➤ Consultation with EPA regarding the application of new project EPL or arrangement of variations on working under Sydney Trains EPL; and ➤ The preparation of construction environmental management plan and sub-plans.
NCW	<p>Core Focus Areas for the coming month are:</p> <ul style="list-style-type: none"> ➤ Approval of minor works and out of hours works with the continuing site



	<p>investigation works; and</p> <ul style="list-style-type: none">➤ Submission of construction environmental management plans to DPE for approval.
Central Station	Core Focus Area for the coming month is the approval of minor works and out of hours works with the continuing site investigation works.
Investigation Works	Core Focus Areas for the coming month include: <ul style="list-style-type: none">➤ Approval of minor works, and➤ Out of hours works with the continuing site investigation works at the following sites:<ul style="list-style-type: none">○ Northern Corridor○ Barangaroo○ Central Station○ Blues Point

Other
Nil