

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

7 February 2019
Ref: 170108-ER-DPE-TSE-Jan 19

Dear Erica

RE: Sydney Metro City & South West Chatswood to Sydenham CSSI 15_7400 – ER Monthly Report for January 2019 – TSE Contract and Martin Place USP

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) and MOD 5_Blues Point Acoustic Shed (determined 2 November 2018); and
- As required by the subsequent appointment as the approved Environmental Representative (17 February 2017);

The attached summary details the key activities undertaken by Environmental Representatives for Sydney Metro – City and South West Chatswood to Sydenham during the month of **January 2019**.

Yours sincerely



Michael Woolley
Environmental Representative

Cc: Sydney Metro: Fil Cerone, Matt Murrinan, Ben Armstrong, Stuart Hodgson, Adam Koutsamanis, Pam Tummers, Margarita Ognjanovic, Rob Muir (JHCPBG), Jason Ambler (LL)
DPE: Swati Sharma, Jacqui McLeod, Kate Moore, Elizabeth Williamson
CC IEA: Larry Weiss, Julie Dickson



Summary of Contract Packages		Environmental Representative/s
Tunnel and Station Excavation (TSE)		Michael Woolley
Martin Place Unsolicited Proposal (USP) Macquarie Bank/Lendlease		Michael Woolley/Jo Robertson
Alternate		Jo Robertson / Annabelle Reyes
Key Construction Activities		
TSE	<p>Chatswood Dive Site:</p> <ul style="list-style-type: none"> ▪ commissioning of the conveyor and second TBM assembly within the dive ongoing ▪ Cladding on the conveyor completed ▪ Intersection works on Mowbray and Hamden Road ongoing ▪ Tunnelling with TBM Wendy and spoil handling <p>Artarmon Substation:</p> <ul style="list-style-type: none"> ▪ Shaft in place with steel caisson installed ▪ Piling rig demobilised ▪ Contractors to complete lining not yet on site <p>Chatswood NCW:</p> <ul style="list-style-type: none"> ▪ Works along Frank Channon Walk including demolition of the existing noise wall and stockpiling of materials in the Gordon Street Compound ▪ Bland Street works ongoing ▪ walk or Nelson Street comprised ongoing piling ▪ Removal of the existing noise wall <p>Crows Nest Station:</p> <ul style="list-style-type: none"> ▪ Ongoing excavation and spoil removal from site ▪ Roof over northern section of the station box works <p>Victoria Cross South site:</p> <ul style="list-style-type: none"> ▪ Excavation by road header and wall support ▪ Removal of spoil and other support activities ▪ Site Inspection included visit to the station cavern being excavated <p>Victoria Cross North site:</p> <ul style="list-style-type: none"> ▪ Excavation by excavators with rock hammers. ▪ Removal of spoil <p>Blues Point Temporary Retrieval Site:</p> <ul style="list-style-type: none"> ▪ Ongoing piling activities for the spoil loading bridge ▪ installation of decking for site sheds ▪ geotechnical drilling ▪ spoil management and excavation ▪ maintenance of environmental controls <p>Barangaroo Station:</p> <ul style="list-style-type: none"> ▪ New road access via bridge operating ▪ Ongoing loading of barges (not at full capacity) ▪ Operation of water treatment plant ongoing. Construction of slurry treatment plants ongoing ▪ spoil management ▪ ongoing roadheader operation from the northern shaft in cross over cavern area. ▪ Ongoing environmental controls including street sweeper and water cart. <p>Bligh Street:</p> <ul style="list-style-type: none"> ▪ Ongoing tunnelling by road header ▪ spoil removal off site; support activities <p>Martin Place Station:</p> <ul style="list-style-type: none"> ▪ Ongoing demolition of the shopping circle area and 39 Martin Place Building. ▪ Pedestrian bridge installed over Christmas break. ▪ Anchors for tower crane being installed <p>Pitt Street North:</p> <ul style="list-style-type: none"> ▪ Roadheader excavating station; roof and wall support; 	



	<ul style="list-style-type: none"> ▪ removal of spoil off site <p>Pitt Street South:</p> <ul style="list-style-type: none"> ▪ Piling along eastern wall completed; ▪ ongoing demolition of remaining buildings <p>Waterloo Station:</p> <ul style="list-style-type: none"> ▪ Excavation of the station box and wall support ongoing ▪ Spoil management and removal off site ▪ loading out using long reach excavators ▪ Operation of the water treatment plant <p>Marrickville dive site:</p> <ul style="list-style-type: none"> ▪ Ongoing tunnelling by TBM 1 and TBM 2. ▪ Spoil movement to night time shed for storage by conveyor. ▪ Wheel wash operating in conjunction with wetting of ground with sprinkler. <p>Marrickville precast facility</p> <ul style="list-style-type: none"> ▪ Pre-cast facility operating. ▪ Storage and handling of segments outside shed and in area to north where former buildings have been demolished.
MP - USP	<ul style="list-style-type: none"> ▪ hazardous materials removal ▪ commencement of hard demolition works in top floor and plant room ▪ Scaffolding installation completed ▪ Use of basement as sump for runoff water collection ▪ Use of ramp to access and exit site to Castlereagh Street – truck wheels being hosed down by hand.
ER Inspections	
TSE	<p>Weekly inspections continued of the sites under the management of the TSE contractor. There were three inspections carried out during the month. Actions identified during the inspections comprised:</p> <ul style="list-style-type: none"> ▪ Crows Nest – traffic control and ensuring CTMP requirements are being implemented ▪ Blues Point – waste management ▪ Waterloo – erosion and sedimentation controls, control of tracking to Botany Road ▪ Chatswood dive– stormwater ▪ Chatswood NCW - erosion and sedimentation controls, ▪ Barangaroo – dust management and water access at the barge loading area; management of hardstand to reduce potential tracking <p>Various notes were made in the inspection reports reflecting commitments made by the TSE Contractors. ER Inspection reports have been prepared and issued to Sydney Metro and the TSE Contractor.</p>
MP - USP	No site inspection undertaken in January 2019. Inspection on 1 February will be reported in next months reporting period.
Endorsed Document/s	
Sydney Metro	<ul style="list-style-type: none"> ▪ Overarching Community Communications Strategy
TSE	<ul style="list-style-type: none"> ▪ Out of hours works (OOHW) approvals <ul style="list-style-type: none"> ○ Extension to existing OOHWs Application MPS014 ○ I&M works VCS ▪ Construction Traffic Management Plan(CTMP) <ul style="list-style-type: none"> ○ Hume Street Reopening ○ CTMP Chatswood ▪ Site Environmental Plans (SEP) <ul style="list-style-type: none"> ○ I&M Works on Broughton Road ○ Chatswood SEP Rev 3 ○ I&M Works Artarmon ○ Barangaroo SEP



USP- Martin Place	<ul style="list-style-type: none"> ▪ MP-ISD Demolition - OOH Application Extended Saturdays
Complaints / Incidents / Non-compliance	
TSE	<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>No incidents related to TSE works were reported to the ER for the period.</p> <p>JHCPBG reported that emergency works were required to be undertaken for a water leak at Martin Place on 7 January 2019. Community notification was undertaken to nearby receivers who may have potentially been affected. No complaints were received related to the emergency works.</p> <p>A formal report was received for the Marrickville slurry water discharge incident that occurred and was reported in the previous reporting period (December 2018). It is understood this report has been issued to DPE.</p> <p>The TSE Contractors have submitted final Compliance Tracking Reports for Q4 2018 to the ER and Sydney Metro .</p>
USP- Martin Place	Nil to report
Sydney Metro	There were no complaints received in relation to works undertaken directly by Sydney Metro. There were no incidents reported by Sydney Metro for Sydney Metro conducted works as defined by the project approval definition for incidents reported to DPE under condition A41.
Audits	
<p>The following audits relevant to this report, were conducted during the period:</p> <ul style="list-style-type: none"> • Review of audit outcomes from TSE CTMP • Independent Environmental Audit on Sydney Metro Incident Management. • Independent Environmental Audit undertaken on 31 Jan 2019 on the Martin Place CEMP and sub-plan for the demolition works conducted by Lendlease. 	
Looking Forward – Core Focus Areas	
TSE	<ul style="list-style-type: none"> ▪ Barging at Barangaroo and Clyde Barging Facility ▪ ERSED controls at Blues Point ▪ Works in the Northern Corridor Area ▪ Tracking of dust onto roads at key excavation sites
MP - USP	<ul style="list-style-type: none"> ▪ Management of tracking dirt onto Castlereagh Street