

Stacy Warren
Director Infrastructure

24 October 2017
Ref: 170108-ER-DPE-July 17

Department of Planning and Environment
GPO Box 39
SYDNEY NSW 2001

Dear Stacy

RE: Sydney Metro City & South West Chatswood to Sydenham CSSI 15_7400 – ER Monthly Report for July 2017

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 key activities undertaken by Environmental Representatives for Sydney Metro – City and South West Chatswood to Sydenham during the month of **July 2017**.

Yours sincerely



Michael Woolley
Environmental Representative

Cc: Sydney Metro: Fil Cerone, Matt Marrinan, Ben Armstrong, Stuart Hodgson, Nicole Williams, Adam Koutsamanis, Caitlin Richards (JHCPBG)
DPE: Gretel Friend



Summary of Contract Packages	Environmental Representative/s
Demolition and Tunnel and Station Excavation (TSE)	Michael Woolley
Alternate	Jo Robertson

Key Construction Activities	
Demolition and TSE	<p>Works conducted at the following sites are summarised below:</p> <p>Chatswood:</p> <ul style="list-style-type: none"> ➤ Install fencing and mesh ➤ Remove hazardous materials ➤ Soft strip out ➤ Install hoarding and scaffolding ➤ Commencement of demolition of buildings following endorsement of the CNVIS on 10/07/17 <p>Crows Nest:</p> <ul style="list-style-type: none"> ➤ Set up site offices <p>Victoria Cross:</p> <ul style="list-style-type: none"> ➤ Continued soft strip and removal of wastes via trucks entering off Miller Street; continued demolition of the Tower Square building; ➤ Continued installation of scaffolding at 181 Miller Street; hammering out panels for construction of Alimak (external elevator) at 181 Miller Street on the Miller Street side of the building; craning equipment and plant to the roof and plant room of 181 Miller Street; loading out hazardous materials; environmental monitoring to address the requirements of the Health Risk Assessment for the Childcare facility (All About Children). <p>Pitt Street:</p> <ul style="list-style-type: none"> ➤ Continued soft strip and removal of construction wastes at 175 Castlereagh Street; investigations into reinforcing of slabs; removal of panels for construction of Alimak; loading equipment to the plant room and removal of some plant from the plant room. <p>Martin Place:</p> <ul style="list-style-type: none"> ➤ Soft strip; commencement of demolition following approval of the CEMP (12/07/17) and endorsement of the CNVIS (10/07/17) ➤ Hammering small section of the roof to access plant room to allow for excavator to be loaded into the plant room ➤ Construction of Alimak on Elizabeth Street ➤ Salvage of heritage items from 7 Elizabeth Street ➤ Investigations into building fabric of adjacent Macquarie bank building <p>Waterloo:</p> <ul style="list-style-type: none"> ➤ Site establishment – set up of site amenities ➤ Hoarding of doors and windows for security ➤ Hazardous materials removal <p>Marrickville:</p> <ul style="list-style-type: none"> ➤ Ongoing soft strip and hazardous materials removal at various buildings ➤ Commencement of demolition activities following CNVIS endorsement on 27/07/17 and CTMP endorsement on 27/07/17 ➤ Removal of wastes from the site.

ER Inspections	
Demolition and TSE	<p>Weekly inspections commenced on 18 July under the management of the TSE contractor for various demolition sites. It is anticipated that generally each site will be inspected every second week at this stage of the project.</p> <p>Sites inspected in July 2017 comprised:</p> <ul style="list-style-type: none"> ➤ Victoria Cross -7/7/17 with the DPE Compliance Officer - Denison bridge removal works



	<p>and resultant complaints were a focus of the inspection; and 18/06/17</p> <ul style="list-style-type: none"> ➤ Chatswood 18/7/17 ➤ Pitt Street – 25/7/17 ➤ Waterloo – 25/7/17 ➤ Marrickville – 25/7/17 <p>The ER has also conducted numerous informal (undocumented) inspections from outside demolition sites within the month. ER Inspection reports have been prepared and issued to Sydney Metro and TSE Contractor.</p>
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Endorsed Document/s	
TSE	<p>The following TSE documents were reviewed by the ER with the assistance of alternate ERs prior to the agency workshop on 12 July 2017 with comments provided to the TSE Contractor and Sydney Metro:</p> <ul style="list-style-type: none"> ➤ Construction Heritage Management Plan (Rev 01) ➤ Construction Soil and Water Management Plan (Rev 01) ➤ Construction Stormwater and Flooding Management Plan (Rev 01) ➤ Construction Flora and Fauna Management Plan (Rev 01) ➤ Construction Noise and Vibration Management Plan (Rev 01) ➤ Construction Traffic Management Plan (Rev 01) <p>The following TSE documents were endorsed by the ER during July:</p> <ul style="list-style-type: none"> ➤ Risk Assessment for Design Investigations (only covering works described in the Site Environmental Plans (SEPs) listed below) dated 21 July 2017 ➤ SEPs for Chatswood; Crows Nest; Marrickville and Waterloo (Revisions 1 and 2) covering geotechnical boreholes located within site boundaries to provide design information
Demolition	<p>The following documents related to demolition contracts were reviewed and endorsed by the ER during July 2017:</p> <p><u>Delta</u></p> <ul style="list-style-type: none"> • Pre Construction Compliance Report, Updated Appendix A - Demolition (Delta) (11/07/17) • CNVIS Pitt Street CNVIS Rev E (20/07/17) • CNVIS for Alimak works at VC (5/07/17) • CNVIS Chatswood Rev D (10/07/17) • OOHWs Crane Lift - Pitt Street (10/07/17) • CNVIS Marrickville CNVIS dated 17 July 2017 (27/07/17) • CTMP Waterloo and Marrickville sites (27/07/17) • OOHWs Pole and electrical works – Chatswood (24/07/17) • Tree Report Rev G (26/07/17) • OOHWs Victoria Cross Awning (27/07/17) • Additional works on 181 Miller Street roof not covered in the CNVIS – Victoria Cross (31/07/17) <p><u>Metropolitan</u></p> <ul style="list-style-type: none"> • EWA - 7 EWA for Rooftop demo preparation – amendment (5/07/17) • CNVIS - Martin Place (10/07/2017) • EWA for Rooftop demo preparation - amendment for Crane Lift (12/07/17) • Pre Construction Compliance Report, Updated Appendix A - Demolition (13/07/17) • OOHWs Martin Place Alimak (26/07/17)
Project Wide	<p>The ERs endorsed the Sydney Metro Sustainability Strategy 2017 -2024 (May 2017)</p> <p>Other documents provided to the ER for review/comment included:</p> <ul style="list-style-type: none"> • DPE comments on SSI_7400 Demolition Metropolitan CEMP & Heritage Management Plan • Microbat Survey



	<ul style="list-style-type: none"> • Sydney Metro Unexpected Heritage finds Procedure 	
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Non-compliance/ Incidents / Complaints	
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TSE	Nil
Demolition	<p>Sydney Metro received a warning letter from DPE regarding Condition B15 on 7 July 2017. Various communications and meetings between DPE and Sydney Metro have occurred following the receipt of the letter. Sydney Metro raised a Non Compliance Report with respect to this condition.</p> <p>The EPA received two complaints regarding works carried out during the night of 30 June 2017 and early morning of 1 July at the Victoria Cross site relating to the removal of a foot bridge over Denison Street. The complaints were passed on to DPE Compliance who investigated the complaints, including inspecting the site on 7 July and discussing the complaints with Delta and TSE Contractor. The TSE contractor documented information relating to the works occurring at the time of the complaint which was provided to DPE. No further action was taken by DPE Compliance who indicated their investigation was closed.</p> <p>Delta raised an incident report under their CEMP for engineering investigative works conducted at Pitt Street site (175 Castlereagh Street) on 7 July that led to a complaint from the adjoining Boutique Hotel. The works involved brief use (approx. 15 minutes) of a hand-held jackhammer to expose reinforcement in the slab. Works were conducted within agreed respite times for the Hotel. The works were undertaken at a time when a Draft CNVIS had been prepared, however had not been endorsed by the AA or ER. No further similar works occurred or noise complaints were received at this site prior to the CNVIS being endorsed on 20 July 2017.</p> <p>Sydney Metro reported seven complaints for the month (in addition to those noted above). These related to: noise during out of hours works (2 complaints, with one complaint at VC on the same night as the EPA complaints); pedestrian access (1); workers using loud voices during the daytime (1); daytime noise from demolition works at Chatswood (2); and glass found at the Childcare facility (1). TSE also reported that a council officer attended the Chatswood site on 31 July 2017 and discussed site water run off with Delta. Controls were assessed and no issues were identified relating to ERSED controls during the ER inspection on 1 August 2017. JHCPBG indicated that they would follow up with the Council Officer through their Interface Manager to reiterate that the Project was approved by the Minister for Planning and not regulated by Council.</p>

Audits	
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TSE	Nil
Demolition	Nil

Risks and Recommendations	
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Demolition and TSE	As indicated in the June ER report, the Delta Environmental Manager had left the project. A new person started in the role mid July 2017. Increased site environmental supervision by the Delta Environmental Manager is expected into August 2017. With the new manager and the TSE contractor, JHCPBG, appointed to deliver the TSE Works including the Demolition Contracts which novated under their control from 30 June 2017 a higher level of document management and control has been provided to the demolition contractors.
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Other	
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Nil	
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