

7 October 2022
Ref: 201209-ER_DPIE-September 2022

[REDACTED]
Compliance Officer– Government Projects
Department of Planning Industry and Environment
Locked Bag 5022
PARRAMATTA NSW 2124

Dear [REDACTED],

RE: Sydney Metro - Sydney Metro Western Sydney Airport SSI 10051 – ER Monthly Report for September 2022

Healthy Buildings International (HBI) submits this report to the Secretary in accordance with:

- Condition A32 (k) of the Sydney Metro Western Sydney Airport, SSI 10051 Approval (23 July 2021)

The attached summary details the key activities undertaken by Environmental Representatives for Sydney Metro Western Sydney Airport for the month of September 2022.

Yours sincerely

[REDACTED]

[REDACTED]
Environmental Representative

Cc:
Sydney Metro: [REDACTED]
DPIE: Major Projects Portal

Enclosed: ER Endorsement of SBT CEMP R2.0 200922

Contract Package	Environmental Representative/s
Sydney Metro - Western Sydney Airport Advanced and Enabling Works (AEW)	[REDACTED]

Key Construction Activities During the Period

St Marys Station Lift Relocation:

- Backfill lift shaft
- Asphalt on street
- Poured pavement outside lift shaft
- Installation of remaining steel and clocktower
- Installation FS1 temporary footing
- Installation of the mechanical items for lift

Power Works:

- Completed surface restoration works across various locations
- Demobilised Lawson St compound
- All works and contractor has demobilised completely

Key Construction Activities Look Ahead

The Construction activities planned for the upcoming period for the Advanced Enabling Works (AEW) comprise of:

- St Marys Station Lift Relocation
 - Lift Installation
 - Electrical cabling installation and stormwater works - low impact OOHW (less than 5dB over RBL)
 - Concrete pour (footpath) during standard hours
 - Installing glazing on lift shaft
 - Canopy installation (EWP and scaffolding)
 - Installation of footbridge support structure
- All power works are now complete

ER Inspections

There were two ER Inspections (conducted by [REDACTED] in September 2022 (ER inspections are on a fortnightly cycle weather and health permitting):

- 7/09/2022 - Key points/ issues raised during this inspection were as follows:
 - At St Marys Station Lift relocation site a good practice was noted with the retention of site won bricks to be reused in the final works
 - At St Marys Station Lift relocation site a delivery driver induction QR code has been set up on the main gate that includes environmental issues
 - The Lawson Road Power works compound required stabilisation of exposed areas and removal of minor amounts of rubbish
 - At the Lawson Road Power works compound the topsoil that was stockpiled in a perimeter bund needed to be pulled back across the site with final landform to be agreed with site owner.
- 21/09/2022 - Key points/ issues raised during this inspection were as follows:
 - At St Marys Station Lift relocation site a small grout washout was observed in the corner of the site. This needed to be cleaned up and correct washout procedures reiterated with all site personnel.
 - All Power sites have been adequately rehabilitated and handed over in a condition acceptable to the landowner

Photos



St Mays lift relocation - A small amount of grout was washed out in the corner of the site.



St Marys lift relocation – Hoarding west of (behind) goods shed



St Marys lift relocation – View of site to the south east from the concourse/ pedestrian bridge



St Marys lift relocation– Erosion and sediment controls in place



Power: the Gipps Street compound demobilised and stabilised



Power: Lawson Road compound handed back to the landowner



Power: Works on Pitt Street complete and reinstated



Power: Lawson Road compound remaining Sydney Metro signage was removed from the ATF

Endorsed Document/s

The following documents were endorsed/approved by the ER [REDACTED]

- Low Impact Works Application 059 – Installation of FSM/IPO Electrical Pad mount Substation to service at Harris Street, to service STOM and footbridge temporary integrated office.

The following documents were provided for information or reviewed with comments provided to Sydney Metro.

- Nil this period.



Complaints / Incidents / Non-compliance
No non-compliances or incidents were reported to the ER for the Period: No complaints were received during the period:
Audits (specific to packages reported in this report)
▪ Nil this period
Looking Forward – Core Focus Areas
▪ Nil ER Closing Comments: All portions of the AEW works have been responsive to issues raised by the ER and addressed these issues in a timely manner. As the St Marys Station Lift Relocation package near completion management of demobilisation activities will become important for all contractors. Future works for the St Marys Station footbridge AEW, yet to commence, will be undertaken concurrently with the St Marys lift relocation AEW and the Station Boxes and Tunnelling (SBT) package of works, meaning that cumulative impacts will become a key consideration in the coming months.

Contract Package	Environmental Representative/s
Sydney Metro - Western Sydney Airport Station Boxes and Tunnelling (SBT)	[REDACTED]
Key Construction Activities During the Period	
<ul style="list-style-type: none"> ▪ Saint Marys: <ul style="list-style-type: none"> ○ Station plaza demolition complete ○ Establishment of onsite offices and parking at eastern end, close to Glossop Street ○ Demob of temp site office ○ Disposal of concrete from plaza ○ Completion of hoarding ○ Utility work (HV supply) under Glossop St ○ Soil nails, shotcrete (progressive) ○ Soil nails, shotcrete (progressive) ○ Continue site leveling to enable piling at eastern end ▪ Claremont Meadows Services Facility: <ul style="list-style-type: none"> ○ Delivery of training centre and connection of associated services ○ Installation of hoarding (ongoing) ○ Site establishment; sediment basins, site access roads, piling pad ○ Site establishment; sediment basins, site access roads, piling pad ○ Guide wall concrete pour ○ Fit out of training centre ongoing ○ Completed hoarding ▪ Orchard Hills: <ul style="list-style-type: none"> ○ Topsoil stripping (ongoing) ○ Site establishment; portal area, northern section of site ○ Preparation of piling pad ○ Compound foundation ○ Establishment of segment storage area ○ Finalisation Geotech investigation ○ Lansdown Rd. diversion works ○ Hoarding ○ Utilities ○ Excavation of portal access road upper level (surface only) ▪ Aerotropolis : <ul style="list-style-type: none"> ○ Fencing, and ERSED controls installation ○ Carpark Construction 	



- Construction of piling pad within low risk area - As the DSI report for the area has not been finalised, the area has been reclassified from a High/Moderate risk AEC to low risk under the provisions of REMM SC2. This was effected through a technical memorandum provided to the CLM Site Auditor with subsequent concurrence from the same via email.
- Bringelly Services Facility :
 - DSI Completed
 - Hoarding and fencing, and ERSED controls installation
 - Site leveling and internal road construction.
 - Preparation of piling pads

Key Construction Activities Look Ahead

- Saint Marys:
 - Complete establishment of construction offices and parking area
 - Continue Establish ERSED Controls, hoardings fences and barricading
 - Installation of soil nails for stabilisation ahead of piling
 - Preparation of piling pad at eastern portion
 - Commence piling
 - Commence capping beam construction towards the end of the period.
- Claremont Meadows Services Facility:
 - Continue ERSED controls installation
 - Continue site leveling and internal road construction.
 - Commence piling
- Orchard Hills:
 - Complete vegetation Clearing
 - Continue ERSED controls installation
 - Complete topsoil stripping
 - Dewatering of onsite dams
 - Establishment of site offices and amenities
 - Construct hardstand for roads
 - Complete hardstand for tunnel precast segment storage
 - Commence tunnel precast segment delivery
- Aerotropolis :
 - Complete DSI
 - Fencing, and ERSED controls installation
 - Cut to fill

As the DSI report for the area has not been finalised, the area has been reclassified from a High/Moderate risk AEC to low risk under the provisions of REMM SC2. This was effected through a technical memorandum provided to the CLM Site Auditor with subsequent concurrence from the same via email.
- Bringelly Services Facility :
 - Hoarding and fencing, and ERSED controls installation
 - Preparation of piling pads
 - Commence piling

ER Inspections

There were two (3) ER Inspections [one (1) conducted by the [REDACTED] and two (2) by [REDACTED] in August 2022 (ER inspections are on a fortnightly cycle weather and health permitting).

- 1/09/2022 (By [REDACTED] - Key points/ issues raised during this inspection were as follows:
 - The broken asbestos pipe at Bringelly was only partly covered with black plastic, please cover the full extent of pipe that has been exposed
 - Additional ERSED controls are required at the low point in the stockpile area at Bringelly. Suggest installing an earth bund, or equivalent, to reduce pressure on the boundary sediment fence. CPBG to provide ESCP to ER
- ER 15/09/2022 (By [REDACTED] - Key points/ issues raised during this inspection were as follows:
 - Sites generally well managed.
 - At Orchard Hills access to be provided to topsoil stockpiles to maintain viability of seed bank.
 - Due to the density of works and plant at the sites, coordination for ER inspections to be improved so that ER can access ER areas of interest.



- 29/09/2022 [REDACTED] - Key points/ issues raised during this inspection were as follows:
 - Sites generally well managed.
 - At St Marys the depression being used as a retention basin is to be assessed against the disturbed catchment size and whether additional or contingency measures are required
 - At Claremont Meadows drainage lines need to be lined or treated to prevent scour
 - At Orchard Hills mulch stockpiles need to be moved away from the retained farm dam to prevent tannin impacting the water
 - At Orchard Hills mud tracking on Kent Road needs to be removed and the access point stabilised.

Photos



Orchard Hills – Lansdowne Rd diversion construction looking east from Kent Rd



Orchard Hills view North - Preparation laydown areas (left) and precast tunnel segment storage pad (right)



Orchard Hills view north: Excavation of tunnel portal access



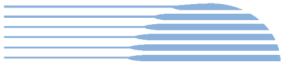
Orchard hills view south at diversion – Clearing south of Lansdowne Rd completed and hoarding on the right



St Marys Station Road view west—Jersey barriers in place and Station St hoarding structure ready for panels.



St Marys view east— Construction Accommodation and parking north of Chesham Road.



St Marys view east – Chesham St hoarding awaiting graphics.



St Marys – Plaza demolition completed with concrete preparation for disposal offsite.



St Marys view west – Embankment shotcreting and soil nail installation underway



Claremont Meadows view south - Shaft pilling pad complete .



Claremont Meadows view west - inlet drains to be lined with an appropriate material / protective layer.



Claremont Meadows view southwest – shaft pilling establishment







Bringelly Services Facility –.North west corner behind dam



Bringelly Services Facility – View north from soil stockpiles west of central dam.

Endorsed Document/s
<p>The following documents were endorsed by the ER [REDACTED]</p> <ul style="list-style-type: none"> ▪ NSW (Off-airport) Construction Noise and Vibration Management Sub-plan - Sydney Metro Western Sydney Airport Station Boxes and Tunnelling Works, Revision 1 of 23/09/2022 ▪ NSW (Off-Airport) Soil and Water Management Sub-Plan - Sydney Metro Western Sydney Airport Station Boxes and Tunnelling Works, Revision 1 of 21/09/ <p>The following documents were provided for information or reviewed:</p> <ul style="list-style-type: none"> ▪ Construction Environmental Management Sydney Metro Western Sydney Airport Station Boxes and Tunnelling Works (Revision 2), dated 27 September 2022 ▪ NSW (Off-airport) Flora and Fauna Management Sub-plan Sydney Metro Western Sydney Airport Station Boxes and Tunnelling Works, Revision 1 of 21/09/2022 ▪ Spoil Management Sub-Plan Sydney Metro Western Sydney Airport Station Boxes and Tunnelling Works, Revision 0 of 2/09/2022 ▪ Waste and Recycling Management Sub-Plan Sydney Metro Western Sydney Airport Station Boxes and Tunnelling Works, Revision 1 of 24/08/2022 ▪ Project-wide Groundwater Modelling Report Sydney Metro Western Sydney Airport Station Boxes and Tunnelling Works, Revision A of 29/07/2022 ▪ Sydney Metro Western Sydney Airport – CSSI Staging Report Revision 7 of 20/09/2022
Complaints / Incidents / Non-compliance
<p>No Non-compliances were identified by the ER this period.</p> <p>Three minor incidents were reported to the ER this period some of which took place in previous periods:</p> <ul style="list-style-type: none"> ▪ 25/07/2022 at Aerotropolis - Minor Hydraulic Oil Spill from Road Sweeper A blown vac truck hydraulic hose, caused approximately 10L of hydraulic oil to be discharged onto the ground. The leak was contained within the immediate area on the road. Existing bunding and spill kits were used to prevent the hydraulic oil entering a nearby decommissioned drain. The used spill kit materials were removed from site and disposed of. ▪ 31/08/2022 at Aerotropolis – Vehicle with a 400L bunded fuel tank positioned at the rear of the vehicle behind the cab headboard. Worker was discharging fuel from the fuel tank into a 20L jerry can. As the worker was removing the fuel nozzle from the jerry can, a minor fuel spillage (less than 1 L) occurred. A spill kit absorption material was placed over the spill. Hazardous materials bag was used to dispose of used spill kit materials. ▪ 17/09/2022 at Aerotropolis - Minor Oil Spill. Hose on the tipper truck split, which caused a minor spill (<3L) on the concrete pad. Absorbent pads were immediately used, followed by sawdust. Used spill kit materials were placed in hazardous material bag and disposed. <p>Three (3) complaints were reported to the ER:</p> <ul style="list-style-type: none"> ▪ 28/08/2022 – Stakeholder expressed concern about damage to property resulting from construction works. Comms team investigated and work was not related to Sydney Metro. Comms team advised stakeholder to contact Council. ▪ 15/09/2022 – Stakeholder unhappy regarding information (door slip) provided in letterbox. Project called stakeholder to explain what the door slip was relating to, that the project team are informing the surrounding community that the team are removing materials (asbestos materials) found onsite. ▪ 30/09/2022 – Complaint regarding Truck parked illegally in Stanmore with Sydney with Sydney Metro Western Sydney Airport signage. Stakeholder was emailed confirmation of truck not being linked to Sydney Metro - Western Sydney Airport construction activities. Advised stakeholder to contact police if there is a traffic matter due to parking impacts. Sydney Metro Project Managers informed of truck signage being visible when not linked to the project regarding community enquiries.
Audits (specific to packages reported in this report)
<p>No audits were conducted during the reporting period.</p>
Looking Forward – Core Focus Areas
<p>Compliance with CoA E92, E46, E57, E103 to E105 and E109</p>
<p>ER Closing Comments: Environmental performance has improved with greater attention to specific requirements of conditions of consent. Project reasonably responsive to queries and recommendations made by the ER.</p>

Contract Package	Environmental Representative/s
Sydney Metro - Western Sydney Airport Surface and Civil Alignment Works (SCAW)	[REDACTED]
Key Construction Activities During the Period	
<ul style="list-style-type: none"> ▪ Nil this period 	
Key Construction Activities Look Ahead	
<p>The following Low Impact Works are Planned following Preparatory CEMP ER approval:</p> <ul style="list-style-type: none"> ▪ Site access and establishment for the Elizabeth Drive Compound. ▪ Site access establishment of Patons Lane compound. ▪ Geotech investigations off Patons Lane will occur. ▪ Possibility of nest boxes to be installed within the SMF. ▪ Ecological inspections across site will continue, with a focus on dam dewatering. Some dewatering is required to facilitate haul road construction at Elizabeth Drive Compound. 	
ER Inspections	
<p>There were two ER Inspections (conducted by the [REDACTED] in August 2022 (ER inspections are on a fortnightly cycle weather and health permitting).</p> <ul style="list-style-type: none"> ▪ 8/09/2022 (By [REDACTED] - Key points/ issues raised during this inspection were as follows: <ul style="list-style-type: none"> ○ A broken asbestos pipe was uncovered at the Elizabeth Drive compound site during installation of eroded control under low impact works, this was barricaded off, however requires signage and to be covered in plastic ○ Stripped material from the minor access tracks at Patons Lane access (under Low Impact Works Application) is being windrowed as an erosion and sediment control ▪ ER 22/09/2022 (By [REDACTED] - Key points/ issues raised during this inspection were as follows: <ul style="list-style-type: none"> ○ The broken asbestos pipe identified in inspection 01 at the Elizabeth Drive compound site has been covered and signage installed ○ Stripped topsoil is being compacted into bunds on either side of the minor access tracks to divert clean water away from the disturbed ground 	
Photos	
	
<p>Patons Lane access to SMF view north - - Minor access track with earth berms segregating clean/dirty water</p>	<p>Patons Lane access to SMF view north - farm dam will be dewatered on approval of the CEMP</p>
	
<p>SMF South of Blaxland Creek - - Minor access track with earth berms segregating clean/dirty water</p>	<p>Elizabeth Drive Compound view northeast from road - Erosion and sediment control installation</p>

Endorsed Document/s
<p>The following documents were endorsed by the ER:</p> <ul style="list-style-type: none"> ▪ LIW-062- Low Impact Works Application - Minor access and erosion and sediment control establishment at Patons Lane and Elizabeth Drive Compounds. <p>The following documents were provided for information or reviewed:</p> <ul style="list-style-type: none"> ▪ LIW 57 Survey Works ▪ Preparatory Works CEMP [REDACTED] ▪ Construction Noise and Vibration Management Plan ▪ Construction Flora and Fauna Management Plan ▪ Construction Soil and Water Management Plan ▪ Construction Air Quality management Plan ▪ Spoil Management Plan ▪ Waste and Recycling Management Plan
Complaints / Incidents / Non-compliance
Nil complaints received during the period.
Audits (specific to packages reported in this report)
No audits were conducted during the reporting period.
Looking Forward – Core Focus Areas
Preparatory works CEMP and Subplans CEMP and Construction Sub-plans Compliance with CoA E103 to E105

Statement of Limitations

Healthy Buildings International (HBI) has prepared this report in accordance with the requirements of Condition A32 (k) of the Sydney Metro Western Sydney Airport, Concept and Stage 1 SSI 10051 Approval (23 July 2021). The report is for the sole purposes of Department of Planning Industry and Environment (DPIE) and Sydney Metro. It has been prepared based on generally accepted practices and standards at the time it was prepared. No other warranty, expressed or implied, is made as to the professional advice included in this Report. This report did not assess any aspects relating to safety.

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4 October 2022

██████████
Director Sustainability Environment & Planning SMWSA
Sydney Metro
Transport for NSW
PO Box K659
HAYMARKET NSW 1240

Ref: 201209(b)_CEMP_R2.0

Dear ██████████

**RE: Endorsement of Construction Environmental Management Plan - Sydney Metro
Western Sydney Airport Station Boxes and Tunnelling Works**

Thank you for providing the Construction Environmental Management Sydney Metro Western Sydney Airport Station Boxes and Tunnelling Works (Revision 2), dated 27 September 2022 (the CEMP) for Environmental Representative (ER) review and endorsement, as required by Conditions of Approval C1, C2/C3 and C13 (d) of the Sydney Metro Western Sydney Airport project (SSI 10051 July 23, 2021).

The CEMP contains the Construction Monitoring Program – Air Quality (CMP-AQ), therefore, that Construction Monitoring Program forms part of this review and endorsement.

I note that:

- Previous versions of the document have been reviewed and updated following comments from the ER
- Sydney Metro have also reviewed and commented on the relevant documents
- Evidence of consultation records has been provided to the ER for the CMP-AQ
- Following the above reviews, the documents are considered to contain information and consultation (CMP-AQ only) required

Accordingly, as an approved ER for the Sydney Metro Western Sydney Airport project, I now consider the CEMP and the CMP-AQ consistent with the requirements in or under the Infrastructure Approval and the undertakings made in the documents listed in Condition A1.

Yours sincerely



Environmental Representative – Sydney Metro Western Sydney Airport