

Ms Alex McGuirk  
Compliance Officer– Government Projects  
Department of Planning Industry and Environment  
Locked Bag 5022  
PARRAMATTA NSW 2124

7 June 2022  
Ref: 201209-ER\_DPIE-May 2022

Dear Alex,

**RE: Sydney Metro - Sydney Metro Western Sydney Airport SSI 10051 – ER Monthly Report for May 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 May 2022.

Yours sincerely



Rui Henriques  
Environmental Representative

Cc:  
Sydney Metro: Hugh Chapman, Jeremy Slattery  
DPIE: Major Projects Portal

Enclosed:  
ER Endorsement Roads -Elizabeth Drv. / Badgerys Creek Rd Roundabout 4th leg – CEMP Rev 3.2 170522  
ER Endorsement St Marys Station Lift Relocation – CEMP Rev D 240522



Contract Package	Environmental Representative/s
Sydney Metro - Western Sydney Airport Advanced and Enabling Works (AEW)	Rui Henriques/Alex Gale/Jo Robertson
<b>Key Construction Activities During the Period</b>	
<p><b>St Marys Temporary Bus Interchange (TBI):</b></p> <ul style="list-style-type: none"> <li>▪ Lethbridge and Philip Street roundabout adjustment and pedestrian crossing construction completed except line marking</li> <li>▪ Line marking at Station St between Lethbridge and the TBI and at Queen Street</li> <li>▪ Defects rectification works</li> </ul> <p><b>St Marys Station Lift Relocation:</b></p> <ul style="list-style-type: none"> <li>▪ Tree removal and pruning</li> <li>▪ Concrete encasement of stormwater line at new stairs location</li> </ul> <p><b>40 Derwent Street LIW Works:</b></p> <ul style="list-style-type: none"> <li>▪ Works Complete</li> </ul> <p><b>Aerotropolis Station LIW:</b></p> <ul style="list-style-type: none"> <li>▪ Removal of Septic and Underground Storage Tanks</li> <li>▪ Characterisation and disposal of fill materials as required</li> <li>▪ Demobilisation</li> </ul> <p><b>Elizabeth Drive &amp; Badgerys Creek Rd. Roundabout 4<sup>th</sup> leg:</b></p> <ul style="list-style-type: none"> <li>▪ Clearing and grubbing</li> <li>▪ Stormwater water drainage installation</li> <li>▪ Services and utilities protection</li> <li>▪ Erosion and sediment controls installation</li> </ul> <p><b>Power Works:</b></p> <ul style="list-style-type: none"> <li>▪ Unnamed Lane trenched</li> <li>▪ Horizontal Directional Drilling (HDD) Western Road, Kemps Creek</li> <li>▪ Wentworth Rd, Bringelly works complete</li> <li>▪ Conduit proving Sunflower Dr, Claremont Meadows completed</li> <li>▪ Kent Rd, Orchard Hills M4 bore entry and exit pits excavated</li> <li>▪ M4, Orchard Hills HDD</li> <li>▪ ACM removal at Cross St Kemps Creek</li> <li>▪ Martin Rd, Badgerys Creek trench and Crossing</li> <li>▪ Pitt St, Badgerys Creek trenching</li> <li>▪ HDD Portion 6 (Bringelly) ongoing</li> <li>▪ Proving of existing conduits on Northern Rd and Greendale Rd, Bringelly completed</li> <li>▪ Proving of existing conduits on Gipps Street, Claremont Meadows, completed</li> </ul>	
<b>Key Construction Activities Look Ahead</b>	
<p>The Construction activities planned for the upcoming period are limited to Advanced Enabling Works (AEW) comprising:</p> <ul style="list-style-type: none"> <li>▪ Continuation of construction of the Temporary Bus Interchange (TBI) at the Station St. Carpark (St Mary's) as follows: <ul style="list-style-type: none"> <li>○ Line marking works at Lethbridge and Philip St intersection</li> </ul> </li> <li>▪ St Marys Station Lift Relocation <ul style="list-style-type: none"> <li>○ Stormwater encasement works ongoing</li> </ul> </li> <li>▪ Aerotropolis Station LIW <ul style="list-style-type: none"> <li>○ Works Completed</li> </ul> </li> <li>▪ Elizabeth Drive &amp; Badgerys Creek Rd. Roundabout 4th leg <ul style="list-style-type: none"> <li>○ Subgrade excavation and preparation</li> <li>○ Structural layer construction</li> <li>○ Stormwater drainage Installation</li> </ul> </li> <li>▪ Continuation of Power works as follows: <ul style="list-style-type: none"> <li>○ Complete trenching works at locations commenced as listed above</li> <li>○ Complete HDD works commenced as listed above</li> <li>○ HDD at Cross Street, Kemps Creek</li> </ul> </li> </ul>	

**ER Inspections (all conducted by the Alternate ER)**

There were two ER Inspections (conducted by Mr Alex Gale) in May 2022 (ER inspections are on a fortnightly cycle weather permitting):

- 4/05/2022 - Key points/ issues raised during this inspection were as follows:
  - The exit at the Gipps St compound required further protection to prevent mud tracking as vehicles are leaving
  - General housekeeping at the Gipps St compound needs to remain a focus with litter observed around the waste skip bin.
  - ACM stored at the Lawson Rd compound required additional signage and barricades, this was rectified immediately following the inspection
  - Environmental controls at the Lawson Rd compound are fit for purpose and are well installed, commendation to the team for ensuring the site is compliant.
  - Signage was not present on the gate or fence to the Elizabeth Drive/Babdgerys Creek Road Roundabout 4<sup>th</sup> leg construction compound as per CoA A47.
  - At the St Marys Station relocation LIW site the flagging previously installed around the jib crane to mark the maximum truck height allowed into the gate had been removed. This flagging needs to be reinstated ASAP as it is part of the works approval and is a significant control to prevent inadvertent damage to the jib crane.
- 18/05/2022 - Key points/ issues raised during this inspection were as follows:
  - Quickway equipment had been placed on top of bushes on the nature strip at Sunflower Drive. Items to be removed and damaged vegetation reinstated
  - Significant areas of the nature strip along Kent Road, Orchard Hills, have been disturbed by Quickway without adequate ERSED controls applied. It was also noted that the area disturbed appeared excessive.
  - Parts of the nature strip on Lawson Rd, outside of the neighbour’s property damaged. Quickway to discuss with the neighbour and reinstate this part of the nature strip.
  - Sediment fence on the western boundary of the Lawson Rd Quickway compound had been damaged.
  - Segregation of spoil stored at Lawson Rd Quickway compound required improvement.
  - At the Station St TBI entrance a small amount of clay and millings was observed that required removal and disposal

**Photos**



**TBI entrance Station St – Clay and millings was observed.**



**TBI Station Street West– Works completed**



**Philip and Lethbridge intersection re-sheeted**



**Elizabeth Drive: Services protection works.**



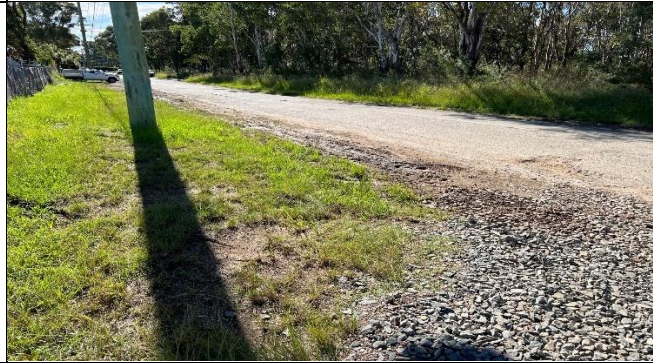
Elizabeth Drive view north: Area cleared, and subsurface preparation works underway.



St Marys lift relocation – Wayfinding signage installed.



St Marys lift relocation east GRB storage and services location.



Power –Gipps Street compound mud tracking



Power –Lawson Road compound entrance



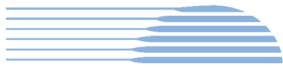
Power – Sunflower Dr. equipment placed on vegetation



Power – Sunflower Dr. trenching



Power –Kent Rd trenching and HDD works



**Power –Kent Rd trenching and HDD works**

**Power – Damage to nature strip at Lawson Rd compound**

**Endorsed Document/s**

The following documents were endorsed/approved by the ER (Mr Alex Gale)

- Roads -Elizabeth Drv. / Badgerys Creek Rd Roundabout 4<sup>th</sup> leg – CEMP
- St Marys Station Lift Relocation - CEMP
- Power – OOHW 003 (Rev C) Caddens Road Underbore and M4 Underbore Works
- LIW 48 – Gipps Street Facility existing Asbestos Contaminated material stockpile disposal
- LIW 49 - Pre-construction general site investigation works for Footbridge at St Marys Station (FSM)

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

- Roads – DNVIS for Elizabeth Drive and Badgerys Creek Road roundabout forth leg to SM (SCAW) works corridor.
- St Marys Station Lift Relocation – DNVIS

**Complaints / Incidents / Non-compliance**

Four (4) complaints were received:

- 5/05/2022 – Power (See photo of equipment on vegetation) Claremont Meadows stakeholder concerned about fencing at the back of her property and the garden they maintain. The garden has had plants and bark removed. They advised they were not notified for the works undertaken.
- 12/05/2022 – Power - Claremont Meadows stakeholder advised that their lawn at the front of the property was damaged by the excavation work.
- 12/05/2022 – Power - Claremont Meadows stakeholder complained about a skip bin left on the street adjacent to gutter next to their driveway, causing damage. A female traffic controller who was rude and very quick to abuse her husband. She mentioned her husband was trying to acknowledge his misjudgement when approaching the changes to traffic conditions on Kent St.

No non-compliances or incidents were reported to the ER for the Period:

**Audits (specific to packages reported in this report)**

- Nil this period





**Looking Forward – Core Focus Areas**




- Nil

**ER Closing Comments:**

Total number of Project related complaints received in May 2022 (1) remains consistent with average number of complaints experienced to date. Overall, environmental performance is good. ER Inspection for the month identified generally minor actions.

- The Project continues to be responsive to queries/comments raised in document reviews and any recommendations made by the ER.

Contract Package	Environmental Representative/s
Sydney Metro - Western Sydney Airport Station Boxes and Tunnelling (SBT)	Rui Henriques/ Jo Robertson/Alex Gale
<b>Key Construction Activities During the Period</b>	
<ul style="list-style-type: none"> <li>▪ Saint Marys - Fencing, ERSED controls, fencing, Utilities investigations, Contamination and Geotech investigation works ongoing, HAZMAT investigations of Station Plaza</li> <li>▪ Claremont Meadows Services Facility - Site establishment, Contamination and Geotech Investigations, ERSED controls, fencing, preparing for main access roads and laydown hard stand area</li> <li>▪ Orchard Hills – Pre-clearing, Contamination and Geotech investigation works ongoing</li> <li>▪ Aerotropolis – Contamination and Geotech Investigations, ERSED controls, utilities location fencing</li> <li>▪ Bringlely Services Facility - Contamination and Geotech Investigations, ERSED controls</li> </ul>	
<b>Key Construction Activities Look Ahead</b>	
<ul style="list-style-type: none"> <li>▪ Construction site establishment preparation works at all sites:               <ul style="list-style-type: none"> <li>○ Continue Investigation works</li> <li>○ Continue Establish ERSED Controls</li> <li>○ Hoardings fences and barricading</li> <li>○ Station Plaza demolition</li> <li>○ Utilities location and isolation</li> </ul> </li> </ul>	
<b>ER Inspections</b>	
<p>The first ER site Inspection was conducted by the Mr Rui Henriques on 26/5/22 (ER inspections are on a fortnightly cycle weather permitting).</p> <p>Key points/ issues raised during this inspection were as follows:</p> <ul style="list-style-type: none"> <li>○ St Marys Construction Site –Signage as per CoA A47 was not present on Glossop Street entrance gate.</li> <li>○ Orchard Hills Services Facility - Signage as per CoA A47 was not present.</li> </ul>	
<b>Photos</b>	
	
<b>Claremont Meadows – Stabilised access installed.</b>	<b>Claremont Meadows – Contam. &amp; Geotech Investigations</b>
	
<b>St Marys (view west)- Fencing and project signage</b>	<b>St Marys Goods - Settlement sensors installed.</b>

	
<p><b>St Marys - Glossop St Entrance.</b></p>	<p><b>Orchard Hills - View south east along Kent St from No 52. Site fence line on the left</b></p>
	
<p><b>Orchard Hills- View southeast from No 52 Kent St to future pre-cast tunnel segment storage area</b></p>	<p><b>Orchard Hills Services Facility - Rear access to residences south of 52 Kent St.</b></p>
<p><b>Endorsed Document/s</b></p>	
<p>The following documents were endorsed by the ER:</p> <ul style="list-style-type: none"> <li>▪ Nil this period</li> </ul> <p>The following documents were provided for information or reviewed:</p> <ul style="list-style-type: none"> <li>▪ Preparatory Construction Works DNVIS</li> </ul>	
<p><b>Complaints / Incidents / Non-compliance</b></p>	
<p>No Non-Compliances, incidents or complaints reported to the ER</p>	
<p><b>Audits (specific to packages reported in this report)</b></p>	
<p>No audits were conducted during the reporting period.</p>	
<p><b>Looking Forward – Core Focus Areas</b></p>	
<p>Compliance with CoA E92</p> <p><b>ER Closing Comments:</b> Overall, environmental performance is good and initial works are well managed. The SBT works were granted Environment Protection Licence No. 21672 on 30/5/22.</p>	

Contract Package	Environmental Representative/s
Sydney Metro - Western Sydney Airport Surface and Civil Alignment Works (SCAW)	Rui Henriques/ Jo Robertson/Alex Gale
<b>Key Construction Activities During the Period</b>	
<ul style="list-style-type: none"> <li>▪ SMF Rural fencing installation at 101 Sweetwater Grove - LIW</li> </ul>	
<b>Key Construction Activities Look Ahead</b>	
<ul style="list-style-type: none"> <li>▪ Luddenham Rd Station survey, geotechnical &amp; contamination investigations - LIW</li> <li>▪ Elizabeth Drive compound survey, geotechnical &amp; contamination investigations – LIW</li> <li>▪ SMF survey, geotechnical &amp; contamination investigations – LIW</li> <li>▪ SMF Rural fencing installation at 101 Sweetwater Grove - LIW</li> </ul>	
<b>ER Inspections</b>	
No construction activities underway	
<b>Photos</b>	
Not applicable this period	
<b>Endorsed Document/s</b>	
<p>The following documents were endorsed by the ER:</p> <ul style="list-style-type: none"> <li>▪ Nil this period</li> </ul> <p>The following documents were provided for information or reviewed:</p> <ul style="list-style-type: none"> <li>▪ SM WSA Staging Report Rev 6</li> </ul>	
<b>Complaints / Incidents / Non-compliance</b>	
<p>One complaint received during the period. Some trucks, believed to belong to Sydney Metro works were parked along residential road and resident was unable to exit their property for a short period of time around 7am on 19/5/22.</p>	
<b>Audits (specific to packages reported in this report)</b>	
No audits were conducted during the reporting period.	
<b>Looking Forward – Core Focus Areas</b>	
Preparatory Construction CEMP	

### 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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PO Box K659  
HAYMARKET NSW 1240

17 May 2022

Ref: 201209\_CEMP\_EDR\_R3.2

Dear Hugh

**RE: Endorsement of the Sydney Metro Western Sydney Airport, Construction Environmental Management Plan Enabling Works at Badgerys Creek Road Area and Aerotropolis**

Thank you for providing the Sydney Metro Western Sydney Airport – Construction Environmental Management Plan Enabling Works at Badgerys Creek Road Area and Aerotropolis (Rev 3.2), dated 16 May 2022 (the CEMP) for Environmental Representative (ER) review and endorsement as required by Conditions of Approval C1, C2 and C3 of the Sydney Metro Western Sydney Airport project (SSI – 10051 July 23, 2021).

As an approved ER for the Sydney Metro Western Sydney Airport project, I have reviewed the CEMP and provided comment and now consider it consistent with the requirements in or under the Infrastructure Approval and the undertakings made in the documents listed in Condition A1.

Yours sincerely

Alex Gale

Environmental Representative – Sydney Metro Western Sydney Airport



HBI

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24 May 2022

Ref: 201209\_CEMP\_TfTL&S\_RD

Dear Hugh

**RE: Endorsement of the Sydney Metro Western Sydney Airport, Construction Environmental Management Plan Advanced and Enabling Works, St Marys Station Lift and Stair Relocation**

Thank you for providing the Sydney Metro Western Sydney Airport – Construction Environmental Management Plan Advanced and Enabling Works, St Marys Station Lift and Stair Relocation (Rev D), dated 20 May 2022 (the CEMP) for Environmental Representative (ER) review and endorsement as required by Conditions of Approval C1, C2 and C3 of the Sydney Metro Western Sydney Airport project (SSI – 10051 July 23, 2021).

As an approved ER for the Sydney Metro Western Sydney Airport project, I have reviewed the CEMP and provided comment and now consider it consistent with the requirements in or under the Infrastructure Approval and the undertakings made in the documents listed in Condition A1.

Yours sincerely

Alex Gale

Environmental Representative – Sydney Metro Western Sydney Airport