

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

7 July 2022
Ref: 201209-ER_DPIE-June 2022

Dear Alex,

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

Yours sincerely



Rui Henriques
Environmental Representative

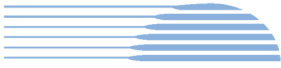
Cc:
Sydney Metro: Hugh Chapman, Jeremy Slattery
DPIE: Major Projects Portal

Enclosed:
Nil

| Contract Package | Environmental Representative/s |
|---|--------------------------------------|
| Sydney Metro - Western Sydney Airport Advanced and Enabling Works (AEW) | Rui Henriques/Alex Gale/Jo Robertson |
| Key Construction Activities During the Period | |
| <p>St Marys Temporary Bus Interchange (TBI) completed with final activity being:</p> <ul style="list-style-type: none"> ▪ Lethbridge and Philip Street roundabout adjustment and pedestrian crossing line marking ▪ Final defects rectification works <p>St Marys Station Lift Relocation:</p> <ul style="list-style-type: none"> ▪ Construction of pile foundations for stairs relocation including drilling and FRP ▪ Loadout of spoil from pile foundations construction <p>Elizabeth Drive & Badgerys Creek Rd. Roundabout 4th leg (EDR):</p> <ul style="list-style-type: none"> ▪ Utilities installation completed ▪ Road formation earthworks ▪ Road completed to base course ready for final pavement ▪ Stormwater water drainage including pipework drainage swales and headwalls installation completed ▪ Kerb and gutter complete ▪ Landscaping <p>Power Works:</p> <ul style="list-style-type: none"> ▪ Installed cable on Sunflower drive ▪ Kent Rd & Caddens Rd HDD completed, ▪ Cable installed into Claremont Meadows Zone Substation, along Gipps St & towards Kent ▪ M4 Horizontal directional drilling (HDD) ▪ HDD Kent Rd south of the M4 ▪ HDD Western Rd ▪ HDD and trenching along and across Badgerys Creek Road ▪ Cross Street conduit pull ▪ South creek HDD underbore ▪ Completed trenching on Martin Rd and Longleys Road crossing, ▪ Trenching and HDD underbore at Badgerys creek ongoing, installed cable sections in some areas | |
| Key Construction Activities Look Ahead | |
| <p>The Construction activities planned for the upcoming period are limited to Advanced Enabling Works (AEW) comprising:</p> <ul style="list-style-type: none"> ▪ St Marys Station Lift Relocation <ul style="list-style-type: none"> ○ Construction and adjustment of pile foundations for stair relocation to continue ○ Station Stairs relocation ▪ Elizabeth Drive & Badgerys Creek Rd. Roundabout 4th leg completion (EDR) <ul style="list-style-type: none"> ○ Paving and Asphalt works ○ Completion of landscaping works/ house keeping ○ Line marking ▪ Continuation of Power works as follows: <ul style="list-style-type: none"> ○ Badgerys Creek Road trenching and HDD remaining ○ HDD Cross St – completing Cross street work ○ Complete Cutle Road and South Creek underbores ○ Linking up conduits between Kent Rd north and south underbores, grouting of all bores, cable installation into substation and switching stations, Caddens Rd bore ○ Complete all conduit installation, cable installation various sections (to be pulling into substations) and jointing of cable (coming to a close shortly) on Wentworth Rd, Greendale Rd, Northern Road and Badgerys Creek Rd ○ Installing cable in Cross St, Unnamed Lane, Martin Rd, Longleys Rd, across Badgerys Creek and to Pitt St. | |
| ER Inspections (all conducted by the Alternate ER) | |
| <p>There were three ER Inspections (conducted by Mr Alex Gale) in June 2022 (ER inspections are on a fortnightly cycle weather permitting):</p> <ul style="list-style-type: none"> ▪ 1/06/2022 - Key points/ issues raised during this inspection were as follows: <ul style="list-style-type: none"> ○ Ground disturbance at Kent Road Power Works was still evident with some sections still requiring stabilisation, this action remains open from the previous inspection. | |



- The Power Works at Cross Street require additional ERSED controls around the culvert and appropriate ground cover to minimise erosion potential.
- The Power Works Lawson Road compound was in good order and controls noted from the previous inspection had been rectified.
- At Elizabeth Drive & Badgerys Creek Rd. Roundabout 4th leg all controls were well thought out and installed.
- At Elizabeth Drive & Badgerys Creek Rd. Roundabout 4th leg, clearing was undertaken as per the CEMP and approvals
- At the St Marys Station Lift relocation site a hydrocarbon spill was observed beside the portable bund underneath the existing stairs which needed to be cleaned up.
- At the St Marys Station Lift relocation site existing downpipes were allowed to discharge directly into the site, consideration should be given to re-routing this water to minimise the discharge risk from the project
- An excavator parked under a tree approved to be pruned appears to have clipped an existing branch, requirements in relation to parking storage under tree to be communicated to the workforce
- 15/06/2022 - Key points/ issues raised during this inspection were as follows:
 - For Power Works five items from previous inspections remained open or only partially addressed. These actions mainly concern stabilisation of areas and need to be rectified or programmed to be completed as a priority.
 - The Power Works entry / exit point at the Gipps St compound requires additional rock as there are wheel ruts formed in the adjacent mud that have the potential to track mud onto public roads
 - The Power Works at Cross Street and Badgerys Creek Road had most of the activity and it is noted that there is interface with other contractors and utility owners. Preplanning and documenting works zones is important to ensure that environmental controls are not forgotten about or assumed to be another party's responsibility
 - During the Power Works focus needs to put on ground stabilisation, suggested Quickway develop a stabilisation program that considers weather forecasts so works areas are stabilised ASAP.
 - A spill kit was not present at the At Elizabeth Drive & Badgerys Creek Rd. Roundabout 4th leg site. Given that there are four items of plant a spill kit needs to be supplied ASAP
 - At Elizabeth Drive & Badgerys Creek Rd. Roundabout 4th leg all controls including bunting, signage, and ERSED controls were in good condition at the time of the inspection
 - At the St Marys Station Lift relocation site all items from the previous inspection had been actioned
 - At the St Marys Station Lift relocation site spoil material was stockpiled within the site. Some material was up against the boundary fence and ERSED controls.
- 29/06/2022 - Key points/ issues raised during this inspection were as follows:
 - For Power Works three items from previous inspections remain open or only partially addressed. These actions mainly concern stabilisation of areas and need to be rectified or programmed to be completed as a priority.
 - For Power Works there needs to be a focus on stabilisation controls ahead of the predicted rain event later in the week. Sites that require stabilisation included Caddens Road, Kent Rd and Badgerys Creek Road. End of line controls e.g. sediment fence or coir logs are also required but should not be solely relied upon.
 - For Power Works, repairing damage to the existing drain along Kent Road is required and appropriate stabilisation and vegetation cover will be required.
 - At Elizabeth Drive & Badgerys Creek Rd. Roundabout 4th leg the action from the previous inspection was addressed with a spill kit being located within the work site
 - At Elizabeth Drive & Badgerys Creek Rd. Roundabout 4th leg a small concrete washout had been created in unused sand, however had not been installed properly and allowed concrete slurry to be washed over the sand.
 - At Elizabeth Drive & Badgerys Creek Rd. Roundabout 4th leg all other controls including bunting, signage, and ERSED controls were in good condition at the time of the inspection.
 - At the St Marys Station Lift relocation site all items from the previous inspection have been actioned
 - At the St Marys Station Lift relocation site spill kit and bunding materials are present on site and should be placed close to active works as the site constraints change
 - At the St Marys Station Lift relocation site Transport for Tomorrow (TfT) would like additional pruning of the fig tree present within the site. This tree was nominated to be pruned as per the approved CEMP and an arborist will need to be consulted prior to making a decision on whether additional pruning will be allowed.



Photos



Philip and Lethbridge line marking completed



EDR: A concrete washout had been formed in excess sand, however, was not properly constructed



EDR: Road constructed to base course & kerb and gutter



EDR: Stormwater drainage installed but not connected to existing flow paths.



St Marys lift relocation: Stairs foundation FRP



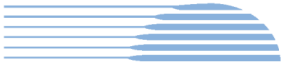
St Marys lift relocation: Considering additional pruning of fig tree



St Marys lift relocation: Suggested spill kit be moved to allow quick deployment.



Power –Gipps Street compound tidy and well managed



Power: Stockpile placed at the Caddens Rd bore needs appropriate erosion and sediment controls



Power: Gravel bags at Caddens Rd bore to be refreshed



Power: The southern side of the Kent Rd site needs to be stabilised prior to the forecast rain and additional end of line controls installed



Power: Existing gutter on Kent Rd needs reinstating to a functioning water channel.



Power: Badgerys Creek Road sections now complete require soil binder prior to forecast rain



Power – Works on Cross Street complete, and disturbed areas seeded and soil binder applied

Endorsed Document/s

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

- EDR OOHW 001 – Asphaltting and removal of traffic barriers
- OOHW - St Marys Footbridge Investigations
- TBI OOHW 1 – TBI and surrounding roads extension to 7/6/22
- TBI OOHW 2 - Lethbridge and Phillip Street Road Works extension 7/6/22

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|---|
| <p>The following documents were provided for information or reviewed with comments provided to Sydney Metro.</p> <ul style="list-style-type: none"> ▪ Nil this period |
| <p>Complaints / Incidents / Non-compliance</p> <p>One (1) complaint was received:</p> <ul style="list-style-type: none"> ▪ 8/06/2022 – Power :Claremont Meadows stakeholder concerned that restoration work were carried out earlier to what was communicated. Contractor advised the work undertaken was not authorised by them and restoration work would still go ahead as previously advised. <p>No non-compliances or incidents were reported to the ER for the Period:</p> |
| <p>Audits (specific to packages reported in this report)</p> <ul style="list-style-type: none"> ▪ Nil this period |
| <p>Looking Forward – Core Focus Areas</p> <ul style="list-style-type: none"> ▪ Nil <p>ER Closing Comments:</p> <p>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.</p> <ul style="list-style-type: none"> ▪ Although the AEW Power subcontractor requires a greater level effort in terms of resolving concerns highlighted by the ER, 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 |
| <p>Key Construction Activities During the Period</p> <ul style="list-style-type: none"> ▪ Saint Marys: <ul style="list-style-type: none"> ○ Fencing, ERSED controls, Utilities investigations, Contamination and Geotech investigation works ongoing, Soft stripping and hazmat removal at Station Plaza. ○ Vegetation clearing and grubbing between Glossop St and Goods Shed. ▪ Claremont Meadows Services Facility - Site establishment, Contamination and Geotech Investigations, ERSED controls, fencing, preparing for main access roads and laydown hard stand area ▪ Orchard Hills – Pre-clearing, Contamination and Geotech investigation works ongoing as well a commencement of Hazmat removal and soft stripping of residences on Kent Road. ▪ Aerotropolis – Contamination and Geotech Investigations, ERSED controls, utilities location fencing ▪ Bringelly Services Facility - Contamination and Geotech Investigations, ERSED controls | |
| <p>Key Construction Activities Look Ahead</p> <ul style="list-style-type: none"> ▪ Construction site establishment preparation works at all sites: <ul style="list-style-type: none"> ○ Commence Earthworks for Site establishment at St Marys – dependent on results and conclusions of DSI ○ Continue Investigation works ○ Continue Establish ERSED Controls ○ Hoardings fences and barricading ○ Station Plaza demolition ○ Utilities location and isolation | |
| <p>ER Inspections</p> <p>There were two (2) ER Inspections (conducted by the Mr Rui Henriques) in June 2022 (ER inspections are on a fortnightly cycle weather permitting).</p> <ul style="list-style-type: none"> ▪ 9/06/2022 - Key points/ issues raised during this inspection were as follows: <ul style="list-style-type: none"> ○ Nil this inspection. | |

- 23/06/2022 - Key points/ issues raised during this inspection were as follows:
 - Claremont Meadows Services Facility – Sediment fence incomplete. CPBG to finalise sediment fence installation
 - Claremont Meadows Services Facility – Storage of plant and equipment with delivered by Heavy vehicles, however, stabilised access and wheel cleaning facilities have not been provided. CPBG to provide adequate stabilised access and wheel cleaning facilities
 - Claremont Meadows Services Facility – - Area of removal of legacy stockpile by Enviropacific (AEW Contractor), including the access track, has not been stabilised in accordance with the Low Impact works application and approval. Sydney Metro to rectify.
 - St Marys construction site - Clearing and grubbing underway from Glossop St to the Goods Shed under the PCEMP, resulting in disturbance of soils in moderate to high risk contaminated sites as identified in the documents identified in Condition A1. CPBG to provide evidence of compliance with Condition E92, otherwise a Non-Compliance should be raised, and the Secretary notified.
 - St Marys construction site - CPBG to install adequate Erosion and Sediment Control measures in accordance with the Blue Book between in cleared areas.

Photos



Claremont Meadows – Sediment fence incomplete along new Gipps St.



Claremont Meadows – Adequate Stabilised access and wheel wash required at southern entrance



Claremont Meadows (view south)- Area of removal of legacy stockpile by Enviropacific to be stabilised



St Marys – Clearing and Grubbing between Glossop Street not compliant with Condition E92.



St Marys – Cleared Areas require improved Erosion and Sediment Control measures per the Blue Book.

St Marys – Station Plaza Soft Stripping



Aerotropolis - Temporary sheds set up on access road constructed by Transport for NSW outside the SSI



Bringelly Services Facility – Temporary Sheds installed.

Endorsed Document/s

- The following documents were endorsed by the ER (Rui Henriques):
- OOHW 003 - Elizabeth Drive & Badgerys Creek Rd Survey Controls confirmation
 - OOHW 005 - Mamre & Luddenham Rds. Survey controls confirmation

- The following documents were provided for information or reviewed:
- Nil this period

Complaints / Incidents / Non-compliance

One Noncompliance was identified by the ER:

- Noncompliance with Condition E92 - Clearing and grubbing from Glossop St to the Goods Shed under the PCEMP, resulting in disturbance of soils in moderate to high risk contaminated sites as identified in the documents identified in Condition A1. Although DSI fieldworks ad been underway the ER has not received evidence that the requirements of condition E92 have been met prior to the subject works.

Three (3) complaints were received:

- 2/06/2022 – Stakeholder contacted CPBG regarding tyre damage. No further information received by the ER
- 6/6/2022 – Stakeholder on Chesham St complained about vibration being felt on their property after 6pm. Stakeholder informed no works capable of causing vibration works were taking place and also, CPBG were not working after 6pm.
- 6/6/2022 – Same stakeholder on Chesham St complained about vibration being felt at their home after 6pm. Stakeholder informed that CPBG were conducting works capable of causing vibration.

No incidents reported to the ER this period

Audits (specific to packages reported in this report)

No audits were conducted during the reporting period.

Looking Forward – Core Focus Areas

Compliance with CoA E92

ER Closing Comments: Despite the non-compliance outlined above which is likely the result of deficiencies in internal communications, environmental performance is good and initial works are well managed, and the Project continues is 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 Surface and Civil Alignment Works (SCAW) | Rui Henriques/ Jo Robertson/Alex Gale |
| Key Construction Activities During the Period | |
| <ul style="list-style-type: none"> ▪ Nil this period | |
| Key Construction Activities Look Ahead | |
| <ul style="list-style-type: none"> ▪ Luddenham Rd Station survey, geotechnical & contamination investigations - LIW ▪ Elizabeth Drive compound survey, geotechnical & contamination investigations – LIW ▪ SMF survey, geotechnical & contamination investigations – LIW | |
| ER Inspections | |
| No construction activities underway | |
| Photos | |
| Not applicable this period | |
| Endorsed Document/s | |
| <p>The following documents were endorsed by the ER:</p> <ul style="list-style-type: none"> ▪ Nil this period <p>The following documents were provided for information or reviewed:</p> <ul style="list-style-type: none"> ▪ LIW 44 SMF survey, geotechnical and contamination investigations ▪ LIW 47 SMF Utilities Investigations Mamre Rd, Luddenham Rd & Solander Dr ▪ LIW 49 Luddenham Rd Station survey, geotechnical and contamination investigations ▪ LIW 50 Elizabeth Drive Compound and alignment survey, geotechnical and contamination investigations ▪ Preparatory Works CEMP (Rui Henriques) ▪ CAQMP (Alex Gale) ▪ CSWMP (Alex Gale) | |
| 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 | |

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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