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7 March 2025 Ref:201209-ER_DPHI-February 2025

Ms Senior Compliance Officer – Government Projects Department of Planning, Housing and Infrastructure Locked Bag 5022 PARRAMATTA NSW 2124



RE: Sydney Metro - Sydney Metro Western Sydney Airport SSI 10051 – ER Monthly Report for February 2025

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, and as modified 14 April 2022)

The attached summary details the key activities undertaken by Environmental Representatives for Sydney Metro Western Sydney Airport for February 2025.

Yours sincerely

Environmental Representative

Cc: Sydney Metro:

DPHI: Major Projects Portal

Enclosed: ER endorsement of SSTOM Linewide DNVIS Rev 0 ER endorsement of FSM DNVIS Rev D

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1. Advanced and Enabling Works (AEW)

Contract Package	Environmental Representative/s				
Advanced and Enabling Works (AEW)					
EPL: None					
Key Construction Activities During the Period					
 St Marys Footbridge (FSM): 					
 Footing was poured in the deflection wall excavation 					
• Material was stored at loadout locations to be loaded out during normal working hours					
 Excavation ongoing on the road behind the Harris St carpark 					
 Precast panels were lifted into place on platforms 1/2 and 3/4 					
 Pile breakback and excavation of material occurred on platforms 1/2 and 3/4 					
Key Construction Activities Look Ahead					
Construction activities planned for the upcoming period for the Advanced Enabling Works (AEW) comprise of:					
St Marys Footbridge:					
 Deflection wall continues to be constructed 					
 Installation of reinforcement and concrete p 	ours on platforms 1/2 and 3/4				
 Works continue on the road behind the Harr 	ris St carpark				
ER Inspections					
There were two (2) inspections of the St Marys Station Footbridge contract conducted on 12/02/25 and 22/02/25 by the ER (AG).					
Key points/issues raised during the inspections were	as follows:				
 The storm event prior to the 12/02/25 inspection was well managed on the site with retained water pumped to the storage tanks for testing and treatment, prior to discharge within the rail corridor Issues identified during the inspections include: 					
- .	tallation to prevent mud being tracked onto public				
 Ineffective ERSED controls around the stock MAF 	piled material stored at MAF1 and the Hobart St				
\circ Worker access through the Harris St public c	arpark resulting in muddy footprints				
 Rectification and stabilisation of drainage lin 	les				
 Housekeeping to be immediately acted upor 	n				
The ER noted that the contractor project management was receptive and immediately commenced					
actioning issues identified, however the contractor systems and inspection regime should have identified					
most of these issues prior to the ER attending site.					

Photos





Compound: Water pumped from the platforms to a wastewater truck to be disposed of offsite.



Compound: Concreting works are ongoing for the deflection wall.



Compound: Excavations have commenced on the road behind the Harris St carpark.



Compound: The site access to Harris St required more frequent cleaning.



MAF1: The site access required additional stabilisation to prevent mud tracking.



MAF1: The ERSED controls at the rear of the stockpiled material were not present during the inspection.



Complaints / Incidents / Non-compliance

No non-compliances were reported to the ER during the period

No incidents were reported to the ER during the period:

No complaints were received during the period.

Audits (specific to packages reported in this report)

Independent Environmental Audit (IEA) 6 undertaken 03/02/2025

Looking Forward – Core Focus Areas

Planning of out of hours works has been ongoing, however implementation of key environmental controls requires additional checks prior to the commencement of busy work periods. The ER will remain involved in the planning sessions and will additionally request evidence of inspection prior to commencement of any out of hours works.

ER Closing Comments:

The contractor has been reminded to pre-empt scenarios and adjust their risk register accordingly. At this point in time key issues include:

- Mud tracking
- Water management
- Noise
- Segregation of waste streams
- Interaction with members of the community

2. Station Boxes and Tunnelling (SBT)

Contract Package	Environmental Representative/s				
Station Boxes and Tunnelling (SBT)					
EPL: 21672 (surrendered)					
Key Construction Activities During the Period					
No works were undertaking during the period and the sites have been handed over to the SSTOM package of works					
Key Construction Activities Look Ahead					
No further works, all sites have been handed over to SSTOM					
ER Inspections					
There were no routine ER inspections conducted during February 2025					
Photos					
None					
Endorsed Document/s					
The following documents were endorsed/approved by the ER:None during the period					
The following documents were provided for information or review as applicable:None during the period					
Complaints / Incidents / Non-compliance					
There were no non-compliances with the Approval raised by or reported to the ER this period					
There were no incidents identified by or reported to the ER this period.					
No complaints were received during the period.					
Audits (specific to packages reported in this report)					
 Independent Environmental Audit (IEA) 6 					
Looking Forward – Core Focus Areas					
The SBT project is complete. The ER remains involved for review of any final documents or reports. Reporting for any remaining SBT ER items will be by exception and itemise as handover items within SSTOM package. This section of the ER report will be removed going forward.					



3. Surface and Civil Alignment Works (SCAW)

Contract Package	Environmental Representative/s				
Surface and Civil Alignment Works (SCAW)					
EPL: 21695					
Key Construction Activities During the Period					
Key Construction Activities Look Ahead	Key Construction Activities Look Ahead				
 Patons Lane: No further activities as area has been handed over to SSTOM 					
 Stabling and Maintenance Facility (SMF) Orchard Hills: No further activities as area has been handed over to SSTOM 					
 Defence Land: No further activities as area has been handed over to SSTOM 					
 Luddenham Station: Weed management 					
 Luddenham Road South: No further activities as area has been handed over to SSTOM 					
 M12 to Cosgroves Creek: No further activities as area has been handed over to SSTOM 					
 Elizabeth Drive: No further activities as area has been handed over to SSTOM 					
ER Inspections					
There were no routine ER inspections conducted dur	ing February 2025				
Photos					
None					
Endorsed Document/s					
The following documents were endorsed/approved by the ER:None for the period					
The following documents were provided for information or reviewed:None for the period					
Complaints / Incidents / Non-compliance					
There were no non-compliances with the Approval raised by or reported to the ER this period					
There were no incidents identified by or reported to the ER this period.					
There were no complaints reported to the ER this period.					
Audits (specific to packages reported in this report)					
 Independent Environmental Audit (IEA) 6 					

Looking Forward – Core Focus Areas

The SCAW project is largely complete with all areas handed over to SSTOM. The SCAW contractor continues to undertake weed management under the systems of the SSTOM contractor. Final documentation for PS105 is being developed and it is anticipated that this area will be handed back to Sydney Metro in March 2025.

As with SBT, the ER remains involved for review of any final documents or reports. Reporting for any remaining ER items will be by exception and itemise as handover items within SSTOM package. This section of the ER report will be removed going forward.

4. Stations, Systems, Trains, Operations and Maintenance Package (SSTOM)

Cor	ntract Package	Environmental Representative/s				
Stations, Systems, Trains, Operations and Maintenance Package (SSTOM). Contractor Parklife Metro (PLM)						
EPL	EPL: 210801					
Key	Key Construction Activities During the Period					
Stations						
•	 St Mary's Station (STM): Station box FRP ongoing Tower Crane 2 pad construction complete 					
•	 Orchard Hills Station (OHE): Station box FRP ongoing Concrete batch plant operations ongoing Delivery of construction materials to the laydown area (particularly at OHE North) OSOM beam deliveries laydown for STM ongoing Flash butt welding works commenced ULX piling works commenced Sewerage service installation works commenced Luddenham Station (LUD): Detailed excavation and concrete works continued 					
	 FRP above-ground works continued Connection to mains power completed In-ground electrical conduit installation ongoing 					
•	 Bradfield Station (BRD) (Formerly Aerotropolis Co Suspended slab construction commenced Station box FRP ongoing Suspended slabs commenced and then wall p Interface management is ongoing with WPCA Pre-cast beam delivery (OSOM) and installation Decommissioning of WTP commenced 	oours to recommence Contractor - WEM				
Line	ewide					
•	 Stabling and Maintenance Facility (SMF): Earthworks scope ongoing for the surface are Sub-station construction ongoing. Pours are of Substation joint bay works/service installation Delivery of materials ongoing Permanent drainage works ongoing Combined service route (CSR) works ongoing FRP for the Maintenance and Administration ongoing 	ongoing and blast wall installation ongoing n on Patons Lane ongoing				

- Claremont Meadows Services Facility (CMSF):
 - Site set-up works ongoing
 - Installation of ventilation systems
 - o Installation of sump standpipe for water re-use on site ongoing
- Bringelly Services Facility (BSF):
 - Site establishment ongoing
 - $\circ \quad \text{Installation of the noise wall completed}$
 - \circ $\;$ Earthworks for laydown area in the western rear section of site commenced $\;$
- Lansdowne Rd to Patons Lane:
 - \circ $\;$ Site establishment works lay down ongoing and crib shed completed $\;$
 - Flash butt welding pad extension ongoing
 - ULX piling works ongoing
- Luddenham Road to M12:
 - o Bulk civil works up near M12 to support lay down activities ongoing
 - \circ $\;$ Combined services trenching (CST) works ongoing
 - \circ $\hfill\hfilt$
- Portion 4 (M12 to Elisabeth Drive):
 - $\circ \quad \text{Site establishment ongoing} \\$
 - o Rail welding ongoing
 - GST works ongoing

Key Construction Activities Look Ahead

Stations

- St Mary's Station (STM):
 - \circ $\;$ Station box wall FRP to continue
 - \circ Tower crane 2 erection and operating Early March 2025
 - Precast beam installation
 - Tunnel fit out works to commence
- Orchard Hills Station (OHE):
 - \circ $\;$ Station box wall FRP to continue
 - o Delivery of construction materials to laydown area (particularly at OHE North)
 - Batch plant operations are ongoing and OOH
 - Tunnel fit out works to commence
 - o Precast beam installation

Luddenham Station (LUD):

- $\circ \quad \mbox{Station footprint excavation is ongoing} \\$
- FRP / Concrete ongoing
- Site-won stockpiling ongoing.
- Low-impact steel fixing evening works
- \circ $\:$ In-ground electrical conduit installation LV/HV ongoing
- o Bulk excavation for the station and precinct areas

- Bradfield Station (BRD) (previously Aerotropolis Core AEC):
 - FRP wall pours ongoing
 - Precast beam and plank deliveries ongoing
 - WTP to be demobilised
 - Permanent batter installation on eastern boundary

Linewide

HBI

- Stabling and Maintenance Facility (SMF):
 - Permanent drainage works ongoing
 - Permanent stockpile (PS-102) relocation works ongoing
 - o Construction of permanent detention basin
 - Substation, M&A and OCC buildings FRP works ongoing
 - o CSR works
 - Patons Lane bulk power supply works
- Claremont Meadows Services Facility (CMSF):
 - Site set-up to be complete
 - o Ventilation system to be installed
 - o Delivery of materials and tunnel fit out works to commence
- Bringelly Services Facility (BSF):
 - Ventilation system to be installed
 - \circ $\;$ Site establishment ongoing with the installation of the noise wall to occur
 - o Delivery of materials and tunnel fit out works to commence
- Lansdowne Rd to Patons Lane:
 - o Site set-up works to be complete
 - Sewage service installation works to commence
 - Flash butt welding pad extension to be complete
 - ULX piling works ongoing
- Luddenham Road to M12:
 - Concreting/FRP works
 - Rail dragging and installation
- M12 to Elisabeth Drive:
 - GST installation ongoing
 - o Flash butt welding

Handovers

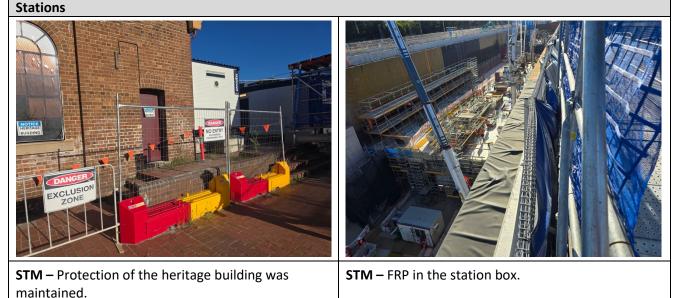
 $\circ~$ Portion 4B and 1C handover – March 2025

ER Inspections

Three ER inspections were conducted during this period, with the Linewide portions inspected on 12 and 25 February 2025 and the Stations inspected on 18 February 2025. Key points/issues raised during the inspections were as follows:

- STM Maintenance of weeds was discussed including onsite and in adjacent areas from the site.
- ORH Noted work to reshape the batter on the northern site of Orchard Hills station interface had commenced and ESC implementation on completion of earthworks was discussed with PLM. It was noted that polymer may be applied to the batter.
- Linewide Weed maintenance was required on all Linewide sites. It was noted that percurrent issues for new portions delays implementation of mitigation measures.
- Linewide M12 to Elisabeth Drive It was noted that a large amount of concrete waste had been stockpiled without bunding adjacent to a swale that flowed offsite into a nearby dam. Several concrete truck wash out had also occurred into this stockpiled area. PLM were advised to install temporary bunds and to find a more appropriate storage location (noting that ample space is available in this area)
- Linewide Claremount services shaft it was noted that a small pump sump had filled with sediment and required desilting. DGB had also been installed for foot access to the shaft, however, drainage of this area had not been installed. It was suggested that drainage be installed.
- General All site access gates, and erosion and sediment controls were generally maintained.
- General housekeeping was noted to require attention across all sites for rubbish pickup and a large amount of including cigarette butts in toolbox/smoke areas.









CMSF – It was noted that a pump sump filled with sediment and required cleaning.

CMSF – It was noted that ventilation installation had commenced.





Endorsed Document/s

The following documents were endorsed/approved by the ER:

Linewide DNVIS Rev 0

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

- Submissions Board, Submissions Forecast and ICD Board 5 February 2025
- Submissions Board, Submissions Forecast and ICD Board 26 February 2025
- Sydney Metro WSA site specific Community Communications Site (CCS) Specific Sub-Plans
- Groundwater Construction Monitoring Report Rev01
- Quarterly Sustainability Report FY25 Q2 01 October 2024 31 December 2024 Rev 07
- Groundwater CMR 1 and 2
- Noise and Vibration Construction Monitoring Report Aug-24 to Jan-25 Rev.00
- OOHW Register Updates 27-02-2025

Complaints / Incidents / Non-compliance

There was one non-compliance with the Approval reported to the ER during this period:

NCR-008 – Orchard Hills for work out of approved hours (removal of plant) was self-reported by PLM.

Two minor oil spill incidents were reported to the ER during this period.

There was one project complaint, and one non-project complaint reported to the ER during the period, concerning:

- One enquiry for ongoing management between contractors. (not listed as a project complaint)
- One complaint at Orchard Hills for out of hour work (raised by PLM as NCR-008)

Audits (specific to packages reported in this report)

The second Audit of PLM activities commenced in February 2025

Looking Forward – Core Focus Areas

The focus continues to be the review and implementation of the CEMP and sub-plans, with a focus on site setup of Linewide areas, erosion, training requirements, ESC and traffic/parking.

ER Closing Comments: The project has continued to display a generally high level of compliance with the sites, which is generally well-managed. It is noted that the sites have been in lower risk while major works have not commenced. The ER noted that project risks will increase as the Linewide sites are established and the high-risk activities (i.e. earthworks) commence. The rapid response of the Orchard Hills team to investigate the out of hours complaint and self-raise the NCR was noted as being a good practice.

Key environmental issues raised with PLM include:

- Final design completion and water management
- Minor Erosion and Sediment Control updates
- Noise from new activities
- Contractor parking
- Weed management
- Stockpile tracking and management



5. 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 the Department of Planning, Housing and Infrastructure (DPHI) 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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24 February 2025

Director Sustainability Environment & Planning SMWSA Sydney Metro Transport for NSW PO Box K659 HAYMARKET NSW 1240 Ref: 201209(

A.B.N. 39 003 270 693

Ref: 201209(d)_DNVIS_SSTOM_Linewide Rev 0

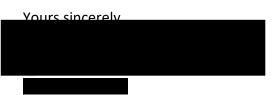
Dear

RE: Approval of the Sydney Metro Western Sydney Airport, SSTOM Linewide DNVIS Rev0 (SMWSASSM-PLD-SWD-SW000-NV-RPT-000003)

Thank you for providing the Sydney Metro Western Sydney Airport – SSTOM Linewide Detailed Noise and Vibration Impact Statement (Rev 0), dated 13 February 2025 (the DNVIS) for Environmental Representative (ER) review and approval; as the Sydney Metro approved delegate pursuant to the Construction Noise and Vibration Standard v4.3 (the CNVS), Section 1.4.4, approved as part of the submissions report under the Sydney Metro Western Sydney Airport project (CSSI – 10051 July 23, 2021).

As the Sydney Metro approved delegate, I have reviewed the DNVIS and comments made by Sydney Metro, provided comments and now consider the DNVIS consistent with the requirements and principles in or under the CNVS.

I remind you that pursuant to the CNVS, should the scope of work or the timing of works change, the Principal Contractor must update the DNVIS and seek subsequent approval by the ER for the new version.



Environmental Representative – Sydney Metro Western Sydney Airport



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11 February 2025

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

A.B.N. 39 003 270 693

Ref: 201209_DNVIS_FSM_D

Dear

RE: Approval of the Sydney Metro Western Sydney Airport, Advanced Enabling Works – Footbridge St Mary's- Detailed Noise and Vibration Impact Statement

Thank you for providing the Sydney Metro Western Sydney Airport – Advanced Enabling Works – Footbridge St Mary's Detailed Noise and Vibration Impact Statement (Rev D), dated 24 January 2025 (the DNVIS) for Environmental Representative (ER) review and approval, as the Sydney Metro approved delegate pursuant the Construction Noise and Vibration Standard v4.3 (the CNVS), Section 1.4.4, approved as part of the submissions report under the Sydney Metro Western Sydney Airport project (SSI – 10051 July 23, 2021).

The main changes made to the DNVIS were the updating of the timings of work scenarios to reflect the delay in program, and refining the predicted construction noise levels.

As the Sydney Metro approved delegate, I have reviewed the DNVIS and provided comment, and now consider the DNVIS consistent with the requirements and principles in or under the CNVS.

I remind you that pursuant the CNVS, should the scope of work or the timing of works change, the Principal contractor must update the DNVIS and seek subsequent approval by the ER for the new version.

Yours sincerely

