

7 March 2024

Ref:201209-ER\_DPHI-February 2024

[REDACTED]  
[REDACTED]  
Department of Planning, Housing and Infrastructure  
Locked Bag 5022  
PARRAMATTA NSW 2124

Dear [REDACTED]

**RE: Sydney Metro - Sydney Metro Western Sydney Airport SSI 10051 – ER Monthly Report for February 2024**

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 February 2024.

Yours sincerely

[REDACTED]  
Environmental Representative

Cc:

Sydney Metro: [REDACTED]

DPHI: Major Projects Portal

Enclosed:

ER Endorsement of SBT CNVMP R02 200224



ER Endorsement of SBT FFMP R02 200224



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**1. Advanced and Enabling Works (AEW)**

Contract Package	Environmental Representative/s
Advanced and Enabling Works (AEW)	[REDACTED]
<b>Key Construction Activities During the Period</b>	
<ul style="list-style-type: none"> <li>▪ <b>St Marys Footbridge (FSM):</b> <ul style="list-style-type: none"> <li>○ Minimal construction activities were being undertaken</li> <li>○ Developing methodology to repair the damaged internal road</li> </ul> </li> </ul>	
<b>Key Construction Activities Look Ahead</b>	
<p>The Construction activities planned for the upcoming period for the Advanced Enabling Works (AEW) comprise of:</p> <ul style="list-style-type: none"> <li>▪ <b>St Marys Footbridge:</b> <ul style="list-style-type: none"> <li>○ Continuation of piling works</li> <li>○ Service investigations</li> <li>○ Planning for weekend 38 works</li> </ul> </li> </ul>	
<b>ER Inspections</b>	
<p>There was one (1) inspection of the St Marys Station Footbridge contract undertaken by [REDACTED] in February 2024 (ER inspections are on a fortnightly cycle weather and health permitting).</p> <p><b>St Marys Footbridge</b></p> <ul style="list-style-type: none"> <li>▪ <b>15/02/2024</b> - Key points/ issues raised during this inspection were as follows: <ul style="list-style-type: none"> <li>○ Minimal works are being undertaken on the project, resulting in a low risk profile</li> <li>○ The internal road is required to be rectified, even to a temporary state, prior to the possession on 16/17 March</li> <li>○ Update to the CEMP, including the water reuse strategy, is required prior to the 16/17 March 2024 possession.</li> </ul> </li> </ul>	
<b>Photos</b>	
<b>St Marys Footbridge</b>	
	
<p><b>Compound</b> - Materials are the only items stored in the laydown areas, there is no spoil</p>	<p><b>Compound</b> - The internal road requiring repair is to be scheduled prior to the 16th of March</p>



**Compound** - End of line controls are installed well with minimal sediment build up

**Hobart St** - The stockpiles have been removed from Hobart St

**Endorsed Document/s**

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

- None for the period

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

- Western Sydney Airport Advanced and Enabling Works, Footbridge St Marys - Construction Environmental Management Plan (rev H)

**Complaints / Incidents / Non-compliance**

No non-compliances or incidents were reported to or identified by the ER for the period.

No complaints were received during the period.

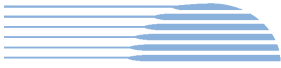
**Audits (specific to packages reported in this report)**

- Independent Environmental Audit (IEA) 4 inspections, desktop reviews and interviews completed and RFI received by the project. IEA Draft report due mid-March.

**Looking Forward – Core Focus Areas**

Minimal works has occurred on the FSM project during February 2024. The focus is planning for weekend 38 (16 and 17 March 2024) possession. The ER has been involved in all planning meetings. The next ER inspection will occur during weekend 38 to assess compliance of the main body of work undertaken by the contractor.

**ER Closing Comments:**  
Project leadership has been in discussions with the ER to understand compliance requirements, so far this has been effective. In addition to this the ER has been working closely with TfNSW to ensure documentation is reviewed with adequate time. With regard to weekend 38 works, heavy vehicle movements, noise, dust and mud tracking will be focus areas.



## 2. Station Boxes and Tunnelling (SBT)

Contract Package	Environmental Representative/s
Station Boxes and Tunnelling (SBT)	[REDACTED]
<b>Key Construction Activities During the Period</b>	
<ul style="list-style-type: none"> <li>▪ St Marys:               <ul style="list-style-type: none"> <li>○ No SBT activities this period</li> </ul> </li> <li>▪ Claremont Meadows Services Facility:               <ul style="list-style-type: none"> <li>○ Water treatment plant operating.</li> <li>○ Sediment basins operational.</li> <li>○ Upgrade and refresh of erosion and sediment controls</li> <li>○ Storage of surplus construction materials from other northern sites</li> <li>○ Tunnel blinding rings and traverse support structure removal and installation of ventilation and soil conveyors, and waste water pipework for discharge to trade waste at Claremont Meadows.</li> <li>○ Tunnel segment transfer from Orchard Hills and craneage to shaft during Standard Construction Hours</li> </ul> </li> <li>▪ Orchard Hills:               <ul style="list-style-type: none"> <li>○ Spoil and topsoil storage.</li> <li>○ Operation and maintenance of ERSED controls.</li> <li>○ Pre-cast tunnel segment storage in the north.</li> <li>○ TBMs tunnelling progressed into The Kingsway parklands at St Marys</li> <li>○ Tunnel segment delivery</li> <li>○ Processing and storage of tunnel spoil.</li> <li>○ Tunnel Spoil haulage offsite</li> <li>○ Grout plant operation.</li> <li>○ Water treatment plant operation and disposal to trade waste at Claremont Meadows.</li> </ul> </li> <li>▪ Aerotropolis:               <ul style="list-style-type: none"> <li>○ No SBT activities this period</li> </ul> </li> <li>▪ Bringelly Services Facility:               <ul style="list-style-type: none"> <li>○ Water treatment plant Operation</li> <li>○ Storage of surplus construction materials from other southern sites.</li> <li>○ Installation of support blocks and structure for TBM traverse</li> <li>○ TBMs Eileen and Peggy breakthrough on 29/2/24.</li> </ul> </li> </ul>	
<b>Key Construction Activities Look Ahead</b>	
<ul style="list-style-type: none"> <li>▪ St Marys:               <ul style="list-style-type: none"> <li>○ Preparatory activities for installation of retrieval crane and re-establishment to western end of station box.</li> <li>○ SBT activities (TBM retrieval) anticipated to resume May/June 2024</li> </ul> </li> <li>▪ Claremont Meadows Services Facility:               <ul style="list-style-type: none"> <li>○ Continue erosion and sediment controls operation and maintenance.</li> <li>○ Continue Water Treatment Plant operation and maintenance.</li> <li>○ Storage of surplus construction materials from other northern sites.</li> </ul> </li> </ul>	





- Commencement of tunnelling support activities.
- Orchard Hills:
  - Activities anticipated for the upcoming period are generally consistent with those for this period.
- Aerotropolis:
  - Preparatory activities for installation of retrieval crane and re-establishment to northern areas of station box.
  - SBT activities (TBM retrieval) anticipated to resume June/July 2024
- Bringelly Services Facility:
  - Continue Erosion sediment controls operation and maintenance.
  - Operation of WTP.
  - TBM traverse and removal of support structures.
  - Tunnelling support activities currently under assessment as part of a Consistency Assessment / Environmental Review

**ER Inspections**

There were Three (3) ER Inspections conducted on 1/2/24, 15/2/24 and 29/2/24 by [REDACTED]  
Key points/ issues raised during the inspections were as follows:

- Sites were generally well managed with maintenance of and adjustments to erosion and sediment controls ongoing at the sites.
- The good condition of the Orchard Hills internal haul road and of Kent Rd from the SBT HV access was being maintained and tracking was negligible, however, increased tracking resulting from lower frequency of use of water cart on the exit apron and street sweeper on internal roads was noted at the inspection of 29/2/24.
- At Bringelly and Orchard hills weeding needed to be conducted across the sites as a matter of priority
- At Claremont Meadows it was noted that the condition of the internal roads is likely to need improvements to cope with the increased intensity of use from upcoming tunnelling support activities, and mitigate risk of tracking onto Gipps Rd.
- At Claremont Meadows, discussed the use of non-tonal alarms and crane lift alarms during upcoming night tunnel support activities and the need for robust plant onboarding processes, and discussed the need to ensure noise mitigation measures identified in the DNVIS are in place before the respective OOH activities commence.

ER inspections are on a fortnightly cycle. Inspections of St Marys and Aerotropolis sites are paused until SBT site establishment activities for TBM retrieval commence.

**Photos**



**Orchard Hills** – Weeding campaign required .



**Kent road view north at site access** – Suggest increasing frequency of use of water cart on the exit apron and street sweeper on internal roads.



**Orchard Hills view south** – Internal haul road to exit apron would benefit from more frequent watercart use and sweeping.



**Orchard Hills view north** – Tunnel spoil storage area continues to be well managed.



**Orchard Hills** – Manual truck wash following automated wheel wash.



**Orchard Hills south** – Soil conservationist reviewing operation and adequacy of stormwater sumps..



**Orchard Hills view south** – Stabilisation of spoil stockpile adjacent sediment basin SB8 completed.



**Claremont Meadows shaft view north** – Blind rings removed , and pipelines, spoil conveyor system and ventilation system installed.



**Claremont Meadows shaft view north** – Tunnel segment delivery from Orchard Hills.



**Claremont Meadows north west** – Tunnel segment storage and crane to shaft.





**Claremont Meadows western areas** – Implementation of ESCP reviewed by Soil Conservationist completed.

**Claremont Meadows** – Negligible tracking noted from southern site access onto Gipps Road.



**Bringelly Facility west** – Weeding campaign required.



**Bringelly facility** – Sediment basin empty and well managed.

**Endorsed Document/s**

The following documents were endorsed/approved by the ER:

- CNVMP (Rev 02, 20/2/24) - Annual review.
- FFMP (Rev 02, 20/2/24) - Annual review.

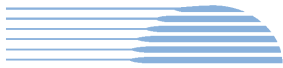
The following DNVIS was approved by the ER as the Sydney Metro (SM) approved delegate pursuant to Section 1.4.4 of the Construction Noise and Vibration Standard v4.2:

- Detailed Noise and Vibration Impact Statement Addendum - Claremont Meadows (Rev 3.0), dated 14 February 2024 – including tunnelling support works.

The following documents were provided for information or review as applicable:

- Surface Water Quality Monitoring Program (Rev 02, 20/2/24).
- Groundwater Monitoring Program (Rev 02, 24/10/23) – Revised following completion of baseline groundwater assessment.
- Environmental Review – Claremont Meadows tunnelling Support Activities (Drafts 2.0 and 3.0)
- January Monthly Monitoring Reports comprising Dust (real-time), Noise and Surface Water.
- Biannual Groundwater Monitoring Report July to November 2023 (Rev B, 29/1/24).
- Detailed Noise and Vibration Impact Statement - Bringelly Services Facility (Rev 3), dated 19 February 2024 – including tunnelling support works (document approved by the Acoustic Studio as a Sydney Metro (SM) approved delegate pursuant to Section 1.4.4 of the Construction Noise and Vibration Standard v4.2.
- St Marys Station Permeable Reactive Barrier (PRB) Monthly Mitigation Monitoring Report 5 - November 2023.





- Site Audit Statement (Section B) and Site Audit report - Remedial Action Plan, St Marys Station Box And Tunnelling Works, Sydney Metro Western Sydney Airport, Rev 0 dated 16/2/24.
- Site Audit Statement (Section A) and Site Audit report - St Marys Station Box Remediation And Construction Phase Groundwater Management, Sydney Metro Western Sydney Airport, Rev 01 dated 16/2/24.
- St Marys Station Environmental Management Plan - Construction phase groundwater monitoring from contamination at 1-7 Queen St Sydney Metro Western Sydney Airport, Rev 00 dated 15/2/24.
- Site Audit Statement (Section A) and Site Audit report – Orchard Hills Station (Stage 1), Sydney Metro Western Sydney Airport, Rev 01 dated 22/12/23.

#### **Complaints / Incidents / Non-compliance**

No Non-compliances with the Approval were raised by or reported to the ER this period.  
There were no incidents of note identified by or reported to the ER this period.

Six (6) complaints were reported to the ER. All were related to Orchard Hills, with two (2) relating to tracking on Lansdowne and Kent Road, one to property flooding/pooling from sediment basin discharge onto a natural drainage line, one related to dust, water accumulations at property boundary (council verge on west side of Kent Rd) and OOH noise, two (2) related to the condition of the Kent Road surface, and one related to a request for a fence at the property boundary.

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

- Independent Environmental Audit (IEA) 4 inspections, desktop reviews and interviews completed and RFI received by the project. IEA Draft report due mid-March.

#### **Looking Forward – Core Focus Areas**

Risks now relate to activities at Orchard Hills and upcoming tunnel support activities at Claremont Meadows, of note being:

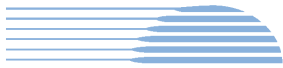
- management of delivery/haulage vehicles and attendant cumulative impacts as SCAW activities off Lansdowne Rd are ongoing and SSTOM activities ramp-up; and
- OOH noise management at Claremont Meadows for concrete pumping and tunnel segment crange into service shaft,.

#### **ER Closing Comments:**

The contractor continues to be receptive to ER requests for improvements and proactive planning of works to limit environmental impacts.

### 3. Surface and Civil Alignment Works (SCAW)

Contract Package	Environmental Representative/s
Surface and Civil Alignment Works (SCAW)	[REDACTED]
<b>Key Construction Activities During the Period</b>	
<ul style="list-style-type: none"> <li>▪ Patons Lane               <ul style="list-style-type: none"> <li>○ Sandstone import over northern tributary stream culvert</li> <li>○ Weed spraying continuing</li> <li>○ Northern tributary culvert construction complete</li> <li>○ Sandstone fill placement over the top of the culvert and Blaxlands Creek</li> </ul> </li> <li>▪ SMF               <ul style="list-style-type: none"> <li>○ Drainage works from SSTOM to SCAW</li> <li>○ PS105 asbestos encapsulation in completion phase</li> </ul> </li> <li>▪ Defence Land               <ul style="list-style-type: none"> <li>○ Additional clearing complete</li> <li>○ Fauna crossing complete</li> <li>○ Preparation for viaduct segment placement</li> <li>○ All ACM has been removed to PS105</li> </ul> </li> <li>▪ Luddenham Station               <ul style="list-style-type: none"> <li>○ Construction of Luddenham Rd roundabout is complete except for the wearing course</li> <li>○ Structural station works continue.</li> </ul> </li> <li>▪ Luddenham Road South               <ul style="list-style-type: none"> <li>○ Ongoing placement of viaduct segments</li> <li>○ Ongoing structural works.</li> </ul> </li> <li>▪ M12 to Cosgrove's Creek               <ul style="list-style-type: none"> <li>○ Sandstone is being used to build the formation.</li> <li>○ Area being made ready for the gantry to operate in the area</li> </ul> </li> <li>▪ Elizabeth Drive               <ul style="list-style-type: none"> <li>○ Sandstone delivery is progressing south of Elizabeth Drive</li> <li>○ OOHW sandstone delivery continues</li> <li>○ Sandstone crushing is complete</li> </ul> </li> </ul>	
<b>Key Construction Activities Look Ahead</b>	
<ul style="list-style-type: none"> <li>▪ Patons Lane:               <ul style="list-style-type: none"> <li>○ Rehabilitation works are continuing along the alignment</li> <li>○ Sandstone import ongoing</li> </ul> </li> <li>▪ Stabling and Maintenance Facility (SMF) Orchard Hills:               <ul style="list-style-type: none"> <li>○ Structures works will continue at Blaxland Creek</li> </ul> </li> </ul>	



- Culvert and fauna crossing works completion at the unnamed tributary
- The containment cell at PS105 will be capped
- Defence Land:
  - Drainage and finishing works ongoing
  - Sandstone filling and compaction will continue
  - Preparation for viaduct segment placement
- Luddenham Station:
  - Wearing course of the roundabout is all that remains
- Luddenham Road South:
  - Precast elements for the viaduct will continue to be installed
  - Structures will continue
- M12 to Cosgroves Creek:
  - Ongoing placement of viaduct segments
  - Finishing earthworks to commence
  - Construction of the 30 ML basin continues which will ultimately be a flood mitigation basin.
- Elizabeth Drive:
  - Discussions with M12 ongoing regarding accepting M12 construction water onto SCAW site
  - Permanent alignment drainage works ongoing

#### ER Inspections

There were two (2) ER Inspections in February 2024:

- **08/02/2024** (by [REDACTED]) - Key points/ issues raised during this inspection were as follows:
  - A significant rain event (40 mm) was well managed by the project with no evidence of offsite pollution and the majority of controls working effectively
  - The ACM containment cell at PS105 was in the process of being capped and has been undertaken as per the RAP
  - The interface between M12 and SCAW needs to be formalised to ensure water received on SCAW is predictable and within appropriate limits
  - The water from the SMF is flowing onto the SCAW project without adequate controls. ER will discuss with SSTOM ER what has been done and the intention for future controls
- **22/02/2024** (by [REDACTED]) - Key points/ issues raised during this inspection were as follows:
  - A significant rain event (45 mm) was again well managed by the project with no evidence of offsite pollution and the majority of controls working effectively
  - Dewatering and ERSED control reinstatement is the focus for the team
  - The ACM containment cell at PS105 was in the final stages of being capped
  - The interface between M12 and SCAW has been discussed between the two contractors and SM. Further commitment needs to be formalised to ensure SCAW operates within the requirements of its EPL

ER inspections are on a fortnightly cycle weather and health permitting.





Photos	
<p><b>SCAW/M12 interface</b> - Construction water from the M12 project flows through these drainage lines onto the SCAW project, CPBUI are investigating additional drainage lines to minimise risk to the project</p>	<p><b>SCAW/M12 interface</b> – another culvert that M12 construction water flows onto the SCAW project</p>
<p><b>Patons Lane</b> - Dirt was tracked by multiple contractors and organisations. SCAW has a full time street sweeper to clean any tracking from their Patons Lane exit</p>	<p><b>Patons Lane</b> – The drainage lines have had good vegetation growth. Stabilisation of the invert of the channel has been recommended by the ER</p>
<p><b>Defence</b> - Sandstone import activities continue along the Defence alignment</p>	<p><b>Defence</b> - Controls around the Unnamed Creek are in good condition and have worked effectively</p>





**Blaxlands Creek** - The turkeys nest arrangement is an example of a control applied where space is constrained



**Unnamed tributary** - Some debris was deposited downstream of the Unnamed tributary during the recent significant rain event



**Cosgrove's Creek** - Segments are stored in the vicinity of Cosgrove's Creek in preparation for the span across the creek



**Cosgrove's Creek** - ERSED controls on the southern side of Cosgrove's Creek have worked effectively and were in the process of being dewatered

**Endorsed Document/s**

The following documents were endorsed/approved by the ER:

- Nil

The following documents were provided for information or reviewed:

- Assessment of Minor Ancillary Facility – Luddenham South Rock Crusher

**Complaints / Incidents / Non-compliance**

No non-compliances were reported to or identified by the ER for the period.

No incidents of note were reported to the ER during the period:

No (0) complaints were reported to the ER during the period.

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

- Independent Environmental Audit (IEA) 4 inspections, desktop reviews and interviews completed and RFI received by the project. IEA Draft report due mid-March.



**Looking Forward – Core Focus Areas**

Discussions between SCAW and M12 have commenced to remedy the issue of untreated water from the M12 flowing onto the SCAW site. Whilst this is a step in the right direction the ER is encouraging a commitment from the contractor and client management to ensure this issue is dealt with ASAP.

**ER Closing Comments:** During February there were two significant rain events, it was encouraging to see the contractor use their system and address most issues prior to the ER attending site. As areas enter the finishing earthworks phase the focus needs to shift to prompt stabilisation to minimise ERSED risk.





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

Contract Package	Environmental Representative/s
Stations, Systems, Trains, Operations and Maintenance Package (SSTOM).	[REDACTED]
<b>Key Construction Activities During the Period</b>	
<ul style="list-style-type: none"> <li>▪ St Mary’s Station (STM):               <ul style="list-style-type: none"> <li>○ Production piling continues. Piling material is being taken to Aerotropolis Core</li> <li>○ Setup of site offices and compound completed</li> <li>○ Pile break back continued</li> </ul> </li> <li>▪ Orchard Hills Station (ORH):               <ul style="list-style-type: none"> <li>○ Site establishment works continued</li> <li>○ Setup of site offices and compound completed</li> </ul> </li> <li>▪ Stabling and Maintenance Facility (SMF):               <ul style="list-style-type: none"> <li>○ Deliveries commenced from Western Tunnelling Package (Metro West) for backfill of Pad and haul roads.</li> <li>○ Stripping topsoil for laydown, light and heavy vehicle areas continued</li> <li>○ Temporary basin constructed for water retention and reuse</li> </ul> </li> <li>▪ Luddenham Station (LUD):               <ul style="list-style-type: none"> <li>○ Site establishment works completed</li> <li>○ Removal of redundant drainage and addition of drainage controls continued</li> </ul> </li> <li>▪ Aerotropolis Core (AEC):               <ul style="list-style-type: none"> <li>○ Site establishment works continued</li> <li>○ Site traffic route alignment ongoing</li> <li>○ Piling commenced</li> </ul> </li> </ul>	
<b>Key Construction Activities Look Ahead</b>	
<ul style="list-style-type: none"> <li>▪ St Mary’s Station:               <ul style="list-style-type: none"> <li>○ Waterproofing and crane pad installation to commence.</li> <li>○ Preparation for SBT handover for TBM retrieval commenced.</li> <li>○ Piling expected to finish 06-09 March.</li> <li>○ Piling Rig noise monitoring to occur during the off-hire process.</li> </ul> </li> <li>▪ Orchard Hills Station:               <ul style="list-style-type: none"> <li>○ Pile cage deliveries to commence.</li> <li>○ Box sump and drainage works to commence.</li> <li>○ Continuing installing ESC.</li> <li>○ Piling to commence.</li> </ul> </li> <li>▪ Stabling and Maintenance Facility:               <ul style="list-style-type: none"> <li>○ Site establishment for offices to commence.</li> <li>○ Ongoing importation of material to continue.</li> <li>○ Haul road to sub-station to commence.</li> </ul> </li> </ul>	



- Connection of 132kv power to commence. Potentially early handover.
- Additional area for stockpiling. (SCAW handover to SSTOM)
- Luddenham Station
  - Piling to commence
- Aerotropolis Core:
  - Site establishment works
  - Realignment of drains and reapplication of hydro mulch
  - Site access routes for light and heavy vehicles
  - Potential for additional piling rig to be mobilised

**ER Inspections**

There were two ER Inspections, on 8 and 27 February 2024.

Key points/ issues raised during these inspections were as follows:

- Sites were generally managed well with no sediment tracking observed
- Weed maintenance was raised across all sites as an action. Parklife Metro was reminded that control of weeds is required to minimise seed bank establishment on the site.
- Minor maintenance of onsite erosion and sediment controls is an ongoing requirement for Park life, noting rain events throughout the month.
- Orchard Hills – delayed installation of internal erosion and sediment controls was raised as non-compliance on 27 February.
- Orchard Hills – It was noted that the sediment basin had been flocked and was awaiting discharge. The environmental protection licence (EPL) has been updated to include the sediment basin.
- Luddenham –stabilisation for erosion and sediment controls on the compound embankment was completed. A crossing of the swale was noted to require controls, noting erosion of the material into the swale.
- Aerotropolis Core – A discharge was observed during the inspection on 8 February. It was noted that a permit to discharge had not been provided and has been raised as a non-compliance.
- Aerotropolis Core – The clan water diversion was temporarily dammed again. It was noted that water would require treatment before discharge from the site.
- Aerotropolis Core – It was noted that the swale to the sediment basin had been straightened. The ER discussed scour protection of the swale, noting that sections had been eroded previously.

**Photos**



**STM** – Piling inside of the Box. It was noted that erosion controls were maintained.

**STM** – Example of weeds requiring removal.





**ORH** –Reshaping of the batter had commenced; however controls were not installed to minimise erosion



**ORH** –A section of jute mesh had been placed in the swale; however, no embankment protection was in place



**ORH** –It was noted that erosion had started to undermine the existing concrete slab. Also noted that weeds had propagated in the area



**ORH** – Sediment accumulation at the sump



**ORH** – Geofabric at the sediment basin required re-pining



**SMF** – water retention basin had been constructed. It is noted that weeds required maintenance.



**SMF** – A drain had been placed across the SMF. It is understood that a retention basin is to be constructed for water reuse onsite.



**LUD** –It was noted that a crossing of the swale required additional erosion and sediment controls. The ER discussed directing flows to minimise scouring..





**AEC** – It was noted that some rock protection had been placed in the clean water diversion.

**AEC** – It was noted that erosion of the swale to the sediment basin had occurred. It is understood that this would be maintained and a protection zone would be installed.

**Endorsed Document/s**

No documents were endorsed/approved by the ER:

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

- Low Impact Work (LIW) – Kent Road Investigations (discussed with Sydney Metro that LIW is not consistent with the planning approval)

**Complaints / Incidents / Non-compliance**

Two (2) non-compliances and one incident of note were reported to the ER during this period.

- An incident and non-compliance was raised for Water discharged to the discharge point from the sediment basin at AEC without obtaining a permit from the Environment Team
- An non-compliance was raised at Orchard Hills for the installation of the erosion and sediment controls not being undertaken promptly or before commencing work.

No (0) complaints were reported to the ER during the period. One complaint was received via the EPA in January for stockpile management at Saint Mary’s, which has been closed by the EPA.

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

An Independent Environmental Audit was undertaken during this period. The ER was not involved in audit activities.

**Looking Forward – Core Focus Areas**

The focus is on the implementation of the CEMP and sub-plans, with a particular focus on erosion and sediment controls and sediment tracking.

**ER Closing Comments:** Ongoing delays for the stabilisation of the Orchard Hills remain an issue. It is noted that additional permanent staff are starting on the project. The ER has reminded Parklife and Sydney Metro to keep the ER adequately informed and provide adequate documentation in relation to upcoming activities, consistent with Condition A33.

## 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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27 February 2024

[REDACTED]  
[REDACTED]  
Sydney Metro  
Transport for NSW  
PO Box K659  
HAYMARKET NSW 1240

Ref: 201209(b)\_CNVMP\_R02

Dear [REDACTED]

**RE: Approval of Minor Amendments to the Construction Noise and Vibration Management Sub-Plan - Sydney Metro Western Sydney Airport Station Boxes and Tunnelling Works, Rev 1**

Thank you for providing the following document for Environmental Representative (ER) review and approval prior to implementation in accordance with Minister's Condition Of Approval (MCoA) A32(j) of the Sydney Metro Western Sydney Airport project (SSI – 10051 July 23, 2021):

- *NSW (Off-Airport) Construction Noise and Vibration Management Sub-plan - Sydney Metro Western Sydney Airport Station Boxes and Tunnelling Works, Revision 02 dated 20/02/2024 (CNVMP Rev 02).*

As an approved ER for the Sydney Metro City Southwest project, I have reviewed the following proposed minor amendments in CNVMP Rev 02:

1. **All sections including definitions** – Changed DPIE/DPE to DPHI, and Commonwealth Department of Agriculture, Water and the Environment to Department of Climate Change, Energy, the Environment and Water (DCCEEW) where appropriate.
2. **General** - General corrections, including typographical errors and expression;
3. **Figure 2** – Changed to better reflect SBT's specific scope of works.

It is noted that:

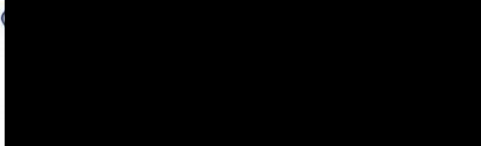
- Previous versions of the document have been reviewed and updated following comments from the ER
- Sydney Metro have also reviewed and commented on the document



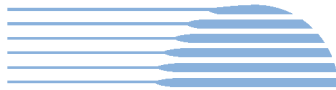
Based on the information reviewed, in my opinion, the proposed changes constitute a minor amendment pursuant MCoA A32 (j). Accordingly, as an approved ER for the Sydney Metro Western Sydney Airport project, I approve the amended CNVMP Rev 02.

The Project is reminded to ensure the most recently approved CNVMP is made publicly available on the Project's website.

Yours sincerely



Environmental Representative



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

27 February 2024

Ref: 201209(b)\_FFMP\_R02

Dear Hugh

**RE: Approval of Minor Amendments to the Flora and Fauna Management Sub-Plan - Sydney Metro Western Sydney Airport Station Boxes and Tunnelling Works, Rev 1**

Thank you for providing the following document for Environmental Representative (ER) review and approval prior to implementation in accordance with Minister's Condition Of Approval (MCoA) A32(j) of the Sydney Metro Western Sydney Airport project (SSI – 10051 July 23, 2021):

- *NSW (Off-Airport) Flora and Fauna Management Sub-Plan- Sydney Metro Western Sydney Airport Station Boxes and Tunnelling Works, Revision 02 dated 20/02/2024 (FFMP Rev 02).*

As an approved ER for the Sydney Metro City Southwest project, I have reviewed the following proposed minor amendments in FFMP Rev 02:

1. **All sections including definitions** – Changed DPIE/DPE to DPHI, and Commonwealth Department of Agriculture, Water and the Environment to Department of Climate Change, Energy, the Environment and Water (DCCEEW) where appropriate.
2. **General** - General corrections, including typographical errors and expression;
3. **Figure 2** – Changed to better reflect SBT's specific scope of works.
4. **Section 6.8 Groundwater Dependant Ecosystems (GDE)** – Inserted Table 9 to reflect the outcomes of the GDE impact assessment presented in the Hydrogeological Interpretative Report (HIR) (SMWSASBT-CPG-SWD-SW000-GE-RPT-040403) prepared for detailed design.
5. **Section 8.12 Groundwater dependant ecosystem management and monitoring** – Inserted Table 12 to outlining actions to be implemented to address the risks identified in the outcomes of the GDE impact assessment

presented in the Hydrogeological Interpretative Report (HIR) (SMWSASBT-CPG-SWD-SW000-GE-RPT-040403) prepared for detailed design.

It is noted 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 document

Based on the information reviewed, in my opinion, the proposed changes constitute a minor amendment pursuant MCoA A32 (j). Accordingly, as an approved ER for the Sydney Metro Western Sydney Airport project, I approve the amended FFMP Rev 02.

The Project is reminded to ensure the most recently approved FFMP is made publicly available on the Project's website.

Yours sincerely



Rui Henriques  
Environmental Representative