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

7 July 2025  
Ref:201209-ER\_DPHI-June 2025

Dear [REDACTED]

**RE: Sydney Metro - Sydney Metro Western Sydney Airport SSI 10051 – ER Monthly Report for June 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)

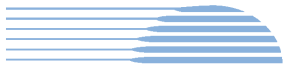
The attached summary details the key activities undertaken by Environmental Representatives for Sydney Metro Western Sydney Airport for June 2025.

Yours sincerely

[REDACTED]  
Environmental Representative

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

Enclosed:  
Nil



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## 1. Advanced and Enabling Works (AEW)

Contract Package	Environmental Representative/s
Advanced and Enabling Works (AEW)	██████████ AG)
EPL: None	
<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>○ Deflection wall construction is complete</li> <li>○ Beams have been lifted into place and deck pours have been undertaken</li> <li>○ Waterproofing of structures on the platforms continues</li> <li>○ Excavated material is being loaded out from MAF1 and MAF5</li> </ul> </li> </ul>	
<b>Key Construction Activities Look Ahead</b>	
<p>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>○ Beams will be continued to be lifted into place on the overpass</li> <li>○ Concrete pours will continue on both platforms</li> <li>○ Concrete pours will continue on the deck of the overpass</li> <li>○ The area behind the Harris St car park will near completion</li> </ul> </li> </ul>	
<b>ER Inspections</b>	
<p>There were two (2) inspections of the St Marys Station Footbridge works conducted on 11/06/25 and 26/06/25 by the ER (AG).</p> <p>Key points/issues raised during the inspections were as follows:</p> <ul style="list-style-type: none"> <li>▪ Generally, the site was observed to be tidy and well managed at the time of inspection</li> <li>▪ Trenching works on Harris St are ongoing and are being managed with respect to the likelihood of rain</li> <li>▪ Mud tracking was well managed during the inspection, and a proactive approach has been made regarding housekeeping and mud tracking. The ER has reiterated to the project delivery team the importance of proactive management</li> <li>▪ ERSED controls at MAF1 were progressively being replaced as these became accessible following loadout</li> </ul>	

## Photos

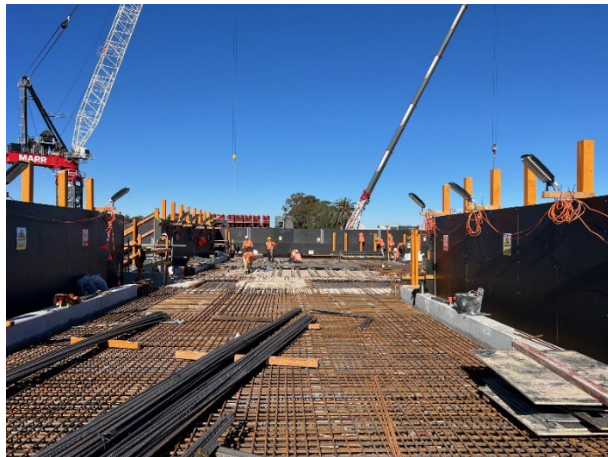
### St Marys Footbridge



**Compound:** The hardstand area was generally tidy, with new ballast placed prior to use.



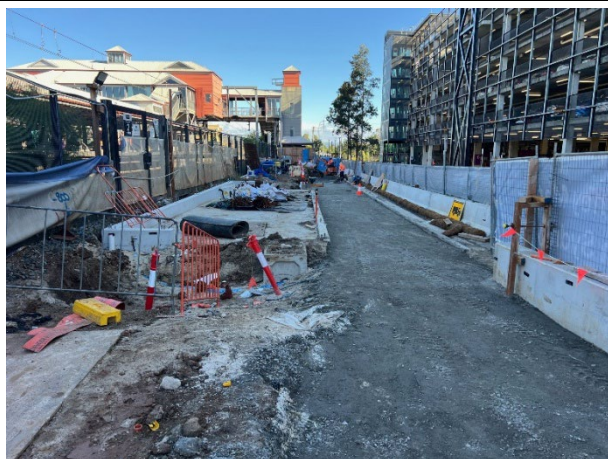
**Compound:** Works on the deflection wall are largely complete.



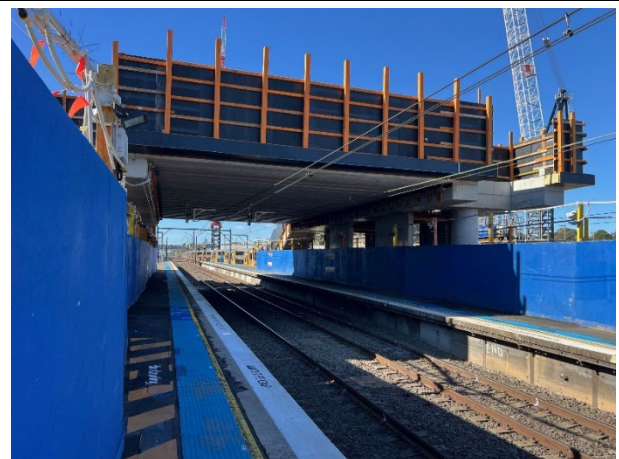
**Bridge deck:** Reinforcement was installed prior to the commencement of concrete pours.



**Harris St:** Trenching continued on Harris St, all excavated material was taken to MAF 1 for loadout.



**Harris St Carpark:** Most of the carpark worksite has now been stabilised, minimising ERSED risk.



**Platform 1/2:** Planks now span between both platforms.



**Platform 3/4:** Waterproofing works on the structures were undertaken without issue.



**MAF1:** Material was loaded out from MAF1, ERSED controls were progressively replaced / reinstated.



**MAF1:** The entry/exit point from MAF 1 was clean during the ER inspection.



**MAF5:** The access from the Hobart St MAF was in good condition with ballast proving a complete coverage.

#### Endorsed Document/s

The following documents were endorsed/approved by the ER:

- None

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

- Out of Hours Works form – MW49 & 50 (Rev 1)
- Out of Hours Works form – WE 49, 50 & 52 (Rev 1)
- Out of Hours Works form – WE 51 (Rev 0)
- Out of Hours Works form – WE 51 (Rev 1)
- Out of Hours Works form – WE 01 (rev 0)
- Out of Hours Works form – WE 02, 03 & 04 (Rev 0)
- Out of Hours Works form – MW 52, 02 & 04 (Rev 0)
- Out of Hours Works form – MW 52, 02 & 04 (Rev 1)

<b>Complaints / Incidents / Non-compliance</b>
<p>No non-compliances were reported to the ER during the period.</p> <p>No incidents were reported to the ER during the period.</p> <p>No complaints were reported to the ER during the period.</p>
<b>Audits (specific to packages reported in this report)</b>
<ul style="list-style-type: none"> <li>▪ None</li> </ul>
<b>Looking Forward – Core Focus Areas</b>
<p>It was evident during the ER inspections, that the contractor has taken a proactive approach to site cleanliness and mud tracking, with the exit points and roads clean. Out-of-hours works continue for specific aspects, such as concrete pours or out-of-hours crane lifts. The OOHW applications have been reviewed and endorsed by the ER, and all monitoring undertaken during the period indicates that the project is compliant with noise goals. Further to this, no complaints have been received for the FSM project works during the period.</p> <p>As areas near completion and are stabilised, ERSR risk profile has reduced. The ER has reiterated that the project cannot become complacent during this period and all controls need to be reinstated or replaced to ensure the residual risk is well managed.</p> <p><b>ER Closing Comments:</b></p> <p>Over the coming month, the ER will continue to conduct inspections and request evidence from the contractor regarding key management measures. Main issues include:</p> <ul style="list-style-type: none"> <li>▪ Mud tracking`</li> <li>▪ Out of hours noise</li> <li>▪ Water management</li> <li>▪ Concrete management</li> <li>▪ Interaction with members of the community</li> </ul>

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

Contract Package	Environmental Representative/s
Stations, Systems, Trains, Operations and Maintenance Package (SSTOM). Contractor Parklife Metro (PLM)	[REDACTED] (BMCL)
EPL: 21807	
Key Construction Activities During the Period	
<p><b>Stations</b></p> <ul style="list-style-type: none"> <li>▪ St Mary's Station (STM): <ul style="list-style-type: none"> <li>○ Station box wall and suspended slabs using Fiber Reinforced Polymer (FRP)</li> <li>○ Pre-cast beam and plank installation</li> <li>○ Hydro-demo of concrete defects</li> <li>○ Corbel construction tie-in works</li> <li>○ Tunnel fit out (cable trays and brackets)</li> <li>○ Linewide deliveries to the tunnel</li> </ul> </li> <li>▪ Orchard Hills Station (OHE): <ul style="list-style-type: none"> <li>○ Station box FRP</li> <li>○ Concrete batch plant operations</li> <li>○ Delivery of construction materials to the laydown areas (particularly at OHE North)</li> <li>○ Flash butt welding works</li> <li>○ Kent Road internal upgrade works</li> <li>○ Tunnel fit-out cable tray (MEP) and sleeper install works</li> <li>○ Beam/plank installation works are delayed</li> <li>○ Concrete stockpiling in preparation for crushing for reuse as road base</li> </ul> </li> <li>▪ Luddenham Station (LUD): <ul style="list-style-type: none"> <li>○ Detailed excavation and concrete works</li> <li>○ FRP above-ground works</li> <li>○ In-ground electrical conduit installation</li> <li>○ Site-won stockpiling</li> <li>○ Precinct works have commenced</li> </ul> </li> <li>▪ Bradfield Station (BRD) (Formerly Aerotropolis Core AEC): <ul style="list-style-type: none"> <li>○ Station box FRP</li> <li>○ Interface management is ongoing with Western Parkland City Authority (WPCA) Contractor – WEM Civil</li> <li>○ Beam lifts and plank installation</li> <li>○ Construction of permanent car park</li> <li>○ Relocation of site offices was completed, and removal of old offices commenced</li> <li>○ Construction of new water basin completed, tie-in works to be completed before decommissioning the existing basin (delayed due to flocculation issues with liner)</li> <li>○ Removal of topsoil earth berm on eastern boundary to allow for geotechnically stable fill replacement</li> </ul> </li> </ul>	

## Linewide

- **Stabling and Maintenance Facility (SMF):**
  - Earthworks scope for Stockpile PS-102 and the surface area of the SMF utility construction
  - Sub-station construction is ongoing. Transformer installation works
  - Substation joint bay works/service installation on Patons Lane
  - Delivery of materials
  - Permanent drainage works and the construction of the permanent basin
  - Combined service route (CSR) works
  - Construction of the Maintenance and Administration (M&A) and Operations Control Centre (OCC) buildings is ongoing (structural steel and roof installation commenced)
  - Topsoil amelioration works
  - Removal of temporary swales commenced
- **Claremont Meadows Services Facility (CMSF):**
  - Site set-up work is mostly complete
  - Ventilation systems: Two of four fans are operating. Noise levels are below predicted levels
  - Tunnel fit-out works – rail in tunnel, sleepers being delivered via the shaft
  - Delivery of sleepers to the site
- **Bringelly Services Facility (BSF):**
  - Rear laydown complete. Topsoil stockpiles to have additional winter grass added
  - Ventilation systems: two of four fans are operating. While noise levels are below predicted levels, PLM are investigating additional mitigation measures
  - Track installation works. Rail in tunnels with sleepers being installed via the shaft
  - New nest boxes have been installed as recommended by the AMBS Ecology and Heritage report
  - Topsoil stockpiles have had additional winter grass hydroseeding added. Targeted weed spraying has occurred on the stockpiles
- **Lansdowne Rd to Patons Lane:**
  - Site establishment works are completed
  - Underground crossing (ULX) piling works
  - CSR works
  - Sewage service installation work
  - General services trough (GST) installation
  - Crane pad construction completed
  - Track construction works ongoing for standard hours and Out of Hours Works (OOHW) (EPL Community Agreement OOHW approved and commenced on 10/06)
- **Luddenham Road to M12:**
  - CSR works
  - Sleeper installation
  - Track slab defect rectification works
  - Rail pulling and installation works completed
  - Works on the viaduct, waterproofing heading north
  - OOHW
  - Weed management is ongoing, with significant dieback observed of the Sticky Night Shade

- Portion 4 (M12 to Elisabeth Drive):
  - Rail welding ceased
  - CSR/GST work on hold until rail site possession is completed
  - Tree surveys for CSR trenching, pending survey for credit usage
  - Rail sleeper installation
  - Concrete Placement Unit (CPU) installation commenced

**Project wide**

- Weed spraying is ongoing across the alignment.
- Rail pulling into the Northern down tunnel is completed
- Rail pulling into the Southern down tunnel
- Tunnel fit out including cable trays/brackets, sleepers and concrete pours

**Key Construction Activities Look Ahead**

**Stations**

- St Mary's Station (STM):
  - Station box wall and suspended slabs FRP
  - Pre-cast beam and plank installation
  - Hydro-demo of concrete defects
  - Corbel construction tie-in works to FSM
  - Tunnel fit out (cable trays and brackets)
- Orchard Hills Station (OHE):
  - Pre-cast beam and plank installation works to commence (dates To be determined– delays at precast yard)
  - Station box FRP
  - Concrete batch plant operations
  - Delivery of construction materials to the laydown areas (particularly at OHE North)
  - Flash butt welding works
  - Kent Road internal upgrade works
  - Tunnel fit-out cable tray (MEP) and sleeper install works
  - Beam/plank installation works are delayed
  - Concrete stockpiling in preparation for crushing for reuse as road base
  - Sewer main construction (likely in September)
- Luddenham Station (LUD):
  - Detailed excavation and concrete works
  - FRP above-ground works
  - In-ground electrical conduit installation
  - Site-won stockpiling
  - Precinct works
  - Earthworks to level ground between Luddenham Rd and the station
  - Permanent car park works
- Bradfield Station (BRD) (previously Aerotropolis Core - AEC):
  - Permanent batter installation on the Eastern boundary
  - New construction sediment basin works

- Install permanent stormwater drainage
- Permanent car park works
- LV Site access through WPCA and handover of the previous site shed area to WPCA
- Station box FRP
- Interface management is ongoing with WPCA Contractor – WEM Civil
- Beam lifts and plank installation
- Construction of the permanent car park
- New water basin tie-in works and decommission existing basin
- Removal of topsoil earth berm on eastern boundary to allow for geotechnically stable fill replacement

#### **Linewide**

- **Stabling and Maintenance Facility (SMF)**
  - Earthworks scope is ongoing for the stockpile PS-102 and the surface area of the SMF for utility construction
  - Sub-station construction- transformer installation works
  - Substation joint bay works/service installation on Patons Lane
  - Delivery of materials
  - Permanent drainage works are ongoing
  - Combined service route (CSR) works
  - Construction of the Maintenance and Administration (M&A) and Operations Control Centre (OCC) buildings is ongoing (structural steel and roof installation)
  - Topsoil amelioration works
  - Removal of temporary swales commenced
- **Claremont Meadows Services Facility (CMSF)**
  - All four vent fans to be commissioned and operational 24/7
  - Site setup
  - Ventilation systems: Two of four fans are operating. Noise levels are below predicted levels
  - Tunnel fit-out works
  - Delivery of sleepers to the site
- **Bringelly Services Facility (BSF):**
  - All four vent fans to be commissioned and operational 24/7
  - Sleepers and track installation
  - Extension to the hardstand to be installed to further stabilise the shaft haul road
- **Lansdowne Rd to Patons Lane:**
  - ULX piling works
  - CSR works
  - Sewage service installation work
  - GST installation
  - Track construction works ongoing for standard hours and OOHW
- **Luddenham Road to M12:**
  - CSR works
  - Sleeper installation

- Track slab defect rectification works
- Works on the viaduct, waterproofing heading north
- OOHW
- M12 to Elisabeth Drive:
  - Rail welding ceased
  - CSR/GST work on hold until rail site possession is completed
  - Tree surveys for CSR trenching, pending survey for credit usage
  - Rail sleeper installation
  - CPU (Concrete Placement Unit) works

#### **Project wide**

- Weed spraying is ongoing across the alignment
- Rail pulling into the Southern down tunnel via Orchard Hills portal
  - Tunnel fit out including cable trays/brackets, sleepers and concrete pours

#### **ER Inspections**

Three ER inspections were conducted during this period, with the Linewide portions inspected on 03 and 17 June 2025 and the Stations inspected on 24 June 2025. Key points/issues raised during the inspections were as follows:

- STM, CMSF, Linewide Luddenham Road to M12 (other sites to a lesser degree) – Housekeeping (rubbish removal) was discussed with PLM and the ER suggested that additional measures be investigated if the current process (toolbox talks) is not resolving the issue.
- STM – The concrete hardstand between the box and laydown area required maintenance to minimise sediment tracking.
- STM, ORH, BSF – Potential risks of limited site car parking and minimising impacts from on-street parking were discussed with PLM. PLM is discussing parking strategies internally and will inform the ER/SM and DPHI of their proposed mitigation process
- CMSF – reinstate noise mats that had slumped – the site has been working on strengthening support
- OHE – risk from sewer pit pump-out on a rock crossing of the northern stormwater swale was discussed with PLM
- Linewide – It was noted that some concrete trucks were driving around rumble grids. PLM arranged for the tracked material to be cleaned and for the batch plant to be discussed in the next toolbox meeting
- Linewide – it was discussed with PLM to discuss the herbicides used onsite with the weed contractors, noting that Fireweed had started to grow in some areas where the Sticky Nightshade had died off
- Sitewide - Minor ESC maintenance to reinstate a sediment fence after rain events.

Photos Stations	
	
<b>STM</b> – Station St car park – litter accumulation in the car park required cleanup.	<b>STM</b> – Station box lift shaft construction.
	
<b>OHE</b> – Internal swale was rock-lined (good practice).	<b>OHE</b> – Access change to sewerage pits through a swale.
	
<b>OHE</b> – Overflow carpark was at capacity.	<b>OHE</b> – Batters were sprayed with polymer, and FRP works continued in the station box.



**LUD** – Utility installation works continued, ESC was maintained.



**LUD** – Maintenance after the rain event was ongoing; coir logs were to be replaced.



**BRD** – Removal of unsuitable fill in preparation for importing shale.



**BRD** – New water treatment basin to be relined and the new office facilities at the rear of the site.



**BRD** – The existing water basin continued to be used to treat water prior to discharge.



**BRD** – Permanent car park installation work continued.

Linewide	
	
<b>CMSF</b> – Car park litter remained an issue.	<b>CMSF</b> – Ventilation fan and noise mats requiring reinstatement.
	
<b>Lansdowne Rd to Patons Ln</b> – TPZ's were reinstated.	<b>Lansdowne Rd to Patons Lane</b> – View of rail spur earthworks to the SMF, rail corridor track slab and GST.
	
<b>SMF</b> – Building structural steel installation is ongoing.	<b>SMF</b> – Water basin construction completed with additional height for construction works. A standpipe had been installed.



**Patons Ln to water pipeline** – Concrete pump on crane pads for track slab construction.



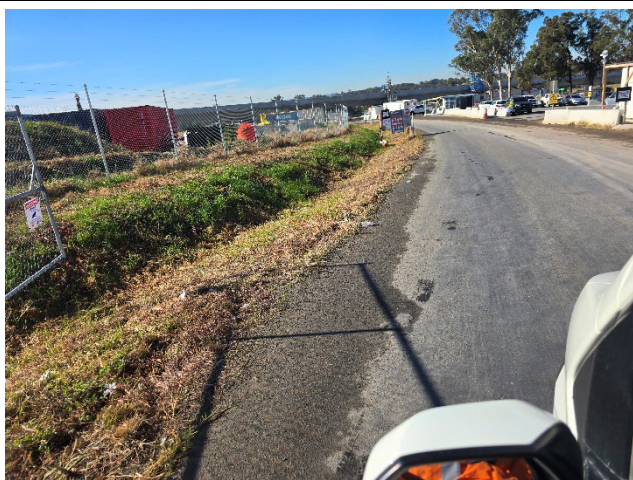
**Patons Ln to water pipeline** – Flashbutt welding of rail segments was completed, and removal of pad had commenced.



**Water Pipeline to Luddenham Station** – view of viaduct over water pipeline.



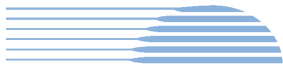
**Water Pipeline to Luddenham Station** – view of viaduct to Luddenham Station – discussed appropriate storage of jerry cans with PLM.



**Luddenham to M12** – Littering at site entrance had improved, minor littering continued.



**Luddenham to M12** – A delivery of flammable solvents in an unbounded area was immediately addressed by PLM.



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**M12 to Elizabeth Dr** – Water retention basin view from Elizabeth Dr.



**M12 to Elizabeth Dr** – Weed die-back continued.



**BSF** – Stockpiles had hydroseed reapplied after sporadic growth.



**BSF** – Shaft and ventilation fans.



**BSF** – Noise mitigation measures for ventilation fans were discussed with PLM.



**BSF** – The Sediment basin was maintained.

Endorsed Document/s
<p>The following documents were endorsed/approved by the ER:</p> <ul style="list-style-type: none"> <li>▪ Nil</li> </ul> <p>The following documents were provided for information or reviewed with comments provided to Sydney Metro:</p> <ul style="list-style-type: none"> <li>▪ Surface Water Quality Monitoring Program updates</li> <li>▪ E57 Reports for Bradfield, St Marys, Orchard Hills and SMF</li> <li>▪ Bradfield ESCPs</li> </ul>
Complaints / Incidents / Non-compliance
<p>There were no non-compliances with the Approval reported to the ER during this period:</p> <p>Two minor oil spill incidents were reported to the ER during this period.</p> <p>There were four project complaints, and one non-project complaint reported to the ER during the period, concerning:</p> <ul style="list-style-type: none"> <li>▪ St Marys Station <ul style="list-style-type: none"> <li>○ One complaint about OOH vibration (not related to Sydney Metro as the property was a significant distance from works)</li> </ul> </li> <li>▪ Orchard Hills Station <ul style="list-style-type: none"> <li>○ One general construction complaint for mud splatter on a vehicle (not related to the Sydney Metro)</li> </ul> </li> <li>▪ Linewide - Lansdowne Rd to Patons Ln / SMF <ul style="list-style-type: none"> <li>○ One general complaint on noise and dust, consultation and extended OOH noise impacts from 24-hour works. Monitoring indicated low dust levels, and PLM informed the ER that dust mitigation water carts were operating. 24-hour works had not commenced at the time of the complaint. Stakeholder was consulted on several occasions for extended hours and provided ongoing notifications from the project.</li> </ul> </li> </ul>
Audits (specific to packages reported in this report)
<p>Nil</p>
Looking Forward – Core Focus Areas
<p>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, erosion and sediment controls, and traffic/parking with the increase of site workers.</p> <p><b>ER Closing Comments:</b> The project continued to perform well over the month, with a shoutout to the site environment team for their focus on potential upcoming impacts and commitment to improvement.</p> <p>Key environmental issues raised with PLM include:</p>



- Final design completion and water management
- Erosion and sediment control and plan updates
- Noise from new activities and OOH works
- Parking
- Stockpile tracking and management
- Proactive dust and noise management

### **3. 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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