



INDEPENDENT AUDIT NO. 5 – AUDIT REPORT

SYDNEY METRO WESTERN SYDNEY AIRPORT
SSI 10051

FEBRUARY 2024

Authorisation

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EXECUTIVE SUMMARY

The Project

Sydney Metro is responsible for delivery of the Sydney Metro Western Sydney Airport Project (the Project). The Project involves construction and operation of a new metro railway line around 23 kilometres in length between St Marys in the north and the Aerotropolis Core precinct in the south (the area to be called Bradfield). This includes a section of the alignment that passes through and provides access to Western Sydney International (Nancy-Bird Walton) Airport, currently under construction.

Station locations for the project would include:

- A new metro station connecting to, and providing interchange with, the existing Sydney Trains suburban rail network at St Marys, north of Western Sydney International
- Two new metro stations between the existing Sydney Trains suburban rail network at St Marys and Western Sydney International: one at Orchard Hills and one at Luddenham within the Northern Gateway precinct
- Two new metro stations within the Western Sydney International site: one at the Airport Terminal and one at the Airport Business Park
- A new metro station within the Aerotropolis Core precinct (the area to be called Bradfield), south of Western Sydney International.

The alignment of the new metro railway line would:

- Include a combination of tunnel, surface and viaduct sections
- Interface with key roads including the Great Western Highway, M4 Western Motorway, Luddenham Road, the future M12 Motorway, The Northern Road, Elizabeth Drive and Badgerys Creek Road, as well as key utilities such as the Warragamba to Prospect Water Supply Pipelines
- Include waterway crossings of Blaxland Creek and Cosgrove's Creek.

Approval for the Project was granted in State Significant Infrastructure (SSI) 10051 by the Minister for Planning and Public Spaces on 23 July 2021, subject to a number of conditions.

The Project Approval has been modified on one occasion. On 14 April 2022, the then Department of Planning and Environment approved an application to amend condition E4 to reduce the biodiversity offset credit requirement. This modification has been included in the scope of this Independent Audit.

One consistency assessment has been determined during the audit period. This relates to changes to project footprints to accommodate dam dewatering and earthworks required to support construction of the project. The change has been determined by Sydney Metro to be consistent with the Approval.

Construction of the Project stages are summarised as follows:

- Advanced Enabling Works (AEW)
- Station Box and Tunnels (SBT) Preparatory Works

- SBT Bulk Excavation and Tunnelling Works
- Surface and Civil Alignment Works (SCAW) Preparatory Works
- SCAW Main Excavation and Viaduct Works
- Stations, Systems, Trains and Operations and Maintenance (SSTOM).

Construction commenced on 25 November 2021.

The Auditor understands that the following activities were conducted during the audit period (22 August 2023 to 29 February 2024)¹:

- AEW:
 - Footbridge St Marys (FSM): Geotechnical investigations, piling works, compound establishment, clearing of trees adjacent to the commuter car park, service investigations, material haul out from piling works.
 - Water: Completion of compound setup, compound rehabilitation, commencement of underboring, completion of trenching works on Old Luddenham Rd, minor demobilisation activities. Note as per Section 1.1.3, AEW Water was completed prior to the audit commencing.
 - SSTOM Project Office (SPO): finalisation of fitout of the building. Note as per Section 1.1.3, AEW SPO was completed prior to the audit commencing.
- SBT:
 - St Marys: Station box excavation in the west and invert blinding in the east, spoil haulage to laydown area and offsite, Main Laydown spoil storage bay operational with erosion and sediment controls upgraded further to collect water for treatment, water treatment plant in operation. St Marys was handed over to the SSTOM package in October 2023.
 - Claremont Meadows: Operation of water treatment plant, operation of sediment basin, material stockpiling and haulage, shaft anchor installation ongoing, Tunnel Boring Machine (TBM) breakthrough.
 - Orchard Hills: Spoil and topsoil storage, operation and maintenance of erosion and sediment controls, pre-cast tunnel segment storage, TBM launch and progression, processing and storage of tunnel spoil, shotcreting completion, handover to SSTOM of Kent and Lansdowne Roads, completion of dive and station box, operation of water treatment plan.
 - Bringelly: Excavation of shaft material near completion, spoil stockpiling and haulage to M12, operation of water treatment plant, storage of top soil and asbestos containing materials (ACM) in western stockpile area, operation of water treatment plant.

¹ According to the Environmental Representative Monthly Reports, the works observed during the site inspection and the works described by the auditees during the interviews.

- Aerotropolis: Completion of station box, stub tunnel excavation using road-deader completed and lining underway, stockpiling and haulage offsite of station box excavation spoil, operation of water treatment plant, completion of perimeter clean and drainage swales. Aerotropolis was handed over to the SSTOM package in October 2023.
- SCAW:
 - Patons Lane: Material import and placement, culvert construction.
 - Stabling and Maintenance Facility (SMF): Stockpiling of vegetation and materials. ACM encapsulation. The majority of the SMF was handed over to SSTOM in November 2023.
 - Defence: Vegetation management, fauna crossing installation, viaduct preparations and pier construction, ACM removal.
 - Elizabeth Drive: Sandstone delivery, crushing and placement progressing south.
 - M12 to Cosgrove's Creek: Sandstone used to build the formation, piling completed at Cosgrove's Creek, clearing and haul road crossing ongoing.
 - Luddenham Station: Construction of Luddenham Rd roundabout, structural station works ongoing, construction of alternative Celestino access.
 - Luddenham Road South: Ongoing placement of viaduct segments, ongoing structural works, sediment basin operational adjacent to Cosgrove's Creek.

Works on the SSTOM package of this Project has commenced but has not been considered within the scope of this Independent Audit Report. A separate Independent Audit has been conducted with additional report to be prepared for the SSTOM package.

The Independent Audit

This Audit Report presents the findings from the fifth Independent Audit on the Project, covering the period from 22 August 2023 to 29 February 2024 (the 'audit period').

The objective of this Independent Audit is to satisfy SSI 10051 Schedule 2, condition A36, which states:

Independent Audits of the CSSI must be conducted and carried out in accordance with the Independent Audit Post Approval Requirements (DPIE, 2020).

The overall outcome of the Independent Audit was positive. Compliance records were organised and available at the time of the site inspection and interviews with Sydney Metro, the Environmental Representative and its contractors.

Relevant environmental and compliance monitoring records were being collected and reported as required to provide verification of compliance to statutory requirements and the broader Project environmental requirements.

With respect to findings from the fifth Independent Audit:

- There were 222 conditions assessed.

- 173 conditions were considered to be compliant.
- Two (2) non-compliances were identified. These relate to queuing of trucks at Orchard Hills and submission of post-construction condition survey reports at St Marys.
- 47 conditions were considered not triggered.
- In addition to the above, 12 observations were identified. These relate to establishment of Minor Ancillary Facilities at St Marys, Project markings on spoil trucks, dewatering of construction water, surface water monitoring, preparation of the Tree Survey and Staging, obtaining a Site Audit Statement for a Remediation Action Plan, obtaining Section A Site Audit Statements following remediation, reuse of non-potable water, damage to Luddenham Road and management of surface water flows between interfacing construction sites.

With respect to the status of the 14 findings that were open at the time of completion of the fourth Independent Audit:

- Nine (9) previously open findings are considered by the Auditor to be closed.
- Four (4) findings are considered still open or only partially closed. These relate to the SBT Water Reuse Plan, updates to the Communication Interface Coordination Group, management of cumulative impacts and remediation works at Lot 97 at Orchard Hills.

The Auditor found that the post-approval documents were of a very high standard and largely being implemented. The deficiencies in implementation are incorporated into the non-compliance and observations raised above, and detailed in Section 3.2 and 3.3.

The Auditor is of the view that complaints and incidents are being properly identified, investigated and responded to and categorised.

46 complaints were recorded on the complaints register, 38 relevant to SBT and 8 relevant to SCAW. None were recorded in relation to FSMs works. The most complaints were received about works at or proximal to the Orchard Hills site (27) and relating to soil and water (10).

The auditees have not identified any incidents requiring notification to the Department during the audit period.

The Auditor considers that the works being undertaken and the resulting impacts are consistent with that described in the EIS and RtS. Overall, the Auditor considers the environmental performance of the Project during the audit period to be sound. The following is of note:

- It is the Auditor's view that the Project should consider adopting a more conservative approach to the establishment of Minor Ancillary Facilities that are outside the Project boundary, so as to prevent the potential for Project creep.
- The management of dust, noise and vibration, Out of Hours Works, flora and fauna, and traffic appears to be sound, given the scale of the Project. Whilst complaints were recorded that are relevant to these aspects, there does not appear to be any material mismanagement.
- Notwithstanding the above, the Auditor is of the view that cumulative impact risk remains due to the intensification of construction across the region (from both Sydney Metro and non-Sydney Metro projects). With this in mind, the Auditor observes the following:

- Pursuant to the fourth Independent Audit, Sydney Metro has made progress in coordinating Out of Hours Works with other major projects in the area through its Communication Interface Coordination Group, and this is a positive development.
- Sydney Metro however, does not appear to have introduced a process whereby Detailed Noise and Vibration Impact Statements and other noise and vibration assessments include activities / impacts of third parties (or include a justification as to why inclusion of this information is not required) as was recommended in the fourth audit (finding 10051_IA4_16). The Auditor considers this finding from the fourth audit to remain open.
- The interfacing between the various sites of Sydney Metro packages (namely SSTOM to both SBT and SCAW at Orchard Hills) and, more significantly, the M12 to SCAW at Elizabeth Drive presents a material risk associated with surface water runoff during inclement weather if not properly managed. At present, the erosion and sediment control may not be adequately designed to accommodate the volumes of water being introduced by the upstream interfacing projects. Of note also is the prevalence of soil and water quality complaints received for the period (ten), indicating that offsite impacts may have been observed during the audit period. Notwithstanding this, the auditees have demonstrated that progress has been made in establishing processes and controls to prevent or mitigate this risk.

Detailed findings are presented in Section 3, along with actions proposed or undertaken by the auditees to address the findings.

The Auditor would like to thank the auditees from Sydney Metro, the Environmental Representative and its contractors for their high level of organisation, cooperation, and assistance during the Independent Audit.

1. INTRODUCTION

1.1 The Project

1.1.1 Overview

Sydney Metro is responsible for delivery of the Sydney Metro Western Sydney Airport Project (the Project). Approval for the Project was granted in State Significant Infrastructure (SSI) 10051 by the Minister for Planning and Public Spaces on 23 July 2021, subject to a number of conditions.²

The Project involves construction and operation of a new metro railway line around 23 kilometres in length between St Marys in the north and the Aerotropolis Core precinct in the south (the area to be called Bradfield). This includes a section of the alignment that passes through and provides access to Western Sydney International (Nancy-Bird Walton) Airport, currently under construction.

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- Interface with key roads including the Great Western Highway, M4 Western Motorway, Luddenham Road, the future M12 Motorway, The Northern Road, Elizabeth Drive and Badgerys Creek Road, as well as key utilities such as the Warragamba to Prospect Water Supply Pipelines
- Include waterway crossings of Blaxland Creek and Cosgrove's Creek.

The Project includes works required to support its construction and operation, including all operational systems and infrastructure such as fresh air ventilation systems, signalling, communications, overhead wiring, rail corridor fencing and access tracks/paths.

A stabling and maintenance facility and operational control centre would be required to support operation of the project. The facility is proposed to be located in Orchard Hills, to the south of Blaxland Creek and east of the proposed metro line. Services facilities are proposed at Claremont Meadows and Bringelly for the St Marys to Orchard Hills tunnel and Western Sydney International

² Note that the Department of Planning and Environment (DPE) was renamed on 1 January 2024 to the Department of Planning Housing and Infrastructure (DPHI). This Report refers to the agency as the 'Department', or 'DPH'I throughout.

to Bringelly tunnel, respectively. The need for the Claremont Meadows services facility is subject to further investigation.

An overview of the Project and its location is shown in Figure 1.

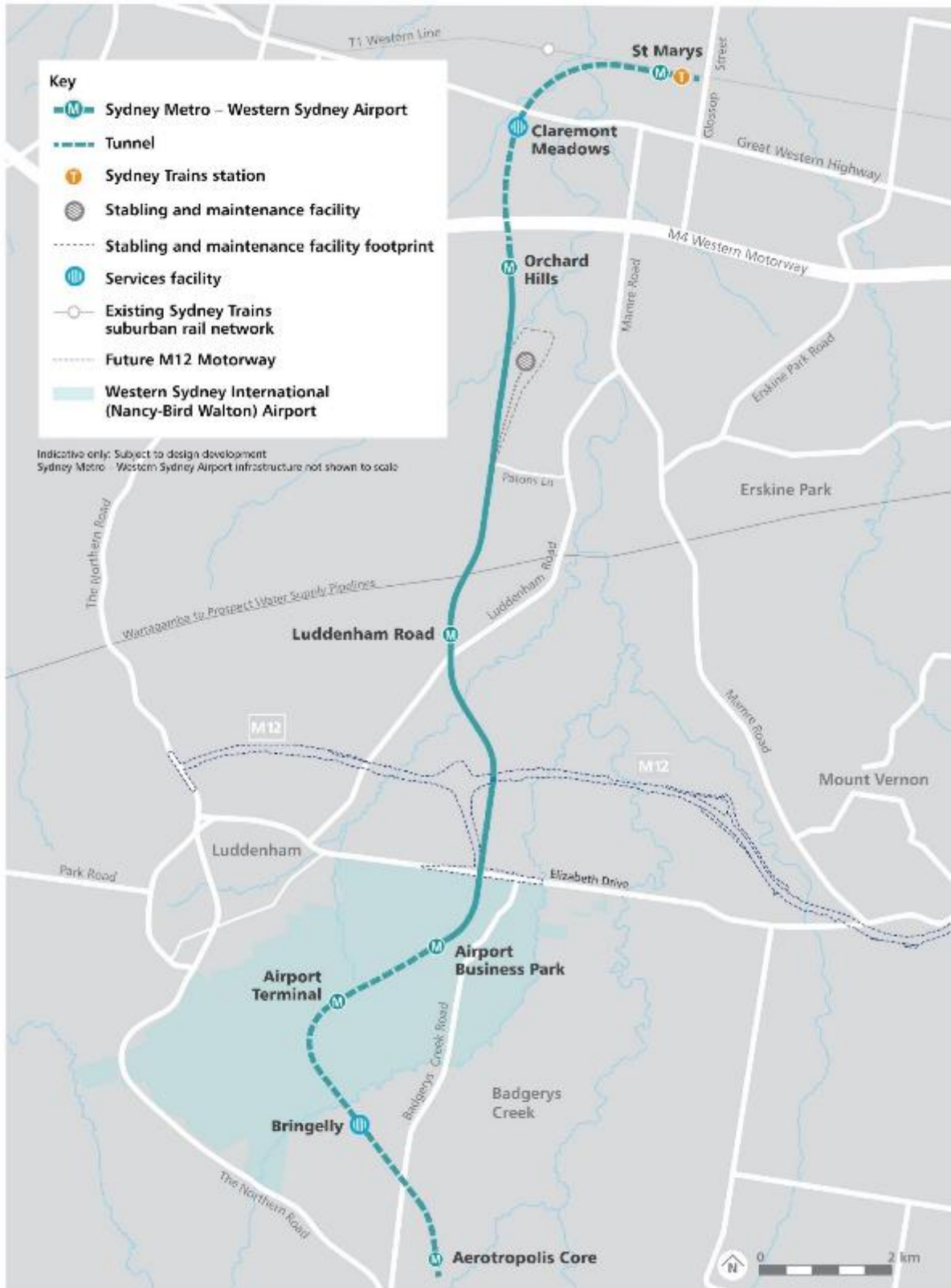


Figure 1: Project location and overview (source: Project EIS)

A section of the alignment passes through the Western Sydney International Airport site is subject to the *Airports Act 1996* (Cth) (*Airports Act*). As such, these works are outside of the scope of the Planning Approval (SSI 10051), and therefore outside of the scope of this Independent Audit. The separation of State and Commonwealth portions of the Project is illustrated in Figure 2.

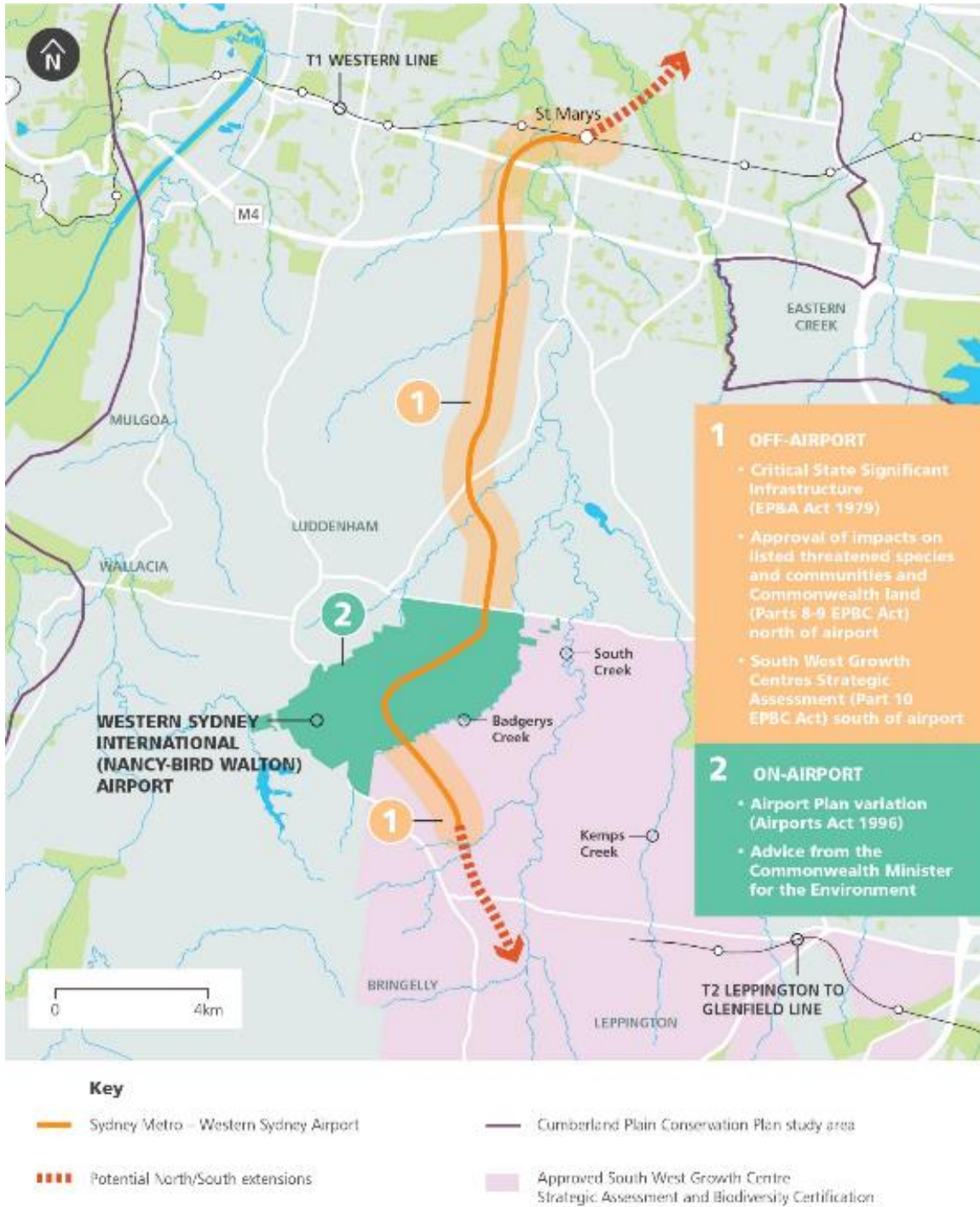


Figure 2: Sydney Metro Western Sydney Airport Planning Approval Strategy (source: Project EIS)

1.1.2 Changes to the Project

Modification 1

The Project Approval has been modified on one occasion. On 14 April 2022 (prior to the current audit period), the Department of Planning and Environment (the Department) approved an application to amend condition E4 to reduce the biodiversity offset credit requirement. This modification has been included in the scope of this Independent Audit.

Consistency Assessments / Environmental Reviews

Three consistency assessments/environmental reviews were determined by Sydney Metro during the audit period, as follows:

Luddenham South Basin Outlet works

Principal Contractor for SCAW, CPB United Infrastructure Joint Venture (CPBUI), proposed to temporarily expand the construction footprint East of ch28500 – 28540 for a four-week period to facilitate earthworks which are required for the final design of the Project. The boundary expansion involved the reshaping of land within a former farm dam footprint to accommodate an outlet and drainage line. An assessment was carried out to determine whether the proposed change is consistent with the Project Approval. The assessment also included justification, potential impacts, benefits and proposed controls. On 23 January 2024, Sydney Metro determined that the adjustment is consistent with the Project Approval.

Aerotropolis Overland Pipeline for Water Treatment Plant Discharges

Principal Contractor for SBT, CPB Ghella (CPBG), proposed to extend a pipeline from the construction footprint by approximately by 120m x 2.5m between the Aerotropolis site to Thompsons Creek. Lay flat piping with supports were laid and a discharge point with scour protection installed. The pipeline is to be removed upon completion of the relevant construction works at Aerotropolis Core. An assessment was carried out to determine whether the proposed change is consistent with the Project Approval. The assessment also included justification, potential impacts, benefits and proposed controls. On 4 August 2023, Sydney Metro determined that the adjustment is consistent with the Project Approval.

Claremont Meadows Tunnelling Support Activities

Principal Contractor for SBT, CPBG, proposed to use the Claremont Meadows services facility construction site for tunnelling support activities. The support activities would comprise the handling and temporary storage of precast segments delivered to site, prior to being put into use in the tunnels via the Claremont Meadows shaft and the establishment of a second (cross-passage) access to the tunnels from the Orchard Hills box, along with the ancillary works required to support these activities (site levelling and stabilisation, concrete works, spoil handling/storage/export). An assessment was carried out to determine whether the proposed change is consistent with the Project Approval. The assessment also included justification, potential impacts, benefits and proposed controls. On 9 February 2024, Sydney Metro determined that the adjustment is consistent with the Project Approval

The aforementioned assessments have been included in the scope of this audit.

1.1.3 Staging

A Staging Report (Staging Report, Sydney Metro, Revision 9, 5 May 2023) has been prepared for the Project in accordance with conditions A10/A11. According to Revision 9 of the Staging Report, construction of the Project stages are summarised as follows:

- **Advanced Enabling Works (AEW)** – comprising establishment of key construction site and facilitation of construction activities. This includes site investigations, power and water supply works, demolition, utility diversions, and modifications to the existing transport network. The AEW stage is split into nine (9) sub-stages, as follows:
 - AEW – Demolition
 - AEW – Gas
 - AEW – Integrated Project Office (later referred to as SSTOM Project Office, or SPO)
 - AEW – Power
 - AEW – Roadworks
 - AEW – Footbridge St Marys (FSM)
 - AEW – St Marys Station Lift Relocation
 - AEW – St Marys Temporary Bus Interchange (TBI)
 - AEW – Water.
- **Station Box and Tunnels (SBT) Preparatory Works** – comprising site establishment works along with Non-Aboriginal archaeological investigations and (if triggered) salvage works at the western end of the St Marys Station Box, demolition, vegetation clearing, property adjustments, site levelling/grading, flood mitigation and drainage, contamination remediation works and offsite disposal including underground storage tanks and cattle dipping site(s), piling and foundation works, utility and temporary services work.
- **SBT Bulk Excavation and Tunnelling Works** – comprising Preparatory Works scope not completed prior to ER endorsement / Department approval (where required) of the nominated Construction Environmental Management Plans, Sub-plans and monitoring programs, remaining temporary piling and permanent piling, bulk excavation, acoustic shed installation, mined and Tunnel Boring Machine (TBM) tunnelling and cross passage construction, decommissioning of elements that are not handed over to follow-on contractors.
- **Surface and Civil Alignment Works (SCAW) Preparatory Works** – comprising site establishment activities, vegetation clearing, civil works set up at the stabling and maintenance facility at Orchard Hills, stockpiling of approximately 300,000 tonnes of topsoil and fill, contamination and remediation works, use of ancillary facilities.
- **SCAW Main Excavation and Viaduct Works** – comprising Preparatory Works scope not completed prior to ER endorsement / Department approval (where required) of the nominated Construction Environmental Management Plans, Sub-plans and monitoring programs, viaducts and bridges, works within riparian zones, native vegetation clearing, bulk excavation, decommissioning of elements that are not handed over to follow-on contractors.

- **Stations, Systems, Trains and Operations and Maintenance (SSTOM)** – comprising station design and fit out, urban and landscape design, precinct and transport integration works; testing and commissioning; and operation of the metro service.

A Finalisation and Auxiliary Works (FAW) stage is under development and will be incorporated into the Project's Staging Report in future.

SSTOM includes both construction and operations. SSTOM construction phases are identified in the Staging Report, however neither construction nor operations are staged at this time.

The following table indicates the construction commencement and completion dates, from Revision 9.0 of the Staging Report, and as provided by Sydney Metro during the Independent Audit.

Table 1 Construction dates

Stage	Construction start date	Construction finish date
AEW - Demolition	24/01/22	13/05/22 (prior to current audit period)
AEW – Gas	Sydney Metro advise that this stage has not commenced and may not be required.	
AEW – SPO ³	30/01/23.	20/12/23
AEW – Power	04/02/22	21/09/22 (prior to current audit period)
AEW – Roadworks	25/06/22	18/08/22 (prior to current audit period)
AEW – Footbridge St Marys	27/05/23	Estimated: Q4 2025
AEW – St Marys Station Lift Relocation	26/05/22	30/11/22 (prior to current audit period)
AEW – St Marys Temporary Bus Interchange (TBI)	24/11/21	06/06/22 (prior to current audit period)
AEW – Water	03/07/23	05/12/23
SBT Preparatory Construction	19/04/22	First week of November 2022 (upon commencement of SBT Bulk Excavation and Tunnelling Works)
SBT Bulk Excavation and Tunnelling Works	Intended start date of 10/10/22, delayed due to wet weather until first week of November 2022.	Estimated: Q4 2024
SCAW Preparatory Construction	10/10/22	01/11/22 (upon commencement of SCAW Main Excavation and Viaduct Works)
SCAW Main Excavation and Viaduct Works	01/11/22	Estimated: Q4 2025

³ SPO does not involve construction as defined by the Approval. Dates refer to establishment works.

Stage	Construction start date	Construction finish date
SSTOM	Estimated: Q4 2024	Ongoing (into operations)

1.1.4 Works conducted during the audit period

The Auditor understands that the following activities were conducted during the audit period (22 August 2023 to 29 February 2024)⁴:

- AEW:
 - FSM: Geotechnical investigations, piling works, compound establishment, clearing of trees adjacent to the commuter car park, service investigations, material haul out from piling works.
 - Water: Completion of compound setup, compound rehabilitation, commencement of underboring, completion of trenching works on Old Luddenham Rd, minor demobilisation activities. Note as per Section 1.1.3, AEW Water was completed prior to the audit commencing.
 - SPO: finalisation of fitout of the SPO building. Note as per Section 1.1.3, AEW SPO was completed prior to the audit commencing.
- SBT:
 - St Marys: Station box excavation in the west and invert blinding in the east, spoil haulage to laydown area and offsite, Main Laydown spoil storage bay operational with erosion and sediment controls upgraded further to collect water for treatment, water treatment plant in operation. St Marys was handed over to the SSTOM package in October 2023.
 - Claremont Meadows: Operation of water treatment plant, operation of sediment basin, material stockpiling and haulage, shaft anchor installation ongoing, Tunnel Boring Machine (TBM) breakthrough.
 - Orchard Hills: Spoil and topsoil storage, operation and maintenance of erosion and sediment controls, pre-cast tunnel segment storage, TBM launch and progression, processing and storage of tunnel spoil, shotcreting completion, handover to SSTOM of Kent and Lansdowne Roads, completion of dive and station box, operation of water treatment plan.
 - Bringelly: Excavation of shaft material near completion, spoil stockpiling and haulage to M12, operation of water treatment plant, storage of top soil and asbestos containing materials (ACM) in western stockpile area, operation of water treatment plant.

⁴ According to the Environmental Representative Monthly Reports, the works observed during the site inspection and the works described by the auditees during the interviews.

- Aerotropolis: Completion of station box, stub tunnel excavation using road-deader completed and lining underway, stockpiling and haulage offsite of station box excavation spoil, operation of water treatment plant, completion of perimeter clean and drainage swales. Aerotropolis was handed over to the SSTOM package in October 2023.
- SCAW:
 - Patons Lane: Material import and placement, culvert construction.
 - Stabling and Maintenance Facility (SMF): Stockpiling of vegetation and materials. ACM encapsulation. The majority of the SMF was handed over to SSTOM in November 2023.
 - Defence: Vegetation management, fauna crossing installation, viaduct preparations and pier construction, ACM removal.
 - Elizabeth Drive: Sandstone delivery, crushing and placement progressing south.
 - M12 to Cosgrove’s Creek: Sandstone used to build the formation, piling completed at Cosgrove’s Creek, clearing and haul road crossing ongoing.
 - Luddenham Station: Construction of Luddenham Rd roundabout, structural station works ongoing, construction of alternative Celestino access.
 - Luddenham Road South: Ongoing placement of viaduct segments, ongoing structural works, sediment basin operational adjacent to Cosgrove’s Creek.

1.2 The audit team

In accordance with Schedule 2, condition A38 of SSI 10051, and Section 3.1 of the Department’s 2020 document *Independent Audit Post Approval Requirements (IAPAR)*, Independent Auditors must be suitably qualified, experienced, and independent of the Project, and appointed by the Planning Secretary. Table 2 presents the auditor for this, fifth, Independent Audit on the Project.

Table 2 Audit Team

Name	Company	Participation during this audit	Certification
Derek Low	WolfPeak	Lead Auditor	Exemplar Global Certified Lead Environmental Auditor (Certificate No 114283)

Approval of the auditor was provided by the Department on 19 December 2023. The approval is presented in Appendix B. Declarations from the Auditors are presented in Appendix F.

1.3 The audit objectives

The objective of this Independent Audit is to satisfy SSI 10051 Schedule 2, condition A36, which states:

Independent Audits of the CSSI must be conducted and carried out in accordance with the Independent Audit Post Approval Requirements (DPIE, 2020).

The IAPAR sets out the scope, methodology and reporting requirements for Independent Audit.

This Independent Audit seeks to fulfil the requirements of condition A36, to verify compliance with the relevant conditions, and assess the effectiveness of environmental management on the Project using the scope, methodology and reporting requirements from the IAPAR.

To note, condition A37 states:

Notwithstanding Condition A36, the Proponent may prepare an audit program to outline the scope and timing of each independent audit that will be undertaken during construction. If prepared, the audit program must be developed in consultation with, and approved by, the Planning Secretary prior to commencement of the first audit and implemented throughout construction.

An audit program has not been prepared and, therefore, the IAPAR has been implemented in full for this fifth Independent Audit.

1.4 Audit scope

This Audit Report relates to the fifth Independent Audit on the Project, covering the period from the 22 August 2023 to 29 February 2024 (the 'audit period').

The scope of the Independent Audit comprises:

- An assessment of compliance with:
 - All conditions of consent applicable to the phase of the development that is being audited
 - All post approval and compliance documents prepared to satisfy the conditions of consent, including an assessment of the implementation of Environmental Management Plans and Sub-plans; and
- A review of the environmental performance of the development, including but not necessarily limited to, an assessment of:
 - Actual impacts compared to predicted impacts documented in the environmental impact assessment
 - The physical extent of the development in comparison with the approved boundary
 - Incidents, non-compliances and complaints that occurred or were made during the audit period
 - The performance of the development having regard to agency policy and any particular environmental issues identified through consultation carried out when developing the scope of the audit; and
 - Feedback received from the Department, and other agencies and stakeholders, including the community or Community Consultative Committee (if there is one)

for the Project), on the environmental performance of the project during the audit period

- The status of implementation of previous Independent Audit findings, recommendations and actions (if any)
- A high-level assessment of whether Environmental Management Plans and Sub-plans are adequate; and
- Any other matters considered relevant by the auditor or the Department, considering relevant regulatory requirements and legislation, knowledge of the development's past performance and comparison to industry best practices.

The works and packages covered by this Independent Audit are SBT (Bulk Excavation and Tunnelling Works), SCAW (Main Excavation and Viaduct Works) and AEW FSM.

2. AUDIT METHODOLOGY

2.1 Audit process

The Independent Audit was conducted in a manner consistent with AS/NZS ISO 19011.2019 – *Guidelines for Auditing Management Systems* and the methodology set out in the Department’s IAPAR.

2.2 Audit process detail

2.2.1 Audit initiation and scope development

Prior to the commencement of the audit the following tasks were completed:

- Establish initial contact with the auditee
- Confirm the audit team
- Confirm the audit purpose, scope, criteria and program
- Consult with the Department on the audit scope.

The auditee organisations (together referred to as the auditee/s or Project team) were identified as follows:

- The Proponent: Sydney Metro
- The Environmental Representatives (ER): Healthy Buildings international (HBI)
- The SBT principal contractor: CPB Ghella Joint Venture (CPBG)
- The SCAW principal contractor: CPB United Infrastructure Joint Venture (CPBUI)
- The AEW FSM principal contractor: Laing O’Rourke (engaged by Transport for NSW, as Owner Participant of the package).

The involvement of the personnel representing the auditees is identified in Section 2.2.3 below.

WolfPeak consulted with the Department on 7 December 2023 to obtain its input into the scope of the Independent Audit in accordance with Section 3.2 of the IAPAR. On 20 December 2023, the Department responded and requested that NSW Environment Protection Authority (EPA) and both Penrith and Liverpool City Councils also be consulted. On 9 January 2024 WolfPeak consulted with these stakeholders. A summary of the key issues and areas of focus raised by the stakeholders is presented in Table 3.

Table 3: Key issues and areas of focus raised during consultation

Stakeholder	Issue and Focus	How Addressed
Department of Planning Housing and Infrastructure	<p>The Department requested that:</p> <ul style="list-style-type: none"> • the audit is conducted in accordance with condition A36, which requires the audit to be carried out in accordance with the IAPAR 	<p>This audit was conducted in accordance with the IAPAR.</p> <p>Particular attention was given to tunnelling and</p>

Stakeholder	Issue and Focus	How Addressed
	<ul style="list-style-type: none"> particular attention is paid during the audit, including the audit inspection, to the Orchard Hills tunnelling site, and the interfaces between the various packages at the Orchard Hills sites. NSW EPA, Penrith and Liverpool City Councils also be consulted. 	<p>interfacing at the Orchard Hills site. Refer to Section 3.5 of this Report.</p> <p>Consultation with the identified stakeholders was completed. Refer below.</p>
NSW EPA	No comments or issues to raise.	-
Penrith City Council	No comments or issues to raise.	-
Liverpool City Council	Council requested that the audit include an assessment of how conditions pertinent to Council have been satisfied, namely conditions A18, A34, A35, C5, C13, D3 and D5, E12, E17, E18, E25, E27, E32, E58, E74, E77, E96, E97.	The matters raised by Council have been assessed. Refer to Section 3.5 and the findings for each condition within Appendix A.

2.2.2 Preparing audit activities

The Auditor performed a document review, prepared an audit plan and delivery program, and prepared work documents (audit checklists) and distributed to the auditees in preparation for the Independent Audit.

2.2.3 Personnel involvement

A number of people from the organisations subject to audit were involved in the Independent Audit. Table 3 presents the involvement of personnel representing the auditees.

Table 3: Key personnel involved

Organisation	Stage / Package	Position Title	Name	Involvement
Sydney Metro	SBT	Manager Environment	Andrew Smith	Opening meeting, interviews and document reviews, inspection (all SBT sites), closing meeting
Sydney Metro	SCAW	Manager Environment	Tim Solomon	Opening meeting, interviews and document reviews, inspection (all SCAW sites), closing meeting
Sydney Metro	AEW	Environment Coordinator	Ella Somerset	Opening meeting, inspection (all AEW sites), interviews and document reviews, closing meeting
Sydney Metro	All	A/ Senior Manager Environment	Chris Berg	Opening meeting, interviews and document reviews

Organisation	Stage / Package	Position Title	Name	Involvement
Sydney Metro	All	A/ Senior Manager Environment	Ryan Butler	Document transmittal, closing meetings
Sydney Metro	All	Director, Environment, Sustainability and Planning	Hugh Chapman	Opening meeting
Sydney Metro	All	Communications Manager	Dee Grech	Interview and document reviews
Sydney Metro	All	Senior Communications Manager	Peter Gresser	Opening meeting, document transmittal
Sydney Metro	All	Director, Communications Manager	Rhys Haynes	Interview, document transmittal
Sydney Metro	All	Senior Advisor Heritage	Georgia Wright	Interview and document reviews
Sydney Metro	All	Environment Specialist Culture Heritage	Colin Davison	Interview and document reviews
Sydney Metro	All	Sustainability Manager	Nicole Hansen	Interview, document transmittal
Sydney Metro	All	Senior Manager Sustainability	Laura Pritchard	Interview, document transmittal
Sydney Metro	All	Project Officer, Environment	Marea Rakete	Document transmittal, closing meeting
CPBG	SBT	Approvals, Environment & Sustainability Manager	Emma Kline	Opening meeting, inspection (all sites) interviews and document reviews, closing meeting
CPBG	SBT	Project Services Director	Travis Butler	Opening meeting
CPBG	SBT	Approvals and Sustainability Manager	Jeremy Slattery	Opening meeting, inspection (all sites), interviews and document reviews, closing meeting
CPBG	SBT	Environmental Coordinator	Josh Cosier	Interviews and document reviews, closing meeting
CPBG	SBT	Environmental Coordinator	Jack Brennan	Inspection (all sites)
CPBG	SBT	Environmental Coordinator	Allan Hilleny	Inspection (Claremont Meadows)
CPBG	SBT	Site Supervisor	Brendan Watson	Inspection (Claremont Meadows)
CPBG	SBT	Project Manager	Toufic Najarin	Inspection (Orchard Hills)

Organisation	Stage / Package	Position Title	Name	Involvement
CPBG	SBT	Design Lead	Logan Yugasuthan	Interview and document reviews
CPBG	SBT	Communications Manager	Chantelle Garrett	Interview and document reviews
CPBG	SBT	Traffic Manager	Abdullah Kahn	Interview and document reviews
CPBUI	SCAW	Environment Manager	Michael Watts	Opening meeting, inspection (all sites), interviews and document reviews, closing meeting
CPBUI	SCAW	Environment Coordinator	Maddison Said	Inspection (all sites), interviews and document reviews, closing meeting
CPBUI	SCAW	Environment Coordinator	Josh Jenkins	Inspection (all sites), interviews and document reviews, closing meeting
CPBUI	SCAW	Sustainability Advisor	Daniel Fernandez	Interview and document reviews
CPBUI	SCAW	Sustainability Advisor	Harjot Virk	Interview and document reviews
CPBUI	SCAW	Sustainability Advisor	Kye Oxley-Garnett	Interview and document reviews
CPBUI	SCAW	Community Manager	Joel Warne	Interview and document reviews
Laing O'Rourke	AEW FSM	Environment Manager	Chris McCallum	Inspection, interviews and document reviews, closing meeting
Laing O'Rourke	AEW FSM	Environment Advisor	Lochlan Browne	Opening meeting, inspection (all sites), interviews and document reviews, closing meeting
APP	AEW FSM	Project Manager	Andy Williams	Inspection, closing meeting
Transport for NSW	AEW FSM	Senior Environment and Sustainability Officer	Hayley Scapin	Opening meeting, inspection (all sites), interviews and document reviews, closing meeting

2.2.4 Meetings

Opening and closing meetings were held with the Auditor and Project personnel.

An opening meeting was held remotely (via Teams) on 5 February 2024, then revisited prior to the commencement of the inspection and interviews for each package. During the opening meetings, the objectives and scope of the Independent Audit, the resources required and methodology to be applied were discussed.

Closing meetings were held remotely (via Teams) for SBT on 11 March 2024, and for SCAW and AEW FSM on 13 March 2024. At the closing meetings, preliminary audit findings were presented, preliminary recommendations (as appropriate) were made, and any post-audit actions were confirmed.

Attendance records for the opening and closing meetings are presented in Appendix C.

2.2.5 Site inspection

The on-site inspection activities were conducted as follows:

- SBT: St Marys, Claremont Meadows, Orchard Hills and Bringelly on 6 February 2024
- SCAW: Stabling and Maintenance Facility, Elizabeth Drive, M12 to Cosgrove's Creek, Luddenham Station and Luddenham Road south on 6 February 2024, and Defence on 12 February 2024.
- AEW FSM: Compound, platform and minor ancillary facility No. 3 on 13 February 2024.

The Auditor inspected the entirety of each site where it was safe to do so.

Photos are presented in Appendix E.

2.2.6 Document review and interviews

The Independent Audit included investigation and review of Project files, records and documentation that acts as evidence of compliance (or otherwise) with a compliance requirement, and interviews with key Project personnel.

Refer to Section 2.2.3 for details on the personnel interviewed. Interviews and document review sessions were conducted with the auditees as follows:

- SBT and Sydney Metro: 7 and 8 February 2024 (face-to-face)
- SCAW and Sydney Metro: 9 and 12 February 2024 (face-to-face)
- AEW and Sydney Metro: 7 August 2023 (face-to-face).

In addition to the above, the Auditor raised requests for information, in order to obtain evidence that was not available during the audit interviews and document reviews. These requests were issued to the auditees on 19 February 2024. Responses were provided by the auditees on 27 February 2024.

2.2.7 Generating audit findings

Independent Audit findings were based on verifiable evidence. The evidence included:

- Relevant records, documents and reports
- Interviews of relevant site personnel
- Photographs
- Figures and plans; and
- Site inspections of relevant locations, activities and processes.

2.2.8 Compliance evaluation

The Auditor determined the compliance status of each compliance requirement in the Audit Table, using the descriptors from Table 2 of the IAPAR, as listed in Table 4, below:

Table 4: Compliance descriptors from Table 2 of the IAPAR

Status	Description
Compliant	The Auditor has collected sufficient verifiable evidence to demonstrate that all elements of the requirement have been complied with within the scope of the audit.
Non-compliant	The Auditor has determined that one or more specific elements of the conditions or requirements have not been complied with within the scope of the audit.
Not Triggered	A requirement has an activation or timing trigger that has not been met at the time when the audit is undertaken, therefore an assessment of compliance is not relevant.

Observations and notes were also made to provide context, identify opportunities for improvement or highlight positive initiatives.

2.2.9 Evaluation of post audit approval documentation

The Auditor assessed whether post approval documents:

- have been developed in accordance with the conditions and all other environmental licences and approvals applicable to the Project (if any) and their content is adequate.
- have been implemented in accordance with the conditions and all other environmental licences and approvals applicable to the Project (if any).

The adequacy of post approval documents was determined on the basis of whether:

- there are any non-compliances resulting from the implementation of the document; or
- whether there are any opportunities for improvement.

2.2.10 Completing the audit

The Independent Audit Report was distributed to the auditees to check factual matters and to provide responses to the findings (where relevant). The Auditor retained the right to make findings or recommendations based on the facts presented. The Auditor's findings have been determined independent of the auditees, the Department and any other parties, based on the evidence assessed during the audit.

3. AUDIT FINDINGS

3.1 Approvals and documents audited, and evidence sighted

The documents audited comprised all the conditions from Schedule 2 of SSI 10051 applicable to the works being undertaken and the post approval documents relevant to the current audit period.

The primary documentation reviewed prior to and after the site visits and interviews are listed below. This list is not exhaustive. The full set of documents and evidence sighted against each requirement is detailed within Appendix A.

Primary documentation:

- Sydney Metro – Western Sydney Airport Environmental Impact Statement, 21 October 2020 (the EIS)
- Sydney Metro – Western Sydney Airport Submissions Report (no date), submitted April 2021 (the RtS)
- Sydney Metro Western Sydney Airport – Conditions of Approval (SSI 10051), 23 July 2021 (the Approval), including Modification 1, 14 April 2022
- Sydney Metro Western Sydney Airport – CSSI Staging Report, Revision 9.0, 5 May 2023 (the Staging Report)
- Sydney Metro Western Sydney Airport complaints register current to 29 February 2024
- Sydney Metro Western Sydney Airport incident register current to 27 February 2024
- Overarching Community Communication Strategy, Sydney Metro, Rev 2.2, 7 April 2021
- SBT Community Communications Strategy, 20 May 2022
- SBT Community Communications Strategy, Aerotropolis, 26 April 2022
- SBT Community Communications Strategy, Bringelly, 26 April 2022
- SBT Community Communications Strategy, St Marys, 9 May 2022
- SBT Community Communications Strategy, Claremont Meadows, 3 June 2022
- SBT Community Communications Strategy, Orchard Hills, 5 July 2022
- SBT Small Business Owners Engagement Plan, St Marys, 16 May 2022
- SBT Construction Environmental Management Plan, 29 September 2022
- SBT Spoil Management Sub-Plan, 2 September 2022
- SBT Waste and Recycling Management Sub-Plan, 10 October 2022
- SBT NSW (Off-airport) Construction Noise and Vibration Management Sub-plan, 20 February 2024 including Noise and Vibration Monitoring Program
- SBT NSW (Off-airport) Flora and Fauna Management Sub-plan, 20 February 2024 including procedures

- SBT NSW (Off-Airport) Soil and Water Management Sub-Plan, 21 September 2022 including groundwater monitoring program, surface water monitoring program, procedures
- SBT Detailed Noise and SBT Detailed Noise and Vibration Impact Statement - Orchard Hills Tunnel Support Worksite, July 2023
- SBT Detailed Noise and Vibration Impact Statement - Claremont Meadows Ventilation Facility, September 2023 and addendum 14 February 2024
- SBT Detailed Noise and Vibration Impact Statement - Bringelly Services Facility, February 2024
- SBT Overarching Construction Traffic Management Plan (CTMP), 16 June 2022, 16/06/22 and sub-plans:
 - SBT CTMP Bringelly, 2 June 2022
 - SBT CTMP Claremont Meadows, 15 June 2022
 - SBT CTMP Geotech Scope North 5 April 2023
 - SBT CTMP Orchard Hills Site Establishment 27 June 2023
 - SBT CTMP Orchard Hills Operations September 2022.
- SCAW Community Communications Strategy, 24 November 2022
- SCAW Community Communications Strategy, Northern Project Region, 9 December 2022
- SCAW Community Communications Strategy, Southern Project Region, 9 December 2022
- SCAW Construction Environmental Management Plan, 13 December 2023
- SCAW Noise and Vibration Management Sub-plan, 13 December 2023 including noise and vibration monitoring program
- SCAW Spoil Management Plan, 29 September 2022
- SCAW Non-Aboriginal Heritage Sub-plan, 4 October 2022 including procedures
- SCAW Fauna and Flora Management Sub-plan, 13 March 2023 including procedures,
- SCAW Visual Amenity Management Plan, 19 October 2022
- SCAW Soil and Water Management Sub-plan, 4 October 2023 including surface water quality monitoring program, procedures
- SCAW Air Quality Management Subplan, 29 September 2023 including air quality monitoring program, procedures
- SCAW Waste Management Sub-plan, 10 October 2022
- SCAW Detailed Noise and Vibration Impact Statement Lansdowne Road / Samuel Marsden Earthworks & Structure Works, 13 November 2023

- SCAW Detailed Noise and Vibration Impact Statement, Sandstone Delivery and Placement for Cosgroves Creek to Patons Lane and Defence Establishment Orchard Hills & Haul Road Drainage Crossing, 21 September 2023
- SCAW Detailed Noise and Vibration Impact Statement, Warragamba Pipeline Works, Luddenham Roundabout Works and Full Viaduct Alignment – Cosgrove’s Creek to Paton’s Lane, 26 July 2023
- SCAW Detailed Noise and Vibration Impact Statement, Survey and Utility Investigation Works, 21 September 2022
- SCAW Detailed Noise and Vibration Impact Statement, Material Delivery and Stockpiling, 23 February 2023
- SCAW Detailed Noise and Vibration Impact Statement, OOHV deliveries at Elizabeth Drive, 9 January 2023
- SCAW Overarching CTMP, 29 September 2022 and sub-plans:
 - SCAW CTMP Paton’s Lane, 28 September 2022
 - SCAW CTMP Elizabeth Drive, 17 October 2022
 - SCAW CTMP Luddenham Road Gate 3, 28 September 2023
 - CTMP Lansdowne Road Gate 1, 13 October 2023
 - CTMP Luddenham Road Gates 4&5, 4 May 2023
 - CTMP Badgerys Creek Road Gate 9, 18 April 2023
- AEW FSM Construction Environmental Management Plan, 15 May 2023
- AEW FSM St Marys Detailed Noise and Vibration Impact Statement, 1 November 2022
- AEW FSM CTMP, 06 November 2023.

3.2 Non-compliances, Observations and Actions

This Section presents findings from this (fifth) Independent Audit. The summary of conditions assessed and compliance status from the fifth Independent Audit is presented in Table 5. The non-compliances and observations (along with associated recommended or completed actions) from the fifth audit period are presented in Table 6.

Detailed findings against each requirement, along with details on the auditee’s responses on draft findings (where received), are presented in Appendix A.

The status of previously open findings (at the time of completion of the fourth Independent Audit) is presented in Table 7.

Table 5: Summary of conditions assessed and compliance status from the fifth Independent Audit

Part of the Project Approval	No. of conditions assessed	Compliance status		
		Compliant	Non-compliant	Not triggered
Part A	47	35	1	11
Part B	11	11	0	0
Part C	22	21	0	1
Part D	8	0	0	8
Part E	134	105	1	28
Total	222	173	2	47

With respect to findings from the fifth Independent Audit:

- There were 222 conditions assessed.
- 173 conditions were considered to be compliant.
- Two (2) non-compliances were identified. These relate to queuing of trucks at Orchard Hills and submission of post-construction condition survey reports at St Marys.
- 47 conditions were considered not triggered.
- In addition to the above, 12 observations were identified. These relate to establishment of Minor Ancillary Facilities at St Marys, Project markings on spoil trucks, dewatering of construction water, surface water monitoring, preparation of the Tree Survey and Staging, obtaining a Site Audit Statement for a Remediation Action Plan, obtaining Section A Site Audit Statements following remediation, reuse of non-potable water, damage to Luddenham Road and management of surface water flows between interfacing construction sites.

With respect to the status of the 14 findings that were open at the time of completion of the fourth Independent Audit:

- Nine (9) previously open findings are considered by the Auditor to be closed.
- Four (4) findings are considered still open or only partially closed. These relate to the SBT Water Reuse Plan, updates to the Communication Interface Coordination Group, management of cumulative impacts and remediation works at Lot 97 at Orchard Hills.

Table 6: Findings from the fifth Independent Audit (February 2024)

Item	Ref	Type	Requirement	Finding	Recommended or completed action ⁵	By Whom	Status ⁶
10051_IA5_1	A2	Non-compliance	<i>The CSSI must only be carried out in accordance with all procedures, commitments, preventative actions, performance criteria and mitigation measures set out in the documents listed in Condition A1 unless otherwise specified in, or required under, this approval.</i>	Non-compliance: SBT reported a non-compliance against A2 for truck queuing on Lansdowne Road on 26/10/23. Initially the ER and Sydney Metro considered there to not be a breach on the basis that E109 does not prohibit queuing, but does require minimizing of queuing. However a non-compliance was raised by Sydney Metro against A2 on 04/12/23 following discussion with the Department, based on a contravention of the applicable CTMP.	<p>The non-compliance was reported in accordance with A44/A45 following a discussion with the Department.</p> <p>The geofencing in the real-time truck tracking program (Virtual Superintendent) was updated to reflect the updated SBT access arrangement (now that SSTOM and SCAW have taken control of Lansdowne Road), and therefore enabling the better management of truck arrivals and movements.</p> <p>The Auditor is not aware of any further action from Department on the matter, nor any recurrence of the issue.</p>	SBT (CPBG)	CLOSED
10051_IA5_2	A22	Observation	<p><i>Lunch sheds, office sheds, portable toilet facilities and the like, can be established and used where they have been assessed in the documents listed in Condition A1 or satisfy the following criteria:</i></p> <p><i>(a) are located within or adjacent to the Construction Boundary; and</i></p> <p><i>(b) have been assessed by the ER to have –</i></p> <p><i>(i) minimal amenity impacts to surrounding residences and businesses, after consideration of matters such as compliance with the ICNG, traffic and access impacts, dust and odour impacts, and visual (including light spill) impacts, and</i></p> <p><i>(ii) minimal environmental impact with respect to waste management and flooding, and</i></p> <p><i>(iii) no impacts on biodiversity, soil and water, and Heritage items beyond those already approved under other terms of this approval.</i></p>	<p>Observation: It is the Auditors view that FSM Minor Ancillary Facilities (MAF) 3 and 5 do not meet the definition of the MAF for two reasons.</p> <ul style="list-style-type: none"> MAFs 3 and 5 are within the existing T1 rail corridor and within a lot that adjoins the Construction Boundary, but are located 129m and 400m from the Construction Boundary respectively (not, in the Auditor's view to be 'adjacent' as required by A22(a)). The noise assessment associated with the MAFs predicted worst case noise impacts of up to 19dB(A) above the night time Rated Background Level (not, in the Auditor's view to be 'minimal amenity impact' after consideration of compliance with the ICNG as required by A22(b)(i)). <p>However, the Auditor acknowledges the following:</p> <ul style="list-style-type: none"> The MAF application identifies processes / mitigation measures that comply with the ICNG. Noise monitoring results provided by the auditee show worst case noise below the predicted worst case impacts. The Department approved the heavy vehicle access to the two MAFs (during track possessions) in accordance with E105; Sydney Trains are conducting works along the rail corridor during possessions in addition to the FSM works (Sydney Trains are beyond the scope of this audit); and there have been no complaints regarding FSM works during the audit period. 	<p>The Department appears to be aware of the Project's intended use of MAFs 3 and 5 (via review and approval of the heavy vehicle access under E105) and has not raised any issues in relation to the matter.</p> <p>No complaints have been received.</p>	FSM (Laing O'Rourke / Transport for NSW)	CLOSED

⁵ The recommended action does not preclude the need for all non-compliances to be reported by the proponent in accordance with A44/A45.

⁶ Status of finding and action according to the Auditor at the time of finalizing the Report.

Item	Ref	Type	Requirement	Finding	Recommended or completed action ⁵	By Whom	Status ⁶
10051_IA5_3	A46	Observation	<i>All Heavy Vehicles used for spoil haulage must be clearly marked on the sides and rear with the project name and application number to enable immediate identification by a person viewing the Heavy Vehicle standing 20 metres away</i>	<p>Observation: The ER noted in its Monthly Report for December 23 that some SBT spoil haulage trucks, reportedly from new haulage subcontractors, were observed to be missing Project markings consistent with A46. SBT was advised by the ER to review and refresh current Heavy Vehicle onboarding and management processes to ensure markings are fitted.</p> <p>This matter was not raised as a non-compliance by the ER or Project team at the time of the observation or in the ER Monthly Report. The Department was provided with the ER Monthly Report and have not, to the Auditor's knowledge, responded to the matter.</p> <p>The lack of Project markings on spoil haulage trucks was not raised again (or stated as being rectified) in the ER Monthly Report for January 24.</p>	<p>Further ER Monthly Reports (January and February 2024) have not identified additional spoil haulage trucks without appropriate signage.</p> <p>CPBG have notified new haulage contractors of requirements to have Project Identification on spoil haulage trucks.</p> <p>Checks of Project Identification on spoil haulage trucks is ongoing during routine inspections.</p>	SBT (CPBG)	CLOSED
10051_IA5_4	C10	Observation	<i>Construction must not commence until the CEMP and all CEMP Sub-plans have been approved by the Planning Secretary or endorsed by the ER (whichever is applicable), unless otherwise agreed by the Planning Secretary. The CEMP and CEMP Sub-plans, as approved by the Planning Secretary or endorsed by the ER (whichever is applicable), including any minor amendments approved by the ER, must be implemented for the duration of construction.</i>	<p>One departure from the SCAW Soil and Water Management Plan (SWMP) was identified during the audit period. On 06/11/23 a member of the CPBUI construction team was witnessed pumping construction water into a basin without a Permit to Discharge. The activity was immediately stopped. The pumped water was observed to be contained within the erosion sediment controls installed and was not observed by the SCAW team to have impacted any nearby waters.</p>	<p>The Project team and ER deemed the event as non-reportable under the Sydney Metro Environmental Incident Classification and Reporting Procedure and A41-A45. The Auditor agrees with this assessment.</p> <p>SCAW has issued reminders on the need for permits and developed an EWMS for the activity. There have been no incidents of this nature since then.</p>	SCAW (CPBUI) / Sydney Metro	CLOSED
10051_IA5_5	C14	Observation	<p><i>Each Construction Monitoring Program must provide:</i></p> <p><i>(a) details of baseline data available including the period of baseline monitoring;</i></p> <p><i>(b) details of baseline data to be obtained and when;</i></p> <p><i>(c) details of all monitoring of the project to be undertaken;</i></p> <p><i>(d) the parameters of the project to be monitored;</i></p> <p><i>(e) the frequency of monitoring to be undertaken;</i></p> <p><i>(f) the location of monitoring;</i></p> <p><i>(g) the reporting of monitoring results and analysis results against relevant criteria;</i></p> <p><i>(h) details of the methods that will be used to analyse the monitoring data;</i></p> <p><i>(i) procedures to identify and implement additional mitigation measures where the results of the monitoring indicated unacceptable project impacts;</i></p> <p><i>(j) a consideration of SMART principles;</i></p> <p><i>(k) any consultation to be undertaken in relation to the monitoring programs; and</i></p> <p><i>(l) any specific requirements as required by Conditions C15 to C16.</i></p>	<p>Observation: SBT (CPBG) advise that it is not intending on discharging treated water from the construction Water Treatment Plants (WTPs) to the environment due to treated water not meeting criteria (water is being discharged to tradewaste). The Auditor observes that the downstream monitoring location at Orchard Hills (EPL sample point 6) as shown in the Surface Water Monitoring Program is not downstream of any current discharges.</p>	<p>SBT (CPBG) has reviewed the monitoring location and have concluded that anywhere upstream of the current monitoring location is within an ephemeral drainage channel and is not able to be sampled on a regular basis. The South Creek, however, is a perennial stream and as such is a more reliable indicator of creek health.</p>	SBT (CPBG)	CLOSED

Item	Ref	Type	Requirement	Finding	Recommended or completed action ⁵	By Whom	Status ⁶
10051_IA5_6	E13	Observation	<p><i>Revegetation and the provision of replacement trees must be informed by a Tree Survey undertaken during detailed design. The Tree Survey must identify the number, type and location of any trees to be removed, except for trees that are offset under Condition E4. The Tree Survey must be submitted to the Planning Secretary for information with the Place, Urban Design and Corridor Landscape Plan required under Condition E79.</i></p> <p><i>Where trees are to be removed, the Proponent must provide a net increase in the number of replacement trees at a ratio of 2:1, except trees that are offset under Condition E4. Replacement trees must have a minimum pot size consistent with the relevant authority's plans / programs / strategies for vegetation management, street planting, or open space landscaping, or as agreed by the relevant authority(ies).</i></p>	<p>Observation: Tree Surveys have been completed by each contractor that has removed trees and each have been provided to Sydney Metro. The Auditor observes the following:</p> <ul style="list-style-type: none"> To the Auditor's knowledge, tree survey data has not yet been compiled into a single Tree Survey for the purposes of revegetation and provision of replacement trees. According to the Staging Report, this condition is applicable to SBT and SCAW (although revegetation does not form part of the scope of these packages). According to the Staging Report, this conditions is not applicable to FSM (although this package has removed 17 x planted/landscape trees during construction). According to the Staging Report, this conditions is not applicable to SSTOM (although revegetation does form part of its scope, and the auditees advise that the Tree Survey will be provided by SSTOM to the Department with the PUDCLP (Stage 2) submission). 	<p>Compile tree survey data into a single Tree Survey to enable accurate replacement of trees.</p> <p>Update Staging Report to accurately reflect the applicability of this condition across each package.</p>	Sydney Metro	OPEN
10051_IA5_7	Not used.						
10051_IA5_8	E85	Non-compliance	<p><i>Condition surveys of all items for which condition surveys were undertaken in accordance with Condition E84 must be undertaken by a suitably qualified and experienced person after completion of the work identified in Condition E84. The results of the surveys must be documented in a Post-construction Condition Survey Report for each item surveyed. Copies of Post-construction Condition Survey Reports must be provided to the landowners of the items surveyed, and no later than three (3) months following the completion of the work that could impact on the subject surface / subsurface structure.</i></p>	<p>Non-compliance: Note that the Auditor raised an observation in the fourth independent audit about the failure to complete and issue post-construction survey reports for TBI, St Mary's Lift and Stairs and Power. At the time of the fourth audit, only AEW Roads (Sydney Metro the owner of affected property) had a post construction survey report issued. Refer to finding 10051_IA4_18 for details.</p> <p>Sydney Metro subsequently reported this as a non-compliance.</p> <p>Preparation and submission of post-construction survey reports for St Mary's Lift and Stairs and Power packages was deemed not required by Sydney Metro as 'no buildings/ structures deemed to be at risk as a result of construction.'</p> <p>Post-construction survey reports for TBI were issued to all properties with the exception of 30-32 and 34 Queens Street (as records of post-construction surveys were not able to be retrieved). It is understood that 34 Queen Street verbally denied access when the TBI contractor requested to complete the post condition surveys.</p>	<p>Sydney Metro subsequently reported this as a non-compliance on 21/01/24.</p> <p>Post-construction survey reports that are missing for 30-32 Queens Street should be prepared and submitted to the landowners.</p> <p>34 Queen Street should be contacted again to request access. If access is denied, this should be formally recorded. If access is granted, then the post-construction survey should be completed and issued to the landowner.</p>	Sydney Metro	PARTIALLY CLOSED

Item	Ref	Type	Requirement	Finding	Recommended or completed action ⁵	By Whom	Status ⁶
10051_IA5_9	E94	Observation	<i>Before commencing remediation, a Section B Site Audit Statement(s) must be prepared by an NSW EPA-accredited Site Auditor that certifies that the Remedial Action Plan(s) is/are appropriate and that the site can be made suitable for the proposed use. The Remedial Action Plan(s) must be implemented and any changes to the Remedial Action Plan(s) must be approved in writing by the NSW EPA-accredited Site Auditor.</i>	<p>Observation: SCAW prepared a RAP for an encapsulation cell for receipt of ACM from other sites (referred to as PS105). The location itself did not attract a RAP for any reason other than it was to receive ACM (i.e.: the land was suitable for its intended use).</p> <p>The PS105 RAP was issued to the Contaminated Sites Auditor and Interim Audit Advice was received that the RAP was acceptable and able to be implemented. That being said works identified under the RAP, including placement of the marker layer and receipt of ACM material commenced prior to a Section B Site Audit Statement having been obtained.</p> <p>The Auditor acknowledges that Section B Site Audit Statements were in place for the contaminated sites subject to remediation via placement of ACM at PS105 (AEC 35, 36 and 43). The RAPs for AEC 35, 36 and 43 identified PS105 as the proposed encapsulation site for contaminated material, and therefore CPBUI considered the encapsulation activity at PS105 to have been considered and endorsed in the approved RAP's.</p>	A Section B Site Audit Statement has since been obtained (08/03/24) and issued via Teambinder to Sydney Metro.	SCAW (CPBUI)	CLOSED
10051_IA5_10	E96	Observation	<i>A Section A1 or Section A2 Site Audit Statement (accompanied by an Environmental Management Plan) and its accompanying Site Audit Report, which state that the contaminated land disturbed by the work has been made suitable for the intended land use, must be submitted to the Planning Secretary and the Relevant Council(s) after remediation and before the commencement of operation of the CSSI.</i>	<p>Observation: SBT's Aerotropolis and St Marys remediation works have been completed. A Validation Report, Site Audit Report and Section A1 Site Audit Statement was issued for Aerotropolis. According to SBT (CPBG), due to further management measures required associated with the groundwater contamination at St Marys, a Section A Site Audit Statement cannot be produced at this time, only a Section B.</p> <p>SBT have handed the St Marys site over to SSTOM for ongoing construction. Submission of documents relating to contamination are proposed to be submitted to the identified stakeholders prior to operations.</p>	Obtain Section A1 or A2 (A2 being that the site is suitable for its intended use subject to implementation of an environmental management plan) Site Audit Statements for St Marys remediation works prior to operations.	SBT (CPBG) / Sydney Metro	OPEN
10051_IA5_11	E101	Observation	<i>The Sustainability Plan must be submitted to the Planning Secretary for information within six (6) months of the date of this approval and must be implemented throughout construction and operation.</i>	<p>Observation: There is disagreement between Sydney Metro and SBT (CPBG) as to whether SBT will achieve the non-potable water reuse target of 33% as set out in the Sydney Metro Sustainability Plan. This is primarily a result of the high salinity groundwater recovered during construction not being able to be treated by the treatment process adopted by SBT.</p> <p>Both Sydney Metro and SBT are currently awaiting the results of the Infrastructure Sustainability Design Rating third party verification to determine what % is agreed upon (to resolve this Technical Manual interpretation issue/disagreement).</p> <p>Sydney Metro are of the view that 'the most significant portion of potable and non-potable water use for the WSA project as a whole is associated with the construction and operation of the SSTOM project. Hence Sydney Metro is of the view that the Project's overall 33% water reuse target is not currently at risk.'</p>	Review the current and future non-potable water treatment processes and reuse opportunities adopted by SBT and proposed by SSTOM to ensure they enable Sydney Metro WSA Project target reuse criteria of the of 33% to be achieved.	Sydney Metro	OPEN

Item	Ref	Type	Requirement	Finding	Recommended or completed action ⁵	By Whom	Status ⁶
				The Auditor has not sighted the breakdown of non-potable water generation/reuse volumes across each package, but notes that the intrinsic salinity of the local groundwater means that suitable treatment must be adopted to ensure that the Sydney Metro WSA Project target reuse criteria of the of 33% can be met.			
10051_IA5_12	E108	Observation	<p>If damage to roads occurs as a result of the construction of the CSSI, the Proponent must either (at the Relevant Road Authority's discretion):</p> <p>(a) compensate the Relevant Road Authority for the damage so caused; or</p> <p>(b) rectify the damage to restore the road to at least the condition it was in pre-work as identified in the Road Dilapidation Report.</p>	<p>Observation: According to the SCAW auditees, it was noted that Council had concerns over damage to Luddenham Road, and that after some time Council proceeded with rectification works.</p> <p>SCAW advised that it maintains a Luddenham Road Condition and Repair Register, detailing road degradation and works in the area / upcoming repair works. This information is communicated with Sydney Metro who manage the correspondence with Penrith City Council. Sydney Metro hold a fortnightly interface meeting between the Sydney Metro - Western Sydney Airport project management team and Penrith City Council. This forum allows for topic such as concerns over damage to Luddenham Road to be discussed.</p> <p>Sydney Metro advises that Penrith City Council have noted in their regular meetings that not all road damage is deemed attributable to Project works.</p> <p>Recently, the Sydney Metro Integration Team has commenced meetings (held 20/03/24) with the three main Project contractors to determine who should be responsible for various sections of the road they are using.</p> <p>Noting the above, it is not clear to the Auditor from the information sighted whether the damage to Luddenham Road has been caused (or exacerbated) by heavy vehicles from SCAW or other contractor, nor whether compensation from Sydney Metro WSA for damage to the road is warranted.</p>	<p>Further engage with Penrith City Council with the view to obtain written agreement on whether SCAW or any other Sydney Metro package is liable (in all or in part) for damage to Luddenham Road.</p> <p>Ensure rectification / compensation is completed in line with the aforementioned agreement.</p>	Sydney Metro	OPEN
10051_IA5_13	Not used						
10051_IA5_14	E128	Observation	<p>Before undertaking any work and during maintenance or construction activities, erosion and sediment controls must be implemented and maintained to prevent water pollution consistent with Managing Urban Stormwater: Soils and Construction Vol 1 4th ed. by Landcom, 2004 (The Blue Book).</p>	<p>Observation: There were a number of complaints received during the audit period regarding SBT tracking mud out of the Orchard Hills site and on to Kent Road. According to the auditees this was caused by spoil haulage involving up to 200 vehicle movements per day.</p>	<p>SBT have installed concrete haul road internal to the site, an automated wheel wash (operated in concert with manual truck washing), continued with street sweepers internal to site and on Kent Road, and have paid for haulage trucks to be cleaned at the spoil disposal facilities before returning to site.</p> <p>Complaints about this issue have declined and the ER has noted in its February 2024 Monthly Report that conditions have improved and focus continue to be applied to ensure controls are effective. Note that the ER will continue to provide surveillance on this</p>	SBT (CPBG)	CLOSED

Item	Ref	Type	Requirement	Finding	Recommended or completed action ⁵	By Whom	Status ⁶
					issue outside of this audit process, and on this basis the Auditor considers the matter closed.		
10051_IA5_15	E128	Observation	<i>Before undertaking any work and during maintenance or construction activities, erosion and sediment controls must be implemented and maintained to prevent water pollution consistent with Managing Urban Stormwater: Soils and Construction Vol 1 4th ed. by Landcom, 2004 (The Blue Book).</i>	Observation: Approximately 40mm of rain fell on the day of the audit site inspection. During the inspection construction water was observed to be flowing from the SSTOM Orchard Hills site north to the SBT portion of the site and south to the SCAW site. In both cases, SBT and SCAW were collecting and managing the water via the water treatment plant and erosion and sediment controls respectively, before leaving the Project boundary. No off site impacts were observed.	SSTOM is outside the scope of this Independent Audit. However, it is recommended that improved surface water controls are applied on SSTOM portion of the Orchard Hills site to reduce the burden on the controls on SBT and SCAW. It is understood that SSTOM raised a non-compliance in relation to this matter (although this was not sighted by the Auditor). Coordination between SSTOM, SBT and SCAW to continue to ensure that controls across the catchments remain adequate in dealing with the cumulative surface water flows.	SBT (CPBG) and SCAW (CPBUI)	OPEN
10051_IA5_16	E128	Observation	<i>Before undertaking any work and during maintenance or construction activities, erosion and sediment controls must be implemented and maintained to prevent water pollution consistent with Managing Urban Stormwater: Soils and Construction Vol 1 4th ed. by Landcom, 2004 (The Blue Book).</i>	Observation: Approximately 40mm of rain fell on the day of the audit site inspection. During the inspection a significant amount of construction water was observed to be flowing from the M12 site onto the SCAW site at Elizabeth Drive. SCAW's erosion and sediment controls at this location are substantial and appear to provide more than enough protection for the SCAW catchment. However, at the time of the audit site inspection, the M12 catchment size (and volumes of water to be managed) was not known by the SCAW team. Therefore, there is no guarantee that the SCAW controls are adequate in dealing with the cumulative surface water flows from both sites.	M12 is outside the scope of this Independent Audit. However, it is recommended that SCAW and M12 coordinate to verify whether SCAW's controls are adequate in dealing with the cumulative surface water flows and, if not, upgrade both M12 and SCAW controls to make them adequate. The auditees advise that as of 22/03/24, a resolution has been reached whereby M12 water will be facilitated through SCAW via a clean water diversion to allow works to be staged in the interface area whilst maintaining Blue Book and E128 compliance. The review and endorsement of an updated Erosion and Sediment Control Plan is underway and expected to be completed in April 2024.	SCAW (CPBUI)	OPEN

Table 7: Status of findings that were open at the time of finalising the fourth Independent Audit (August 2023)

Item	Ref	Type	Requirement	Finding	Recommended or completed action	By Whom and by When	Status ⁷
10051_IA3_10	C10	Observation	<p>Construction must not commence until the CEMP and all CEMP Sub-plans have been approved by the Planning Secretary or endorsed by the ER (whichever is applicable), unless otherwise agreed by the Planning Secretary. The CEMP and CEMP Sub-plans, as approved by the Planning Secretary or endorsed by the ER (whichever is applicable), including any minor amendments approved by the ER, must be implemented for the duration of construction.</p>	<p>Observation: The Auditor observes that both the SBT and SCAW CEMPs require an audit to be conducted by Sydney Metro to verify compliance with CEMP, environmental aspects of contract documentation and the CEMF. The timing requirement for this commitment is 'periodic'. Sydney Metro has yet to conduct such an audit on either contractor, despite SBT having been in construction since April 2022 and SCAW being in construction since October 2022.</p>	<p>Sydney Metro to commence periodic audits on contractor CEMPs (in accordance with Table 19 of the SBT CEMP and Table 17 of the SCAW CEMP) to verify compliance with CEMP, environmental aspects of contract documentation and the CEMF.</p>	<p>Sydney Metro Prior to next Independent Audit</p>	<p>CLOSED Internal audits have been completed by the packages and Sydney Metro either participated in or reviewed the audit reports.</p>
10051_IA3_24	E102	Observation	<p>A Water Reuse Strategy must be prepared, which sets out options for the reuse of collected stormwater and groundwater during construction and operation. The Water Reuse Strategy must include, but not be limited to:</p> <p>(a) evaluation of reuse options;</p> <p>(b) details of the preferred reuse option(s), including volumes of water to be reused, proposed reuse locations and/or activities, proposed treatment (if required), and any additional licences or approvals that may be required;</p> <p>(c) measures to avoid misuse of recycled water as potable water;</p> <p>(d) consideration of the public health risks from water recycling; and</p> <p>(e) time frame for the implementation of the preferred reuse option(s).</p> <p>The Water Reuse Strategy must be prepared based on best practice and advice sought from relevant agencies, as required. The Strategy must be applied during construction.</p> <p>Justification must be provided to the Planning Secretary if it is concluded that no reuse options prevail.</p> <p>A copy of the Water Reuse Strategy must be made publicly available.</p> <p>Note: Nothing in this condition prevents the Proponent from preparing separate Water Reuse Strategies for the construction and operational stages of the CSSI.</p>	<p>Observation: SBTs preparatory construction commenced in April 2022, and main construction commenced in November 2022. The Water Reuse Strategy was finalised in July 2022 and, whilst there is no timing on the installation of rainwater harvesting, SBT had still not installed rain water harvesting on site sheds (due to changing configurations of crib shed layouts). Therefore, this element of the Water Reuse Strategy was considered not to have been implemented.</p> <p>The Auditor also observes the barrier for reuse of groundwater in tunnelling process and surface construction due to the high salinity present. SBT continue to investigate reuse options.</p>	<p>SBT (CPBG) to install rainwater harvesting on the 'permanent' office arrangement as stated by SBT in their response to this finding.</p> <p>SBT (CPBG) to continue to investigate on reuse options of treated saline groundwater, and update the Water Reuse Strategy with the outcome of the investigations. Where reuse is viable, implement the reuse options.</p>	<p>SBT (CPBG) Install rainwater harvesting once procurement complete. Prior to discharge of groundwater from construction Water Treatment Plant, update the Water Reuse Strategy with the outcome of the investigations. Where reuse is viable, implement the reuse options.</p>	<p>OPEN SBT advised that the fifth Independent Audit that there is now no intention to implement rainwater harvesting on site sheds. The Auditor understands that SBTs investigations have determined that that salinity of groundwater and selected treatment option means that groundwater reuse in tunnelling is not feasible and will not be implemented. The Auditor considers this portion of the finding to be closed. Refer to the finding in E101 (10051_IA5_11) regarding this matter in the context of water reuse as per the Sustainability Plan requirements. In light of the above, it is recommended that the SBT Water Reuse Strategy be updated to reflect the intended/adopted water reuse approaches. SBT provided evidence showing that the update is underway to address these matters and will be finalised following completion of the IS Design Rating review.</p>

⁷ Status of finding and action according to the Auditor at the time of finalizing the Report.

Item	Ref	Type	Requirement	Finding	Recommended or completed action	By Whom and by When	Status ⁷
10051_IA4_4	B1	Observation	<i>The Overarching Community Communication Strategy as provided in the documents listed in Condition A1, or updated Strategy must be implemented for the duration of the work. Should the Overarching Community Communication Strategy be updated, a copy must be provided to the Planning Secretary for information.</i>	<p>Observation: SCAW appears, by and large, to have implemented the Community Communications Strategy. However, the Northern Region and Southern Region strategies identify that SCAW would conduct site visit / open days on a 6-monthly basis. This has not occurred.</p> <p>Sydney Metro and CPBUI noted that an open day was held at Twins Creek on 20 May 2023. The Auditor acknowledges this off site community event but is of the view that this does not constitute a site visit / open day as referred to by the Northern Region and Southern Region strategies.</p>	Complete a site visit / open day as required by the strategies.	Sydney Metro / SCAW (CPBUI) 31/12/23	CLOSED Open days were held on 4-5/11/23.
10051_IA4_5	B1	Observation	<i>The Overarching Community Communication Strategy as provided in the documents listed in Condition A1, or updated Strategy must be implemented for the duration of the work. Should the Overarching Community Communication Strategy be updated, a copy must be provided to the Planning Secretary for information.</i>	<p>Observation: The Overarching Community Communication Strategy (OCCS) identifies that the Communication Interface Coordination Group (CICG) members would include communications representatives from 'interfacing projects with project sites shared or adjacent to Sydney Metro.'</p> <p>The minutes for the CICG meetings between February and July 2023 indicate that attendees include relevant Sydney Metro packages, TfNSW, M12, WSA Co and Sydney Water. There do not appear to be any members from:</p> <ul style="list-style-type: none"> the Gipps Street Recreation Precinct (directly south of the SBT Claremont Meadows site). Council, electricity or gas network operators (noting, however, that being said, the Auditor is not aware of these stakeholders having any active projects/sites proximal to the area). <p>It is understood that Sydney Metro has set up a recurring monthly meeting between the Environmental Leads across SBT, SCAW, SSTOM and AEW to offer the opportunity to raise and discuss any issues. The Auditor notes that this does not appear to involve representatives from projects beyond Sydney Metro WSA and therefore does not directly address this finding.</p> <p>Sydney Metro also advise that the Gipps Street Recreation Precinct is being delivered by Penrith City Council. Council and SBT co-ordinate with each directly with one another on construction matters. It is the Auditor's view that this interface qualifies the project for inclusion in CICG and that potential cumulative impacts would be best managed in that forum (instead of directly between Council and SBT).</p> <p>As works and projects continue to roll out across the alignment as part of the activation of land around the new airport, the Auditor also considers there to be value in increasing the scope of the CICG to include representatives from projects that could give rise to</p>	Conduct a review of projects proximal to Sydney Metro WSA and invite representatives of projects / sites that could give rise to cumulative impacts to the CICG.	Sydney Metro 31/10/23	PARTIALLY CLOSED An update on Gipps Street Recreation Precinct (directly south of the SBT Claremont Meadows site) has been incorporated into the update from the SBT contractor for February North CICG. Sydney Metro continue to engage with Penrith City Council on providing updates to CICG on relevant Penrith City Council led interface. The Auditor is not aware of any formal request to / or agreement from Penrith City Council to become a member of the CICG.

Item	Ref	Type	Requirement	Finding	Recommended or completed action	By Whom and by When	Status ⁷
				cumulative impacts (rather than only those with project sites shared or adjacent to Sydney Metro).			
10051_IA4_7	C10	Observation	<i>Construction must not commence until the CEMP and all CEMP Sub-plans have been approved by the Planning Secretary or endorsed by the ER (whichever is applicable), unless otherwise agreed by the Planning Secretary. The CEMP and CEMP Sub-plans, as approved by the Planning Secretary or endorsed by the ER (whichever is applicable), including any minor amendments approved by the ER, must be implemented for the duration of construction.</i>	<p>Observation: Two minor departures from the SCAW Soil and Water Management Plan (SWMP) were identified during the audit period.</p> <p>On 17/05/23 a member of the CPBUI construction team was witnessed pumping approximately 3m³ of construction water into an offline section of Blaxland's Creek without a Permit to Discharge. The activity was immediately stopped. The pumped water was observed to be contained within the erosion sediment controls installed as part of the Blaxland Creek crossing works and was not observed by the SCAW team or the ER to have impacted any nearby waters. The Project team and ER deemed the event as non-reportable under the Sydney Metro Environmental Incident Classification and Reporting Procedure and A41-A45.</p> <p>SCAW has updated its dewatering / discharge permit process from that set out in the SWMP, whereby there is a separate permit process for dewatering for use on site to that for discharge off site. This new process has been adopted since May 23. SCAW (CPBUI) advise that the SWMP and appendices have been updated to reflect the identified change and the update is currently with the ER for review.</p>	Update the SCAW SWMP dewatering / discharge permit process.	SCAW (CPBUI) 31/10/23	CLOSED The SWMP dewatering / discharge permit process has been updated. Refer to finding 10051_IA5_4 in Table 6 of this Report regarding adherence with the process during the current audit period.
10051_IA4_8	C10	Observation	<i>Construction must not commence until the CEMP and all CEMP Sub-plans have been approved by the Planning Secretary or endorsed by the ER (whichever is applicable), unless otherwise agreed by the Planning Secretary. The CEMP and CEMP Sub-plans, as approved by the Planning Secretary or endorsed by the ER (whichever is applicable), including any minor amendments approved by the ER, must be implemented for the duration of construction.</i>	<p>Observation: Evidence indicates that clearing on SCAW has followed the procedure from the Flora and Fauna Management Plan (FFMP), however there is a delay (in some cases of up to 3 month delay) between completion of clearing and having the ecologist sign-off on the post clearing report (verifying that they agree with SCAWs assessment that clearing occurred as per the permit and procedure). No time frame is specified in the FFMP for the ecologist's sign-off on the post clearing report.</p>	<p>SCAW (CPBUI) state that clearing permits (1-33) have been reviewed and signed off by the Project Ecologist as of 07/09/23.</p> <p>It is recommended that CPBUI update the FFMP to include a timeframe for the ecologist to sign off on the post clearing report, and ensure future sign-offs from the ecologist meet the required timeframe.</p>	SCAW (CPBUI) 31/10/23	CLOSED The FFMP pre-clearing and grubbing permit has been updated to state that the post-clearing permits will be completed at the time of completion of clearing. No issues observed during the current audit period.
10051_IA4_13	C22	Non-compliance	<p><i>The results of the Construction Monitoring Programs must be submitted to the Planning Secretary, ER and relevant regulatory agencies, for information in the form of a Construction Monitoring Report at the frequency identified in the relevant Construction Monitoring Program.</i></p> <p><i>Note: Where a relevant CEMP Sub-plan exists, the relevant Construction Monitoring Program may be incorporated into that CEMP Sub-plan.</i></p>	<p>Non-compliance: Section 5.5 of the SCAW Surface Water Monitoring Program commits to the provision of a Monitoring Report within 30 days of the reporting period. The SCAW Monitoring Report covering the reporting period of October 22 to April 23 was still under review at the time of the audit interviews and had not been issued as final.</p>	<p>In consultation with Sydney Metro and the ER, a non-compliance with C22 has been raised by SCAW (CPBUI) to address this finding. The non-compliance report was issued to Sydney Metro on 29/08/23.</p> <p>It is recommended that the Monitoring Programs be updated to clearly specify when the Monitoring Reports will be submitted to the identified stakeholders and that future Monitoring Reports are submitted in accordance with the nominated timeframe.</p>	SCAW (CPBUI) 31/10/23	CLOSED The SWMP has been updated to specify when the Monitoring Reports will be submitted to the identified stakeholders. No issues observed for the current audit period.

Item	Ref	Type	Requirement	Finding	Recommended or completed action	By Whom and by When	Status ⁷
10051_IA4_15	E47	Observation	<p><i>Detailed Noise and Vibration Impact Statements (DNVIS) must be prepared for any work that may exceed the NMLs, vibration criteria and / or ground-borne noise levels specified in Conditions E43 and E44 at any residence outside construction hours identified in Condition E38, or where receivers will be highly noise affected or subject to vibration levels above those otherwise determined as appropriate by a suitably qualified structural engineer under Condition E87. The DNVIS must include specific mitigation measures identified through consultation with affected sensitive land user(s) and the mitigation measures must be implemented for the duration of the works. A copy of the DNVIS must be provided to the ER before the commencement of the associated works. The Planning Secretary and the EPA may request a copy (ies) of the DNVIS.</i></p>	<p>Observation: Consultation has been undertaken in the preparation of the SBT, SCAW and AEW FSM DNVISs prepared during the audit period through the construction notifications, which include a statement advising receivers of the existence of a DNVIS (or mitigation measures generally) and inviting feedback. To the Auditor's knowledge no specific feedback has been received.</p> <p>The Auditor observes that no consultation has been conducted on the preparation of the DNVISs for AEW SPO, AEW Water.</p> <p>Sydney Metro state that 'No works have been conducted on AEW SPO that trigger the requirements of CoA E47, necessitating a DNVIS to be prepared for the Stage'. The Auditor draws attention to Section 7.2 of the AEW SPO DNVIS which predicts marginal exceedances of the NMLs, therefore triggering the need for a DNVIS (and, therefore, the need to undertake consultation to identify specific mitigation measures). That being said AEW SPO is surrounded by industrial receivers, with the rail line and SBT separating the site from the nearest residential receiver. As such it's reasonable to assume that construction works associated with SBT at St Marys (and non-Project noise sources such as road and rail traffic) would be the primary source of noise impacts on the nearest residential receiver, negating the need for specific consultation by AEW SPO.</p> <p>AEW Water has yet to undertake works that have triggered the criteria referred to in this condition and the package has confirmed that NMLs have been complied with. AEW Water have also stated that that community consultation will be undertaken prior to the triggering events occurring and where specific mitigation measures are agreed between Sydney Metro and sensitive receivers, the measures will be included in this DNVIS through the revision and continuous improvement process as described in Section 9 of the AEW Water Noise and Vibration CEMP Sub-plan. Future community notifications will also include specific references to the mitigation measures in the DNVIS and invite residents and the community to provide comments.</p>	<p>Complete consultation on noise mitigation measures for the AEW Water works and (where responses are received), include the measures in the DNVIS.</p>	<p>Quickway / Sydney Metro</p> <p>Prior to works commencing that are predicted to exceed the applicable NMLs.</p>	<p>CLOSED</p> <p>Community notifications for the Project includes reference to the existence of a DNVIS and welcomes input into the document. To the Auditor's knowledge no feedback was provided in relation to the works and the works are now complete.</p>
10051_IA4_16	E56	Observation	<p><i>All work undertaken for the delivery of the CSSI, including those undertaken by third parties (such as utility relocations), must be coordinated to ensure respite periods are provided. The Proponent must:</i></p> <p><i>(a) reschedule any work to provide respite to impacted noise sensitive land use(s) so that the respite is achieved in accordance with Condition E57; or</i></p>	<p>Observation: The Auditor has not identified any instances whereby respite periods are not being provided and consideration of cumulative impacts is included in Sydney Metros' CIGG forums, Metro/M12 and WSA Co working group and within internal environmental team meetings. However:</p> <ul style="list-style-type: none"> As noted in B1, the minutes for the CIGG meetings between February and July 2023 indicate that attendees include relevant Sydney Metro packages, TfNSW, M12, WSA 	<p>It is recommended that the CIGG agenda be updated to include a monthly review of all member's forward looking plan of OOHV to confirm the potential for consecutive impacts. The Auditor understands that Sydney Metro have commenced this action.</p> <p>Introduce a process by which DNVISs and other noise and vibration</p>	<p>Sydney Metro</p> <p>31/01/24</p>	<p>PARTIALLY CLOSED</p> <p>Refer to finding 10051_IA4_5 in this table regarding an update to the CIGG membership and the Gipps Street Recreation Precinct and Penrith City Council. To the Auditor's knowledge no electricity or gas network operators are currently undertaking major projects in the area. The Auditor considers this</p>

Item	Ref	Type	Requirement	Finding	Recommended or completed action	By Whom and by When	Status ⁷
			<p>(b) consider the provision of alternative respite or mitigation to impacted noise sensitive land use(s); and</p> <p>(c) provide documentary evidence to the ER in support of any decision made by the Proponent in relation to respite or mitigation</p> <p>The consideration of respite must also include all other approved Critical SSI, SSI and SSD projects which may cause cumulative and / or consecutive impacts at receivers affected by the delivery of the CSSI.</p>	<p>and Sydney Water. There do not appear to be any members from the developer of the Project directly south of the Claremont Meadows site, Council, electricity or gas network operators. In making this observation the Auditor acknowledges that these stakeholders may not be delivering SSI and SSD projects, but may contribute to cumulative impacts nonetheless. Refer to the finding in B1 regarding the Auditor's view on engagement with Council on the Gipps Street Recreation Precinct.</p> <ul style="list-style-type: none"> The CIGG presentations from February to July 2023 indicate that a review of the OOHW schedule being conducted across all Sydney Metro WSA packages has been presented only once in the last 6 months (in April 2023). A schedule of OOHW from third parties such as TfNSW, M12, WSA and Sydney Water does not appear to have been presented at any time in the audit period. There does not appear to be any documented interrogation of the potential for consecutive impacts from OOHW. The Sydney Metro fortnightly Compliance Working Group / Environment Team meetings and the Metro/M12 and WSA Co working group appear to discuss OOHW, but it is not clear whether this involves a proper review of all scheduled OOHW across the precincts. Again, there does not appear to be any documented interrogation of the potential for consecutive impacts from OOHW. <p>The DNVISs prepared for the Project reference the potential for cumulative impacts, but do not appear to say with any certainty whether impacts from other projects (including construction and combined road traffic noise) have been included in the modelling. Therefore, it is unclear if the potential cumulative impacts have been fully assessed.</p>	<p>assessments include activities / impacts of third parties (or include a justification as to why inclusion of this information is not required).</p>		<p>portion of the recommended action to be closed (instead tracked through finding 10051_IA4_5).</p> <p>Sydney Metro holds a monthly cumulative impacts contractor meeting held with metro and contractors. This helps ensure coordination and respite NOTE: This does not include third parties (e.g.: John Holland / Sydney Water, WSA, M12). Nevertheless, the Auditor considers this portion of the recommended action to be closed.</p> <p>Sydney Metro has developed a tool to collate and coordinate OOHW across its Project and other Projects that contribute to the CIGG (TfNSW, M12, WSA and Sydney Water). This is to be used as means to ensure respite is achieved. The OOHW tool is anticipated to be implemented from March 2024 and this will be assessed at the next Independent Audit.</p> <p>A review of current DNVISs indicates that Sydney Metro has not introduced a process by DNVISs and other noise and vibration assessments include activities / impacts of third parties (or include a justification as to why inclusion of this information is not required). The Auditor considers this finding to remain open.</p>
10051_IA4_18	E85	Observation	<p>Condition surveys of all items for which condition surveys were undertaken in accordance with Condition E84 must be undertaken by a suitably qualified and experienced person after completion of the work identified in Condition E84. The results of the surveys must be documented in a Post-construction Condition Survey Report for each item surveyed. Copies of Post-construction Condition Survey Reports must be provided to the landowners of the items surveyed, and no later than three (3) months following the completion of the work that could</p>	<p>Observation: Evidence indicates that post-construction survey reports have not been issued to relevant landowners for AEW TBI, AEW St Marys Lift and Stairs and AEW Power. Post construction survey report was issued for AEW Roads (Sydney Metro the owner of affected property).</p> <p>Sydney Metro states that 'It is Sydney Metros stance that condition surveys required under condition E84 and E85 are not required for the AEW packages of works (TBI, Power, St Marys Lift shaft and stairs relocation etc) due to their low risk of damage to subsurface/surface structures. MCoA E88 indicates that condition surveys (required in E84 and E85) are predominantly required</p>	<p>Complete post-construction surveys on all items for which condition surveys were undertaken in accordance with E84, and that the reports must be submitted within 3 months of completion of activities that could impact on those items. It is understood that Sydney Metro have commenced this action.</p>	<p>Sydney Metro</p> <p>Within 3 months of completion of activities that could impact on those items that were surveyed under E84.</p>	<p>CLOSED</p> <p>Sydney Metro reported this as a non-compliance during the fifth audit period. Some post-construction survey reports could not be recovered. Refer to finding 10051_IA5_8 in Table 6 of this report.</p>

Item	Ref	Type	Requirement	Finding	Recommended or completed action	By Whom and by When	Status ⁷
			<i>impact on the subject surface / subsurface structure.</i>	<p>prior to tunnelling activities commencing and as Tunnelling. This is supported within the Assessment report (pg 82)'.</p> <p>The Auditor disagrees with this assessment. Pre-construction surveys have been completed for all surrounding properties and infrastructure that would be potentially impacted regardless of their being relevance to tunnelling. E85 states that post-construction surveys must be completed and issued for all items that were subject to pre-construction surveys under E84. Neither E84 nor E85 refer to E88.</p> <p>Further, at the third Independent Audit it was noted that the AEW TBI post-construction survey report was prepared in May 2022, and Sydney Metro stated (during the third audit) that <i>'Ward Civil have confirmed that works have not yet been completed as defect works are ongoing. Once the defect works have been completed, Post condition surveys will be provided to the landowners (landowners listed in DNVIS).'</i> The Auditor also understands that a post-construction survey was completed for AEW Roads and a report was issued to Sydney Metro.</p> <p>Notwithstanding the above, the Auditor acknowledges that impacts on properties and infrastructure proximal to the completed AEW packages may still be impacted by SBT, SCAW, SSTOM or active AEW packages, therefore this requirement could be considered not triggered. The Auditor is of the view, however, that to comply with this condition post-construction surveys must be completed on all items for which condition surveys were undertaken in accordance with E84, and that the reports must be submitted within 3 months of completion of activities that could impact on those items.</p>			
10051_IA4_19	E88	Observation	<i>An IPIAP must be established prior to tunnelling activities commencing. The Planning Secretary must be informed of the members of the IPIAP and must comprise geotechnical and engineering experts independent of the design and construction team. The IPIAP will be responsible for independently verifying condition surveys undertaken under Conditions E84 and E85, the resolution of property damage disputes and the establishment of ongoing settlement monitoring requirements.</i>	<p>Observation: The IPIAP has reviewed a sample of pre-construction condition survey reports and has identified several deficiencies in the report (i.e.: demonstration of the surveyor being suitably qualified and experienced and that detail on crack dimensions, adding more detail on wear and tear in properties). SBT are currently working through the comments to determine if the reports need to be amended or not, noting that deficiencies may result in SBT being held liable for repairs. Tunnelling commenced on 20/07/23 and there have been no disputes to date.</p> <p>In addition, the IPIAP has not yet been provided with the settlement monitoring program for review. The Auditor observes that at the time of the audit site inspection, the TBM had not progressed beyond the Project compound footprint and therefore the risk of impact to third party property had not commenced. SBT (CPBG) advise that the IPIAP have stated they 'do not expect to approve or endorse the settlement monitoring program. They only</p>	<p>Obtain agreement from the IPIAP on the actions required to resolve the deficiencies of the pre-construction survey reports.</p> <p>Provide the IPIAP with the settlement monitoring program for review and verification.</p>	<p>SBT (CPBG) and the IPIAP</p> <p>Prior to tunnelling proceeding to an area where settlement risk on third party property could be realised.</p>	<p>CLOSED</p> <p>The IPIAP stated that it does not verify the settlement monitoring requirements, only that it verifies that one has been established (of which it has).</p> <p>SBT responded to IPIAPs comments on the pre-construction survey reports by providing additional information (seemingly resolving some of the IPIAPs concerns about surveyor qualifications and additional detail on wear and tear).</p> <p>According to an email provided by Sydney Metro to SBT (CPBG) on 26/03/24, the IPIAP has no further comments on the surveyor</p>

Item	Ref	Type	Requirement	Finding	Recommended or completed action	By Whom and by When	Status ⁷
				want to see the monitoring results at the regular monthly IPIAP meetings.' The Auditor notes that E88 requires that the 'IPIAP will be responsible for independently verifying the establishment of ongoing settlement monitoring requirements.' Therefore the Auditor is of the view that the IPIAP must verify the requirements from the settlement monitoring program.			qualifications or the condition survey reports.
10051_IA4_20	E99	Observation	<i>The Unexpected Contaminated Land and Asbestos Finds Procedure must be implemented throughout construction.</i>	<p>Observation: Suspected asbestos containing material was identified at Orchard Hills (Lot 97) during the audit site inspection. SBT were in the process of preparing this portion of the site for handover to SSTOM. It is unclear whether the material was or was not asbestos, whether the unexpected finds procedure was enacted, nor whether this portion of the site had been subject to assessment and clearance.</p> <p>SBT and Sydney Metro advised that the DSI for this area is currently with the Contaminated Site Auditor to endorse. The draft DSI Report recommends that a RAP is not required due to the minor quantity of asbestos found, and that the Contaminated Site Auditor has provisionally agreed with this. When the DSI has been endorsed by the site auditor, Sydney Metro will instruct the next contractor (delivering SSTOM) to carry out the DSI recommendation.</p> <p>The Auditor acknowledges the information provided by SBT and Sydney Metro but this does not preclude the need to enact the Unexpected Contaminated Land and Asbestos Finds Procedure where potential asbestos containing materials are encountered. At the time of writing the Report, the area had been cordoned off but not yet cleared.</p>	Clear asbestos from Lot 97 in accordance with the DSI.	Sydney Metro (SSTOM) Prior to commencing construction that is not subject to asbestos controls.	OPEN On 30/11/23 Sydney Metro directed SBT to remediate Lot 97. SBT advise that remediation has commenced and validation is expected to be completed in March 2024 with a Site Audit Report / Site Audit Statement issued thereafter.
10051_IA4_21	E101	Observation	<p><i>The Sustainability Plan must be submitted to the Planning Secretary for information within six (6) months of the date of this approval and must be implemented throughout construction and operation.</i></p> <p><i>Note: Nothing in this condition prevents the Proponent from preparing separate Sustainability Strategies for the construction and operational stages of the CSSI.</i></p>	<p>Observation: The AEW SPO Sustainability Dashboard does not appear to be tracking electricity, diesel, petrol or office waste. Built advise:</p> <ul style="list-style-type: none"> Construction electricity consumption is managed through an existing TfNSW connection. Electricity during SPO operations will be managed by Sydney Metro through the agreement with Origin and metering and sub-metering major uses in the building. Built do not have separate waste tracking for office bins, all data is collected under the site waste reports. No Petrol operated plant/equipment used onsite. <p>Diesel usage tracked in a separate tracker (Ref: 10051_IA4_21 Dashboard Snapshot Markup)</p>	Data has been updated by Built. It is recommended that Built confirm with Sydney Metro that the data collection and reporting methods meet their requirements. Where deficiencies are identified, Built should update is records to meet Sydney Metro's requirements.	SPO (Built) 31/10/23	CLOSED The Auditor is not aware of Sydney Metro raising this further. SPO works were completed in late 2023.

Item	Ref	Type	Requirement	Finding	Recommended or completed action	By Whom and by When	Status ⁷
10051_IA4_24	E128	Observation	<p><i>Before undertaking any work and during maintenance or construction activities, erosion and sediment controls must be implemented and maintained to prevent water pollution consistent with Managing Urban Stormwater: Soils and Construction Vol 1 4th ed. by Landcom, 2004 (The Blue Book).</i></p>	<p>Observation: There appears to be instances whereby SBT have not implemented sufficient soil and water controls during the audit period.</p> <p>The EPA issued one prevention notice and two show cause notices to SBT during the audit period due to issues associated with construction water leaving the site and entering nearby waters. SBT responded to the letters outlining the actions taken and its position on compliance with the terms of the EPL. On 25/08/23 the EPA advised that it would not take any further action and acknowledged the steps taken to address the matters raised.</p> <p>In addition to the above, the Department issued a direction concerning adequacy of erosion and sediment control measures on site. SBT appear to have engaged the independent CPESC to report on progress of rectification works and submitted this information to the Department and posted the information on the Sydney Metro website in accordance with the direction.</p> <p>The Auditor has reviewed the ER Inspection Reports and the regulatory notices and is of the view that many of these issues stem from deficiencies in site management identified during the third audit period (which then extended into this fourth period). A non-compliance was assigned against SBT on this condition as part of the third Independent Audit and the Auditor is of the view that another non-compliance is not warranted due to the improvements implemented during the audit period (as reported by SBT to the EPA and DPHI).</p> <p>It is observed during the fourth audit site inspection that significant improvements to soil and water controls had been implemented since the third Independent Audit, with only minor opportunities for improvement associated with making sure site controls align with the erosion and sediment control plans.</p>	<p>Continue to focus on implementing controls to prevent water pollution until sites are stabilised.</p>	<p>SBT (CPBG)</p> <p>Until sites are stabilised</p>	<p>CLOSED</p> <p>The Department confirmed on 10/10/23 that all actions required by SBT had been addressed and that the Department considered the matter closed. SBT provided responses to the EPA in March and August 2023. The EPA closed notice 3505337. The auditees have not received any further feedback on notice 3506113.</p> <p>Refer to Table 6 regarding findings in relation to E128 for the current audit period.</p>

3.3 Adequacy of Environmental Management Plans, sub-plans and post approval documents

As part the Independent Audit, the Auditor reviewed the documents listed in Section 3.1 of this Report. The Auditor assessed whether the documents have been developed in accordance with the conditions and their content is adequate; and whether they have been properly implemented.

Environmental documents

As with the fourth Independent Audit, the Auditor is of the view that the CEMP, Sub-plans and monitoring programs prepared for the SCAW and SBT scope of works (prepared prior to the current audit period) are of a high quality. The FSM CEMP is also of a high quality and fit for purpose. Each of the aforementioned documents were prepared in consultation with the stakeholders identified in conditions C5, C13, and have undergone review by the necessary parties (Sydney Metro, the ER and, where relevant, the Department). Endorsements from the ER and approvals from the Department (where required as per the Staging Report) have been granted prior to the relevant works commencing. The endorsements and approvals have confirmed that the relevant requirements from the Approval and the EIS and RtS have been incorporated.

As the development of the CEMPs, Sub-plans and Monitoring Programs were all completed prior to the current audit period, evidence sighted demonstrating that consultation, endorsement and approval has been adequately completed is presented in the third and fourth Audit Reports. The Auditor has not identified any material deficiencies with the documents and is of the view that their implementation would not result in a non-compliance.

The Auditor draws attention to the following findings (presented in Table 6 of this Report) with respect to implementation of environmental documents:

- 10051_IA5_4: A dewatering event during the audit period was found to be a departure from the SCAW SWMP, but did not result in any off site discharges / impacts.
- 10051_IA5_5: The SBT Surface Water Monitoring program should be reviewed (and potentially revised) should SBT not intend to discharge water from the construction WTPs.
- 10051_IA5_11: Sydney Metro should review the current and future non-potable water treatment processes and reuse opportunities adopted by SBT and proposed by SSTOM to ensure they enable Sydney Metro WSA Project non-potable water reuse target (from the Sustainability Plan) of 33% to be achieved.
- 10051_IA5_15: It is recommended that SSTOM, SBT and SCAW coordinate to ensure that erosion and sediment controls across the Orchard Hills catchments remain adequate in dealing with the cumulative surface water flows. This may require updates to the relevant erosion and sediment control plans.
- 10051_IA5_16: It is recommended that SCAW and M12 coordinate to verify whether SCAWs controls are adequate in dealing with the cumulative surface water flows and, if not, upgrade both M12 and SCAW controls to make them adequate. This may require updates to the relevant erosion and sediment control plans.

Community and communication documents

It is noted that the Auditor is not suitably experienced or qualified to provide an informed finding as to the adequacy or degree of implementation of the communication documents during the audit period. Within the confines of the audit and based on the evidence provided by the auditees, the Auditor is of the view that the documents appear to be of a high quality and are being implemented.

Of note, and consistent with the fourth audit period, SBT utilizes a consultation tracking spreadsheet that identifies past and upcoming events, a look ahead on activities and required notifications, details on activity notifications (including owner, status, dates, no. of stakeholders contacted and distributor). This tracker gives SBT the ability to identify, plan and execute communication requirements from the Community Communications Strategy and is a robust tool in helping demonstrate that the Community Communications Strategy has been implemented.

Recent updates to the CICG meeting format by Sydney Metro to include the collation and coordination of OOHW across its Project and other Projects that contribute to the CICG (Transport for NSW, M12, WSA and Sydney Water) is a potentially effective way to ensure that community respite is achieved. The Auditor supports this initiative and will assess its implementation at the next Independent Audit.

Traffic documents

It is noted that the Auditor is not suitably experienced or qualified to provide an informed finding as to the adequacy or degree of implementation of the construction traffic related documents. The Auditor notes that the vast majority of CTMPs were prepared and finalised prior to the current audit period and remain unchanged, with only one CTMP having been prepared for the current period. The evidence sighted from the third, fourth and fifth Independent Audit indicates that the CTMPs comply with the requirements from the Construction Traffic Management Framework. According to the auditees, once prepared each CTMP goes to Sydney Metro, TfNSW and the relevant Council for comment. Once comments are addressed the document is issued to Transport for NSW Customer Journey Planning for approval. Once approved the documents are sent to the Department and published online. The persons involved in the preparation, review and approval of the documents are subject matter experts and have deemed each of the CTMPs adequate for implementation.

As such, within the confines of the audit and based on the evidence provided by the auditees, the Auditor is of the view that the documents appear to be of a high quality and satisfy the relevant conditions. The Auditor draws attention to finding 10051_IA5_1 in Table 6 regarding truck queuing on Lansdowne Road which was considered by the Department and Sydney Metro to be a contravention of the applicable CTMP. The Auditor has not identified any other failure to implement the documents.

3.4 Summary of notices from agencies

The Department issued a direction to SBT (CPBG) concerning adequacy of erosion and sediment control measures on site during the previous audit period.⁸ The direction required SBT to (among other things) engage an independent Certified Professional in Erosion and Sediment Control to

⁸ The EPA also issued letters in relation to the same issues prior to the current audit period but none during the current period.

audit the erosion and sediment controls measures on site, to report on the status of the adequacy of the control measures, to rectify any deficiencies and to make the audits publicly available. The audits were completed and the recommended actions from the audits were implemented by SBT (CPBG). The audits can be located on both the Sydney Metro and SBT (CPBG) websites. The Department confirmed on 10 October 2023 that all actions required by the direction had been addressed and that the Department considered the matter closed.

Auditor is not aware of any other notices issued by the Department or other agencies.

The Department, EPA and Councils were consulted on the scope of this Independent Audit and none of the stakeholders identified notices having been issued during the audit period.

3.5 Other matters considered relevant by the Auditor or DPHI

Matters considered relevant by the Auditor

As noted in the previous audit, the Auditor notes that the area surrounding the Project and the Western Sydney Airport is undergoing significant change and intensification in the development of land and associated infrastructure. Cumulative impacts, particularly relating to noise, dust, soil, water and property impacts from construction and associated traffic are inevitable.

As an update from the fourth Independent Audit, Sydney Metro has made progress in coordinating OOHW with other major projects in the area through its CICG forum, and this is a positive development. Sydney Metro however, does not appear to have introduced a process by DNVISs and other noise and vibration assessments include activities / impacts of third parties (or include a justification as to why inclusion of this information is not required). The Auditor considers this finding from the fourth audit to remain open.

The Auditor considers that the interfacing between the various sites of Sydney Metro packages (namely SSTOM to both SBT and SCAW at Orchard Hills) and, more significantly, the M12 to SCAW at Elizabeth Drive presents a material risk associated with surface water runoff during inclement weather if not properly managed. At present, the erosion and sediment control may not be adequately designed to accommodate the volumes of water being introduced by the upstream interfacing projects. Of note also is the prevalence of soil and water quality complaints received for the period (ten), indicating that offsite impacts may have been observed during the audit period. Notwithstanding this, the auditees have demonstrated that progress has been made in establishing processes and controls to prevent or mitigate this risk.

Matters considered relevant by the Department

The Department requested that the audit pay particular attention to the Orchard Hills site (tunnelling and interfacing between SSTOM, SBT and SCAW). The Auditor notes refers to findings 10051_IA5_1 and 10051_IA5_14 in Table 6 of this Report, regarding SBT's management of spoil truck queuing on Lansdowne Road (non-compliance with A2) and material tracking on Kent Road (observation against E128). In both instances it appears as though SBT have rectified the root causes of the issues and the Auditor is not aware of repeat occurrences.

The Auditor also reiterates the issue associated with surface water flows crossing from SSTOM to both SBT and SCAW sites at Orchard Hills. To date the Auditor has not identified any offsite impacts at this site as a result of the issue, and further coordination between each package is underway to ensure off site impacts don't occur during large rain events in the future.

Matters considered relevant by Liverpool City Council

Council requested that the audit include an assessment of how conditions pertinent to Council have been satisfied, namely conditions A18, A34, A35, C5, C13, D3 and D5, E12, E17, E18, E25, E27, E32, E58, E74, E77, E96, E97. The Auditor notes the following:

- A18, A34, A35, C5, C13, E12 were all completed prior to the current audit period. Refer to the third and fourth Independent Audit reports for details. The Auditor did not identify any issues associated with requirements relating to Council at that time.
- E17 was not triggered as flood modelling concluded that there is no need for consultation with landowners on the basis that the criteria from E15 has been achieved.
- D3, D5, E18, E58, E96 and E97 relate to requirements needing to be fulfilled during or prior to operations and were not triggered during the audit period.
- E25 and E27 are not yet triggered as heritage works are ongoing.
- E32 is not yet triggered. The Excavation Report is expected to be finalised by June 2024.
- E74 and E77 are not triggered as there are no works in the Liverpool Local Government Area that are relevant to the Design Review Panel or the Place, Urban Design and Corridor Landscape Plan.

3.6 Complaints

A complaints register is being maintained for the Project using the software, Consultation Manager. The complaints register was provided to the Auditor on covering the entire audit period.

46 complaints were recorded on the complaints register, 38 relevant to SBT and 8 relevant to SCAW. None were recorded in relation to FSMs works. The most complaints were received about works at or proximal to the Orchard Hills site (27) and relating to soil and water (10).

The Complaints Management System⁹ and register include a requirement to provide a justification for a complaint being 'unavoidable', that is a complaint '*in opposition to the Project or government policy, or complaints about issues that are within Project planning approvals*'. One 'unavoidable' complaint (received 18/09/23) did not have an associated justification. Of the eight 'avoidable' complaints (that is those that are '*about issues outside planning approval, or a commitment that has been given to the community or stakeholders*') none appeared to be associated with a non-compliance with the Approval. The complaints register indicates that Sydney Metro and its contractors have adequately responded to each of the complaints recorded.

⁹ Construction Complaints Management System, Sydney Metro, 20 October 2023

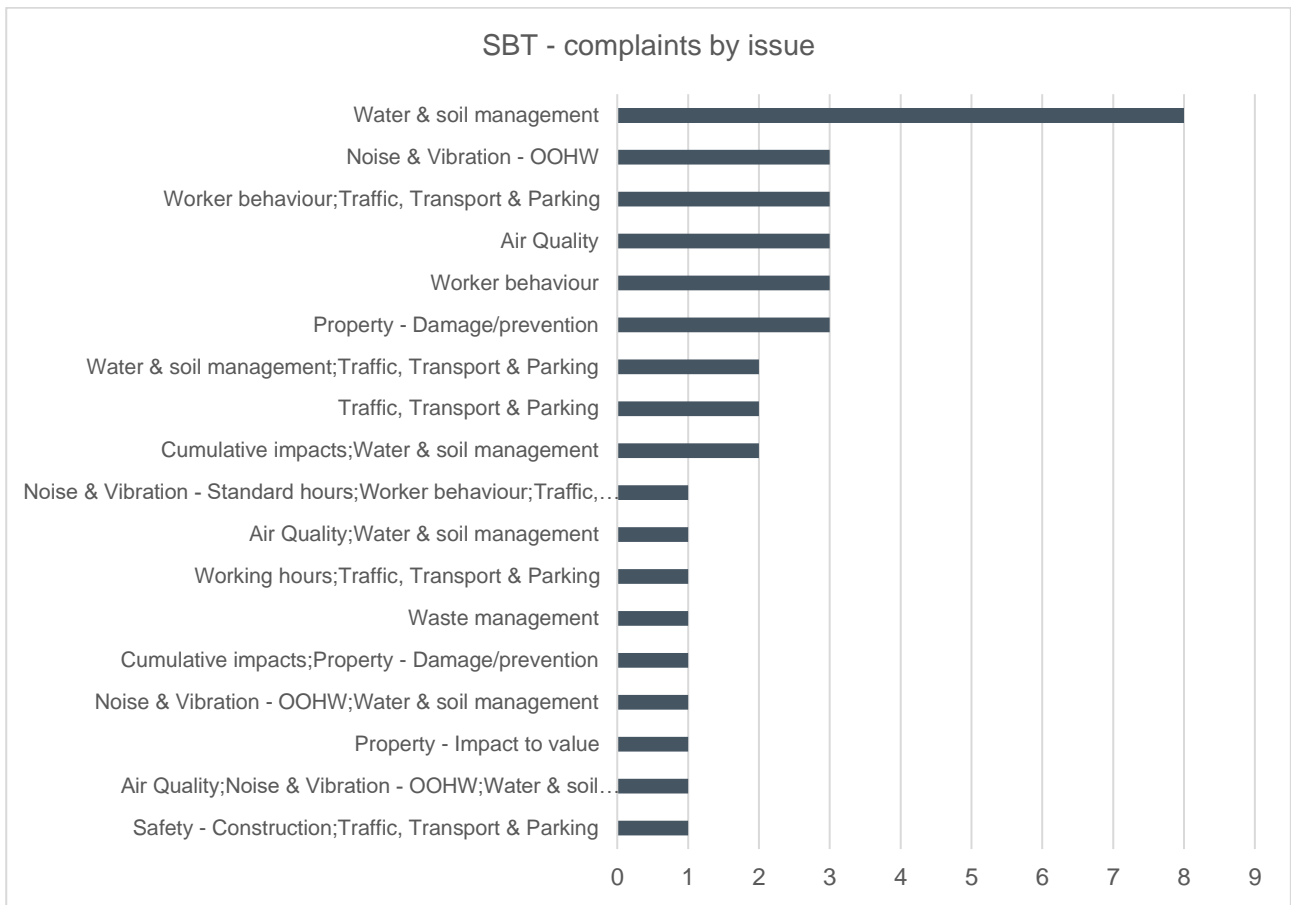


Figure 3: SBT complaints by issue

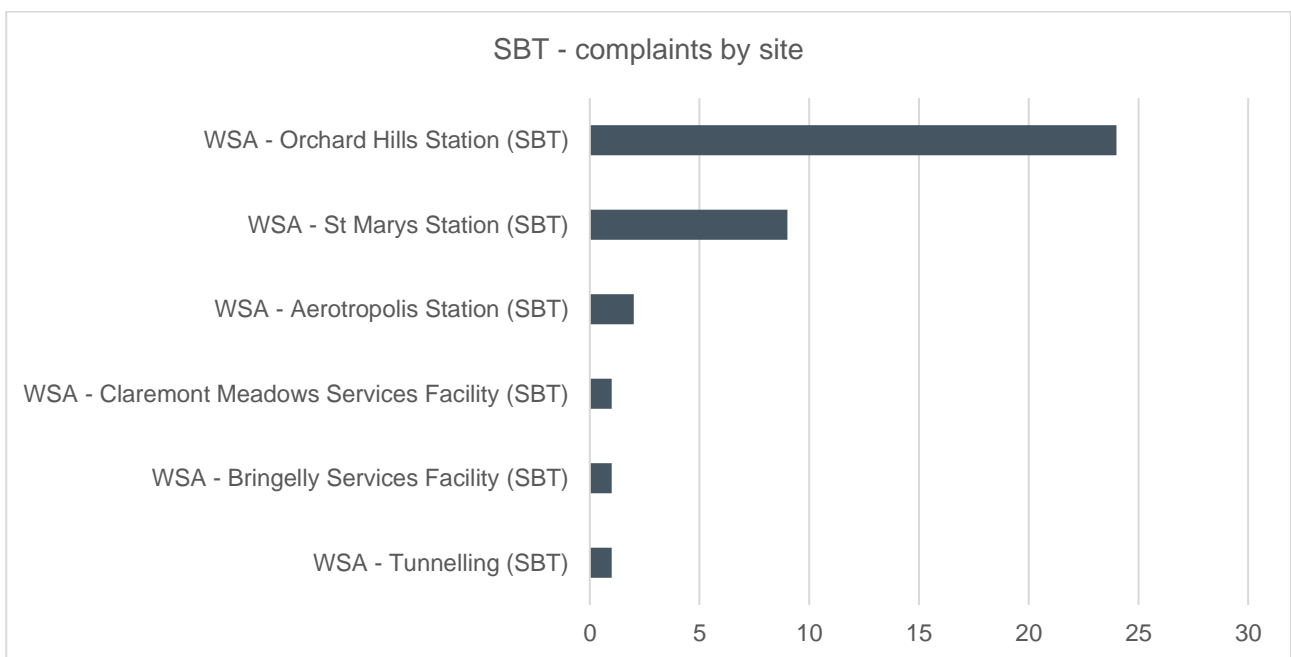


Figure 4: SBT complaints by site

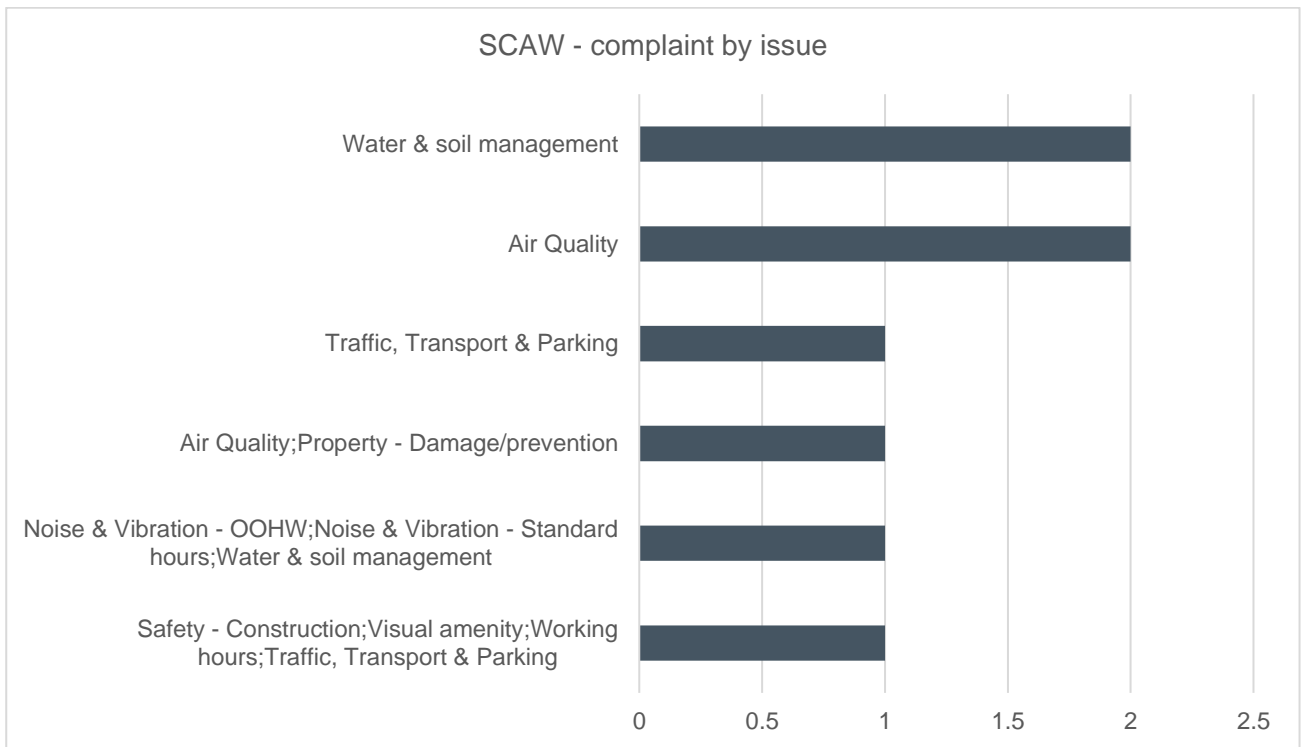


Figure 5: SCAW complaints by issue

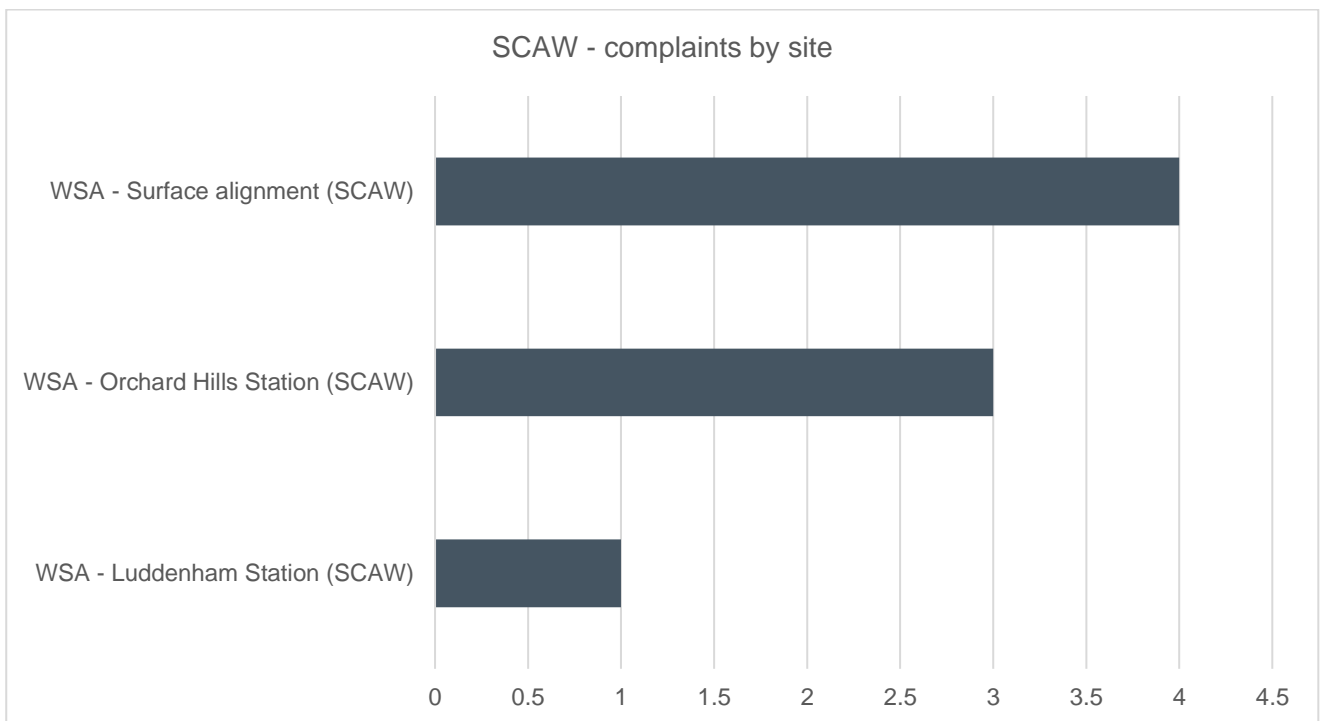


Figure 6: SCAW complaints by site

3.7 Incidents

The Project wide incident register was provided to the Auditor and the incident registers were sighted for each package. The incident registers include the date, time, location, team responsible, significance rating and actions taken to rectify the incidents.

12 environmental incidents were recorded for the audit period; eight for SBT, four for SCAW and none for FSM. Four relate to soil and water, and eight relate to minor spills and leaks from fixed and mobile plant.

The auditees have not identified any incidents as defined by the Approval that need to be reported to the Department during the audit period, as required under A41/A42. The Auditor agrees with this assessment based on the information sighted.

3.8 Actual versus predicted impacts

Predicted outcomes associated with the construction of the Project are described in Chapters 8 – 24 of the *Sydney Metro – Western Sydney Airport Environmental Impact Statement*, 21 October 2020 (the EIS) and Sections 4.7 – 4.17 of the *Sydney Metro – Western Sydney Airport Submissions Report* (no date), submitted April 2021 (the RtS).

The EIS and RtS included a range of studies and predictions that relied on observation, measurement and modelling of the existing environments and potential outcomes arising from the Project. Full assessment of the accuracy of these predictions would also require a significant number of studies involving measurement and modelling using actual data points as inputs. Other than the construction requirements specified in the conditions and REMMs, to the Auditor's knowledge there are no requirements to undertake such studies and doing so does not form part of this Independent Audit. Any such comparison is qualitative only.

Assessment of actual vs predicted impacts considered:

- The extent to which the Project has been altered to that assessed in the EIS and RtS and approved, including whether Project boundaries have changed
- The works conducted during the audit period
- The degree of compliance with the Approval and the REMMS, relevant to the audit period and the works carried out
- The degree of adequacy and implementation of the approved post approval documents
- The number, nature and severity of incidents recorded during the audit period
- The number, nature and severity of complaints recorded during the audit period.

The Auditor observes that the Project has been altered via one modification (prior to the current audit period) and subject to three consistency assessments/environmental reviews during the current audit period. The assessments/reviews included an assessment on the potential impacts as a result of the changes and determined the revised impacts to be consistent with that outlined in the EIS and RtS and the terms of the Approval.

The works undertaken during the audit period (described in Section 1.1.4) are consistent with the construction works described in the EIS and RtS and those described in the approved consistency assessment/environmental reviews. The ER has not identified any material departures between the works undertaken during the audit period, and those identified in the EIS and RtS.

As set out in Section 3.2, the degree of compliance with the Approval and the REMMs is very high (two non-compliances were identified against 222 conditions). The non-compliances relate to queuing of trucks at Orchard Hills and submission of post-construction condition survey reports at St Marys. None of these non-compliances are considered to present material impacts above or beyond those contemplated in the EIS or RtS.

The Auditor has found that the CEMP, Sub-plans and monitoring programs, and community and traffic related post approval documents to be of a very high quality. The shortcomings in their implementation, as identified in Section 3.3, are not likely to have presented material departures from the impacts identified in the EIS and RtS.

Complaints and incidents for Project are inevitable given the scale and complexity of the works. As noted in Sections 3.6 above the Auditor is of the view that Sydney Metro and its contractors have adequately identified and responded to the complaints received during the audit period. The Auditor has not identified any complaints that indicate that impacts are different to that predicted or that they are unacceptable in their severity.

The auditees have not identified any incidents as defined by the Approval that need to be reported to the Department as required under A41/A42, that is, no incidents have been assessed as having potential or actual material harm on the environment or community (or actual or potential loss or property damage of an amount, or amounts in aggregate, exceeding \$10,000). The Auditor agrees with this assessment based on the information sighted.

3.9 Environmental performance

The environmental performance of the Project during the audit period is considered by the Auditor to be high. The following matters are of note:

- The compliance records were well organized and available at the time of the site inspection and interview with key Project personnel.
- Relevant environmental and compliance monitoring activities are being undertaken by Sydney Metro, the ER and its contractors to provide verification of compliance against statutory requirements and the broader Project legislative requirements.
- It is the Auditor's view that the Project should consider adopting a more conservative approach to the establishment of Minor Ancillary Facilities that are outside the Project boundary, so as to prevent the potential for Project creep.
- The management of dust, noise and vibration, OOHV, flora and fauna, and traffic appears to be sound, given the scale of the Project. Whilst complaints were recorded that are relevant to these aspects, there does not appear to be any material mismanagement.
- Notwithstanding the above, the Auditor is of the view that cumulative impact risk remains due to the intensification of construction across the region (from both Sydney Metro and non-Sydney Metro projects). With this in mind, the Auditor observes the following:
 - Pursuant to the fourth Independent Audit, Sydney Metro has made progress in coordinating OOHV with other major projects in the area through its CICG forum, and this is a positive development.

- Sydney Metro however, does not appear to have introduced a process whereby DNVISs and other noise and vibration assessments include activities / impacts of third parties (or include a justification as to why inclusion of this information is not required) as was recommended in the fourth audit (finding 10051_IA4_16). The Auditor considers this finding from the fourth audit to remain open.
- The interfacing between the various sites of Sydney Metro packages (namely SSTOM to both SBT and SCAW at Orchard Hills) and, more significantly, the M12 to SCAW at Elizabeth Drive presents a material risk associated with surface water runoff during inclement weather if not properly managed. At present, the erosion and sediment control may not be adequately designed to accommodate the volumes of water being introduced by the upstream interfacing projects. Of note also is the prevalence of soil and water quality complaints received for the period (ten), indicating that offsite impacts may have been observed during the audit period. Notwithstanding this, the auditees have demonstrated that progress has been made in establishing processes and controls to prevent or mitigate this risk.

4. CONCLUSIONS

This Audit Report presents the findings from the fifth Independent Audit for on the Sydney Metro Western Sydney Airport (the Project), covering the period from the 22 August 2023 to 29 February 2024.

The overall outcome of the Independent Audit was very positive. Compliance records were organised and available at the time of the site inspection and interviews with Project personnel from Sydney Metro, its contractors and the ER (together, the auditees). The auditees were cooperative and responsive to the Auditors requests and requirements of the audit.

Relevant environmental and compliance records were being collected and reported to enable verification against compliance and Project environmental requirements.

With respect to findings from the fifth Independent Audit:

- There were 222 conditions assessed.
- 173 conditions were considered to be compliant.
- Two (2) non-compliances were identified. These relate to queuing of trucks at Orchard Hills and submission of post-construction condition survey reports at St Marys.
- 47 conditions were considered not triggered.
- In addition to the above, 12 observations were identified. These relate to establishment of Minor Ancillary Facilities at St Marys, Project markings on spoil trucks, dewatering of construction water, surface water monitoring, preparation of the Tree Survey and Staging, obtaining a Site Audit Statement for a Remediation Action Plan, obtaining Section A Site Audit Statements following remediation, reuse of non-potable water, damage to Luddenham Road and management of surface water flows between interfacing construction sites.

With respect to the status of the 14 findings that were open at the time of completion of the fourth Independent Audit:

- Nine (9) previously open findings are considered by the Auditor to be closed.
- Four (4) findings are considered still open or only partially closed. These relate to the SBT Water Reuse Plan, updates to the Communication Interface Coordination Group, management of cumulative impacts and remediation works at Lot 97 at Orchard Hills.

Detailed findings are presented in Section 3, along with actions proposed or undertaken by the auditees to address the findings.

The Auditor would like to thank the auditees from Sydney Metro, the ER (HBI) and its contractors (CPBG, CPBUI and Laing O'Rourke) for their high level of organisation, cooperation, and assistance during the Independent Audit.

LIMITATIONS

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The assessment of actual impacts and those predicted in the Environmental Impact Assessment(s) was a high-level assessment qualitative assessment only. The Environmental Impact Assessment(s) include a voluminous number of studies and predictions that relied on observation, measurement and modelling of the existing environments and potential outcomes arising from the Project (including mitigation measures). Full assessment of the accuracy of these predictions would also require a significant number of studies involving measurement and modelling using actual data points as inputs. Other than the requirements specified in the conditions, to the Auditor's knowledge there are no requirements to undertake such studies and doing so does not form part of this Independent Audit.

Audits of all post approval documents prepared to satisfy the conditions, including an assessment of the implementation of Environmental Management Plans and Sub-plans, adopts a Judgement Based Sampling approach. Judgement Based Sampling is the process of selecting a sample of commitments and evidence from within the total available data set (population) to obtain and evaluate evidence about some characteristic of that population, in order to form a conclusion concerning the population.

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APPENDIX A – SSI 10051 CONDITIONS OF APPROVAL



Unique ID	Compliance requirement	SBT	SCAW	SSTOM	Evidence collected	Independent Audit findings and recommendations	Compliance Status
SCHEDULE 2							
PART A ADMINISTRATIVE CONDITIONS							
General							
A1	<p>The Proponent must carry out the CSSI in accordance with the terms of this approval and generally in accordance with the:</p> <p>(a) Sydney Metro – Western Sydney Airport Environmental Impact Statement dated 21 October 2020; and</p> <p>(b) Sydney Metro – Western Sydney Airport Submissions Report submitted April 2021.</p>	Applicable	Applicable	Applicable	<p>Evidence referred to elsewhere in this Audit Table</p> <p>Environmental Review, SBT, Claremont Meadows Tunnelling Support Activities, 09/02/24</p> <p>Consistency Assessment, SCAW, Luddenham South Basin Outlet Works, 23/01/24</p> <p>Environmental Review, SBT, Aerotropolis Overland Pipeline for Water Treatment Plant Discharges, 04/08/23</p>	<p>The Auditor notes that several non-compliances and observations have been identified against the requirements of this Approval. The non-compliances are not significant in number and have not appeared to result in any material impact to the environment or community. The non-compliances have been assigned to the requirement to which they relate. Therefore, the Auditor has not assigned another non-compliance with this requirement.</p> <p>Independent Certifier (IC) is charged with verifying that the Project is designed in accordance with the contract (which includes general conformance with the EIS and associated documents). Inspection test plans are implemented, with defects raised and addressed prior to the IC closure of the relevant lot (through issue of a Notice of Substantial Completion). Sydney Metro also implements a design verification traceability matrix process, which includes an assessment of design against the Project Approval, EIS and associated documents. This provides some degree of confidence that the project is being delivered in accordance with this condition.</p> <p>The Auditor also notes that Project plans, strategies and programs have incorporated the requirements of this Approval and the REMMs as applicable (noting the finding against A2 below). By and large these have been implemented on site.</p> <p>Three consistency assessments/environmental reviews were determined relevant to the audit period in relation to laydown for tunnelling at Claremont Meadows, changes to Basin Outlets at Luddenham South and water treatment plant connections at Aerotropolis. All were determined by Sydney Metro to be consistent with the Approval.</p>	C

A2	<p>The CSSI must only be carried out in accordance with all procedures, commitments, preventative actions, performance criteria and mitigation measures set out in the documents listed in Condition A1 unless otherwise specified in, or required under, this approval.</p>	Applicable	Applicable	Applicable	<p>Evidence referred to elsewhere in this Audit Table</p> <p>SBT non-compliance report against A2, 01/12/23 (truck queuing being non-complaint with A2) and DPHI post approval portal lodgement, 04/12/23 (notification to DPHI)</p>	<p>Procedures, commitments, preventative actions, performance criteria and mitigation measures identified in the EIS have been incorporated into Project plans, strategies and programs where relevant for the scope of works being carried out. The ER and the Department have endorsed / approved the documents (where applicable) prior to the relevant works commencing. The evidence sighted with regards to implementation of the documents indicates that they are (by and large) being implemented.</p> <p>A review was also conducted on the REMMs and a request for information was raised with the auditees to provide evidence of implementation of certain REMMs relevant to their work, and where they differ from the requirements set out in this approval. The responses provided have satisfied the Auditor that the REMMs (where relevant to the scope of works being carried out) had been implemented during the audit period.</p> <p>SBT Non-compliance: SBT reported a non-compliance against A2 for truck queuing on Lansdowne Drive on 26/10/23. Initially the ER and Sydney Metro considered there to not be a breach on the basis that E109 does not prohibit queuing, but does require minimizing of queuing. However, a non-compliance was raised by Sydney Metro against A2 on 04/12/23 following discussion with the Department, based on a contravention of the applicable CTMP.</p>	NC
A3	<p>In the event of an inconsistency between:</p> <p>(a) the conditions of this approval and any document listed in Condition A1, the conditions of this approval will prevail to the extent of the inconsistency; and</p> <p>(b) any document listed in Condition A1, the most recent document will prevail to the extent of the inconsistency.</p> <p>Note: For the purpose of this condition, there is an inconsistency between a term of this approval and any document if it is not possible to comply with both the term and the document.</p>	Applicable	Applicable	Applicable	<p>Interview with auditees 06-13/02/24</p>	<p>This audit assesses compliance with the conditions of this Approval. Where duplication / overlap or inconsistency with a REMM has been identified, the Auditor has applied the condition requirement.</p> <p>The auditees are not aware of a material inconsistency, and has applied the requirements of this Approval against all else.</p> <p>Whilst not a compliance issue, the Auditor notes reference to REMMS SC1 and SC2 as a means to reclassify contamination risk. This is inconsistent with E92. This audit has considered this difference and assesses compliance with E92.</p>	C
A4	<p>In the event that there are differing interpretations of the conditions of this approval, including in relation to a condition of this approval, the Planning Secretary's interpretation is final.</p>	Applicable	Applicable	Applicable	<p>Interview with auditees 06-13/02/24</p>	<p>Sydney Metro and its contractors are not aware of any events requiring interpretation.</p>	NT

A5	<p>The Proponent must comply with all written requirements or directions of the Planning Secretary, including in relation to:</p> <p>(a) the environmental performance of the CSSI;</p> <p>(b) any document or correspondence in relation to the CSSI;</p> <p>(c) any notification given to the Planning Secretary under the terms of this approval;</p> <p>(d) any audit of the construction or operation of the CSSI;</p> <p>(e) the terms of this approval and compliance with the terms of this approval (including anything required to be done under this approval);</p> <p>(f) the carrying out of any additional monitoring or mitigation measures; and</p> <p>(g) in respect of ongoing monitoring and management obligations, compliance with an updated or revised version of a guideline, protocol, Australian Standard or policy required to be complied with under the terms of this approval</p>	Applicable	Applicable	Applicable	<p>Letters DPHI to Sydney Metro, 28/06/23 and 03/07/23 (Direction under A5 regarding soil and water controls)</p> <p>Letter SEEC to SBT, 28/06/23 (independent review of SBT site controls in line with DPHI's A5 direction) and DPHI post approval portal record 07/07/23 (submission of SEEC report)</p> <p>Letter SEEC to SBT, 07/07/23, 07/08/23 (soil and water audits in accordance with DPHI A5 direction)</p> <p>Audit Report September 2023, 26/09/23, (soil and water audits in accordance with DPHI A5 direction.</p> <p>https://www.sydneymetro.info/documents</p> <p>https://www.cpbcon.com.au/our-projects/2022/sydney-metro-western-sydney-airport-station-boxes-and-tunnels</p> <p>DPHI Letter Subject: Sydney Metro - Western Sydney Airport (SSI-10051) - Advanced and Enabling Works - Footbridge St Marys – Heavy Vehicle Local Roads, dated 13/12/2023</p> <p>DPHI letter Subject: Direction made under condition A5 of Sydney Metro Western Sydney Airport project (SSI-10051) for erosion and sediment control - Station Box and Tunnelling sites, dated 10/10/2023</p> <p>Correspondence regarding DPHI erosion and sediment control under condition A5 dated between June to October 2023.</p> <p>AEW FSM HVLR, Laing O'Rourke, 07/12/23 (MAF HVLR)</p> <p>Letter DPHI to Sydney Metro, 13/12 23 (approval of AEW FSM St Marys HVLR).</p>	<p>The Department issued a direction concerning adequacy of erosion and sediment control measures on site SBT during the previous audit period. SBT engaged the independent CPESC to report on progress of rectification works and submitted this information to the Department and posted the information on the Sydney Metro website in accordance with the direction. The Department confirmed on 10/10/23 that all actions required by SBT had been addressed and that the Department considered the matter closed.</p> <p>SCAW is not aware of any written directions having been issued during the audit period.</p> <p>AEW FSM developed an HVLR for the use of local roads around St Marys for the purposes of accessing MAFs during possession works. This was described in the HVLR and was conditionally approved by DPHI on 13/12/23. The DPHI put limits as follows:</p> <ol style="list-style-type: none"> 1. Use of the local roads identified in Figure 4 of HVLR Report, by heavy vehicles, for a maximum of 3 rail corridor possessions, or a maximum 6-month timeframe, from the date of this approval letter (whichever occurs first). 2. A maximum of 10 heavy vehicle movements per day, as specified in Table 2 of the HVLR Report, for the local roads identified in Figure 4 of the HVLR Report <p>Thus far the local roads have not been used for access under possession.</p>	C
A6	<p>Where the terms of this approval require a document or monitoring program to be prepared, or a review to be undertaken, in consultation with identified parties, evidence of the consultation undertaken must be submitted to the Planning Secretary with the document. The evidence must include:</p> <p>(a) documentation of the engagement with the party identified in the condition of approval that has occurred before submitting the document for approval;</p> <p>(b) a log of the dates of engagement or attempted engagement with the identified party and a summary of the issues raised by them;</p> <p>(c) documentation of the follow-up with the identified party(s) where feedback has not been provided to confirm that the party(s) has none or has failed to provide feedback after repeated requests;</p> <p>(d) outline of the issues raised by the identified party(s) and how they have been addressed; and</p> <p>(e) a description of the outstanding issues raised by the identified party(s) and the reasons why they have not been addressed.</p>	Applicable	Applicable	Applicable	<p>Refer to A18, C5, C13, C14, E8, E12, E14, E23, E35, E42, E47, E57, E64, E73, E77, E79, E83, E114, E117, E121, E130; and D5, E17, E58, E112, E119</p>	<p>The majority of consultation was required during earlier audit periods, when strategies, plans and programs were being developed and construction was in its infancy. Refer to earlier audit reports regarding an assessment on the adequacy of consultation during earlier audit periods.</p> <p>The evidence sighted at this fifth audit indicates that where consultation was required during the audit period, it has been completed.</p>	C
A7	<p>This approval lapses five (5) years after the date on which it is granted, unless work has physically commenced on or before that date.</p>	Applicable	Applicable	Applicable	<p>Site inspection 06, 12, 13/02/24</p>	<p>The Project is in construction.</p>	C
A8	<p>References in the terms of this approval to any guideline, protocol, Australian Standard or policy are to such guidelines, protocols, standards or policies in the form they are in as at the date of this approval.</p>	Applicable	Applicable	Applicable	<p>Refer to evidence sighted elsewhere in this Audit Table.</p>	<p>The plans, strategies and programs sighted as part of the audit appear to reference the relevant and current guidelines, protocols, Australian Standards or policies.</p>	C

A9	<p>Any document that must be submitted or action taken within a timeframe specified in or under the conditions of this approval may be submitted or undertaken within a later timeframe agreed with the Planning Secretary.</p> <p>This condition does not apply to the written notification required in respect of an incident under Condition A41.</p>	Applicable	Applicable	Applicable	<p>Letters DPPI to Sydney Metro, 28/06/23 and 03/07/23 (Direction under A5 regarding soil and water controls)</p> <p>Letter SEEC to SBT, 28/06/23 (independent review of SBT site controls in line with DPPI's A5 direction) and DPPI post approval portal record 07/07/23 (submission of SEEC report)</p> <p>Letter SEEC to SBT, 07/07/23, 07/08/23 (soil and water audits in accordance with DPPI A5 direction)</p> <p>Audit Report September 2023, 26/09/23, (soil and water audits in accordance with DPPI A5 direction.</p> <p>https://www.sydneymetro.info/documents</p> <p>https://www.cpbcon.com.au/our-projects/2022/sydney-metro-western-sydney-airport-station-boxes-and-tunnels</p> <p>DPPI Letter Subject: Sydney Metro - Western Sydney Airport (SSI-10051) - Advanced and Enabling Works - Footbridge St Marys – Heavy Vehicle Local Roads, dated 13/12/2023</p> <p>DPPI letter Subject: Direction made under condition A5 of Sydney Metro Western Sydney Airport project (SSI-10051) for erosion and sediment control - Station Box and Tunnelling sites, dated 10/10/2023</p> <p>Correspondence regarding DPPI erosion and sediment control under condition A5 dated between June to October 2023.</p> <p>Letter DPPI to Sydney Metro, 19/12/23 (DPPI extension of December 2023 ER Monthly Report).</p> <p>Interview with auditees 05-13/02/24</p>	<p>The Department issued a direction concerning adequacy of erosion and sediment control measures on site SBT. SBT engaged the independent CPESC to report on progress of rectification works and submitted this information to the Department and posted the information on the Sydney Metro website in accordance with the direction. The Department confirmed on 10/10/23 that all actions required by SBT had been addressed and that the Department considered the matter closed.</p> <p>The ER requested an extension for submission of the December 2023 ER Monthly Report. This was approved by the Department on 19/12/23.</p> <p>The auditees are not aware of any other requests for extensions to timeframes during the audit period.</p>	C
Staging							
A10	<p>The CSSI may be constructed and operated in stages. Where staged construction and/or operation is proposed, a Staging Report must be prepared. The Staging Report must be submitted to the Planning Secretary for information no later than one (1) month before the lodgement of any CEMP or CEMP sub plan for the first of the proposed stages of construction (or if only staged operation is proposed, one (1) month before the commencement of operation of the first of the proposed stages of operation), unless otherwise agreed with the Planning Secretary.</p>	Applicable	Applicable	Applicable	<p>Staging Report, Sydney Metro, Rev 9.0, 05/05/23</p> <p>Letter HBI to Sydney Metro, 05/05/23 (ER endorsement of Rev 9 of Staging Report)</p> <p>Letter DPPI to Sydney Metro, 26/05/23 (DPPI acknowledgement of Rev 9 of Staging Report)</p>	<p>The Project is being staged. The Department accepted the latest update of the Staging Report on 26/05/23 (prior to current audit period).</p>	C
A11	<p>The Staging Report must:</p> <p>(a) set out how construction of the whole of the CSSI will be staged, including details of work and other activities to be carried out in each stage and the general timing of when construction of each stage will commence and finish;</p> <p>(b) if staged operation is proposed, set out how the operation of the whole of the CSSI will be staged, including details of each stage and the general timing of when operation of each stage will commence;</p> <p>(c) specify conditions that apply to each stage of construction and operation including how compliance with conditions will be achieved across and between each of the stages of the CSSI;</p> <p>(d) set out mechanisms for managing any cumulative impacts arising from the proposed staging; and</p> <p>(e) for the purposes of informing Conditions C2, C7 and C17, include an assessment of the predicted level of environmental risk and potential level of community concern posed by the construction activities required to construct each stage of the CSSI. With respect to (e) above, the risk assessment must use an appropriate process consistent with AS/NZS ISO 31000: 2018; Risk Management - Guidelines and must be endorsed by the ER</p> <p>Note:</p> <ol style="list-style-type: none"> 1. A Staging Report may reflect the staged construction and operation of the project through geographical activities, temporal activities or activity-based staging. 2. The risk matrix must reflect the stages of construction identified in the Staging Report 	Applicable	Applicable	Applicable	<p>Staging Report, Sydney Metro, Rev 9.0, 05/05/23</p> <p>Letter HBI to Sydney Metro, 05/05/23 (ER endorsement of Rev 9 of Staging Report)</p> <p>Letter DPPI to Sydney Metro, 26/05/23 (DPPI acknowledgement of Rev 9 of Staging Report)</p>	<p>The Project is being staged. The previously approved, and updated Staging Report includes the information specified in this condition. The Department accepted the latest update on 26/05/23 (prior to the current audit period).</p>	C
A12	<p>The CSSI must be staged in accordance with the Staging Report, as submitted to the Planning Secretary for information.</p>	Applicable	Applicable	Applicable	<p>Staging Report, Sydney Metro, Rev 9.0, 05/05/23</p> <p>Evidence sighted in Parts B, C and E of this Audit Table</p> <p>Site inspection 06, 12, 13/02/24</p>	<p>The Project appears to be staged in accordance with the Staging Report.</p>	C

A13	Where staging is proposed, the terms of this approval that apply or are relevant to the work or activities to be carried out in a specific stage must be complied with at the relevant time for that stage	Applicable	Applicable	Applicable	Staging Report, Sydney Metro, Rev 9.0, 05/05/23 Evidence sighted in Parts B, C and E of this Audit Table Site inspection 06, 12, 13/02/24	The Project appears to be staged in accordance with the Staging Report. This audit assesses compliance of the Project in consideration of the timing specified in the Staging Report. Other than the specific non-compliances identified, the Auditor has not identified a departure from the Staging Report.	C
A14	Where changes are proposed to the staging of construction or operation, a revised Staging Report must be prepared and submitted to the Planning Secretary for information before the commencement of changes to the stage of construction or the stage of operation.	Applicable	Applicable	Applicable	Staging Report, Sydney Metro, Rev 9.0, 05/05/23 Letter HBI to Sydney Metro, 05/05/23 (ER endorsement of Rev 9 of Staging Report) Letter DPHI to Sydney Metro, 26/05/23 (DPHI acknowledgement of Rev 9 of Staging Report) Construction start dates (A10) as provided by Sydney Metro and the auditees, 20/07/23	The Project is being staged. The previously approved, and updated Staging Report includes the information specified in this condition. The Department accepted the latest update on 26/05/23 (prior to the current audit period).	C
A15	Where changes are proposed to the risk assessment related to the staging of construction or operation, a revised Staging Report must be submitted to the Planning Secretary for information one (1) month before the lodgment of any CEMP or CEMP sub plan associated with the stage where change in risk assessment is proposed	Applicable	Applicable	Applicable	Staging Report, Sydney Metro, Rev 9.0, 05/05/23 Letter HBI to Sydney Metro, 05/05/23 (ER endorsement of Rev 9 of Staging Report) Letter DPHI to Sydney Metro, 26/05/23 (DPHI acknowledgement of Rev 9 of Staging Report)	The Project is being staged. The previously approved, and updated Staging Report includes the risk assessment as specified in this condition. The Department accepted the latest update on 26/05/23 (prior to the current audit period).	C
A16	The Proponent may submit any strategies, plans or programs required by this approval on a progressive basis, within each stage of the CSSI. Notes: 1. While any strategy, plan or program may be submitted on a progressive basis, the Proponent will need to ensure that the existing activities on site are covered by suitable strategies, plans or programs at all times; and 2. If the submission of any strategy, plan or program is to be submitted on a progressive basis, then the relevant strategy, plan or program must clearly describe the activities to which the strategy, plan or program applies, the relationship of this activity to any future activities within the stage, and the trigger for updating the strategy, plan or program. 3. The staged submission of strategies, plans or programs may reflect the construction and operation of the project through geographical activities, temporal activities or activity-based staging.	Applicable	Applicable	Applicable	Staging Report, Sydney Metro, Rev 9.0, 05/05/23 Evidence sighted in Parts B, C and E of this Audit Table	The Project appears to be submitting strategies, plans or programs in line with the staging set out in the Staging Report.	C
Ancillary Facilities							

A17	<p>Ancillary facilities that are not identified by description and location in the documents listed in Condition A1 can only be established and used in each case if:</p> <p>(a) they are located within or immediately adjacent to the Construction Boundary of the CSSI; and</p> <p>(b) they are not located next to sensitive land use(s) (including where an access road is between the facility and the receiver), unless the landowner and occupier have given written acceptance to the carrying out of the relevant facility in the proposed location; and</p> <p>(c) they have no impacts on Heritage items (including areas of archaeological sensitivity), threatened species, populations or ecological communities beyond the impacts approved under the terms of this approval; and</p> <p>(d) the establishment and use of the facility can be carried out and managed within the outcomes set out in the terms of this approval, including in relation to environmental, social and economic impacts.</p> <p>Note: This condition does not apply to any ancillary facilities or work that are exempt or complying development, established before the commencement of construction under this approval or minor ancillary facilities established under Condition A22.</p>	Applicable	Applicable	Applicable	<p>SBT interview 07-08/02/24</p> <p>Construction Environment Management Plan, SBT, CPBG, 29/09/22 (SBT CEMP)</p> <p>SCAW interview 09-12/02/24</p> <p>SCAW Construction Environmental Management Plan, 13/12/2023 (SCAW CEMP)</p> <p>SCAW Ancillary Facility Checklist, 13/10/23 (SMF rock crusher)</p> <p>SCAW Ancillary Facility Checklist, 17/11/23 (Elizabeth Drive rock crusher)</p> <p>SCAW Ancillary Facility Checklist, 05/02/24 (Luddenham South rock crusher)</p> <p>SCAW Ancillary Facility Checklist, 05/02/24 (Warragamba laydown area)</p> <p>SCAW Minor ancillary facility checklist, Luddenham South, RCD-00001, 19/04/23</p> <p>SCAW Minor ancillary facility checklist, SMF office relocations, 28/06/23</p> <p>Exempt development checklist for compound at 19 Harris Street, 08/02/23</p> <p>FSM and Metro interview 13/02/24</p> <p>Sydney Metro Western Sydney Airport Advanced Enabling Works (FSM) Construction Environmental Management Plan (CEMP), Laing O'Rourke, 13/06/23</p> <p>FSM MAF checklist (Laydowns), approved by ER 17/11/23</p>	<p>Table 8-3 of Chapter 8 of the EIS identifies compounds to be established at all construction sites.</p> <p>The auditees are not aware of any compounds being established in areas not already approved under the EIS, as the EIS allows for compounds to be established anywhere within the construction footprint. That being said, compounds are included in the approved CEMPs and SEMP's or done under exempt development checklist or MAF checklists.</p>	C
Site Establishment Work							

A18	<p>Before establishment of any ancillary facility (excluding exempt or complying development, minor ancillary facilities determined by the ER to have minimal environmental impact and those established under Condition A22 and those considered in an approved CEMP), the Proponent must prepare a Site Establishment Management Plan which outlines the environmental management practices and procedures to be implemented for the establishment of the ancillary facilities. The Site Establishment Management Plan must be prepared in consultation with the Relevant Council(s) and relevant government agencies. The Site Establishment Management Plan must include:</p> <p>(a) a description of activities to be undertaken during establishment of the ancillary facility (including scheduling and duration of work to be undertaken at the site);</p> <p>(b) figures illustrating the proposed operational site layout and the location of the closest sensitive land use(s);</p> <p>(c) a program for ongoing analysis of the key environmental risks arising from the site establishment activities described in subsection (a) of this condition, including an initial risk assessment undertaken before the commencement of site establishment work;</p> <p>(d) details of how the site establishment activities described in subsection (a) of this condition will be carried out to:</p> <p style="padding-left: 20px;">(i) meet the performance outcomes stated in the documents listed in Condition A1; and</p> <p style="padding-left: 20px;">(ii) manage the risks identified in the risk analysis undertaken in subsection (c) of this condition; and</p> <p>(e) a program for monitoring the performance outcomes, including a program for construction noise monitoring, where appropriate or required.</p> <p>Nothing in this condition prevents the Proponent from preparing individual Site Establishment Management Plans for each ancillary facility.</p>	Applicable	Applicable	Applicable	<p>SBT interview 07-08/02/24</p> <p>Construction Environment Management Plan, SBT, CPBG, 29/09/22 (SBT CEMP)</p> <p>Preparatory Construction Environment Management Plan, SBT, CPBG, 13/04/2022 (SBT PCEMP)</p> <p>SCAW interview 09-12/02/24</p> <p>SCAW Construction Environmental Management Plan, 13/12/2023 (SCAW CEMP)</p> <p>SCAW Ancillary Facility Checklist, 13/10/23 (SMF rock crusher)</p> <p>SCAW Ancillary Facility Checklist, 17/11/23 (Elizabeth Drive rock crusher)</p> <p>SCAW Ancillary Facility Checklist, 05/02/24 (Luddenham South rock crusher)</p> <p>SCAW Ancillary Facility Checklist, 05/02/24 (Warragamba laydown area)</p> <p>SCAW Minor ancillary facility checklist, Luddenham South, RCD-00001, 19/04/23</p> <p>SCAW Minor ancillary facility checklist, SMF office relocations, 28/06/23</p> <p>FSM and Metro interview 13/02/24</p> <p>Sydney Metro Western Sydney Airport Advanced Enabling Works (FSM) Construction Environmental Management Plan (CEMP), Laing O'Rourke, 13/06/23</p> <p>FSM MAF checklist (Laydowns), approved by ER 17/11/23</p> <p>Site inspection 06, 12, 13/02/24</p>	<p>SBT, SCAW and FSM did not utilize an SEMP. Ancillary facilities (including establishment and any updates) are included in the relevant CEMP or MAF checklists.</p>	NT
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A19	With the exception of a Site Establishment Management Plan expressly nominated by the Planning Secretary to be endorsed by the ER, all Site Establishment Management Plans must be submitted to the Planning Secretary for approval one (1) month before the establishment of any ancillary facilities	Applicable	Applicable	Applicable	<p>SBT interview 07-08/02/24</p> <p>Construction Environment Management Plan, SBT, CPBG, 29/09/22 (SBT CEMP)</p> <p>Preparatory Construction Environment Management Plan, SBT, CPBG, 13/04/2022 (SBT PCEMP)</p> <p>SCAW interview 09-12/02/24</p> <p>SCAW Construction Environmental Management Plan, 13/12/2023 (SCAW CEMP)</p> <p>SCAW Ancillary Facility Checklist, 13/10/23 (SMF rock crusher)</p> <p>SCAW Ancillary Facility Checklist, 17/11/23 (Elizabeth Drive rock crusher)</p> <p>SCAW Ancillary Facility Checklist, 05/02/24 (Luddenham South rock crusher)</p> <p>SCAW Ancillary Facility Checklist, 05/02/24 (Warragamba laydown area)</p> <p>SCAW Minor ancillary facility checklist, Luddenham South, RCD-00001, 19/04/23</p> <p>SCAW Minor ancillary facility checklist, SMF office relocations, 28/06/23</p> <p>FSM and Metro interview 13/02/24</p> <p>Sydney Metro Western Sydney Airport Advanced Enabling Works (FSM) Construction Environmental Management Plan (CEMP), Laing O'Rourke, 13/06/23</p> <p>FSM MAF checklist (Laydowns), approved by ER 17/11/23</p> <p>Site inspection 06, 12, 13/02/24</p>	SBT, SCAW and FSM did not utilize an SEMP. Ancillary facilities (including establishment and any updates) are included in the relevant CEMP or MAF checklists.	NT
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A20	<p>A Site Establishment Management Plan expressly nominated by the Planning Secretary to be endorsed by the ER must be submitted to the ER for endorsement one (1) month before the establishment of that ancillary facility or as otherwise agreed with the ER.</p>	Applicable	Applicable	Applicable	<p>SBT interview 07-08/02/24</p> <p>Construction Environment Management Plan, SBT, CPBG, 29/09/22 (SBT CEMP)</p> <p>Preparatory Construction Environment Management Plan, SBT, CPBG, 13/04/2022 (SBT PCEMP)</p> <p>SCAW interview 09-12/02/24</p> <p>SCAW Construction Environmental Management Plan, 13/12/2023 (SCAW CEMP)</p> <p>SCAW Ancillary Facility Checklist, 13/10/23 (SMF rock crusher)</p> <p>SCAW Ancillary Facility Checklist, 17/11/23 (Elizabeth Drive rock crusher)</p> <p>SCAW Ancillary Facility Checklist, 05/02/24 (Luddenham South rock crusher)</p> <p>SCAW Ancillary Facility Checklist, 05/02/24 (Warragamba laydown area)</p> <p>SCAW Minor ancillary facility checklist, Luddenham South, RCD-00001, 19/04/23</p> <p>SCAW Minor ancillary facility checklist, SMF office relocations, 28/06/23</p> <p>FSM and Metro interview 13/02/24</p> <p>Sydney Metro Western Sydney Airport Advanced Enabling Works (FSM) Construction Environmental Management Plan (CEMP), Laing O'Rourke, 13/06/23</p> <p>FSM MAF checklist (Laydowns), approved by ER 17/11/23</p> <p>Site inspection 06, 12, 13/02/24</p>	<p>SBT, SCAW and FSM did not utilize an SEMP. Ancillary facilities (including establishment and any updates) are included in the relevant CEMP or MAF checklists.</p>	NT
A21	<p>The use of ancillary facility for construction must not commence until the CEMP required by Condition C1 relevant CEMP Sub-plans required by Condition C5 and relevant Construction Monitoring Programs required by Condition C13 have been approved by the Planning Secretary or endorsed by the ER (whichever is applicable).</p> <p>Note: This condition does not apply to Condition A22 or where the use of an ancillary facility is Low Impact Work or for Low Impact Work.</p>	Applicable	Applicable	Applicable	<p>Refer to evidence sighted in C1 regarding approval of the CEMPs, Sub-plans and Monitoring Programs.</p> <p>Email Metro to DPHI, 09/08/22 (notification of commencement of SCAW preparatory construction)</p> <p>Emails Metro to Penrith and Liverpool Councils, 09/08/22 (notification of commencement of SCAW preparatory construction)</p> <p>Portal lodgement, 17/10/22 (notification of commencement of SCAW main construction)</p> <p>Letter Metro to DPHI, 14/10/22 (notification of commencement of SCAW main construction)</p> <p>Email Metro to Penrith and Liverpool Councils, 18/10/22 (notification of commencement of SCAW main construction)</p> <p>Emails Metro to Penrith and Liverpool Councils, 30/09/22 (notification of SBT Main Construction)</p> <p>Letter Metro to DPHI, 30/09/22 (notification of SBT Main Construction)</p> <p>Email DPHI to Metro, 04/10/22 (acknowledgment of notification of commencement of SBT main construction)</p> <p>Letter Sydney Metro to DPHI and post approval portal lodgement record, 19/05/23 (notification of AEW FSM to DPHI)</p> <p>Emails x 2 Sydney Metro to Liverpool Council and Penrith Council, 19/05/23 (notification of AEW FSM to Council)</p>	<p>SBT, SCAW and FSM did not utilize an SEMP. Ancillary facilities (including establishment and any updates) are included in the relevant CEMP or MAF checklists.</p> <p>No new phases of construction commenced in the audit period. Refer to previous audit reports for details on commencement.</p>	NT

A22	<p>Lunch sheds, office sheds, portable toilet facilities and the like, can be established and used where they have been assessed in the documents listed in Condition A1 or satisfy the following criteria:</p> <p>(a) are located within or adjacent to the Construction Boundary; and</p> <p>(b) have been assessed by the ER to have –</p> <p>(i) minimal amenity impacts to surrounding residences and businesses, after consideration of matters such as compliance with the ICNG, traffic and access impacts, dust and odour impacts, and visual (including light spill) impacts, and</p> <p>(ii) minimal environmental impact with respect to waste management and flooding, and</p> <p>(iii) no impacts on biodiversity, soil and water, and Heritage items beyond those already approved under other terms of this approval.</p>	Applicable	Applicable	Applicable	<p>Site inspection 06, 12, 13/02/24</p> <p>SBT interview 07-08/02/24</p> <p>SCAW interview 09-12/02/24</p> <p>SCAW Ancillary Facility Checklist, 13/10/23 (SMF rock crusher)</p> <p>SCAW Ancillary Facility Checklist, 17/11/23 (Elizabeth Drive rock crusher)</p> <p>SCAW Ancillary Facility Checklist, 05/02/24 (Luddenham South rock crusher)</p> <p>SCAW Ancillary Facility Checklist, 05/02/24 (Warragamba laydown area)</p> <p>SCAW Minor ancillary facility checklist, Luddenham South, RCD-00001, 19/04/23</p> <p>SCAW Minor ancillary facility checklist, SMF office relocations, 28/06/23</p> <p>AEW and Metro interview 13/02/24</p> <p>Sydney Metro Western Sydney Airport Advanced Enabling Works (FSM) Construction Environmental Management Plan (CEMP), Laing O'Rourke, 13/06/23</p> <p>FSM MAF checklist (Laydowns), approved by ER 17/11/23</p>	<p>SBT have not established any MAFs.</p> <p>SCAW has several MAFs in operation, two of which satisfy the requirements of A17 and one that satisfies requirements of A22. All were authorized prior to establishment and operation.</p> <p>SMF has implemented one MAF to include 5 laydown areas adjacent to the rail corridor. The ER endorsed the checklist for the Laydown Areas Ancillary Facilities 17/11/2023.</p> <p>FSM Observation: It is the Auditors view that FSM Minor Ancillary Facilities (MAF) 3 and 5 do not meet the definition of the MAF for two reasons.</p> <ul style="list-style-type: none"> MAFs 3 and 5 are within the existing T1 rail corridor and within a lot that adjoins the Construction Boundary, but are located 129m and 400m from the Construction Boundary respectively (not, in the Auditor's view to be 'adjacent' as required by A22(a)). The noise assessment associated with the MAFs predicted worst case noise impacts of up to 19dB(A) above the night time Rated Background Level (not, in the Auditor's view to be 'minimal amenity impact' after consideration of compliance with the ICNG as required by A22(b)(i)). <p>However, the Auditor acknowledges the following:</p> <ul style="list-style-type: none"> The MAF application identifies processes / mitigation measures that comply with the ICNG. Noise monitoring results provided by the auditee show worst case noise below the predicted worst case impacts. The Department approved the heavy vehicle access to the two MAFs (during track possessions) in accordance with E105; Sydney Trains are conducting works along the rail corridor during possessions in addition to the FSM works (Sydney Trains are beyond the scope of this audit); and there have been no complaints regarding FSM works during the audit period. 	C
Compliance							
A23	Boundary screening must be erected around ancillary facilities that are adjacent to sensitive land use(s) for the duration that the ancillary facility is in use unless otherwise agreed with relevant affected residents, business operators or landowners.	Applicable	Applicable	Applicable	Site inspection 06, 12, 13/02/24	Boundary screening was observed around SBT and FSM compounds. There are no sensitive land uses surrounding the SCAW site. Refer to E62 regarding the standard of the boundary screening.	C
A24	Boundary screening required under Condition A23 must minimise visual impacts on adjacent sensitive land use(s)	Applicable	Applicable	Applicable	Site inspection 06, 12, 13/02/24	Boundary screening was observed around SBT and FSM compounds which minimises the visual impact of construction activities to some degree. There are no sensitive land uses surrounding the SCAW site. Refer to E62 regarding the standard of the boundary screening.	C
Independent Appointments							

A25	All Independent Appointments required by the terms of this approval must have regard to the Department's guideline Seeking approval from the Department for the appointment of independent experts (DPIE, 2020) and hold current membership of a relevant professional body, unless otherwise agreed by the Planning Secretary	Applicable	Applicable	Applicable	<p>Letter DPHI to Sydney Metro, 17/08/21 (approval of Project ERs)</p> <p>Letter DPHI to Sydney Metro, 17/03/22 (approval of inclusion of Alex Gale to ER team)</p> <p>Letter DPHI to Sydney Metro, 24/03/23 (approval of inclusion of Brett McLennan to ER team)</p> <p>Letter DPHI to Metro, 19/12/23 (approval of WolfPeak Audit Team)</p> <p>Letter Sydney Metro to Stephen Lancken, 14/12/21 (engagement of complaints mediator)</p> <p>Letter DPHI to Sydney Metro, 13/01/22 (approval of extension to timeframe to establish Design Review Panel under E36) up to 23/03/22</p> <p>Government Architects New South Wales Terms of Reference for the SM Design Review Pane; for WSA and West Line 9/03/22</p> <p>Letter DPHI to Sydney Metro, 01/03/23 (DPHI approval of Excavation Director Lian Ramage)</p> <p>Letter DPHI to Sydney Metro, 17/06/22 (DPHI approval of the SBT St Marys Excavation Directors – Dr Ian Stuart and Jenny Winnett)</p> <p>Letter DPHI to Sydney Metro, 04/07/23 (DPHI approval of Sophie Jennings as Excavation Director for FSM).</p> <p>Letter DPHI to Metro, 30/06/23 (DPHI approval of IPIAP)</p>	The engagement of Independent Appointments appears to have given regard to the Department's guideline. The auditees are not aware of any formal directions issued by the Department regarding this requirement.	C
A26	<p>The Planning Secretary may at any time commission an audit of how an Independent Appointment has exercised their functions. The Proponent must:</p> <p>(a) facilitate and assist the Planning Secretary in any such audit; and</p> <p>(b) make it a term of their engagement of an Independent Appointment that the Independent Appointment facilitate and assist the Planning Secretary in any such audit.</p>	Applicable	Applicable	Applicable	Metro interview 07-13/02/24	Metro or its contractors are not aware of any such direction.	NT
A27	<p>Upon completion of an audit under Conditions A26 above, the Planning Secretary may withdraw its approval of an Independent Appointment should they consider the Independent Appointment has not exercised their functions in accordance with this approval.</p> <p>Note: Conditions A26 and A27 apply to all Independent Appointments including the ER and Independent Auditor</p>	Applicable	Applicable	Applicable	Metro interview 07-13/02/24	Metro or its contractors are not aware of any such direction.	NT
Environment Representative							
A28	Work must not commence until an Environmental Representative (ER) has been nominated by the Proponent and approved by the Planning Secretary.	Applicable	Applicable	Applicable	<p>Letter DPHI to Sydney Metro, 17/08/21 (approval of Project ERs)</p> <p>Letter DPHI to Sydney Metro, 17/03/22 (approval of inclusion of Alex Gale to ER team)</p> <p>Letter DPHI to Sydney Metro, 24/03/23 (approval of inclusion of Brett McLennan to ER team)</p>	The ERs (x 4) were approved by the Department prior to the works for which they are responsible for, and prior to the current audit period.	C
A29	The proposed ER must be a suitably qualified and experienced person(s) who was not involved in the preparation of the documents listed in Condition A1 and is independent from the design and construction personnel for the CSSI and those involved in the delivery of it.	Applicable	Applicable	Applicable	<p>Letter DPHI to Sydney Metro, 17/08/21 (approval of Project ERs)</p> <p>Letter DPHI to Sydney Metro, 17/03/22 (approval of inclusion of Alex Gale to ER team)</p> <p>Letter DPHI to Sydney Metro, 24/03/23 (approval of inclusion of Brett McLennan to ER team)</p>	The ERs (x 4) were considered by the Department to be suitably qualified, experienced and independent of the project. The ERs were approved by the Department prior to the works for which they are responsible for, and prior to the current audit period.	C

A30	The Proponent may engage more than one ER for the CSSI, in which case the functions to be exercised by an ER under the terms of this approval may be carried out by any ER that is approved by the Planning Secretary for the purposes of the SSI.	Applicable	Applicable	Applicable	<p>Letter DPHI to Sydney Metro, 17/08/21 (approval of Project ERs)</p> <p>Letter DPHI to Sydney Metro, 17/03/22 (approval of inclusion of Alex Gale to ER team)</p> <p>Letter DPHI to Sydney Metro, 24/03/23 (approval of inclusion of Brett McLennan to ER team)</p>	<p>The ERs (x 4) have been engaged on the Project. Both were considered by the Department to be suitably qualified, experienced and independent of the project. The ERs were approved by the Department prior to the works for which they are responsible for, and prior to the current audit period.</p> <p>Refer to A32 with respect to carrying out their functions during the audit period.</p>	C
A31	The ER must meet the requirements of the Department's Environmental Representative Protocol (DPHI, 2018).	Applicable	Applicable	Applicable	<p>Letter DPHI to Sydney Metro, 17/08/21 (approval of Project ERs)</p> <p>Letter DPHI to Sydney Metro, 17/03/22 (approval of inclusion of Alex Gale to ER team)</p> <p>Letter DPHI to Sydney Metro, 24/03/23 (approval of inclusion of Brett McLennan to ER team)</p>	<p>The ERs (x 4) were considered by the Department to be suitably qualified, experienced and independent of the Project. The ERs were approved by the Department prior to the works for which they are responsible for, and prior to the current audit period.</p>	C
A32	<p>For the duration of the work until the commencement of operation, or as agreed with the Planning Secretary, the approved ER must:</p> <p>(a) receive and respond to communication from the Planning Secretary in relation to the environmental performance of the CSSI;</p> <p>(b) consider and inform the Planning Secretary on matters specified in the terms of this approval;</p> <p>(c) consider and recommend to the Proponent any improvements that may be made to work practices to avoid or minimise adverse impact to the environment and to the community;</p> <p>(d) review documents identified in Conditions A10, A18, A20, C1, C5 and C13 and any other documents that are identified by the Planning Secretary, to ensure they are consistent with requirements in or under this approval and if so:</p> <p>(i) endorse the documents before submission of such documents to the Planning Secretary (if those documents are required to be approved by the Planning Secretary); or</p> <p>(ii) endorse the documents before the implementation of such documents (if those documents are only required to be submitted to the Planning Secretary / Department for information or are not required to be submitted to the Planning Secretary / Department);</p> <p>(iii) provide a written statement to the Planning Secretary advising the documents have been endorsed.</p> <p>(e) for documents that are required to be submitted to the Planning Secretary / Department for information under (d)(ii) above, the documents must be submitted as soon as practicable to the Planning Secretary / Department after endorsement by the ER, unless otherwise agreed by the Planning Secretary;</p> <p>(f) regularly monitor the implementation of the documents listed in Conditions A10, A18, A20, C1, C5 and C13 to ensure implementation is being carried out in accordance with the document and the terms of this approval;</p> <p>(g) as may be requested by the Planning Secretary, help plan or attend audits of the development commissioned by the Department including scoping audits, programming audits, briefings and site visits, but not independent environmental audits required under Condition A36;</p> <p>(h) as may be requested by the Planning Secretary, assist the Department in the resolution of community complaints received directly by the Department;</p> <p>(i) consider or assess the impacts of minor ancillary facilities as required by Condition A22; and</p> <p>(j) consider any minor amendments to be made to the Site Establishment Management Plan, CEMP, CEMP Sub-plans and construction monitoring programs without increasing impacts to nearby sensitive land use(s), and are consistent with the terms of this approval and the Site Establishment Management Plan, CEMP, CEMP Sub-plans and construction monitoring programs approved by the Planning Secretary and, if satisfied such amendment is necessary, approve the amendment. This does not include any modifications to the terms of this approval;</p> <p>(k) prepare and submit to the Planning Secretary and other relevant regulatory agencies, for information, an Environmental Representative Monthly Report providing the information set out in the Environmental Representative Protocol under the heading "Environmental Representative Monthly Reports". The Environmental Representative Monthly Report must be submitted within seven (7) days following the end of each month for the duration of the ER's engagement for the CSSI or as otherwise agreed by the Planning Secretary; and</p> <p>(l) assess the impacts of activities as required by the Low Impact Work definition.</p> <p>With respect to (d) above, the ER is not required to endorse the specialist content in documents requiring specialist review and / or endorsement.</p>	Applicable	Applicable	Applicable	<p>ER Monthly Reports for August 2023 – January 2024</p> <p>Letter DPHI to Sydney Metro, 19/12/23 (DPHI extension of December 2023 ER Monthly Report (and all future December reports).</p> <p>DPHI post approval lodgement records, 07/09/2023, 06/10/2023, 07/11/2023, 07/12/2023 12/01/2024 (lodgement of ER Monthly Reports)</p> <p>Letters HBI to Sydney Metro, 27/02/24, (ER endorsement of update to SBT NVMP and FFMP)</p> <p>Letter HBI to Sydney Metro, 19/12/23 (ER endorsement of updated SCAW CEMP, AQMP, NVMP, SWMP)</p> <p>SCAW Ancillary Facility Checklist, 13/10/23 (SMF rock crusher)</p> <p>SCAW Ancillary Facility Checklist, 17/11/23 (Elizabeth Drive rock crusher)</p> <p>SCAW Ancillary Facility Checklist, 05/02/24 (Luddenham South rock crusher)</p> <p>SCAW Ancillary Facility Checklist, 05/02/24 (Warragamba laydown area)</p> <p>SCAW Minor ancillary facility checklist, Luddenham South, RCD-00001, 19/04/23</p> <p>SCAW Minor ancillary facility checklist, SMF office relocations, 28/06/23</p> <p>FSM MAF checklist (Laydowns), approved by ER 17/11/23</p> <p>Complaints Mediator Final Report for receiver at Samuel Marsden Drive, 18/12/23</p> <p>DPHI post approval portal lodgement 19/12/23 (Final Mediation Report for receiver at Samuel Marsden Drive)</p>	<p>Refer to Independent Audit No. 3 and 4 Audit Reports for endorsements of documents that occurred prior to the current audit period.</p> <p>Evidence was provided showing the development and review process by the ER to ensure that the documents are consistent with the conditions and that the necessary endorsements/approvals have been completed.</p> <p>Ancillary facilities have been endorsed / approved prior to their establishment.</p> <p>The ER Monthly Report provide evidence of the monitoring of the works, and is consistent with the ER Protocol. The Reports summarise the inspection reports. The inspection reports identify relevant matters (attendees, activities, weather, observations and actions, along with the severity of deficiency and the priority of the actions). All Monthly Reports were submitted within 7 days of the end of the month, with the exception of submission of the December 2023 report which was permitted by DPHI to be submitted by 14/01/23 and was done so. The ER identified a range of deficiencies in site controls, which were addressed by the project teams in a timely and appropriate manner. The Reports do not indicate any material or systematic failures.</p> <p>The Auditor is not aware of the Department requiring the ER to assist with audits.</p> <p>The Auditor is not aware of the Department requiring the ER to assist with complaints. That being said, the ER was involved in the escalation of 1 x complaint to the Complaints Mediator as per Overarching Community Communications Strategy, the Construction Complaints Management System; and conditions B2, B8, B9 of this Approval. This commenced during the fourth audit period and proceeded into the fifth audit period.</p>	C

A33	<p>The Proponent must provide the ER with all documentation requested by the ER in order for the ER to perform their functions specified in Condition A32 (including preparation of the ER monthly report), as well as:</p> <p>(a) the Complaints Register (to be provided on a weekly basis or as requested); and</p> <p>(b) a copy of any assessment carried out by the Proponent of whether proposed work is consistent with the approval (which must be provided to the ER before the commencement of the subject work).</p>	Applicable	Applicable	Applicable	<p>Email Sydney Metro to HBI (and others), (weekly issue of complaints register)</p> <p>Consistency Assessment, SCAW, Luddenham South Basin Outlet Works, 23/01/24</p> <p>Email (teambinder), Metro to ER (HBI), 23/01/24 (issue of Consistency Assessment, Luddenham South Basin Outlet Works to ER).</p> <p>Environmental Review, SBT, Claremont Meadows Tunnelling Support Activities, 09/02/24</p> <p>Environmental Review, SBT, Aerotropolis Overland Pipeline for Water Treatment Plant Discharges, 04/04/23</p>	<p>The ER receives the complaints register weekly.</p> <p>SBT has not determined any consistency assessments during the audit period.</p> <p>1x SCAW Consistency Assessment has been determined in relation to the Luddenham South Basin Outlet Works. The CA was issued to the ER prior to the commencement of the relevant works, which commenced 08/02/24.</p>	C
Notification of Commencement							
A34	<p>The Department, and relevant Councils must be notified in writing of the date of commencement of construction at least seven (7) days before the commencement of construction.</p>	Applicable	Applicable	Applicable	<p>Emails Metro to Penrith and Liverpool Councils, 30/09/22 (notification of SBT Main Construction)</p> <p>Letter Metro to DPHI, 30/09/22 (notification of SBT Main Construction)</p> <p>Email DPHI to Metro, 04/10/22 (acknowledgment of notification of commencement of SBT main construction)</p> <p>Email Metro to DPHI, 09/08/22 (notification of commencement of SCAW preparatory construction)</p> <p>Emails Metro to Penrith and Liverpool Councils, 09/08/22 (notification of commencement of SCAW preparatory construction)</p> <p>Portal lodgement, 17/10/22 (notification of commencement of SCAW main construction)</p> <p>Letter Metro to DPHI, 14/10/22 (notification of commencement of SCAW main construction)</p> <p>Email Metro to Penrith and Liverpool Councils, 18/10/22 (notification of commencement of SCAW main construction)</p> <p>Letter Sydney Metro to DPHI and post approval portal lodgement record, 19/05/23 (notification of AEW FSM to DPHI)</p> <p>Emails x 2 Sydney Metro to Liverpool Council and Penrith Council, 19/05/23 (notification of AEW FSM to Council)</p> <p>Letter Sydney Metro to DPHI and post approval lodgement record, 09/06/23 (notification of AEW Water to DPHI)</p> <p>Emails x 2 Sydney Metro to Liverpool Council and Penrith Council, 09/06/23 (notification of AEW Water to Council)</p>	<p>Notification of all stages occurred prior to the relevant works commencing and prior to the current audit period.</p>	C

A35	If construction of the CSSI is to be staged, the Department, Liverpool City Council and Penrith City Council must be notified in writing at least seven (7) days before the commencement of each stage, of the date of the commencement of that stage.	Applicable	Applicable	Applicable	<p>Emails Metro to Penrith and Liverpool Councils, 30/09/22 (notification of SBT Main Construction)</p> <p>Letter Metro to DPHI, 30/09/22 (notification of SBT Main Construction)</p> <p>Email DPHI to Metro, 04/10/22 (acknowledgment of notification of commencement of SBT main construction)</p> <p>Email Metro to DPHI, 09/08/22 (notification of commencement of SCAW preparatory construction)</p> <p>Emails Metro to Penrith and Liverpool Councils, 09/08/22 (notification of commencement of SCAW preparatory construction)</p> <p>Portal lodgement, 17/10/22 (notification of commencement of SCAW main construction)</p> <p>Letter Metro to DPHI, 14/10/22 (notification of commencement of SCAW main construction)</p> <p>Email Metro to Penrith and Liverpool Councils, 18/10/22 (notification of commencement of SCAW main construction)</p> <p>Letter Sydney Metro to DPHI and post approval portal lodgement record, 19/05/23 (notification of AEW FSM to DPHI)</p> <p>Emails x 2 Sydney Metro to Liverpool Council and Penrith Council, 19/05/23 (notification of AEW FSM to Council)</p> <p>Letter Sydney Metro to DPHI and post approval lodgement record, 09/06/23 (notification of AEW Water to DPHI)</p> <p>Emails x 2 Sydney Metro to Liverpool Council and Penrith Council, 09/06/23 (notification of AEW Water to Council)</p>	Notification of all stages occurred prior to the relevant works commencing and prior to the current audit period.	C
Independent Environmental Audit							
A36	Independent Audits of the CSSI must be conducted and carried out in accordance with the Independent Audit Post Approval Requirements (DPIE, 2020).	Applicable	Applicable	Applicable	<p>Independent Audit No. 4 – Audit Report, WolfPeak, 25/09/23</p> <p>Letter Metro to DPHI, 29/09/23 (Audit Report 4 proponent response)</p> <p>DPHI post approval portal lodgement, 29/09/23 (submission of fourth Audit Report and auditee response).</p> <p>https://www.sydneymetro.info/sites/default/files/2023-10/Audit_report4_0.pdf</p> <p>https://www.sydneymetro.info/sites/default/files/2023-10/Sydney%20Metro%20WSA%20Independent%20Audit%20No.4%20-%20Response%20to%20findings.pdf</p> <p>Email WolfPeak to DPHI, 07/12/23 (consultation on audit scope for Independent Audit No. 5).</p> <p>Email DPHI to WolfPeak, 20/12/23 (DPHI email on consultation and auditor approval)</p>	<p>The fourth Independent Audit was conducted in accordance with the IAPAR and submitted to the Department within the required timeframes. To the Auditor's knowledge no feedback on the fourth Audit Report was provided by the Department.</p> <p>This (fifth) Independent Audit has been conducted in accordance with the IAPAR.</p>	C
A37	Notwithstanding Condition A36 , the Proponent may prepare an audit program to outline the scope and timing of each independent audit that will be undertaken during construction. If prepared, the audit program must be developed in consultation with, and approved by, the Planning Secretary prior to commencement of the first audit and implemented throughout construction	Applicable	Applicable	Applicable	-	No Audit Program has been prepared. The audits have proceeded under the IAPAR as per A36.	NT
A38	Proposed independent auditors must be approved by the Planning Secretary before the commencement of an Independent Audit	Applicable	Applicable	Applicable	Letter DPHI to Sydney Metro, 19/12/23 (approval of WolfPeak Audit Team)	The WolfPeak audit team was approved prior to commencement of the fifth Independent Audit, excluding SSTOM (carried out by a separate audit team).	C
A39	The Planning Secretary may require the initial and subsequent Independent Audits to be undertaken at different times to those specified in the Independent Audit Post Approval Requirements (DPIE, 2020), upon giving at least four (4) weeks' notice (or timing as stipulated by the Planning Secretary) to the Proponent of the date upon which the audit must be commenced.	Applicable	Applicable	Applicable	<p>Email WolfPeak to DPHI, 07/12/23 (consultation on audit scope for Independent Audit No. 5).</p> <p>Email DPHI to WolfPeak, 20/12/23 (DPHI email on consultation and auditor approval)</p>	The auditees and the auditor are not aware of any change in timing. The Department did not raise any changes during consultation on this fifth audit.	C

A40	<p>Independent Audit Reports and the Proponent's response to audit findings must be submitted to the Planning Secretary within two (2) months of undertaking the independent audit site inspection as outlined in the Independent Audit Post Approval Requirements (DPIE, 2020), unless otherwise agreed by the Planning Secretary.</p>	Applicable	Applicable	Applicable	<p>Independent Audit No. 4 – Audit Report, WolfPeak, 25/09/23</p> <p>Letter Metro to DPHI, 29/09/23 (Audit Report 4 proponent response)</p> <p>DPHI post approval portal lodgement, 29/09/23 (submission of third Audit Report and auditee response).</p>	<p>The fourth Independent Audit was conducted in accordance with the IAPAR and submitted to the Department within the required timeframes. To the Auditor's knowledge no feedback on the fourth Audit Report was provided by the Department.</p>	C
Incident And Non-Compliance Notification And Reporting							
A41	<p>The Planning Secretary must be notified via phone or in writing via the Major Projects website immediately after the Proponent becomes aware of an incident. Any notification via phone must be followed up by a notification in writing via the Major Projects website within 24 hours of the initial phone call.</p> <p>The written notification must identify the CSSI (including the application number and the name of the CSSI if it has one) and set out the location and general nature of the incident</p>	Applicable	Applicable	Applicable	<p>Incident register current to 27/02/24 (Project wide) and incident reports</p> <p>DPHI post approval portal lodgement 05/08/23 (precautionary notification of construction water leaving site on 04/08/23).</p> <p>Email Sydney Metro to DPHI, 15/08/23 (notice to DPHI regarding the incident on 04/08/23 not meeting threshold for notification).</p>	<p>The incident registers sighted are current and identify a range of minor incidents associated with leaks and spills and the like on SBT, SCAW and AEW packages. None of the incidents are considered by the auditees to be notifiable under the terms of the approval. According to the incident register and associated reports, there does not appear to have been risk of material harm.</p> <p>Note that an incident was notified by SBT to the Department on 05/08/23 (prior to the current audit period) as a precaution only. Tunnel water was discharged from site on 04/08/23. It was later determined that the incident was not notifiable and on this basis SBT revoked the notification. The Auditor is not aware of any further action from the Department in relation to this matter.</p>	NT
A42	<p>Any incident within or potentially affecting the Controlled Areas of the WaterNSW Pipelines corridor must also be reported to WaterNSW on the WaterNSW 24-hour Incident Notification Number 1800 061 069.</p>	Not Applicable	Applicable	Applicable	<p>Incident register current to 27/02/24 (Project wide) and incident reports</p>	<p>The incident registers sighted are current and identify a range of minor incidents associated with leaks and spills and the like on SBT, SCAW and AEW packages. None of the incidents are considered by the auditees to be notifiable under the terms of the approval.</p> <p>None were within the Controlled Areas of the Water NSW pipelines.</p>	NT
A43	<p>Subsequent notification must be given and reports submitted in accordance with the requirements set out in Appendix A.</p>	Applicable	Applicable	Applicable	<p>Incident register current to 27/02/24 (Project wide) and incident reports</p>	<p>The incident registers sighted are current and identify a range of minor incidents associated with leaks and spills and the like on SBT, SCAW and AEW packages. None of the incidents are considered by the auditees to be notifiable under the terms of the approval.</p>	NT
A44	<p>The Planning Secretary must be notified in writing via the Major Projects website within seven (7) days after the Proponent becomes aware of any non-compliance with the terms of this approval.</p>	Applicable	Applicable	Applicable	<p>ER Monthly Reports for August 2023 – January 2024</p> <p>Sydney Metro non-compliance tracker current to 27/02/24</p> <p>SBT non-compliance report against A2, 01/12/23 (truck queuing being non-complaint with A2) and DPHI post approval portal lodgement, 04/12/23 (notification to DPHI)</p> <p>SCAW non-compliance report for non-compliance with C22 (as identified in fourth audit) 16/08/23 (finalized on 24/08/23) and DPHI post approval portal lodgement, 24/08/23)</p> <p>SCAW non-compliance report for non-compliance with C22 (reporting of environmental data to ER, 29/08/23).</p> <p>Non-compliance Report and DPHI post approval portal lodgement 24/01/24 (reporting of non-compliance for E84/E85 as Condition surveys for AEW TBI and SPO were not distributed to the relevant property owners in the time frames stipulate).</p>	<p>The evidence indicates that known non-compliances from were notified in accordance with A44/A45.</p> <p>SBT self-reported a non-compliance against A2 for truck queuing on Lansdowne Drive on 26/10/23. Initially the ER and Sydney Metro considered there to not be a breach, however a non-compliance was raised against A2 on 04/12/23 following discussion with DPHI. The Auditor is not aware of any further action from DPHI on the matter.</p> <p>SCAW self-reported a non-compliance against C22 for lateness of submission of the surface water monitoring report (as identified in the fourth audit period).</p> <p>In addition, for SCAW, the ER raised a non-conformance against the reporting of environmental monitoring to the ER (as described in earlier versions of the Monitoring Programs). The ER, Sydney Metro and CPBUI were of the view that this did not constitute a non-compliance as the intent of the requirement was being met, through reporting in the Monthly Reports and provision of the data to the ER at the fortnightly meeting. The Auditor has reviewed both and is of the view that CPBUI was providing the information consistent with the commitment from the Monitoring Programs. That being said, CPBUI has updated the Monitoring Programs and the reporting approach to the ER.</p> <p>At the fourth Independent Audit, it was observed that evidence indicated that post-construction survey reports have not been issued to relevant landowners subject to AEW pre-construction condition surveys (in accordance with E84/E85). Following the finalization of the fourth Audit Report, Sydney Metro reviewed their position and subsequently reported the breach as a non-compliance.</p>	C

A45	<p>A non-compliance notification must identify the CSSI (including the application number for it), set out the condition of approval that the development is non-compliant with, the way in which it does not comply and the reasons for the non-compliance (if known) and what actions have been, or will be undertaken to address the non-compliance.</p> <p>Note: A non-compliance which has been notified as an incident does not need to also be notified as a non-compliance.</p>	Applicable	Applicable	Applicable	<p>ER Monthly Reports for August 2023 – January 2024</p> <p>Sydney Metro non-compliance tracker current to 27/02/24</p> <p>SBT non-compliance report against A2, 01/12/23 (truck queuing being non-complaint with A2) and DPHI post approval portal lodgement, 04/12/23 (notification to DPHI)</p> <p>SCAW non-compliance report for non-compliance with C22 (as identified in fourth audit) 16/08/23 (finalized on 24/08/23) and DPHI post approval portal lodgement, 24/08/23)</p> <p>SCAW non-compliance report for non-compliance with C22 (reporting of environmental data to ER, 29/08/23).</p> <p>Non-compliance Report and DPHI post approval portal lodgement 24/01/24 (reporting of non-compliance for E84/E85 as Condition surveys for AEW TBI and SPO were not distributed to the relevant property owners in the time frames stipulate).</p>	<p>The non-compliances identified by the auditees appear to have been reported to the Department in accordance with this condition.</p>	C
Identification of Workforce							
A46	<p>All Heavy Vehicles used for spoil haulage must be clearly marked on the sides and rear with the project name and application number to enable immediate identification by a person viewing the Heavy Vehicle standing 20 metres away</p>	Applicable	Applicable	Applicable	<p>Site inspection 06, 12, 13/02/24</p> <p>ER Monthly Reports for August 2023 – January 2024</p>	<p>The markings on spoil trucks were sighted on the SBT and SCAW inspection. No issues observed.</p> <p>SBT Observation: The ER noted in its Monthly Report for December 23 that some SBT spoil haulage trucks, reportedly from new haulage subcontractors, were observed to be missing Project markings consistent with A46. SBT was advised by the ER to review and refresh current Heavy Vehicle onboarding and management processes to ensure markings are fitted.</p> <p>This matter was not raised as a non-compliance by the ER or Project team at the time of the observation or in the ER Monthly Report. The Department was provided with the ER Monthly Report and have not, to the Auditor's knowledge, responded to the matter.</p> <p>The lack of Project markings on spoil haulage trucks was not raised again (or stated as being rectified) in the ER Monthly Report for January 24.</p>	C
A47	<p>The CSSI name, application number, telephone number, postal address and email address required under Condition B3 must be available on site boundary fencing / hoarding at each ancillary facility before the commencement of construction. This information must also be provided on the website required under Condition B11.</p>	Applicable	Applicable	Applicable	<p>https://www.sydneymetro.info/get-touch</p> <p>Site inspection 06, 12, 13/02/24</p>	<p>Sites across the Project were observed to have signage containing the required information.</p>	C
PART B – COMMUNITY INFORMATION AND REPORTING							
Community Information, Consultation and Involvement							

B1	<p>The Overarching Community Communication Strategy as provided in the documents listed in Condition A1, or updated Strategy must be implemented for the duration of the work. Should the Overarching Community Communication Strategy be updated, a copy must be provided to the Planning Secretary for information.</p>	Applicable	Applicable	Applicable	<p>Metro interview 01-13/02/24</p> <p>Overarching Community Communication Strategy, Sydney Metro, Rev 2.2, 07/04/21 (OCCS)</p> <p>Letter DPHI to Sydney Metro, 10/08/22 (acknowledgment of Rev 2.2 of the OCCS)</p> <p>https://www.sydneymetro.info/westernsydneyairportline</p> <p>https://www.sydneymetro.info/documents</p> <p>https://www.sydneymetro.info/news</p> <p>Sydney Metro LinkedIn and Facebook pages.</p> <p>Complaints register current to 29/02/24</p> <p>CICG Meeting Minutes and Presentations, Sep 23 – Feb 24</p> <p>Penrith City Council and Liverpool City Council Interface Meeting Minutes, Aug-Dec 23</p> <p>Sydney Metro Combined Community Notification Mock up (no date), shows proposed integrated approach for notifications.</p> <p>SBT interview 07-08/02/24</p> <p>SBT Community Communications Strategy, 20/05/22</p> <p>SBT Community Communications Strategy, Aerotropolis, 26/04/22</p> <p>SBT Community Communications Strategy, Bringelly, 26/04/22</p> <p>SBT Community Communications Strategy, St Marys, 21/06/22</p> <p>SBT Community Communications Strategy, Claremont Meadows, 03/06/22</p> <p>SBT Community Communications Strategy, Orchard Hills, 05/07/22</p> <p>Small Business Owners Engagement Plan, St Marys, 16/05/22</p> <p>https://www.sydneymetro.info/article/tbm-eileen-completes-first-historic-breakthrough-sydney-metro-western-sydney-airport</p> <p>https://www.sydneymetro.info/article/first-sydney-metro-project-use-specially-designed-tunnel-boring-machines</p> <p>https://www.sydneymetro.info/article/sydney-metro-western-sydney-airport-tunnelling-kicks</p> <p>https://www.youtube.com/watch?v=PyRS1rmditU</p> <p>https://www.planning.nsw.gov.au/plans-for-your-area/priority-growth-areas-and-precincts/independent-community-commissioner</p> <p>SBT consultation manager online module</p> <p>SBT consultation tracker (current 22/01/24)</p> <p>SBT Kent Road OOHW consultation Tracker CM Report (no date).</p> <p>SBT St Marys Communications Plan, St Marys TBM Removal, (no date)</p> <p>St Marys Small Business Voucher Program (no date)</p> <p>Email chain SBT and PCC, Jan-Feb 24 (communications around TBM removal).</p> <p>SCAW interview 09-12/02/24</p> <p>SCAW Community Communications Strategy, 24/11/22</p>	<p>Sydney Metro are the primary managers of all communications across the Project. The contractors consult with agencies other than the Department, support consultation with the Department, provide information for community consultation, relay complaints and participate in community engagement forums as advised by Sydney Metro.</p> <p>The OCCS resides on the website and all AEW fall into the OCCS, where as the main contract works fall out via their stand-alone Community Communications Strategies.</p> <p>The SBT and SCAW Community Communication Strategies include requirements to implement a complaints management system, project updates and notifications, have a complaints mediator, briefing sessions. The documents are consistent with the Overarching Community Communication Strategy. Involvement is at the bequest of Sydney Metro. According to the auditees there has not been issue with sharing of information or representation of contractors in Sydney Metro community engagement.</p> <p>Evidence was provided showing implementation of the Community Communications Strategy as follows:</p> <ul style="list-style-type: none"> • Project updates on the Sydney Metro website • Social media updates on Facebook and LinkedIn • Complaints register and use of Consultation Manager • Events such as those conducted at Twins Creek and the Hawkesbury Show • Engagement records with local Council • Communication Interface Coordination Group meeting information. <p>It is noted that despite SBT handing over St Marys to SSTOM engagement is continuing with small business and preparing for the TBM retrieval works scheduled to commence Q2 2024.</p> <p>Positive observation: The proposal to update project notifications to be project wide (to reduce duplication on notifications for each package) and the new format for giving a three month look ahead is good!!!</p>	C
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Complains Management System							
B2	A Complaints Management System must be prepared and implemented before the commencement of any work and maintained for the duration of construction and for a minimum for 12 months following completion of construction of the CSSI.	Applicable	Applicable	Applicable	<p>Sydney Metro Complaints Management System, 20/10/23 https://www.sydneymetro.info/sites/default/files/2023-11/west%20upload%202_1.pdf</p> <p>SBT consultation manager online module</p> <p>SCAW consultation manager online module</p> <p>Complaints register current to 29/02/24</p>	<p>Sydney Metro operates an overarching complaints register via the Consultation Manager platform. SBT and SCAW are also running Consultation Manager. The contractor complaints appear to be fed to Sydney Metro for consolidation.</p> <p>The data required under the OCCS and B4 has been captured.</p>	C
B3	<p>The following information must be available to facilitate community enquiries and manage complaints before the commencement of work and for 12 months following the completion of construction:</p> <p>(a) a 24- hour telephone number for the registration of complaints and enquiries about the CSSI;</p> <p>(b) a postal address to which written complaints and enquires may be sent;</p> <p>(c) an email address to which electronic complaints and enquiries may be transmitted; and</p> <p>(d) a mediation system for complaints unable to be resolved. This information must be accessible to all in the community regardless of age, ethnicity, disability or literacy level.</p>	Applicable	Applicable	Applicable	<p>Site inspection 06, 12, 13/02/24 https://www.sydneymetro.info/westernsydneyairportrtline</p> <p>https://www.sydneymetro.info/website-accessibility</p> <p>https://www.sydneymetro.info/get-touch</p> <p>https://www.sydneymetro.info/documents</p> <p>https://www.sydneymetro.info/how-to-make-a-complaint</p> <p>SBT Community Communications Strategy, 20/05/22 (and subordinate plans – refer B1)</p> <p>SCAW Community Communications Strategy, 24/11/22 (and subordinate plans – refer B1)</p>	<p>Project signage is on each compound fence line, identifying the contact details as required by this condition. The Project works notifications includes contact details as required by this condition. Works updates are directly mailed to community via Australia Post. Complaint mediation system is described in the OCCS and each of the Community Communications Strategies. The auditees advise that if a complaint cannot be resolved, and the ER (or the Director of Communications) recommends mediation, this is escalated. The website includes a statement about how complaints are managed and the availability of mediation if required.</p>	C
B4	<p>A Complaints Register must be maintained recording information on all complaints received about the CSSI during the carrying out of any work and for a minimum of 12 months following the completion of construction. The Complaints Register must record the:</p> <p>(a) number of complaints received;</p> <p>(b) date and time of the complaint;</p> <p>(c) number of people (in the household) affected in relation to a complaint, if relevant;</p> <p>(d) method by which the complaint was made;</p> <p>(e) any personal details of the complainant which were provided by the complainant or, if no such details were provided, a note to that effect;</p> <p>(f) issue of the complaint;</p> <p>(g) means by which the complaint was addressed and whether resolution was reached, with or without mediation; and</p> <p>(h) if no action was taken, the reason(s) why no action was taken.</p>	Applicable	Applicable	Applicable	<p>SBT consultation manager online module</p> <p>SCAW consultation manager online module</p> <p>Complaints register current to 29/02/24</p>	<p>Sydney Metro operates an overarching complaints register via the Consultation Manager platform. SBT and SCAW are also running Consultation Manager. The contractor complaints appear to be fed to Sydney Metro for consolidation.</p> <p>The data required under the OCCS and B4 has been captured.</p> <p>Of note is the application of avoidable/unavoidable classification of complaints. Sydney Metro Communications Team provide clarity on what is 'avoidable' or 'unavoidable' – in essence, if the Project is compliant, the works intended and the impact is within the terms of the approval a complaint is received, then the complaint is classified as 'unavoidable'.</p> <p>46 complaints were recorded on the complaints register, 38 relevant to SBT and 8 relevant to SCAW. None were recorded in relation to FSMs works. The most complaints were received about works at or proximal to the Orchard Hills site (27) and relating to soil and water (10).</p>	C

B5	<p>Complainants must be advised of the following information before, or as soon as practicable after, providing personal information:</p> <p>(a) the Complaints Register may be forwarded to government agencies, including the Department (Department of Planning Industry and Environment, 4 Parramatta Square, 12 Darcy Street, Parramatta NSW 2150), to allow them to undertake their regulatory duties;</p> <p>(b) by providing personal information, the complainant authorises the Proponent to provide that information to government agencies;</p> <p>(c) the supply of personal information by the complainant is voluntary; and</p> <p>(d) the complainant has the right to contact government agencies to access personal information held about them and to correct or amend that information (Collection Statement).</p> <p>The Collection Statement must be included on the Proponent or development website to make prospective complainants aware of their rights under the Privacy and Personal Information Protection Act 1998 (NSW). For any complaints made in person, the complainant must be made aware of the Collection Statement.</p>	Applicable	Applicable	Applicable	<p>https://www.sydneymetro.info/complaints-privacy-collection-notice</p> <p>https://www.sydneymetro.info/how-to-make-a-complaint</p> <p>Complaints register current to 29/02/24</p> <p>1800 Phone call test 03/02/22 (at earlier audit)</p> <p>https://www.sydneymetro.info/westernsydneyairportline</p>	<p>The collection statement is available on the Sydney Metro website.</p> <p>The voicemail introduction to the complaints line and the email immediate response identifies that personal information will be recorded and managed in accordance with the Privacy and Personal Information Protection Act. And directs the complainant to the Collection Notice on the website for further information. The collection notice provides the relevant details in accordance with this condition.</p>	C
B6	<p>The Complaints Register must be provided to the Planning Secretary upon request, within the timeframe stated in the request.</p> <p>Note: Complainants must be advised that the Complaints Register may be forwarded to Government agencies to allow them to undertake their regulatory duties</p>	Applicable	Applicable	Applicable	<p>DPHI post approval portal records, Aug 23 – Jan 24 (issue of complaints register to DPHI)</p>	<p>Sydney Metro provide the complaints register to the Department on a weekly basis.</p>	C
B7	<p>A Community Complaints Mediator that is independent of the design and construction personnel must be engaged by the Proponent, upon the referral of the complaint by the ER in accordance with the Overarching Community Communication Strategy</p>	Applicable	Applicable	Applicable (during construction)	<p>Overarching Community Communications Strategy, Sydney Metro, 05/08/20 and 12/04/21</p> <p>Letter Sydney Metro to Stephen Lancken, 14/12/21 (engagement of complaints mediator)</p>	<p>Stephen Lancken has been appointed the complaints mediator for the Project.</p>	C
B8	<p>The role of the Community Complaints Mediator is to provide independent mediation services for any reasonable and unresolved complaint referred by the ER where a member of the public is not satisfied by the Proponent's response. Where a Community Complaints Mediator is required, a mediator accredited under the National Mediator Accreditation System (NMAS), administered by the Mediator Standards Board must be appointed.</p>	Applicable	Applicable	Applicable	<p>Overarching Community Communications Strategy, Sydney Metro, 05/08/20 and 12/04/21</p> <p>Letter Sydney Metro to Stephen Lancken, 14/12/21 (engagement of complaints mediator)</p> <p>Metro interview 01-13/02/24</p> <p>Complaint Escalation and Summary Table, 146D Samuel Marsden Road, Orchard Hills, May 2023 (complaint log)</p> <p>Letter Sydney Metro to stakeholder at 146D Samuel Marsden Road, 11/05/23 (notification of escalation to mediator)</p> <p>Letter Sydney Metro to Complaints Mediator, 16/06/23</p> <p>Complaints Mediator Final Report for receiver at Samuel Marsden Drive, 18/12/23</p> <p>DPHI post approval portal lodgement 19/12/23 (Final Mediation Report for receiver at Samuel Marsden Drive)</p> <p>Occupancy Licence, receiver at Samuel Marsden Drive, (no date).</p>	<p>Stephen Lancken has been appointed the complaints mediator for the Project. 1 x complaint had been escalated during the fourth audit period. The escalation process appears to have followed the process from the Overarching Community Communications Strategy, the Construction Complaints Management System; and conditions B2, B8, B9 of this Approval. Mediation has been undertaken during the audit period and a summary of the recommendations of the Community Complaints Mediator was provided to the Department on 19/12/23. The Mediator considered that the issues associated with mediation are closed. The auditees are not aware of any feedback having been received from the Department.</p>	C

B9	<p>The Community Complaints Mediator will:</p> <p>(a) review any unresolved disputes, referred by the ER in accordance with the Overarching Community Communication Strategy;</p> <p>(b) make recommendations to the Proponent to satisfactorily address complaints, resolve disputes or mitigate against the occurrence of future complaints or disputes; and</p> <p>(c) provide a copy of the recommendations, and the Proponent's response to the recommendations, to the Planning Secretary within one month of the recommendations being made.</p>	Applicable	Applicable	Applicable	<p>Overarching Community Communications Strategy, Sydney Metro, 05/08/20 and 12/04/21</p> <p>Letter Sydney Metro to Stephen Lancken, 14/12/21 (engagement of complaints mediator)</p> <p>Metro interview 01-13/02/24</p> <p>Complaint Escalation and Summary Table, Receiver at Samuel Marsden Road, Orchard Hills, May 2023 (complaint log)</p> <p>Letter Sydney Metro to stakeholder at 146D Samuel Marsden Road, 11/05/23 (notification of escalation to mediator)</p> <p>Letter Sydney Metro to Complaints Mediator, 16/06/23</p> <p>Complaints Mediator Final Report for receiver at Samuel Marsden Drive, 18/12/23</p> <p>DPHI post approval portal lodgement 19/12/23 (Final Mediation Report for receiver at Samuel Marsden Drive)</p>	<p>1 x complaint has been escalated to mediation from the fourth audit period, which then extended into this fifth audit period. The escalation process appears to have followed the process from the Overarching Community Communications Strategy, the Construction Complaints Management System; and conditions B2, B8, B9 of this Approval. Mediation has been undertaken during the audit period and a summary of the recommendations of the Community Complaints Mediator was provided to Department on 19/12/23. The Mediator considered that the issues associated with mediation are closed. The auditees are not aware of any feedback having been received from the Department.</p>	C
B10	<p>Community Complaints Mediation will not be enacted before the Complaints Management System required by Condition B2 has been executed for a complaint and will not consider issues such as property acquisition, where other dispute processes are provided for in this approval, statute or clear government policy and resolution processes are available, or matters which are not within the scope of this CSSI.</p>	Applicable	Applicable	Applicable (during construction)	<p>Overarching Community Communications Strategy, Sydney Metro, 05/08/20 and 12/04/21</p> <p>Letter Sydney Metro to Stephen Lancken, 14/12/21 (engagement of complaints mediator)</p> <p>Metro interview 01-13/02/24</p> <p>Complaint Escalation and Summary Table, 146D Samuel Marsden Road, Orchard Hills, May 2023 (complaint log)</p> <p>Letter Sydney Metro to stakeholder at 146D Samuel Marsden Road, 11/05/23 (notification of escalation to mediator)</p> <p>Letter Sydney Metro to Complaints Mediator, 16/06/23</p> <p>Letter Sydney Metro to Transport NSW notification of receipt of Post Approval Document SSI 10051 B9 SCAW Mediation Summary, dated 19/12/2023</p>	<p>Stephen Lancken has been appointed the complaints mediator for the Project. 1 x complaint had been escalated to mediation during the fourth audit period. The escalation process appears to have followed the process from the Overarching Community Communications Strategy, the Construction Complaints Management System; and conditions B2, B8, B9 of this Approval. Mediation has been undertaken during the audit period and a summary of the recommendations of the Community Complaints Mediator was provided to the Department on 19/12/23. The Mediator considered that the issues associated with mediation are closed. The auditees are not aware of any feedback having been received from the Department.</p>	C
Provision of Electronic Information							

B11	<p>A website or webpage providing information in relation to the CSSI must be established before commencement of work and maintained for the duration of construction, and for a minimum of 24 months following the completion of all stages of construction of the CSSI. Up-to-date information (excluding confidential, private, commercial information or other documents as agreed to by the Planning Secretary) must be published before the relevant work commencing and maintained on the website or dedicated pages including:</p> <p>(a) information on the current implementation status of the CSSI;</p> <p>(b) a copy of the documents listed in Condition A1, and any documentation relating to any modifications made to the CSSI or the terms of this approval;</p> <p>(c) a copy of this approval in its original form, a current consolidated copy of this approval (that is, including any approved modifications to its terms), and copies of any approval granted by the Minister to a modification of the terms of this approval, or links to the referenced documents where available;</p> <p>(d) a copy of each statutory approval, license or permit required and obtained in relation to the CSSI, or where the issuing agency maintains a website of approvals, licenses or permits, a link to that website;</p> <p>(e) a current copy of each document required under the terms of this approval, which must be published within one (1) week of its approval or before the commencement of any work to which they relate or before their implementation, as the case may be; and</p> <p>(f) a copy of the audit reports required under this approval.</p> <p>Where the information / document relates to a particular work or is required to be implemented, it must be published before the commencement of the relevant work to which it relates or before its implementation.</p> <p>All information required in this condition is to be provided on the website or webpage, and easy to navigate.</p>	Applicable	Applicable	Applicable	<p>https://www.cpbcon.com.au/en/our-projects/2022/sydney-metro-western-sydney-airport-station-boxes-and-tunnels</p> <p>https://www.cpbcon.com.au/en/our-projects/2022/sydney-metro-western-sydney-airport-surface-and-civil-alignment-works</p> <p>https://www.quickway.com.au/projects/sydney-metro-western-sydney-airport-advanced-enabling-works/</p> <p>https://www.laingorourke.com/projects/australia/st-marys-station-footbridge/</p> <p>https://www.sydneymetro.info/documents</p> <p>https://www.sydneymetro.info/westernsydneyairportline</p> <p>https://www.sydneymetro.info/western-sydney-airport-line/environment-planning</p> <p>https://www.sydneymetro.info/station/st-marys-metro-station</p> <p>https://www.sydneymetro.info/station/claremont-meadows-intermediate-services-facility</p> <p>https://www.sydneymetro.info/station/orchard-hills-station</p> <p>https://www.sydneymetro.info/station/orchard-hills-stabling-and-maintenance-facility</p> <p>https://www.sydneymetro.info/station/luddenham-station</p> <p>https://www.sydneymetro.info/station/bringelly-services-facility</p> <p>https://www.sydneymetro.info/station/aerotropolis-station</p> <p>Email DPHI to Metro, 12/09/17 (DPHI agreement for the use of third party websites).</p> <p>Environment SM-WSA - Document Register (no date)</p> <p>CPBG WSA SM SBT Document Number Tracking (no date)</p> <p>B11 SCAW Website Document Register, current to February 2024</p>	<p>The information required under the Approval appears to all have been published on the Sydney Metro website or the websites of its contractors.</p> <p>The Auditor notes that the use of third party websites was agreed to by the Department in 2017 (as part of another Sydney Metro project) and has been applied consistently since. The Auditor is not aware of any direction from the Department stating otherwise.</p> <p>Sydney Metro, SBT and SCAW each have trackers identifying when documents are approved / endorsed, when works commenced and when the documents were published. Date of publication is also included in the AEW FSM website. As far as the Auditor can ascertain, the required documents are published within the required timeframe. It is noted that the complaints register is not made public, nor are contamination reports. Metro advises that contamination reports are proposed to be made public once redacted.</p>	C
PART C- CONSTRUCTION ENVIRONMENTAL MANAGEMENT							

<p>C1</p>	<p>Construction Environmental Management Plans (CEMPs) and CEMP Sub-plans must be prepared in accordance with the Construction Environmental Management Framework (CEMF) included in the documents listed in Condition A1 to detail how the performance outcomes, commitments and mitigation measures specified in the documents listed in Condition A1 will be implemented and achieved during construction.</p>	<p>Applicable</p>	<p>Applicable</p>	<p>Applicable</p>	<p>Construction Environmental Management Framework, Sydney Metro, Sep 2020</p> <p>SBT Construction Environmental Management Plan, 29/09/22 (SBT CEMP)</p> <p>SBT Spoil Management Sub-Plan, 02/09/22</p> <p>SBT NSW (Off-airport) Construction Noise and Vibration Management Sub-plan, 20/02/24 (SBT NVMP) including Noise and Vibration Monitoring Program</p> <p>SBT NSW (Off-airport) Flora and Fauna Management Sub-plan, 20/02/24 (SBT FFMP)</p> <p>SBT NSW (Off-Airport) Soil and Water Management Sub-Plan, 21/09/22 (SBT SWMP) including Groundwater Monitoring Program, Surface Water Monitoring Program, Procedures, evidence of consultation and ER endorsement</p> <p>SBT Waste and Recycling Management Sub-Plan, 10/10/22, (SBT WRMSB) including licenses, procedures, and mitigation measures.</p> <p>Letters HBI to Sydney Metro, 27/02/24, (ER endorsement of update to SBT NVMP and FFMP)</p> <p>SCAW Construction Environment Management Plan (SCAW CEMP), 13/12/2023, revised for updates to Training Needs Analysis and inclusion of Appendix C7 MIRRA Register.</p> <p>SCAW Noise and Vibration Management Sub-plan, 13/12/2023 (SCAW NVMP) including noise and vibration monitoring program and records of consultation, revised in response to Sydney Metro and ER comments</p> <p>SCAW Spoil Management Plan, 29/09/22</p> <p>SCAW Non-Aboriginal Heritage Sub-plan, 04/10/22 (SCAW NAHMP) including procedures and evidence of consultation</p> <p>SCAW Fauna and Flora Management Sub-plan, 13/03/23 (SCAW FFMP, updated with revised Nest Box Strategy) including procedures, and evidence of consultation</p> <p>Letter DPHI to Sydney Metro, 30/06/23 (DPHI approval of updated FFMP, capturing updated Nest Box Strategy and minor amendments).</p> <p>SCAW Visual Amenity Management Plan, 19/10/22 (SCAW VAMP)</p> <p>SCAW Soil and Water Management Sub-plan, 04/10/2023 (SCAW SWMP) including surface water quality monitoring program, procedures and evidence of consultation</p> <p>SCAW Air Quality Management Subplan, 29/09/23 (SCAW AQMP) including air quality monitoring program, procedures and evidence of consultation, revised in response to Sydney Metro and ER comments on Rev2.</p> <p>SCAW Waste Management Sub-plan, 10/10/22 (SCAW WMP)</p> <p>Letter HBI to Sydney Metro, 19/12/23 (ER endorsement of updated SCAW CEMP, AQMP, NVMP, SWMP)</p> <p>AEW FSM Construction Environmental Management Plan, Laing Orouke, 15/05/23</p>	<p>The CEMPs, Sub-plans and monitoring programs have been prepared in accordance with the CEMF and they identify how the performance outcomes, commitments and mitigation measures will be implemented and achieved during construction. The documents have been reviewed and endorsed by Sydney Metro and the ER and, where identified for approval by the Department under the Staging Report, have been approved by the Department prior to the commencing of the relevant construction works. Refer to earlier audit reports for ER endorsements and Department approvals (where required by the Staging Report) where these occurred prior to the current audit period.</p> <p>Refer to C10 and C21 regarding the implementation of the CEMP, Sub-plans and monitoring programs. Also, the ER has monitored the implementation of the documents (refer A32 for further details). The ER has raised actions in relation to environmental improvements on site, however the reports have not indicated failure to implement the CEMP and Sub-plans.</p>	<p>C</p>
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					Letter HBI to Sydney Metro, 25/05/23 (ER endorsement of AEW FSM CEMP)		
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<p>C2</p>	<p>With the exception of any CEMPs expressly nominated by the Planning Secretary to be endorsed by the ER, all CEMPs must be submitted to the Planning Secretary for approval.</p> <p>Note: The Planning Secretary will consider the assessment of the predicted level of environmental risk and potential level of community concern required under Condition A11(e) when deciding whether any CEMP's may be endorsed by the ER.</p>	<p>Applicable</p>	<p>Applicable</p>	<p>Applicable</p>	<p>Staging Report, Sydney Metro, Rev 9.0, 05/05/23</p> <p>Letter HBI to Sydney Metro, 05/05/23 (ER endorsement of Rev 9 of Staging Report)</p> <p>Letter DPHI to Sydney Metro, 26/05/23 (DPHI acknowledgement of Rev 9 of Staging Report)</p> <p>SBT Construction Environmental Management Plan, 29/09/22 (SBT CEMP)</p> <p>SBT Spoil Management Sub-Plan, 02/09/22</p> <p>SBT NSW (Off-airport) Construction Noise and Vibration Management Sub-plan, 20/02/24 (SBT NVMP) including Noise and Vibration Monitoring Program</p> <p>SBT NSW (Off-airport) Flora and Fauna Management Sub-plan, 20/02/24 (SBT FFMP)</p> <p>SBT NSW (Off-Airport) Soil and Water Management Sub-Plan, 21/09/22 (SBT SWMP) including Groundwater Monitoring Program, Surface Water Monitoring Program, Procedures, evidence of consultation and ER endorsement</p> <p>Letters HBI to Sydney Metro, 27/02/24, (ER endorsement of update to SBT NVMP and FFMP)</p> <p>SCAW Construction Environment Management Plan (SCAW CEMP), 13/12/2023, revised for updates to Training Needs Analysis and inclusion of Appendix C7 MIRRA Register.</p> <p>SCAW Noise and Vibration Management Sub-plan, 13/12/2023 (SCAW NVMP) including noise and vibration monitoring program and records of consultation, revised in response to Sydney Metro and ER comments</p> <p>SCAW Spoil Management Plan, 29/09/22</p> <p>SCAW Non-Aboriginal Heritage Sub-plan, 04/10/22 (SCAW NAHMP) including procedures and evidence of consultation</p> <p>SCAW Fauna and Flora Management Sub-plan, 13/03/23 (SCAW FFMP, updated with revised Nest Box Strategy) including procedures, and evidence of consultation</p> <p>Letter DPHI to Sydney Metro, 30/06/23 (DPHI approval of updated FFMP, capturing updated Nest Box Strategy and minor amendments).</p> <p>SCAW Visual Amenity Management Plan, 19/10/22 (SCAW VAMP)</p> <p>SCAW Soil and Water Management Sub-plan, 04/10/2023 (SCAW SWMP) including surface water quality monitoring program, procedures and evidence of consultation</p> <p>SCAW Air Quality Management Subplan, 29/09/23 (SCAW AQMP) including air quality monitoring program, procedures and evidence of consultation, revised in response to Sydney Metro and ER comments on Rev2.</p> <p>SCAW Waste Management Sub-plan, 10/10/22 (SCAW WMP)</p> <p>Letter HBI to Sydney Metro, 19/12/23 (ER endorsement of updated SCAW CEMP, AQMP, NVMP, SWMP)</p> <p>Letter DPHI to Sydney Metro, 12/01/2024 (DPHI acknowledgement of Rev3 CEMP)</p> <p>AEW FSM Construction Environmental Management Plan, Laing Orouke, 15/05/23</p>	<p>The Staging Report has established the approval pathway for each of the CEMP and Sub-plans on the Project (i.e.: identifying which CEMPs (and Sub-plans) are required to be endorsed by the ER and which require Department approval).</p> <p>All CEMPs are to be endorsed by the ER and do not require Departmental approval. All CEMPs relevant to the current audit period were endorsed prior to the relevant works package commencing. All were endorsed prior to the current audit period.</p>	<p>C</p>
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					Letter HBI to Sydney Metro, 25/05/23 (ER endorsement of AEW FSM CEMP)		
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C3	<p>The CEMP(s) not requiring the Planning Secretary's approval must be submitted to the ER for endorsement no later than one (1) month before the commencement of construction or where construction is staged no later than one (1) month before the commencement of that stage. That CEMP must obtain the endorsement of the ER as being consistent with the conditions of this approval and all undertakings made in the documents listed in Condition A1</p>	Applicable	Applicable	Applicable	<p>Staging Report, Sydney Metro, Rev 9.0, 05/05/23</p> <p>Letter HBI to Sydney Metro, 05/05/23 (ER endorsement of Rev 9 of Staging Report)</p> <p>Letter DPHI to Sydney Metro, 26/05/23 (DPHI acknowledgement of Rev 9 of Staging Report)</p> <p>SBT Construction Environmental Management Plan, 29/09/22 (SBT CEMP)</p> <p>SBT Spoil Management Sub-Plan, 02/09/22</p> <p>SBT NSW (Off-airport) Construction Noise and Vibration Management Sub-plan, 20/02/24 (SBT NVMP) including Noise and Vibration Monitoring Program</p> <p>SBT NSW (Off-airport) Flora and Fauna Management Sub-plan, 20/02/24 (SBT FFMP)</p> <p>SBT NSW (Off-Airport) Soil and Water Management Sub-Plan, 21/09/22 (SBT SWMP) including Groundwater Monitoring Program, Surface Water Monitoring Program, Procedures, evidence of consultation and ER endorsement</p> <p>Letters HBI to Sydney Metro, 27/02/24, (ER endorsement of update to SBT NVMP and FFMP)</p> <p>SCAW Construction Environmental Management Plan, 13/12/2023 (SCAW CEMP)</p> <p>SCAW Noise and Vibration Management Sub-plan, 13/12/2023 (SCAW NVMP) including noise and vibration monitoring program and records of consultation, revised in response to Sydney Metro and ER comments</p> <p>SCAW Spoil Management Plan, 29/09/22</p> <p>SCAW Non-Aboriginal Heritage Sub-plan, 04/10/22 (SCAW NAHMP) including procedures and evidence of consultation</p> <p>SCAW Fauna and Flora Management Sub-plan, 13/03/23 (SCAW FFMP, updated with revised Nest Box Strategy) including procedures, and evidence of consultation</p> <p>Letter DPHI to Sydney Metro, 30/06/23 (DPHI approval of updated FFMP, capturing updated Nest Box Strategy and minor amendments).</p> <p>SCAW Visual Amenity Management Plan, 19/10/22 (SCAW VAMP)</p> <p>SCAW Soil and Water Management Sub-plan, 04/10/2023 (SCAW SWMP) including surface water quality monitoring program, procedures and evidence of consultation</p> <p>SCAW Air Quality Management Subplan, 29/09/23 (SCAW AQMP) including air quality monitoring program, procedures and evidence of consultation, revised in response to Sydney Metro and ER comments on Rev2.</p> <p>SCAW Waste Management Sub-plan, 10/10/22 (SCAW WMP)</p> <p>Letter HBI to Sydney Metro, 19/12/23 (ER endorsement of updated SCAW CEMP, AQMP, NVMP, SWMP)</p> <p>Letter DPHI to Sydney Metro, 12/01/2024 (DPHI acknowledgement of Rev3 CEMP as endorsed by ER)</p> <p>AEW FSM Construction Environmental Management Plan, Laing Orouke, 15/05/23</p> <p>Letter HBI to Sydney Metro, 25/05/23 (ER endorsement of AEW FSM CEMP)</p>	<p>The Staging Report has established the approval pathway for each of the CEMP and Sub-plans on the Project (i.e.: identifying which CEMPs (and Sub-plans) are required to be endorsed by the ER and which require Department approval).</p> <p>All CEMPs are to be endorsed by the ER and do not require Departmental approval. All CEMPs relevant to the current audit period were endorsed prior to the relevant works package commencing. All were endorsed prior to the current audit period.</p>	C
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C4	Any CEMP to be approved by the Planning Secretary must be endorsed by the ER and then submitted to the Planning Secretary for approval no later than one (1) month before the commencement of construction or where construction is staged no later than one (1) month before the commencement of that stage.	Applicable	Applicable	Applicable	<p>Staging Report, Sydney Metro, Rev 9.0, 05/05/23</p> <p>Letter HBI to Sydney Metro, 05/05/23 (ER endorsement of Rev 9 of Staging Report)</p> <p>Letter DPHI to Sydney Metro, 26/05/23 (DPHI acknowledgement of Rev 9 of Staging Report)</p>	Refer to C3 and C4. No CEMPs for stages of construction relevant to the current audit period are identified for Departmental approval under the Staging Report.	NT
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C5	<p>Of the CEMP Sub-plans required under Condition C1, the following CEMP Sub-plans must be prepared in consultation with the relevant government agencies identified for each CEMP Subplan. Details of issues raised by a government agency during consultation (as required by Condition A6) must be provided with the relevant CEMP Sub-plan when submitted to the Planning Secretary / ER (whichever is applicable). Where a government agency(ies) request(s) is not included, the Proponent must provide the Planning Secretary / ER (whichever is applicable) justification as to why.</p> <table border="1"> <thead> <tr> <th></th> <th>Required CEMP Sub-plan</th> <th>Relevant government agencies to be consulted for each CEMP Sub-plan</th> </tr> </thead> <tbody> <tr> <td>(a)</td> <td>Noise and vibration</td> <td>Relevant Councils and WaterNSW (in relation to its assets)</td> </tr> <tr> <td>(b)</td> <td>Flora and fauna</td> <td>DPIE EES, DPI Fisheries, and Relevant Councils</td> </tr> <tr> <td>(c)</td> <td>Soil and Water</td> <td>DPI Fisheries, and Relevant Councils</td> </tr> <tr> <td>(d)</td> <td>Non-Aboriginal heritage</td> <td>Relevant Councils, WaterNSW and Heritage NSW</td> </tr> </tbody> </table> <p>Note: CEMP Sub-plan(s) may reflect the construction of the project through geographical activities, temporal activities or activity based staging</p>		Required CEMP Sub-plan	Relevant government agencies to be consulted for each CEMP Sub-plan	(a)	Noise and vibration	Relevant Councils and WaterNSW (in relation to its assets)	(b)	Flora and fauna	DPIE EES, DPI Fisheries, and Relevant Councils	(c)	Soil and Water	DPI Fisheries, and Relevant Councils	(d)	Non-Aboriginal heritage	Relevant Councils, WaterNSW and Heritage NSW	Applicable	Applicable	Applicable	<p>Staging Report, Sydney Metro, Rev 9.0, 05/05/23</p> <p>Letter HBI to Sydney Metro, 05/05/23 (ER endorsement of Rev 9 of Staging Report)</p> <p>Letter DPHI to Sydney Metro, 26/05/23 (DPHI acknowledgement of Rev 9 of Staging Report)</p> <p>SBT Construction Environmental Management Plan, 29/09/22 (SBT CEMP)</p> <p>SBT Spoil Management Sub-Plan, 02/09/22</p> <p>SBT NSW (Off-airport) Construction Noise and Vibration Management Sub-plan, 20/02/24 (SBT NVMP) including Noise and Vibration Monitoring Program</p> <p>SBT NSW (Off-airport) Flora and Fauna Management Sub-plan, 20/02/24 (SBT FFMP)</p> <p>SBT NSW (Off-Airport) Soil and Water Management Sub-Plan, 21/09/22 (SBT SWMP) including Groundwater Monitoring Program, Surface Water Monitoring Program, Procedures, evidence of consultation and ER endorsement</p> <p>Letters HBI to Sydney Metro, 27/02/24, (ER endorsement of update to SBT NVMP and FFMP)</p> <p>SCAW Construction Environmental Management Plan, 13/12/2023 (SCAW CEMP)</p> <p>SCAW Noise and Vibration Management Sub-plan, 13/12/2023 (SCAW NVMP) including noise and vibration monitoring program and records of consultation, revised in response to Sydney Metro and ER comments</p> <p>SCAW Spoil Management Plan, 29/09/22</p> <p>SCAW Non-Aboriginal Heritage Sub-plan, 04/10/22 (SCAW NAHMP) including procedures and evidence of consultation</p> <p>SCAW Fauna and Flora Management Sub-plan, 13/03/23 (SCAW FFMP, updated with revised Nest Box Strategy) including procedures, and evidence of consultation</p> <p>Letter DPHI to Sydney Metro, 30/06/23 (DPHI approval of updated FFMP, capturing updated Nest Box Strategy and minor amendments).</p> <p>SCAW Visual Amenity Management Plan, 19/10/22 (SCAW VAMP)</p> <p>SCAW Soil and Water Management Sub-plan, 04/10/2023 (SCAW SWMP) including surface water quality monitoring program, procedures and evidence of consultation</p> <p>SCAW Air Quality Management Subplan, 29/09/23 (SCAW AQMP) including air quality monitoring program, procedures and evidence of consultation, revised in response to Sydney Metro and ER comments on Rev2.</p> <p>SCAW Waste Management Sub-plan, 10/10/22 (SCAW WMP)</p> <p>Letter HBI to Sydney Metro, 19/12/23 (ER endorsement of updated SCAW CEMP, AQMP, NVMP, SWMP)</p> <p>Letter DPHI to Sydney Metro, 12/01/2024 (DPHI acknowledgement of Rev3 CEMP as endorsed by ER)</p> <p>AEW FSM Construction Environmental Management Plan, Laing Orouke, 15/05/23</p> <p>Letter HBI to Sydney Metro, 25/05/23 (ER endorsement of AEW FSM CEMP)</p>	<p>The Staging Report identifies what Sub-plans are required for each stage of works.</p> <p>For AEW the Sub-plans listed in this condition have been identified under the Staging Report as being part of the relevant CEMP, rather than as a separate sub-plan.</p> <p>The Staging Report identifies that the SBT main works would require Sub-plans for Noise and Vibration, Flora and Fauna, Soil and Water. Non Aboriginal Heritage would form a procedure in the CEMP. Evidence shows that the Sub-plans were prepared in accordance with this requirement for SBT main works prior to the current audit period. The SBT NVMP and FFMP was updated during the current audit period, and endorsed by ER in February 24.</p> <p>The Staging Report identifies that the SCAW main works would require Sub-plans for Noise and Vibration, Flora and Fauna, Soil and Water and Non-Aboriginal Heritage. Evidence shows that the Sub-plans were prepared in accordance with this requirement for SCAW main works prior to the current audit period. The SCAW CEMP, AQMP, NVMP, SWMP underwent minor updates during the audit period. The ER endorsed the updates in December 23.</p> <p>Refer to earlier audit reports for details on consultation during each document's development, endorsement and submission and approval of each document.</p>	C
	Required CEMP Sub-plan	Relevant government agencies to be consulted for each CEMP Sub-plan																				
(a)	Noise and vibration	Relevant Councils and WaterNSW (in relation to its assets)																				
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(c)	Soil and Water	DPI Fisheries, and Relevant Councils																				
(d)	Non-Aboriginal heritage	Relevant Councils, WaterNSW and Heritage NSW																				

C6	<p>The CEMP Sub-plans must state how:</p> <p>(a) the environmental performance outcomes identified in the documents listed in Condition A1 will be achieved;</p> <p>(b) the mitigation measures identified in the documents listed in Condition A1 will be implemented;</p> <p>(c) the relevant terms of this approval will be complied with; and</p> <p>(d) issues requiring management during construction (including cumulative impacts), as identified through ongoing environmental risk analysis, will be managed through SMART principles</p>	Applicable	Applicable	Applicable	<p>SBT Construction Environmental Management Plan, 29/09/22 (SBT CEMP)</p> <p>SBT Spoil Management Sub-Plan, 02/09/22</p> <p>SBT NSW (Off-airport) Construction Noise and Vibration Management Sub-plan, 20/02/24 (SBT NVMP) including Noise and Vibration Monitoring Program</p> <p>SBT NSW (Off-airport) Flora and Fauna Management Sub-plan, 20/02/24 (SBT FFMP)</p> <p>SBT NSW (Off-Airport) Soil and Water Management Sub-Plan, 21/09/22 (SBT SWMP) including Groundwater Monitoring Program, Surface Water Monitoring Program, Procedures, evidence of consultation and ER endorsement</p> <p>Letters HBI to Sydney Metro, 27/02/24, (ER endorsement of update to SBT NVMP and FFMP)</p> <p>SCAW Construction Environmental Management Plan, 13/12/2023 (SCAW CEMP)</p> <p>SCAW Noise and Vibration Management Sub-plan, 13/12/2023 (SCAW NVMP) including noise and vibration monitoring program and records of consultation, revised in response to Sydney Metro and ER comments</p> <p>SCAW Spoil Management Plan, 29/09/22</p> <p>SCAW Non-Aboriginal Heritage Sub-plan, 04/10/22 (SCAW NAHMP) including procedures and evidence of consultation</p> <p>SCAW Fauna and Flora Management Sub-plan, 13/03/23 (SCAW FFMP, updated with revised Nest Box Strategy) including procedures, and evidence of consultation</p> <p>Letter DPHI to Sydney Metro, 30/06/23 (DPHI approval of updated FFMP, capturing updated Nest Box Strategy and minor amendments).</p> <p>SCAW Visual Amenity Management Plan, 19/10/22 (SCAW VAMP)</p> <p>SCAW Soil and Water Management Sub-plan, 04/10/2023 (SCAW SWMP) including surface water quality monitoring program, procedures and evidence of consultation</p> <p>SCAW Air Quality Management Subplan, 29/09/23 (SCAW AQMP) including air quality monitoring program, procedures and evidence of consultation, revised in response to Sydney Metro and ER comments on Rev2.</p> <p>SCAW Waste Management Sub-plan, 10/10/22 (SCAW WMP)</p> <p>Letter HBI to Sydney Metro, 19/12/23 (ER endorsement of updated SCAW CEMP, AQMP, NVMP, SWMP)</p> <p>Letter DPHI to Sydney Metro, 12/01/2024 (DPHI acknowledgement of Rev3 CEMP as endorsed by ER)</p> <p>AEW FSM Construction Environmental Management Plan, Laing Orouke, 15/05/23</p> <p>Letter HBI to Sydney Metro, 25/05/23 (ER endorsement of AEW FSM CEMP)</p>	<p>The Auditor has reviewed the required Sub-plans and is of the view that these requirements have been satisfied.</p>	C
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C7	<p>With the exception of any CEMP Sub-plans expressly nominated by the Planning Secretary to be endorsed by the ER, all CEMP Sub-plans must be submitted to the Planning Secretary for approval.</p>	Applicable	Applicable	Applicable	<p>Staging Report, Sydney Metro, Rev 9.0, 05/05/23</p> <p>Letter HBI to Sydney Metro, 05/05/23 (ER endorsement of Rev 9 of Staging Report)</p> <p>Letter DPHI to Sydney Metro, 26/05/23 (DPHI acknowledgement of Rev 9 of Staging Report)</p> <p>SBT Construction Environmental Management Plan, 29/09/22 (SBT CEMP)</p> <p>SBT Spoil Management Sub-Plan, 02/09/22</p> <p>SBT NSW (Off-airport) Construction Noise and Vibration Management Sub-plan, 20/02/24 (SBT NVMP) including Noise and Vibration Monitoring Program</p> <p>SBT NSW (Off-airport) Flora and Fauna Management Sub-plan, 20/02/24 (SBT FFMP)</p> <p>SBT NSW (Off-Airport) Soil and Water Management Sub-Plan, 21/09/22 (SBT SWMP) including Groundwater Monitoring Program, Surface Water Monitoring Program, Procedures, evidence of consultation and ER endorsement</p> <p>Letters HBI to Sydney Metro, 27/02/24, (ER endorsement of update to SBT NVMP and FFMP)</p> <p>SCAW Construction Environmental Management Plan, 13/12/2023 (SCAW CEMP)</p> <p>SCAW Noise and Vibration Management Sub-plan, 13/12/2023 (SCAW NVMP) including noise and vibration monitoring program and records of consultation, revised in response to Sydney Metro and ER comments</p> <p>SCAW Spoil Management Plan, 29/09/22</p> <p>SCAW Non-Aboriginal Heritage Sub-plan, 04/10/22 (SCAW NAHMP) including procedures and evidence of consultation</p> <p>SCAW Fauna and Flora Management Sub-plan, 13/03/23 (SCAW FFMP, updated with revised Nest Box Strategy) including procedures, and evidence of consultation</p> <p>Letter DPHI to Sydney Metro, 30/06/23 (DPHI approval of updated FFMP, capturing updated Nest Box Strategy and minor amendments).</p> <p>SCAW Visual Amenity Management Plan, 19/10/22 (SCAW VAMP)</p> <p>SCAW Soil and Water Management Sub-plan, 04/10/2023 (SCAW SWMP) including surface water quality monitoring program, procedures and evidence of consultation</p> <p>SCAW Air Quality Management Subplan, 29/09/23 (SCAW AQMP) including air quality monitoring program, procedures and evidence of consultation, revised in response to Sydney Metro and ER comments on Rev2.</p> <p>SCAW Waste Management Sub-plan, 10/10/22 (SCAW WMP)</p> <p>Letter HBI to Sydney Metro, 19/12/23 (ER endorsement of updated SCAW CEMP, AQMP, NVMP, SWMP)</p> <p>Letter DPHI to Sydney Metro, 12/01/2024 (DPHI acknowledgement of Rev3 CEMP as endorsed by ER)</p> <p>AEW FSM Construction Environmental Management Plan, Laing O'Rourke, 15/05/23</p> <p>Letter HBI to Sydney Metro, 25/05/23 (ER endorsement of AEW FSM CEMP)</p>	<p>The Staging Report has established the approval pathway for each of the CEMP and Sub-plans on the Project (i.e.: identifying which CEMPs (and Sub-plans) are required to be endorsed by the ER and which require Department approval).</p> <p>For AEW the Sub-plans listed in this condition have been identified under the Staging Report as being part of the relevant CEMP, rather than as a separate sub-plan.</p> <p>The Staging Report identifies that the SBT main works would require Sub-plans for Noise and Vibration, Flora and Fauna, Soil and Water. Non Aboriginal Heritage would form a procedure in the CEMP. All the documents are identified for ER endorsement. Only the Noise and Vibration Sub-plan is identified as requiring the Department's approval. ER endorsement and Department approval was granted as required prior to the current audit period. The SBT NVMP and FFMP was updated during the current audit period, and endorsed by ER in February 24.</p> <p>The Staging Report identifies that the SCAW main works would require Sub-plans for Noise and Vibration, Flora and Fauna, Soil and Water and Non-Aboriginal Heritage. All the documents are identified for ER endorsement. Only the Noise and Vibration Sub-plan, Flora and Fauna Sub-plan and Soil and Water Sub-plan are identified as requiring the Department's approval. ER endorsement and Department approval was granted as required. The only Sub-plan approved by the Department during the audit period was an update to the SCAW FFMP (to capture an updated to the Nest Box Strategy, along with other minor updates). Endorsements and approvals were granted prior to the current audit period. The SCAW CEMP, AQMP, NVMP, SWMP underwent minor updates during the audit period. The ER endorsed the updates in December 23.</p> <p>Refer to earlier audit reports for details on the timing of submission and approval of each document.</p>	C
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C8	<p>The CEMP Sub-plans not requiring the Planning Secretary's approval must obtain the endorsement of the ER as being in accordance with the conditions of approval and all relevant undertakings made in the documents listed in Condition A1. Any of these CEMP Sub-plans must be submitted to the ER with, or subsequent to, the submission of the CEMP but in any event, no later than one (1) month before construction or where construction is staged no later than one (1) month before the commencement of that stage.</p>	Applicable	Applicable	Applicable	<p>Staging Report, Sydney Metro, Rev 9.0, 05/05/23</p> <p>Letter HBI to Sydney Metro, 05/05/23 (ER endorsement of Rev 9 of Staging Report)</p> <p>Letter DPHI to Sydney Metro, 26/05/23 (DPHI acknowledgement of Rev 9 of Staging Report)</p> <p>SBT Construction Environmental Management Plan, 29/09/22 (SBT CEMP)</p> <p>SBT Spoil Management Sub-Plan, 02/09/22</p> <p>SBT NSW (Off-airport) Construction Noise and Vibration Management Sub-plan, 20/02/24 (SBT NVMP) including Noise and Vibration Monitoring Program</p> <p>SBT NSW (Off-airport) Flora and Fauna Management Sub-plan, 20/02/24 (SBT FFMP)</p> <p>SBT NSW (Off-Airport) Soil and Water Management Sub-Plan, 21/09/22 (SBT SWMP) including Groundwater Monitoring Program, Surface Water Monitoring Program, Procedures, evidence of consultation and ER endorsement</p> <p>Letters HBI to Sydney Metro, 27/02/24, (ER endorsement of update to SBT NVMP and FFMP)</p> <p>SCAW Construction Environmental Management Plan, 13/12/2023 (SCAW CEMP)</p> <p>SCAW Noise and Vibration Management Sub-plan, 13/12/2023 (SCAW NVMP) including noise and vibration monitoring program and records of consultation, revised in response to Sydney Metro and ER comments</p> <p>SCAW Spoil Management Plan, 29/09/22</p> <p>SCAW Non-Aboriginal Heritage Sub-plan, 04/10/22 (SCAW NAHMP) including procedures and evidence of consultation</p> <p>SCAW Fauna and Flora Management Sub-plan, 13/03/23 (SCAW FFMP, updated with revised Nest Box Strategy) including procedures, and evidence of consultation</p> <p>Letter DPHI to Sydney Metro, 30/06/23 (DPHI approval of updated FFMP, capturing updated Nest Box Strategy and minor amendments).</p> <p>SCAW Visual Amenity Management Plan, 19/10/22 (SCAW VAMP)</p> <p>SCAW Soil and Water Management Sub-plan, 04/10/2023 (SCAW SWMP) including surface water quality monitoring program, procedures and evidence of consultation</p> <p>SCAW Air Quality Management Subplan, 29/09/23 (SCAW AQMP) including air quality monitoring program, procedures and evidence of consultation, revised in response to Sydney Metro and ER comments on Rev2.</p> <p>SCAW Waste Management Sub-plan, 10/10/22 (SCAW WMP)</p> <p>Letter HBI to Sydney Metro, 19/12/23 (ER endorsement of updated SCAW CEMP, AQMP, NVMP, SWMP)</p> <p>Letter DPHI to Sydney Metro, 12/01/2024 (DPHI acknowledgement of Rev3 CEMP as endorsed by ER)</p> <p>AEW FSM Construction Environmental Management Plan, Laing O'Rourke, 15/05/23</p> <p>Letter HBI to Sydney Metro, 25/05/23 (ER endorsement of AEW FSM CEMP)</p>	<p>The Staging Report has established the approval pathway for each of the CEMP and Sub-plans on the Project (i.e.: identifying which CEMPs (and Sub-plans) are required to be endorsed by the ER and which require Department approval).</p> <p>For AEW the Sub-plans listed in this condition have been identified under the Staging Report as being part of the relevant CEMP, rather than as a separate sub-plan.</p> <p>The Staging Report identifies that the SBT main works would require Sub-plans for Noise and Vibration, Flora and Fauna, Soil and Water. Non Aboriginal Heritage would form a procedure in the CEMP. All the documents are identified for ER endorsement. Only the Noise and Vibration Sub-plan is identified as requiring the Department's approval. ER endorsement and Department approval was granted as required prior to the current audit period. The SBT NVMP and FFMP was updated during the current audit period, and endorsed by ER in February 24.</p> <p>The Staging Report identifies that the SCAW main works would require Sub-plans for Noise and Vibration, Flora and Fauna, Soil and Water and Non-Aboriginal Heritage. All the documents are identified for ER endorsement. Only the Noise and Vibration Sub-plan, Flora and Fauna Sub-plan and Soil and Water Sub-plan are identified as requiring the Department's approval. ER endorsement and Department approval was granted as required. The only Sub-plan approved by the Department during the audit period was an update to the SCAW FFMP (to capture an updated to the Nest Box Strategy, along with other minor updates). Endorsements and approvals were granted prior to the current audit period. The SCAW CEMP, AQMP, NVMP, SWMP underwent minor updates during the audit period. The ER endorsed the updates in December 23.</p> <p>Refer to earlier audit reports for details on the timing of submission and approval of each document.</p>	C
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C9	<p>Any of the CEMP Sub-plans to be approved by the Planning Secretary must be submitted to the Planning Secretary with, or subsequent to, the submission of the CEMP but in any event, no later than one (1) month before construction or where construction is staged no later than one (1) month before the commencement of that stage</p>	Applicable	Applicable	Applicable	<p>Staging Report, Sydney Metro, Rev 9.0, 05/05/23</p> <p>Letter HBI to Sydney Metro, 05/05/23 (ER endorsement of Rev 9 of Staging Report)</p> <p>Letter DPHI to Sydney Metro, 26/05/23 (DPHI acknowledgement of Rev 9 of Staging Report)</p> <p>SBT Construction Environmental Management Plan, 29/09/22 (SBT CEMP)</p> <p>SBT Spoil Management Sub-Plan, 02/09/22</p> <p>SBT NSW (Off-airport) Construction Noise and Vibration Management Sub-plan, 20/02/24 (SBT NVMP) including Noise and Vibration Monitoring Program</p> <p>SBT NSW (Off-airport) Flora and Fauna Management Sub-plan, 20/02/24 (SBT FFMP)</p> <p>SBT NSW (Off-Airport) Soil and Water Management Sub-Plan, 21/09/22 (SBT SWMP) including Groundwater Monitoring Program, Surface Water Monitoring Program, Procedures, evidence of consultation and ER endorsement</p> <p>Letters HBI to Sydney Metro, 27/02/24, (ER endorsement of update to SBT NVMP and FFMP)</p> <p>SCAW Construction Environmental Management Plan, 13/12/2023 (SCAW CEMP)</p> <p>SCAW Noise and Vibration Management Sub-plan, 13/12/2023 (SCAW NVMP) including noise and vibration monitoring program and records of consultation, revised in response to Sydney Metro and ER comments</p> <p>SCAW Spoil Management Plan, 29/09/22</p> <p>SCAW Non-Aboriginal Heritage Sub-plan, 04/10/22 (SCAW NAHMP) including procedures and evidence of consultation</p> <p>SCAW Fauna and Flora Management Sub-plan, 13/03/23 (SCAW FFMP, updated with revised Nest Box Strategy) including procedures, and evidence of consultation</p> <p>Letter DPHI to Sydney Metro, 30/06/23 (DPHI approval of updated FFMP, capturing updated Nest Box Strategy and minor amendments).</p> <p>SCAW Visual Amenity Management Plan, 19/10/22 (SCAW VAMP)</p> <p>SCAW Soil and Water Management Sub-plan, 04/10/2023 (SCAW SWMP) including surface water quality monitoring program, procedures and evidence of consultation</p> <p>SCAW Air Quality Management Subplan, 29/09/23 (SCAW AQMP) including air quality monitoring program, procedures and evidence of consultation, revised in response to Sydney Metro and ER comments on Rev2.</p> <p>SCAW Waste Management Sub-plan, 10/10/22 (SCAW WMP)</p> <p>Letter HBI to Sydney Metro, 19/12/23 (ER endorsement of updated SCAW CEMP, AQMP, NVMP, SWMP)</p> <p>Letter DPHI to Sydney Metro, 12/01/2024 (DPHI acknowledgement of Rev3 CEMP as endorsed by ER)</p> <p>AEW FSM Construction Environmental Management Plan, Laing Orouke, 15/05/23</p> <p>Letter HBI to Sydney Metro, 25/05/23 (ER endorsement of AEW FSM CEMP)</p>	<p>The Staging Report has established the approval pathway for each of the CEMP and Sub-plans on the Project (i.e.: identifying which CEMPs (and Sub-plans) are required to be endorsed by the ER and which require Department approval).</p> <p>For AEW the Sub-plans listed in this condition have been identified under the Staging Report as being part of the relevant CEMP, rather than as a separate sub-plan.</p> <p>The Staging Report identifies that the SBT main works would require Sub-plans for Noise and Vibration, Flora and Fauna, Soil and Water. Non Aboriginal Heritage would form a procedure in the CEMP. All the documents are identified for ER endorsement. Only the Noise and Vibration Sub-plan is identified as requiring the Department's approval. ER endorsement and Department approval was granted as required prior to the current audit period. The SBT NVMP and FFMP was updated during the current audit period, and endorsed by ER in February 24.</p> <p>The Staging Report identifies that the SCAW main works would require Sub-plans for Noise and Vibration, Flora and Fauna, Soil and Water and Non-Aboriginal Heritage. All the documents are identified for ER endorsement. Only the Noise and Vibration Sub-plan, Flora and Fauna Sub-plan and Soil and Water Sub-plan are identified as requiring the Department's approval. ER endorsement and Department approval was granted as required. The only Sub-plan approved by the Department during the audit period was an update to the SCAW FFMP (to capture an updated to the Nest Box Strategy, along with other minor updates). Endorsements and approvals were granted prior to the current audit period. The SCAW CEMP, AQMP, NVMP, SWMP underwent minor updates during the audit period. The ER endorsed the updates in December 23.</p> <p>Refer to earlier audit reports for details on the timing of submission and approval of each document.</p>	C
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C10	<p>Construction must not commence until the CEMP and all CEMP Sub-plans have been approved by the Planning Secretary or endorsed by the ER (whichever is applicable), unless otherwise agreed by the Planning Secretary. The CEMP and CEMP Sub-plans, as approved by the Planning Secretary or endorsed by the ER (whichever is applicable), including any minor amendments approved by the ER, must be implemented for the duration of construction.</p>	Applicable	Applicable	Applicable	<p>Staging Report, Sydney Metro, Rev 9.0, 05/05/23</p> <p>Letter HBI to Sydney Metro, 05/05/23 (ER endorsement of Rev 9 of Staging Report)</p> <p>Letter DPHI to Sydney Metro, 26/05/23 (DPHI acknowledgement of Rev 9 of Staging Report)</p> <p>SBT Construction Environmental Management Plan, 29/09/22 (SBT CEMP)</p> <p>SBT Spoil Management Sub-Plan, 02/09/22</p> <p>SBT NSW (Off-airport) Construction Noise and Vibration Management Sub-plan, 20/02/24 (SBT NVMP) including Noise and Vibration Monitoring Program</p> <p>SBT NSW (Off-airport) Flora and Fauna Management Sub-plan, 20/02/24 (SBT FFMP)</p> <p>SBT NSW (Off-Airport) Soil and Water Management Sub-Plan, 21/09/22 (SBT SWMP) including Groundwater Monitoring Program, Surface Water Monitoring Program, Procedures, evidence of consultation and ER endorsement</p> <p>Letters HBI to Sydney Metro, 27/02/24, (ER endorsement of update to SBT NVMP and FFMP)</p> <p>SBT Project induction (no date) including information on sustainability, hold points, legal requirements, soil and water, contamination and spills, noise and vibration, flora and fauna, visual amenity, air quality, waste</p> <p>SBT Toolbox Talk register, August 23 – Jan 24 (environmental toolbox talk register, showing 24 x enviro toolbox deliveries in last 6 months covering dust management, concrete washout, water management and ERSED, Tree Clearing, WTP, mud tracking, bunding and chemical storage, groundwater management and OOHV)</p> <p>SBT Toolbox records, 30/01/24, 15/08/23, 17/08/23</p> <p>SBT internal environmental monthly reports Aug 23 – Jan 24 (include SiteHive dust summaries)</p> <p>SBT Groundwater Monitoring Report, July – November 23, 29/01/24</p> <p>SBT Surface Water Monitoring Report, May – October 23, 30/11/23</p> <p>SBT Noise and Vibration Monitoring Report, May – October 23, 30/11/23</p> <p>SBT Environmental Dashboard, current to Jan 2023</p> <p>SBT synergy SHEQ system (online)</p> <p>SBT synergy environmental actions register (online)</p> <p>SBT weekly synergy reports (inspection register)</p> <p>SBT Work Packs (capturing key environmental risks and requirements relevant to the works): Orchard Hills: SMWSASBT-CPG-OHE-SN150-CX-PKG-261003_Site Establishment_03; TBM Logistics SMWSASBTCPG-SWDTU150-CVPKG-261188_Rev00, Water Treatment Plant Operations , Aerotropolis: SMWSASBT-SMWSASBT- SMWSASBTCPG-SWDTU150-CVPKG-261197</p> <p>SBT ERSED Plans for Orchard Hills (Rev 11), Bringelly (Rev 01), Claremont Meadows (01/02/24).</p> <p>SCAW Construction Environmental Management Plan, 13/12/2023 (SCAW CEMP)</p>	<p>The Staging Report has established the approval pathway for each of the CEMP and Sub-plans on the Project (i.e.: identifying which CEMPs (and Sub-plans) are required to be endorsed by the ER and which require Department approval).</p> <p>For AEW the Sub-plans listed in this condition have been identified under the Staging Report as being part of the relevant CEMP, rather than as a separate sub-plan.</p> <p>The Staging Report identifies that the SBT main works would require Sub-plans for Noise and Vibration, Flora and Fauna, Soil and Water. Non Aboriginal Heritage would form a procedure in the CEMP. All the documents are identified for ER endorsement. Only the Noise and Vibration Sub-plan is identified as requiring the Department's approval. ER endorsement and Department approval was granted as required prior to the current audit period. The SBT NVMP and FFMP was updated during the current audit period, and endorsed by ER in February 24.</p> <p>The Staging Report identifies that the SCAW main works would require Sub-plans for Noise and Vibration, Flora and Fauna, Soil and Water and Non-Aboriginal Heritage. All the documents are identified for ER endorsement. Only the Noise and Vibration Sub-plan, Flora and Fauna Sub-plan and Soil and Water Sub-plan are identified as requiring the Department's approval. ER endorsement and Department approval was granted as required. The only Sub-plan approved by the Department during the audit period was an update to the SCAW FFMP (to capture an updated to the Nest Box Strategy, along with other minor updates). Endorsements and approvals were granted prior to the current audit period. The SCAW CEMP, AQMP, NVMP, SWMP underwent minor updates during the audit period. The ER endorsed the updates in December 23.</p> <p>Refer to earlier audit reports for details on the timing of submission and approval of each document. Refer also notifications under A34 and A35.</p> <p>Evidence indicated that the CEMP and Sub-plans are for the most part being implemented. Training, inspections, monitoring is being implemented as per the CEMP and Sub-plans. Each contractor is running a system or file directory for the recording, actioning, escalation and close out of actions (inspections, monitoring, deficiency management, incident / non-compliance management). Deficiencies in controls / incident / non-compliances are being identified and actioned. Induction records, toolbox talks and prestarts and Work Packs indicate that Project teams are made aware of the requirements from the CEMP and Sub-plans relevant to the subject works.</p> <p>The ER Monthly Reports demonstrate that the ER is monitoring the implementation of the CEMP, Sub-plans and monitoring programs during the audit period.</p> <p>SCAW Observation: One departure from the SCAW Soil and Water Management Plan (SWMP) was identified during the audit period. On 06/11/23 a member of the CPBUI construction team was witnessed pumping construction water into a basin without a Permit to Discharge. The activity was immediately stopped. The pumped water was observed to be contained within the erosion sediment controls installed and was not observed by the SCAW team to have impacted any nearby waters. The Project team and ER deemed the event as non-reportable under the Sydney Metro Environmental Incident Classification and Reporting Procedure and A41-A45. SCAW has issued reminders on the need for permits and developed an EWMS for the activity. There have been no incidents of this nature since then.</p>	C
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					<p>SCAW incident report, 06/11/23 (dewatering incident contrary to SWMP).</p> <p>SCAW EWMS, Dewatering and Discharge 14/11/23</p> <p>SCAW calibration register and certificates (noise, surface water)</p> <p>Tree Hollow and Nest Box Review, AMBS, 09/02/23</p> <p>Nest Box Monitoring Report June 2023, AMBS, 25/07/23</p> <p>SCAW pre-clearing inspection, permit and post clearing permits (21 events), Feb – July 23</p> <p>SCAW SiteHive module (online)</p> <p>AEW FSM Construction Environmental Management Plan, Laing O'Rourke, 15/05/23</p> <p>Letter HBI to Sydney Metro, 25/05/23 (ER endorsement of AEW FSM CEMP)</p> <p>FSM Possession Packs WE10 and WE21, covers noise and vibration, heritage, waste and stockpiling</p> <p>Laing O'Rourke, Field View (checklist and inspection module), (online)</p> <p>FSM Prestarts, 06/12/23, 17/01/24, 16/01/24</p> <p>FSM Fortnightly Enviro Meeting Minutes 21/11/23, 05/12/23, 18/12/23, 16/01/24</p> <p>FSM Noise and Vibration Monitoring Result Register current to 19/11/23</p> <p>FSM OOHW permits, 15/08/23, 15/11/23</p> <p>FSM environmental inspections, 18/12/23, 10/01/24, 15/01/24, 18/11/23</p> <p>ER Monthly Reports for August 23 - February 24</p>		
C11	<p>In addition to the relevant requirements of the CEMF, the Flora and Fauna CEMP Sub-plan must include but not be limited to:</p> <p>(a) details of how the requirements of Conditions E11 will be met;</p> <p>(b) details of a dewatering plan of farm dams including:</p> <p>(i) supervision of dewatering by a suitably qualified ecologist;</p> <p>(ii) a methodology for the transfer of native fauna species known to inhabit and/or use the dam;</p> <p>(iii) the location and suitability of the proposed relocation sites; and</p> <p>(iv) any potential impacts of relocating the fauna to the relocation sites;</p> <p>(c) protocols for incidental finds of threatened species and ecological communities within the construction boundary</p>	Applicable	Applicable	Applicable	<p>SBT NSW (Off-airport) Flora and Fauna Management Sub-plan, 20/02/24 (SBT FFMP)</p> <p>SCAW Fauna and Flora Management Sub-plan, 13/03/23 (SCAW FFMP, updated with revised Nest Box Strategy) including procedures, and evidence of consultation</p>	The Auditor has reviewed the SBT and SCAW FFMPs and considers that they adequately address the requirements of this condition as relevant.	C
C12	<p>In addition to the relevant requirements of the CEMF, the Soil and Water CEMP Sub-Plan must include but not be limited to:</p> <p>(a) details how the requirements of Conditions E127, E128 and E129 will be met; and</p> <p>(b) the unexpected, contaminated finds protocol required by Condition E98.</p>	Applicable	Applicable	Applicable	<p>SBT NSW (Off-Airport) Soil and Water Management Sub-Plan, 21/09/22 (SBT SWMP) including Groundwater Monitoring Program, Surface Water Monitoring Program, Procedures, evidence of consultation and ER endorsement</p> <p>SCAW Soil and Water Management Sub-plan, 04/10/2023 (SCAW SWMP) including surface water quality monitoring program, procedures and evidence of consultation</p>	The Auditor has reviewed the SBT and SCAW SWMPs and considers that they adequately address the requirements of this condition as relevant.	C
Construction Monitoring Programs							

C13	<p>The following Construction Monitoring Programs must be prepared in consultation with the relevant government agencies (as required by Condition A6) identified for each to compare actual performance of construction of the CSSI against the performance predicted in the documents listed in Condition A1 or in the CEMP. Where a government agency(ies) request(s) is not included, the Proponent must provide the Planning Secretary / ER (whichever is applicable) justification as to why.</p> <table border="1"> <thead> <tr> <th></th> <th>Required Construction Monitoring Programs</th> <th>Relevant government agencies to be consulted for each Construction Monitoring Program</th> </tr> </thead> <tbody> <tr> <td>(a)</td> <td>Noise and vibrations</td> <td>Relevant Councils and WaterNSW (in relation to its assets)</td> </tr> <tr> <td>(b)</td> <td>Surface water quality</td> <td>DPIE Water, DPI Fisheries, and Relevant Councils</td> </tr> <tr> <td>(c)</td> <td>Groundwater</td> <td>DPIE Water</td> </tr> <tr> <td>(d)</td> <td>Air Quality</td> <td>Relevant Councils</td> </tr> </tbody> </table>		Required Construction Monitoring Programs	Relevant government agencies to be consulted for each Construction Monitoring Program	(a)	Noise and vibrations	Relevant Councils and WaterNSW (in relation to its assets)	(b)	Surface water quality	DPIE Water, DPI Fisheries, and Relevant Councils	(c)	Groundwater	DPIE Water	(d)	Air Quality	Relevant Councils	Applicable	Applicable	Applicable	<p>Staging Report, Sydney Metro, Rev 9.0, 05/05/23</p> <p>Letter HBI to Sydney Metro, 05/05/23 (ER endorsement of Rev 9 of Staging Report)</p> <p>Letter DPHI to Sydney Metro, 26/05/23 (DPHI acknowledgement of Rev 9 of Staging Report)</p> <p>SBT NSW (Off-airport) Construction Noise and Vibration Management Sub-plan, 20/02/24 (SBT NVMP) including Noise and Vibration Monitoring Program</p> <p>SBT NSW (Off-Airport) Soil and Water Management Sub-Plan, 21/09/22 (SBT SWMP) including Groundwater Monitoring Program, Surface Water Monitoring Program, Procedures, evidence of consultation and ER endorsement</p> <p>Letters HBI to Sydney Metro, 27/02/24, (ER endorsement of update to SBT NVMP and FFMP)</p> <p>SCAW Noise and Vibration Management Sub-plan, 13/12/2023 (SCAW NVMP) including noise and vibration monitoring program and records of consultation, revised in response to Sydney Metro and ER comments</p> <p>SCAW Soil and Water Management Sub-plan, 04/10/2023 (SCAW SWMP) including surface water quality monitoring program, procedures and evidence of consultation</p> <p>SCAW Air Quality Management Subplan, 29/09/23 (SCAW AQMP) including air quality monitoring program, procedures and evidence of consultation, revised in response to Sydney Metro and ER comments on Rev2</p> <p>Letter HBI to Sydney Metro, 19/12/23 (ER endorsement of updated SCAW CEMP, AQMP, NVMP, SWMP)</p>	<p>The Staging Report identifies what monitoring programs are required for each stage of works.</p> <p>For AEW the monitoring requirements listed in this condition have been identified under the Staging Report as being part of the relevant CEMP (or not relevant at all), rather than as a separate document.</p> <p>The Staging Report identifies that the SBT main works would require monitoring programs for Noise and Vibration, Surface Water, Groundwater and Air Quality. All are required to be endorsed by the ER. Only the Noise and Vibration and Groundwater Monitoring Programs required Department approval. Endorsement and approval was granted prior to the commencement of the relevant works and prior to the current audit period. Refer to earlier audit reports for details on consultation, endorsement and approval that occurred prior to the current audit period. Minor updates were made to the NVMP during the audit period and were endorsed by the ER in February 24..</p> <p>The Staging Report identifies that the SCAW main works would require monitoring programs for Noise and Vibration, Surface Water and Air Quality. All are required to be endorsed by the ER. Only the Noise and Vibration and Surface Water monitoring programs require Department approval. Endorsement and approval was granted prior to the commencement of the relevant works and prior to the current audit period. Refer to earlier audit reports for details on consultation, endorsement and approval that occurred prior to the current audit period.. The NVMP, SWMP and AQMP underwent minor updates during the audit period and were endorsed by the ER in December 23.</p>	C
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C14	<p>Each Construction Monitoring Program must provide:</p> <p>(a) details of baseline data available including the period of baseline monitoring;</p> <p>(b) details of baseline data to be obtained and when;</p> <p>(c) details of all monitoring of the project to be undertaken;</p> <p>(d) the parameters of the project to be monitored;</p> <p>(e) the frequency of monitoring to be undertaken;</p> <p>(f) the location of monitoring;</p> <p>(g) the reporting of monitoring results and analysis results against relevant criteria;</p> <p>(h) details of the methods that will be used to analyse the monitoring data;</p> <p>(i) procedures to identify and implement additional mitigation measures where the results of the monitoring indicated unacceptable project impacts;</p> <p>(j) a consideration of SMART principles;</p> <p>(k) any consultation to be undertaken in relation to the monitoring programs; and</p> <p>(l) any specific requirements as required by Conditions C15 to C16.</p>	Applicable	Applicable	Applicable	<p>SBT NSW (Off-airport) Construction Noise and Vibration Management Sub-plan, 20/02/24 (SBT NVMP) including Noise and Vibration Monitoring Program</p> <p>SBT NSW (Off-Airport) Soil and Water Management Sub-Plan, 21/09/22 (SBT SWMP) including Groundwater Monitoring Program, Surface Water Monitoring Program, Procedures, evidence of consultation and ER endorsement</p> <p>SCAW Noise and Vibration Management Sub-plan, 13/12/2023 (SCAW NVMP) including noise and vibration monitoring program and records of consultation, revised in response to Sydney Metro and ER comments</p> <p>SCAW Soil and Water Management Sub-plan, 04/10/2023 (SCAW SWMP) including surface water quality monitoring program, procedures and evidence of consultation</p> <p>SCAW Air Quality Management Subplan, 29/09/23 (SCAW AQMP) including air quality monitoring program, procedures and evidence of consultation, revised in response to Sydney Metro and ER comments on Rev2</p>	<p>The Auditor has reviewed the monitoring programs and is of the view that the requirements from the condition have been satisfied as relevant.</p> <p>SBT Observation: CPBG advise that it is not intending on discharging treated water from the construction WTPs to the environment due to treated water not meeting criteria (water is being discharged to tradewaste). The Auditor observes that the downstream monitoring location at Orchard Hills is not downstream of any current WTP discharges (and there is no downstream discharges from any basins). If CPBG does not propose to discharge to environment, then the surface water monitoring program should be reviewed (and potentially revised).</p>	C															
C15	<p>The Noise and Vibration Construction Monitoring Program must include:</p> <p>(a) noise and vibration monitoring at representative residential and other locations (including at the worst- affected residences), subject to property owner approval, to confirm construction noise and vibration levels;</p> <p>(b) monitoring undertaken during the day, evening and night-time periods throughout the construction period and cover the range of activities being undertaken;</p> <p>(c) method and frequency for reporting monitoring results; and</p> <p>(d) a process to undertake real time noise and vibration monitoring.</p> <p>The results of the monitoring must be readily available to the construction team, the Proponent and ER. The Planning Secretary and EPA must be provided with access to the results on request.</p>	Applicable	Applicable	Applicable	<p>SBT NSW (Off-airport) Construction Noise and Vibration Management Sub-plan, 20/02/24 (SBT NVMP) including Noise and Vibration Monitoring Program</p> <p>SCAW Noise and Vibration Management Sub-plan, 13/12/2023 (SCAW NVMP) including noise and vibration monitoring program and records of consultation, revised in response to Sydney Metro and ER comments</p> <p>https://www.sydneymetro.info/documents</p> <p>https://www.cpbcon.com.au/our-projects/2022/sydney-metro-western-sydney-airport-surface-and-civil-alignment-works</p>	<p>The Auditor has reviewed the monitoring programs and is of the view that the requirements from the condition have been satisfied as relevant.</p> <p>Results are available online.</p>	C															

C16	<p>Groundwater Construction Monitoring Program must include:</p> <p>(a) groundwater monitoring networks at each construction excavation site predicted to intercept groundwater in the documents listed in Condition A1;</p> <p>(b) detail of the location of all monitoring bores with nested sites to monitor both shallow and deep groundwater levels and quality;</p> <p>(c) define the location of saltwater interception monitoring where sentinel groundwater monitoring bores will be installed between the saline sources and that of each construction excavation site predicted to intercept groundwater in the documents listed in Condition A1;</p> <p>(d) results from existing monitoring bores;</p> <p>(e) monitoring and gauging of groundwater inflow to the excavations predicted to intercept groundwater in the documents listed in Condition A1, appropriate trigger action response plan for all predicted groundwater impacts upon each noted neighbouring groundwater system component for each excavation construction site;</p> <p>(f) trigger levels for groundwater quality, salinity and groundwater drawdown in monitoring bores and / or other groundwater users;</p> <p>(g) daily measurement of the amount of water discharged from the water treatment plants;</p> <p>(h) water quality testing of the water discharged from treatment plants;</p> <p>(i) management and mitigation measures and criteria, including measures to address impacts on groundwater dependent ecosystems;</p> <p>(j) groundwater inflow to the excavations to enable a full accounting of the groundwater take from the Sydney Basin Central Groundwater Source;</p> <p>(k) reporting of groundwater gauging at excavations, groundwater monitoring, groundwater trigger events and action responses; and</p> <p>(l) methods for providing the data collected to Sydney Water where discharges are directed to their assets.</p>	Applicable	Applicable	Applicable	<p>SBT NSW (Off-Airport) Soil and Water Management Sub-Plan, 21/09/22 (SBT SWMP) including Groundwater Monitoring Program, Surface Water Monitoring Program, Procedures, evidence of consultation and ER endorsement</p>	<p>The Auditor has reviewed the monitoring programs and is of the view that the requirements from the condition have been satisfied as relevant.</p>	C
C17	<p>With the exception of any Construction Monitoring Programs expressly nominated by the Planning Secretary to be endorsed by the ER, all Construction Monitoring Programs must be submitted to the Planning Secretary for approval.</p>	Applicable	Applicable	Applicable	<p>Staging Report, Sydney Metro, Rev 9.0, 05/05/23</p> <p>Letter HBI to Sydney Metro, 05/05/23 (ER endorsement of Rev 9 of Staging Report)</p> <p>Letter DPHI to Sydney Metro, 26/05/23 (DPHI acknowledgement of Rev 9 of Staging Report)</p> <p>SBT NSW (Off-airport) Construction Noise and Vibration Management Sub-plan, 20/02/24 (SBT NVMP) including Noise and Vibration Monitoring Program</p> <p>SBT NSW (Off-Airport) Soil and Water Management Sub-Plan, 21/09/22 (SBT SWMP) including Groundwater Monitoring Program, Surface Water Monitoring Program, Procedures, evidence of consultation and ER endorsement</p> <p>Letters HBI to Sydney Metro, 27/02/24, (ER endorsement of update to SBT NVMP and FFMP)</p> <p>SCAW Noise and Vibration Management Sub-plan, 13/12/2023 (SCAW NVMP) including noise and vibration monitoring program and records of consultation, revised in response to Sydney Metro and ER comments</p> <p>SCAW Soil and Water Management Sub-plan, 04/10/2023 (SCAW SWMP) including surface water quality monitoring program, procedures and evidence of consultation</p> <p>SCAW Air Quality Management Subplan, 29/09/23 (SCAW AQMP) including air quality monitoring program, procedures and evidence of consultation, revised in response to Sydney Metro and ER comments on Rev2</p> <p>Letter HBI to Sydney Metro, 19/12/23 (ER endorsement of updated SCAW CEMP, AQMP, NVMP, SWMP)</p>	<p>The Staging Report identifies what monitoring programs are required for each stage of works.</p> <p>For AEW the monitoring requirements listed in this condition have been identified under the Staging Report as being part of the relevant CEMP (or not relevant at all), rather than as a separate document.</p> <p>The Staging Report identifies that the SBT main works would require monitoring programs for Noise and Vibration, Surface Water, Groundwater and Air Quality. All are required to be endorsed by the ER. Only the Noise and Vibration and Groundwater Monitoring Programs required Department approval. Endorsement and approval was granted prior to the commencement of the relevant works and prior to the current audit period. Refer to earlier audit reports for details on consultation, endorsement and approval that occurred prior to the current audit period. Minor updates were made to the NVMP during the audit period and were endorsed by the ER in February 24..</p> <p>The Staging Report identifies that the SCAW main works would require monitoring programs for Noise and Vibration, Surface Water and Air Quality. All are required to be endorsed by the ER. Only the Noise and Vibration and Surface Water monitoring programs require Department approval. Endorsement and approval was granted prior to the commencement of the relevant works and prior to the current audit period. Refer to earlier audit reports for details on consultation, endorsement and approval that occurred prior to the current audit period.. The NVMP, SWMP and AQMP underwent minor updates during the audit period and were endorsed by the ER in December 23.</p>	C

C18	<p>The Construction Monitoring Programs not requiring the Planning Secretary's approval must obtain the endorsement of the ER as being in accordance with the conditions of approval and all undertakings made in the documents listed in Condition A1. Any of these Construction Monitoring Programs must be submitted to the ER for endorsement at least one (1) month before the commencement of construction or where construction is staged no later than one (1) month before the commencement of that stage</p>	Applicable	Applicable	Applicable	<p>Staging Report, Sydney Metro, Rev 9.0, 05/05/23</p> <p>Letter HBI to Sydney Metro, 05/05/23 (ER endorsement of Rev 9 of Staging Report)</p> <p>Letter DPHI to Sydney Metro, 26/05/23 (DPHI acknowledgement of Rev 9 of Staging Report)</p> <p>SBT NSW (Off-airport) Construction Noise and Vibration Management Sub-plan, 20/02/24 (SBT NVMP) including Noise and Vibration Monitoring Program</p> <p>SBT NSW (Off-Airport) Soil and Water Management Sub-Plan, 21/09/22 (SBT SWMP) including Groundwater Monitoring Program, Surface Water Monitoring Program, Procedures, evidence of consultation and ER endorsement</p> <p>Letters HBI to Sydney Metro, 27/02/24, (ER endorsement of update to SBT NVMP and FFMP)</p> <p>SCAW Noise and Vibration Management Sub-plan, 13/12/2023 (SCAW NVMP) including noise and vibration monitoring program and records of consultation, revised in response to Sydney Metro and ER comments</p> <p>SCAW Soil and Water Management Sub-plan, 04/10/2023 (SCAW SWMP) including surface water quality monitoring program, procedures and evidence of consultation</p> <p>SCAW Air Quality Management Subplan, 29/09/23 (SCAW AQMP) including air quality monitoring program, procedures and evidence of consultation, revised in response to Sydney Metro and ER comments on Rev2</p> <p>Letter HBI to Sydney Metro, 19/12/23 (ER endorsement of updated SCAW CEMP, AQMP, NVMP, SWMP)</p>	<p>The Staging Report identifies what monitoring programs are required for each stage of works.</p> <p>For AEW the monitoring requirements listed in this condition have been identified under the Staging Report as being part of the relevant CEMP (or not relevant at all), rather than as a separate document.</p> <p>The Staging Report identifies that the SBT main works would require monitoring programs for Noise and Vibration, Surface Water, Groundwater and Air Quality. All are required to be endorsed by the ER. Only the Noise and Vibration and Groundwater Monitoring Programs required Department approval. Endorsement and approval was granted prior to the commencement of the relevant works and prior to the current audit period. Refer to earlier audit reports for details on consultation, endorsement and approval that occurred prior to the current audit period. Minor updates were made to the NVMP during the audit period and were endorsed by the ER in February 24..</p> <p>The Staging Report identifies that the SCAW main works would require monitoring programs for Noise and Vibration, Surface Water and Air Quality. All are required to be endorsed by the ER. Only the Noise and Vibration and Surface Water monitoring programs require Department approval. Endorsement and approval was granted prior to the commencement of the relevant works and prior to the current audit period. Refer to earlier audit reports for details on consultation, endorsement and approval that occurred prior to the current audit period.. The NVMP, SWMP and AQMP underwent minor updates during the audit period and were endorsed by the ER in December 23.</p>	C
C19	<p>The Construction Monitoring Programs not requiring the Planning Secretary's approval must obtain the endorsement of the ER as being in accordance with the conditions of approval and all undertakings made in the documents listed in Condition A1. Any of these Construction Monitoring Programs must be submitted to the ER for endorsement at least one (1) month before the commencement of construction or where construction is staged no later than one (1) month before the commencement of that stage</p>	Applicable	Applicable	Applicable	<p>Staging Report, Sydney Metro, Rev 9.0, 05/05/23</p> <p>Letter HBI to Sydney Metro, 05/05/23 (ER endorsement of Rev 9 of Staging Report)</p> <p>Letter DPHI to Sydney Metro, 26/05/23 (DPHI acknowledgement of Rev 9 of Staging Report)</p> <p>SBT NSW (Off-airport) Construction Noise and Vibration Management Sub-plan, 20/02/24 (SBT NVMP) including Noise and Vibration Monitoring Program</p> <p>SBT NSW (Off-Airport) Soil and Water Management Sub-Plan, 21/09/22 (SBT SWMP) including Groundwater Monitoring Program, Surface Water Monitoring Program, Procedures, evidence of consultation and ER endorsement</p> <p>Letters HBI to Sydney Metro, 27/02/24, (ER endorsement of update to SBT NVMP and FFMP)</p> <p>SCAW Noise and Vibration Management Sub-plan, 13/12/2023 (SCAW NVMP) including noise and vibration monitoring program and records of consultation, revised in response to Sydney Metro and ER comments</p> <p>SCAW Soil and Water Management Sub-plan, 04/10/2023 (SCAW SWMP) including surface water quality monitoring program, procedures and evidence of consultation</p> <p>SCAW Air Quality Management Subplan, 29/09/23 (SCAW AQMP) including air quality monitoring program, procedures and evidence of consultation, revised in response to Sydney Metro and ER comments on Rev2</p> <p>Letter HBI to Sydney Metro, 19/12/23 (ER endorsement of updated SCAW CEMP, AQMP, NVMP, SWMP)</p>	<p>The Staging Report identifies what monitoring programs are required for each stage of works.</p> <p>For AEW the monitoring requirements listed in this condition have been identified under the Staging Report as being part of the relevant CEMP (or not relevant at all), rather than as a separate document.</p> <p>The Staging Report identifies that the SBT main works would require monitoring programs for Noise and Vibration, Surface Water, Groundwater and Air Quality. All are required to be endorsed by the ER. Only the Noise and Vibration and Groundwater Monitoring Programs required Department approval. Endorsement and approval was granted prior to the commencement of the relevant works and prior to the current audit period. Refer to earlier audit reports for details on consultation, endorsement and approval that occurred prior to the current audit period. Minor updates were made to the NVMP during the audit period and were endorsed by the ER in February 24..</p> <p>The Staging Report identifies that the SCAW main works would require monitoring programs for Noise and Vibration, Surface Water and Air Quality. All are required to be endorsed by the ER. Only the Noise and Vibration and Surface Water monitoring programs require Department approval. Endorsement and approval was granted prior to the commencement of the relevant works and prior to the current audit period. Refer to earlier audit reports for details on consultation, endorsement and approval that occurred prior to the current audit period.. The NVMP, SWMP and AQMP underwent minor updates during the audit period and were endorsed by the ER in December 23.</p>	C

C20	<p>Unless otherwise agreed with the Planning Secretary, construction must not commence until the Planning Secretary has approved, or the ER has endorsed (whichever is applicable), all of the required Construction Monitoring Programs and all relevant baseline data for the specific construction activity has been collected.</p>	Applicable	Applicable	Applicable	<p>Staging Report, Sydney Metro, Rev 9.0, 05/05/23</p> <p>Letter HBI to Sydney Metro, 05/05/23 (ER endorsement of Rev 9 of Staging Report)</p> <p>Letter DPHI to Sydney Metro, 26/05/23 (DPHI acknowledgement of Rev 9 of Staging Report)</p> <p>SBT NSW (Off-airport) Construction Noise and Vibration Management Sub-plan, 20/02/24 (SBT NVMP) including Noise and Vibration Monitoring Program</p> <p>SBT NSW (Off-Airport) Soil and Water Management Sub-Plan, 21/09/22 (SBT SWMP) including Groundwater Monitoring Program, Surface Water Monitoring Program, Procedures, evidence of consultation and ER endorsement</p> <p>Letters HBI to Sydney Metro, 27/02/24, (ER endorsement of update to SBT NVMP and FFMP)</p> <p>SCAW Noise and Vibration Management Sub-plan, 13/12/2023 (SCAW NVMP) including noise and vibration monitoring program and records of consultation, revised in response to Sydney Metro and ER comments</p> <p>SCAW Soil and Water Management Sub-plan, 04/10/2023 (SCAW SWMP) including surface water quality monitoring program, procedures and evidence of consultation</p> <p>SCAW Air Quality Management Subplan, 29/09/23 (SCAW AQMP) including air quality monitoring program, procedures and evidence of consultation, revised in response to Sydney Metro and ER comments on Rev2</p> <p>Letter HBI to Sydney Metro, 19/12/23 (ER endorsement of updated SCAW CEMP, AQMP, NVMP, SWMP)</p>	<p>The Staging Report identifies what monitoring programs are required for each stage of works.</p> <p>For AEW the monitoring requirements listed in this condition have been identified under the Staging Report as being part of the relevant CEMP (or not relevant at all), rather than as a separate document.</p> <p>The Staging Report identifies that the SBT main works would require monitoring programs for Noise and Vibration, Surface Water, Groundwater and Air Quality. All are required to be endorsed by the ER. Only the Noise and Vibration and Groundwater Monitoring Programs required Department approval. Endorsement and approval was granted prior to the commencement of the relevant works and prior to the current audit period. Refer to earlier audit reports for details on consultation, endorsement and approval that occurred prior to the current audit period. Minor updates were made to the NVMP during the audit period and were endorsed by the ER in February 24..</p> <p>The Staging Report identifies that the SCAW main works would require monitoring programs for Noise and Vibration, Surface Water and Air Quality. All are required to be endorsed by the ER. Only the Noise and Vibration and Surface Water monitoring programs require Department approval. Endorsement and approval was granted prior to the commencement of the relevant works and prior to the current audit period. Refer to earlier audit reports for details on consultation, endorsement and approval that occurred prior to the current audit period.. The NVMP, SWMP and AQMP underwent minor updates during the audit period and were endorsed by the ER in December 23.</p>	C
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C21	<p>The Construction Monitoring Programs, as approved by the Planning Secretary or the ER has endorsed (whichever is applicable), including any minor amendments approved by the ER, must be implemented for the duration of construction and for any longer period set out in the monitoring program or specified by the Planning Secretary or the ER (whichever is applicable), whichever is the greater.</p>	Applicable	Applicable	Applicable	<p>SBT NSW (Off-airport) Construction Noise and Vibration Management Sub-plan, 20/02/24 (SBT NVMP) including Noise and Vibration Monitoring Program</p> <p>SBT NSW (Off-Airport) Soil and Water Management Sub-Plan, 21/09/22 (SBT SWMP) including Groundwater Monitoring Program, Surface Water Monitoring Program, Procedures, evidence of consultation and ER endorsement</p> <p>Letters HBI to Sydney Metro, 27/02/24, (ER endorsement of update to SBT NVMP and FFMP)</p> <p>SBT Groundwater Monitoring Report, July – November 23, 29/01/24</p> <p>SBT Surface Water Monitoring Report, May – October 23, 30/11/23</p> <p>SBT Noise and Vibration Monitoring Report, May – October 23, 30/11/23</p> <p>https://www.sydneymetro.info/documents</p> <p>SCAW Noise and Vibration Management Sub-plan, 13/12/2023 (SCAW NVMP) including noise and vibration monitoring program and records of consultation, revised in response to Sydney Metro and ER comments</p> <p>SCAW Soil and Water Management Sub-plan, 04/10/2023 (SCAW SWMP) including surface water quality monitoring program, procedures and evidence of consultation</p> <p>SCAW Air Quality Management Subplan, 29/09/23 (SCAW AQMP) including air quality monitoring program, procedures and evidence of consultation, revised in response to Sydney Metro and ER comments on Rev2</p> <p>Letter HBI to Sydney Metro, 19/12/23 (ER endorsement of updated SCAW CEMP, AQMP, NVMP, SWMP)</p> <p>SCAW consolidated monitoring result register, 30/01/24</p> <p>SCAW 6-monthly construction monitoring reports on the CBUI website. https://www.cpbcon.com.au/our-projects/2022/sydney-metro-western-sydney-airport-surface-and-civil-alignment-works</p> <p>ER Monthly Reports for August 23 - February 24</p>	<p>At this stage SBT and SCAW have demonstrated that they are implementing the monitoring required at this stage of their works as is required under the monitoring programs. The AEW packages do not have monitoring programs (as per approved Staging Report).</p>	C
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C22	<p>The results of the Construction Monitoring Programs must be submitted to the Planning Secretary, ER and relevant regulatory agencies, for information in the form of a Construction Monitoring Report at the frequency identified in the relevant Construction Monitoring Program.</p> <p>Note: Where a relevant CEMP Sub-plan exists, the relevant Construction Monitoring Program may be incorporated into that CEMP Sub-plan.</p>	Applicable	Applicable	Applicable	<p>SBT NSW (Off-airport) Construction Noise and Vibration Management Sub-plan, 20/02/24 (SBT NVMP) including Noise and Vibration Monitoring Program</p> <p>SBT NSW (Off-Airport) Soil and Water Management Sub-Plan, 21/09/22 (SBT SWMP) including Groundwater Monitoring Program, Surface Water Monitoring Program, Procedures, evidence of consultation and ER endorsement</p> <p>Letters HBI to Sydney Metro, 27/02/24, (ER endorsement of update to SBT NVMP and FFMP)</p> <p>SBT Groundwater Monitoring Report, July – November 23, 29/01/24</p> <p>SBT Surface Water Monitoring Report, May – October 23, 30/11/23</p> <p>SBT Noise and Vibration Monitoring Report, May – October 23, 30/11/23</p> <p>https://www.sydneymetro.info/documents</p> <p>Email (teambinder) SBT to ER, 08/06/23 (submission of first 6 monthly noise and vibration monitoring report to ER)</p> <p>Email SBT to ER, 03/06/23 (submission of first 6 monthly surface water monitoring report to ER)</p> <p>Email (teambinder) SBT to ER, 07/06/23 (submission of baseline 6 monthly groundwater monitoring report to ER)</p> <p>Letter DPPI to Sydney Metro, 13/06/23 (acknowledgement of first 6 monthly Noise and Vibration monitoring report).</p> <p>Letter DPPI to Sydney Metro, 13/06/23 (acknowledgement of first 6 monthly surface water monitoring report).</p> <p>Letter DPPI to Sydney Metro, 22/06/23 (acknowledgement of baseline 6 monthly groundwater monitoring report).</p> <p>Email SBT to ER 30/11/23 (submission of second 6 monthly surface water and noise and vibration monitoring reports to the ER).</p> <p>Email SBT to SBT, 25/01/24 (evidence showing submission of second 6 monthly groundwater monitoring report to ER).</p> <p>Letter DPPI to Sydney Metro, 12/12/23 (acknowledgement of receipt of second 6 monthly surface water and noise and vibration monitoring reports).</p> <p>Letter DPPI to Sydney Metro 31/01/24 (acknowledgement of receipt of second 6 monthly groundwater monitoring report).</p> <p>SCAW Noise and Vibration Management Sub-plan, 13/12/2023 (SCAW NVMP) including noise and vibration monitoring program and records of consultation, revised in response to Sydney Metro and ER comments</p> <p>SCAW Soil and Water Management Sub-plan, 04/10/2023 (SCAW SWMP) including surface water quality monitoring program, procedures and evidence of consultation</p> <p>SCAW Air Quality Management Subplan, 29/09/23 (SCAW AQMP) including air quality monitoring program, procedures and evidence of consultation, revised in response to Sydney Metro and ER comments on Rev2</p> <p>Letter HBI to Sydney Metro, 19/12/23 (ER endorsement of updated SCAW CEMP, AQMP, NVMP, SWMP)</p> <p>SCAW consolidated monitoring result register, 30/01/24</p> <p>SCAW 6-monthly construction monitoring reports on the CBUI website. https://www.cpbcon.com.au/our-</p>	<p>According to the records sighted the Monitoring Reports have been submitted and made publicly available in line with the requirements of this condition.</p>	C
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PART D – OPERATIONAL ENVIRONMENTAL MANAGEMENT																			
Operational Environmental Management																			
D1	An Operational Environmental Management Plan (OEMP) must be prepared having regard to the Environmental Management Plan Guideline for Infrastructure Projects (Department Planning, Industry and Environment 2020). The OEMP must detail how the performance outcomes, commitments and mitigation measures made and identified in the documents listed in Condition A1 will be implemented and achieved during operation. This condition (Condition D1) does not apply if Condition D2 of this approval applies.	Not Applicable	Not Applicable	Applicable	Site inspection 06, 12, 13/02/24	The Project is in construction	NT												
D2	An OEMP is not required for the CSSI if the Proponent has an Environmental Management System (EMS) or equivalent as agreed with the Planning Secretary, and demonstrates, to the satisfaction of the Planning Secretary, that through the EMS or equivalent: (a) the performance outcomes, commitments and mitigation measures, made and identified in the documents listed in Condition A1, and specified relevant terms of this approval can be achieved; (b) issues identified through ongoing risk analysis can be managed; and (c) procedures are in place for rectifying any non-compliance with this approval identified during compliance auditing, incident management or any other time during operation.	Not Applicable	No Applicable	Applicable	Site inspection 06, 12, 13/02/24	The Project is in construction	NT												
D3	Where an OEMP is required, the Proponent must include the following OEMP Sub-plans in the OEMP: <table border="1"> <thead> <tr> <th></th> <th>Required OEMP Sub-Plan</th> <th>Relevant government agencies to be consulted for each OEMP Sub-Plan</th> </tr> </thead> <tbody> <tr> <td>(a)</td> <td>Groundwater Management</td> <td>DPIE Water</td> </tr> <tr> <td>(b)</td> <td>Bushfire Management Plan</td> <td>NSW Rural Fire Service</td> </tr> <tr> <td>(c)</td> <td>Flood Emergency Management Plan</td> <td>EES Group, DPIE Water, SES and Relevant Councils</td> </tr> </tbody> </table>		Required OEMP Sub-Plan	Relevant government agencies to be consulted for each OEMP Sub-Plan	(a)	Groundwater Management	DPIE Water	(b)	Bushfire Management Plan	NSW Rural Fire Service	(c)	Flood Emergency Management Plan	EES Group, DPIE Water, SES and Relevant Councils	Not Applicable	Not Applicable	Applicable	Site inspection 06, 12, 13/02/24	The Project is in construction	NT
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(c)	Flood Emergency Management Plan	EES Group, DPIE Water, SES and Relevant Councils																	
D4	Each of the OEMP Sub-plans must include the information set out in Condition D2 of this approval.	Not Applicable	Not Applicable	Applicable	Site inspection 06, 12, 13/02/24	The Project is in construction	NT												
D5	The OEMP Sub-plans must be developed in consultation with relevant government agencies as identified in Condition D3 and must include information requested by an agency to be included in an OEMP Sub-plan during such consultation. Details of all information requested by an agency to be included in an OEMP Sub-plan as a result of consultation, including copies of all correspondence from those agencies, must be provided with the relevant OEMP Sub-Plan .	Not Applicable	Not Applicable	Applicable	Site inspection 06, 12, 13/02/24	The Project is in construction	NT												
D6	The OEMP Sub-plans must be submitted to the Planning Secretary as part of the OEMP	Not Applicable	Not Applicable	Applicable	Site inspection 06, 12, 13/02/24	The Project is in construction	NT												
D7	The OEMP or EMS or equivalent as agreed with the Planning Secretary, must be submitted to the Planning Secretary for information no later than one (1) month before the commencement of operation.	Not Applicable	Not Applicable	Applicable	Site inspection 06, 12, 13/02/24	The Project is in construction	NT												
D8	The OEMP or EMS or equivalent, as submitted to the Planning Secretary and amended from time to time, must be implemented for the duration of operation or as agreed with the Planning Secretary. The OEMP or EMS or equivalent must be made publicly available before the commencement of operation.	Not Applicable	Not Applicable	Applicable	Site inspection 06, 12, 13/02/24	The Project is in construction	NT												
PART E – KEY ISSUE CONDITIONS																			
Air Quality																			

E1	All reasonably practicable measures must be implemented to minimise the emission of dust and other air pollutants during construction	Applicable	Applicable	Applicable	<p>Site inspection 06, 12, 13/02/24</p> <p>ER Monthly Reports for August 23 - February 24</p> <p>SBT Project induction (no date) including information on sustainability, hold points, legal requirements, soil and water, contamination and spills, noise and vibration, flora and fauna, visual amenity, air quality, waste</p> <p>SBT Toolbox Talk register, August 23 – Jan 24 (environmental toolbox talk register, showing 24 x enviro toolbox deliveries in last 6 months covering dust management, concrete washout, water management and ERSED, Tree Clearing, WTP, mud tracking, bunding and chemical storage, groundwater management and OOHV)</p> <p>SBT internal environmental monthly reports Aug 23 – Jan 24 (include SiteHive dust summaries),</p> <p>SBT weekly synergy reports (inspection register)</p> <p>SCAW Project induction, Rev22 (covers air quality, contamination, biodiversity, heritage, unexpected finds (heritage and contam), spoil import, ERSED, noise and vibration, waste chemicals, spills, incidents and permits)</p> <p>SCAW Work Pack, Falsework Load Transfer Warragamba Central (no date),</p> <p>SCAW weekly synergy reports (inspection register)</p> <p>SCAW SiteHive module (online)</p> <p>SCAW Work Pack, Elizabeth Drive, 21/07/2</p> <p>SCAW Erosion and Sediment Control Plans (ERSED Plan) Luddenham Road to Pipeline Rev 09, Elizabeth Drive Compound Rev 10, Paton's Lane to Lansdowne Rev6, Defence Rev04.</p> <p>SCAW dust deposition results, current 08/01/24 and exceedance record January 2024</p> <p>SCAW site hive data</p>	<p>SBT appears to have implemented relevant controls from the CEMP and Sub-plans to minimize dust. This includes use of water, soil binders and prioritization of stabilized and building hardstand areas. Dust management has been communicated to the workforce. SiteHive units have recorded dust at each compound, with SBT attributing spikes to humidity / moisture and not dust. SBT inspection reports include a requirement to confirm that dust suppression measures are in place. No material issues recorded.</p> <p>SCAW appears to have implemented relevant controls from the CEMP and Sub-plans to minimize dust. SCAW is monitoring deposited dust and real time dust via SiteHive. Results are adequate (noting however some very large spikes in dust on the SiteHive, which appears to be attributable to moisture/humidity). Erosion and sediment control plans have been implemented which has a positive influence on air quality. Dust management has been communicated to the workforce via the induction.</p> <p>6 x air quality complaints were recorded during the audit period (including 3 x from 146D Samuel Marsden Road, refer to B7-B10 regarding this complainant).</p>	C
Biodiversity and Trees							

E2	The clearing of native vegetation must be minimised to the greatest extent practicable with the objective of reducing impacts to threatened ecological communities and threatened species habitat	Applicable	Applicable	Applicable	<p>SBT NSW (Off-airport) Flora and Fauna Management Sub-plan, 20/02/24 (SBT FFMP)</p> <p>SBT Hydrogeological Interpretive Report, (040403) (shows PCTs and consideration of site layout)</p> <p>SBT Site Establishment design report Bringelly (PKG 051001), and Orchard Hills (031801)</p> <p>SBT Permit to Clear, (permits 022 - 024)</p> <p>SBT interview 07-08/02/24</p> <p>SBT pre-clearance inspection Orchard Hills South (offset variations), 12/10/22</p> <p>Letter Metro to DPHI, 10/11/22 (evidence of retirement of ecosystem credits as at 31/11/22).</p> <p>SCAW Fauna and Flora Management Sub-plan, 13/03/23 (SCAW FFMP, updated with revised Nest Box Strategy) including procedures, and evidence of consultation</p> <p>SCAW GIS module (online)</p> <p>SCAW Revised Biodiversity Credit Requirements, AMBS, 01/09/22 and 12/10/22</p> <p>SCAW Revised Biodiversity Credit Requirements, AMBS, 17/05/23</p> <p>Letter Sydney Metro to DPHI, 14/08/23 (conditions E4, E5, E7 – evidence of updated credit retirement)</p> <p>DPHI post approval portal lodgement, 15/08/23 (submission of updated credit retirement)</p> <p>SCAW pre-clearing inspection, permit and post clearing permits (15 events), Aug 23 – November 23</p> <p>Metro interview 01-13/02/24</p> <p>AEW FSM Arboricultural Impact Assessment, Tree Report Arboricultural Consulting, August 2023.</p>	<p>The SBT site establishment design reports show that site configurations and layouts have been developed with the view that native vegetation is retained. The native vegetation overlay has been used in the site establishment decision making process. There has been no material change to the site establishment footprints. The SBT permit to clear process is such that clearing is marked and controlled so that no additional impacts to that intended are carried out (i.e.: no clearing beyond specified area), that relevant credits have been retired (where necessary). The last round of clearing was conducted prior to the current audit period.</p> <p>The SCAW design has been refined so that only land required to build the project has been accounted for. However, updates to ecosystem credit retirements have been required to account for canopy cover that traverses the construction footprint. A revised ecosystem credit retirement was completed prior to the audit period. The new credits were retired prior to the relevant clearing occurring and remains below the total requirements approved by the Department and that specified in E4. The SCAW permit to clear process is such that clearing is marked and controlled so that no additional impacts to that intended are carried out (i.e.: no clearing beyond specified area), that relevant credits have been retired (where necessary). The clearing process is consistent with the approved FFMP.</p> <p>AEW FSM has removed 17 x landscaping/planted trees during the audit period, of which all but two were designated as medium value or below. The 2 x high value trees were dead (according to the arborist). The justifications for removal were either for permanent works or for access by the cranes (if cranes could not access the area then the alternative is that the carpark access be closed for each possession (and one week before and after)). The area is subject to landscaping post construction which will include planting. Note that this requirement is considered not applicable to FSM under the Staging Report. Sydney Metro and the ER both approved the removal of the trees.</p> <p>Metro have provided evidence that the construction footprint is greater than the clearing footprint (i.e.: demonstrating that clearing has been minimized).</p> <p>Condition E4 was modified to reduce the number of ecosystem credits to be retired, demonstrating that the clearing footprint has been reduced.</p>	C
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E3	<p>Impacts to plant community types must not exceed those identified in the documents listed in Condition A1, unless otherwise approved by the Planning Secretary. In requesting the Planning Secretary's approval, an assessment of the additional impact(s) to plant community types and an updated ecosystem and / or species credit requirement under Condition E4 below, if required, must be provided.</p>	Applicable	Applicable	Applicable	<p>SBT NSW (Off-airport) Flora and Fauna Management Sub-plan, 20/02/24 (SBT FFMP)</p> <p>SBT Hydrogeological Interpretive Report, (040403)</p> <p>SBT Site Establishment design report Bringelly (PKG 051001), and Orchard Hills (031801)</p> <p>SBT Permit to Clear, (permits 022 - 024)</p> <p>DPHI post approval portal lodgment 12/08/22 (retirement of ecosystem credits at Orchard Hills)</p> <p>SBT pre-clearance inspection Orchard Hills South (offset variations), 12/10/22</p> <p>SBT interview 07-08/02/24</p> <p>SBT pre-clearance inspection Orchard Hills South (offset variations), 12/10/22</p> <p>Letter Metro to DPHI, 10/11/22 (evidence of retirement of ecosystem credits as at 31/11/22).</p> <p>SCAW Fauna and Flora Management Sub-plan, 13/03/23 (SCAW FFMP, updated with revised Nest Box Strategy) including procedures, and evidence of consultation</p> <p>SCAW GIS module (online)</p> <p>SCAW Revised Biodiversity Credit Requirements, AMBS, 01/09/22 and 12/10/22</p> <p>SCAW Revised Biodiversity Credit Requirements, AMBS, 17/05/23</p> <p>Letter Sydney Metro to DPHI, 14/08/23 (conditions E4, E5, E7 – evidence of updated credit retirement)</p> <p>DPHI post approval portal lodgement, 15/08/23 (submission of updated credit retirement)</p> <p>SCAW pre-clearing inspection, permit and post clearing permits (15 events), Aug 23 – November 23</p> <p>Metro interview 01-13/02/24</p> <p>Letter Metro to DPHI, 10/11/22 (evidence of retirement of ecosystem credits as at 31/11/22)</p> <p>Letter DPHI to Sydney Metro, 04/11/22 (acknowledgement of evidence of the retirement of credits or payment to secure offsets to Department (E3))</p> <p>Letter DPHI to Sydney Metro, 18/11/22 (acknowledgement of evidence to demonstrate that biodiversity credits have been retired prior to removal of native vegetation associated with the SCAW construction stage as required under condition E4))</p> <p>Sydney Metro SMWSA Offset tracker, current to 27/07/23 (parent tracker)</p> <p>Letter DPHI to Sydney Metro, 23/05/23 (approval to retire additional ecosystem credits as per E3 and E4 for Dilwinia and Pultenea)</p> <p>Letter Sydney Metro to DPHI 15/06/23 (submission of Dillwynia and Pultenea ecosystem retirement evidence (provision of BCF certificate to DPHI, under E7))</p> <p>Letter DPHI to Sydney Metro, 28/06/23 (DPHI acknowledgement of BCF payment)</p>	<p>Refer above.</p> <p>The SBT and SCAW permit to clear process is such that clearing is marked and controlled so that no additional impacts to that intended are carried out (i.e.: no clearing beyond specified area), that relevant credits have been retired (where necessary). The pre-clearing permit includes a review of the land being taken.</p> <p>Metro have demonstrated that ecosystem credits have been retired prior to clearing of the relevant vegetation, and the number of credits used (i.e.: amount of vegetation used). The credits retired to do not exceed the amount specified in the EIS, and the Department has granted approval for the departure of clearing from E4.</p> <p>The only clearing on SBT attracting additional credit retirements were the Dillwynia and Pultenea cleared at orchard Hills in preparation for SSTOM. Evidence shows that clearing did not commence until after evidence of BCF retirement had been submitted to the Department. The work was completed prior to the current audit period.</p>	C
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E4	<p>As modified through MOD-1 (approved 14/04/22)</p> <p>Prior to impacts on the biodiversity values set out in Table 3 and Table 4, the number and classes of ecosystem credits and species credits (like-for-like) must be retired.</p> <p>Note: Credits have been calculated using the Biodiversity Assessment Method.</p> <p>Table 3: Ecosystem credits</p> <table border="1"> <thead> <tr> <th>Plant Community Type (PCT) ID and name</th> <th>Number of Credits</th> </tr> </thead> <tbody> <tr> <td>724: Broad-leaved Ironbark – Grey Box - Melaleuca decora grassy open forest on clay/gravel soils of the Cumberland Plain, Sydney Basin Bioregion</td> <td>246</td> </tr> <tr> <td>835: Forest Red Gum – Rough-barked Apple grassy woodland on alluvial flats of the Cumberland Plain, Sydney Basin Bioregion</td> <td>217</td> </tr> <tr> <td>849: Grey Box – Forest Red Gum grassy woodland on flats of the Cumberland Plain, Sydney Basin Bioregion</td> <td>202 204</td> </tr> <tr> <td>1800: Swamp Oak open forest on riverflats of Cumberland Plain and Hunter Valley</td> <td>181</td> </tr> <tr> <td>Total</td> <td>846 848</td> </tr> </tbody> </table> <p>Table 4: Species credits required</p> <table border="1"> <thead> <tr> <th>Species</th> <th>Number of Credits</th> </tr> </thead> <tbody> <tr> <td>Acacia bynoeana (Bynoe's Wattle)</td> <td>31</td> </tr> <tr> <td>Acacia pubescens (Downy Wattle)</td> <td>54</td> </tr> <tr> <td>Allocasuarina glareicola</td> <td>47</td> </tr> <tr> <td>Cynanchum elegans (White-flowered Wax Plant)</td> <td>48</td> </tr> <tr> <td>Dillwynia tenuifolia</td> <td>21 72</td> </tr> <tr> <td>Grevillea juniperina subsp. juniperina (Juniper-leaved Grevillea)</td> <td>57 153</td> </tr> <tr> <td>Grevillea parviflora subsp. parviflora (Small flower Grevillea)</td> <td>32</td> </tr> <tr> <td>Marsdenia viridiflora subsp. viridiflora (Endangered population Marsdenia viridiflora R. Br. subsp. viridiflora)</td> <td>137</td> </tr> <tr> <td>Micromyrtus minutiflora</td> <td>47</td> </tr> <tr> <td>Pimlea curvilora var. curvilora</td> <td>48</td> </tr> <tr> <td>Pimlea spicata (Spiked Rice-flower)</td> <td>22</td> </tr> <tr> <td>Pultenaea parviflora</td> <td>10 34</td> </tr> <tr> <td>Meridolum corneovirens Cumberland Plain Land Snail</td> <td>159</td> </tr> <tr> <td>Myotis Macropus (Southern Myotis)</td> <td>292</td> </tr> <tr> <td>Total Species Credit</td> <td>539 1113</td> </tr> </tbody> </table>	Plant Community Type (PCT) ID and name	Number of Credits	724: Broad-leaved Ironbark – Grey Box - Melaleuca decora grassy open forest on clay/gravel soils of the Cumberland Plain, Sydney Basin Bioregion	246	835: Forest Red Gum – Rough-barked Apple grassy woodland on alluvial flats of the Cumberland Plain, Sydney Basin Bioregion	217	849: Grey Box – Forest Red Gum grassy woodland on flats of the Cumberland Plain, Sydney Basin Bioregion	202 204	1800: Swamp Oak open forest on riverflats of Cumberland Plain and Hunter Valley	181	Total	846 848	Species	Number of Credits	Acacia bynoeana (Bynoe's Wattle)	31	Acacia pubescens (Downy Wattle)	54	Allocasuarina glareicola	47	Cynanchum elegans (White-flowered Wax Plant)	48	Dillwynia tenuifolia	21 72	Grevillea juniperina subsp. juniperina (Juniper-leaved Grevillea)	57 153	Grevillea parviflora subsp. parviflora (Small flower Grevillea)	32	Marsdenia viridiflora subsp. viridiflora (Endangered population Marsdenia viridiflora R. Br. subsp. viridiflora)	137	Micromyrtus minutiflora	47	Pimlea curvilora var. curvilora	48	Pimlea spicata (Spiked Rice-flower)	22	Pultenaea parviflora	10 34	Meridolum corneovirens Cumberland Plain Land Snail	159	Myotis Macropus (Southern Myotis)	292	Total Species Credit	539 1113	Applicable	Applicable	Applicable	<p>Staging Report, Sydney Metro, Rev 9.0, 05/05/23</p> <p>Letter HBI to Sydney Metro, 05/05/23 (ER endorsement of Rev 9 of Staging Report)</p> <p>Letter DPPI to Sydney Metro, 26/05/23 (DPPI acknowledgement of Rev 9 of Staging Report)</p> <p>SBT NSW (Off-airport) Flora and Fauna Management Sub-plan, 20/02/24 (SBT FFMP)</p> <p>SBT Hydrogeological Interpretive Report, (040403)</p> <p>SBT Site Establishment design report Bringelly (PKG 051001), and Orchard Hills (031801)</p> <p>SBT Permit to Clear, (permits 008 - 021), and SBT Permit to Clear, (permits 022 - 024)</p> <p>DPPI post approval portal lodgment 12/08/22 (retirement of ecosystem credits at Orchard Hills)</p> <p>SBT pre-clearance inspection Orchard Hills South (offset variations), 12/10/22</p> <p>SBT interview 07-08/02/24</p> <p>SBT pre-clearance inspection Orchard Hills South (offset variations), 12/10/22</p> <p>Letter Metro to DPPI, 10/11/22 (evidence of retirement of ecosystem credits as at 31/11/22).</p> <p>SCAW Fauna and Flora Management Sub-plan, 13/03/23 (SCAW FFMP, updated with revised Nest Box Strategy) including procedures, and evidence of consultation</p> <p>SCAW GIS module (online)</p> <p>SCAW Revised Biodiversity Credit Requirements, AMBS, 01/09/22 and 12/10/22</p> <p>SCAW Revised Biodiversity Credit Requirements, AMBS, 17/05/23</p> <p>Letter Sydney Metro to DPPI, 14/08/23 (conditions E4, E5, E7 – evidence of updated credit retirement, including current offset tracker)</p> <p>DPPI post approval portal lodgment, 15/08/23 (submission of updated credit retirement)</p> <p>SCAW pre-clearing inspection, permit and post clearing permits (15 events), Aug 23 – November 23</p> <p>Metro interview 01-13/02/24</p> <p>Letter Metro to DPPI, 10/11/22 (evidence of retirement of ecosystem credits as at 31/11/22, associated evidence)</p> <p>Letter DPPI to Sydney Metro, 04/11/22 (acknowledgement of evidence of the retirement of credits or payment to secure offsets to Department (E3))</p> <p>Letter DPPI to Sydney Metro, 18/11/22 (acknowledgement of evidence to demonstrate that biodiversity credits have been retired prior to removal of native vegetation associated with the SCWA construction stage as required under condition E4))</p> <p>Letter DPPI to Sydney Metro, 23/05/23 (approval to retire additional ecosystem credits as per E3 and E4 for Dillwinia and Pultenaea)</p> <p>Letter Sydney Metro to DPPI 15/06/23 (submission of Dillwynia and Pultenaea ecosystem retirement evidence (provision of BCF certificate to DPPI, under E7))</p> <p>Letter DPPI to Sydney Metro, 28/06/23 (DPPI acknowledgement of BCF payment)</p>	<p>Evidence provided shows that ecosystem credits have been retired prior to the impact occurring. The staged approach is consistent with the Staging Report.</p> <p>No new clearing on SBT for the current audit period.</p>	C
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Allocasuarina glareicola	47																																																		
Cynanchum elegans (White-flowered Wax Plant)	48																																																		
Dillwynia tenuifolia	21 72																																																		
Grevillea juniperina subsp. juniperina (Juniper-leaved Grevillea)	57 153																																																		
Grevillea parviflora subsp. parviflora (Small flower Grevillea)	32																																																		
Marsdenia viridiflora subsp. viridiflora (Endangered population Marsdenia viridiflora R. Br. subsp. viridiflora)	137																																																		
Micromyrtus minutiflora	47																																																		
Pimlea curvilora var. curvilora	48																																																		
Pimlea spicata (Spiked Rice-flower)	22																																																		
Pultenaea parviflora	10 34																																																		
Meridolum corneovirens Cumberland Plain Land Snail	159																																																		
Myotis Macropus (Southern Myotis)	292																																																		
Total Species Credit	539 1113																																																		

E5	<p>The requirement to retire like-for-like ecosystem credits and species credits in Condition E4 may be satisfied by payment to the Biodiversity Conservation Fund of an amount equivalent to the number and classes of ecosystem credits and species credits.</p>	Applicable	Applicable	Applicable	<p>Letter Metro to DPHI and DPHI post approval portal lodgment 12/08/22 (retirement of ecosystem credits at Orchard Hills)</p> <p>SBT pre-clearance inspection Orchard Hills South (offset variations), 12/10/22</p> <p>SBT pre-clearance inspection Orchard Hills South (offset variations), 12/10/22</p> <p>Letter Metro to DPHI, 10/11/22 (evidence of retirement of ecosystem credits as at 31/11/22).</p> <p>SCAW Revised Biodiversity Credit Requirements, AMBS, 01/09/22</p> <p>SCAW DPHI portal lodgment, 10/11/22 (submission of evidence of credit retirement)</p> <p>Letter Metro to DPHI, 10/11/22 (evidence of retirement of ecosystem credits as at 31/11/22, associated evidence)</p> <p>Letter DPHI to Sydney Metro, 04/11/22 (acknowledgement of evidence of the retirement of credits or payment to secure offsets to Department (E3))</p> <p>Letter DPHI to Sydney Metro, 18/11/22 (acknowledgement of evidence to demonstrate that biodiversity credits have been retired prior to removal of native vegetation associated with the SCAW construction stage as required under condition E4))</p> <p>Letter DPHI to Sydney Metro, 23/05/23 (approval to retire additional ecosystem credits as per E3 and E4 for Dilwinia and Pultenea)</p> <p>Letter Sydney Metro to DPHI 15/06/23 (submission of Dillwynia and Pultenaea ecosystem retirement evidence (provision of BCF certificate to DPHI, under E7))</p> <p>Letter DPHI to Sydney Metro, 28/06/23 (DPHI acknowledgement of BCF payment)</p> <p>SCAW Revised Biodiversity Credit Requirements, AMBS, 01/09/22 and 12/10/22</p> <p>SCAW Revised Biodiversity Credit Requirements, AMBS, 17/05/23</p> <p>Letter Sydney Metro to DPHI, 14/08/23 (conditions E4, E5, E7 – evidence of updated credit retirement)</p> <p>DPHI post approval portal lodgment, 15/08/23 (submission of updated credit retirement)</p>	<p>The evidence provided shows that retirement has been completed via payment into the trust.</p>	C
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E6	Where evidence of compliance with the <u>Ancillary rules: Reasonable steps to seek like-for-like biodiversity credits for the purpose of applying the variation rules</u> has been provided to the Planning Secretary, variation rules may be applied to retire the relevant ecosystem credits and species credits as set out in the BAM Biodiversity Credit Report (Variation)	Applicable	Applicable	Applicable	<p>Letter DPHI to Sydney Metro, 23/05/23 (approval to retire additional ecosystem credits as per E3 and E4 for Dilwinia and Pulteneae)</p> <p>Letter Sydney Metro to DPHI 15/06/23 (submission of Dillwynia and Pulteneae ecosystem retirement evidence (provision of BCF certificate to DPHI, under E7))</p> <p>Letter DPHI to Sydney Metro, 28/06/23 (DPHI acknowledgement of BCF payment)</p> <p>SCAW Revised Biodiversity Credit Requirements, AMBS, 01/09/22 and 12/10/22</p> <p>SCAW Revised Biodiversity Credit Requirements, AMBS, 17/05/23</p> <p>Letter Sydney Metro to DPHI, 14/08/23 (conditions E4, E5, E7 – evidence of updated credit retirement)</p> <p>DPHI post approval portal lodgement, 15/08/23 (submission of updated credit retirement)</p> <p>SCAW pre-clearing inspection, permit and post clearing permits (15 events), Aug 23 – November 23</p>	<p>This has been adopted for Dillwynia and Pulteneae ecosystem retirement. This was reported to the Department prior to the clearing of these species and was accepted by the Department on 28/06/23 (prior to the current audit period).</p> <p>Updated credit retirement completed for SCAW during the fifth audit period did not trigger this requirement.</p>	C
E7	Evidence of the retirement of credits in satisfaction of Condition E4 or payment to the Biodiversity Conservation Fund in satisfaction of Condition E5 must be provided to the Planning Secretary prior to impacts on the biodiversity values	Applicable	Applicable	Applicable	<p>Letter Metro to DPHI, 10/11/22 (evidence of retirement of ecosystem credits for SCAW, associated evidence), and DPHI portal lodgement 10/11/22</p> <p>Letter Metro to DPHI, 12/08/22 evidence of retirement of ecosystem credits for SBT, associated evidence and DPHI post approval portal lodgement, 16/08/22</p> <p>Letter Metro to DPHI, 10/11/22 (evidence of retirement of ecosystem credits as at 31/11/22).</p> <p>SCAW Revised Biodiversity Credit Requirements, AMBS, 01/09/22 and 12/10/22</p> <p>SCAW Revised Biodiversity Credit Requirements, AMBS, 17/05/23</p> <p>Letter Sydney Metro to DPHI, 14/08/23 (conditions E4, E5, E7 – evidence of updated credit retirement)</p> <p>DPHI post approval portal lodgement, 15/08/23 (submission of updated credit retirement)</p> <p>SCAW pre-clearing inspection, permit and post clearing permits (15 events), Aug 23 – November 23</p>	<p>Confirmation of retirement of credit requirements for AEW, SBT and SCAW were completed and submitted prior to the relevant clearing works. Refer to previous audit reports for details.</p> <p>Revised credit retirements for SCAW completed during the fifth audit period were completed prior to clearing of the subject vegetation.</p>	C
E8	The Proponent must minimise impacts to Key Fish Habitat (KFH) as defined in Policy and Guidelines for Fish Habitat Conservation and Management (DPI, 2013 update). Residual impacts to KFH , following the implementation of habitat rehabilitation or other environmental compensation measures, must be offset at a ratio of 2:1 habitat offset requirement in accordance with the Policy and Guidelines for Fish Habitat Conservation and Management (DPI, 2013 update) and in consultation with DPI Fisheries.	Applicable	Applicable	Not Applicable	<p>Site inspection 06, 12, 13/02/24</p> <p>SCAW EWMS, Waterway Crossings 003, 01/03/23</p> <p>SCAW propellor online module (drone photos) 28/04/23</p> <p>Letter DPI Fisheries to SCAW, 10/03/23 (feedback on SCAW waterway crossing EWMS).</p> <p>Emails SCAW and DPI Fisheries, 02/03/23 – 09/05/23 (DPI Fisheries consultation on waterway crossing EWMS)</p>	<p>SBT and FSM have not crossed any creeks.</p> <p>SCAW works cross three KFH. An EWMS was prepared in consultation with DPI Fisheries. SCAW updated its documents in response to DPI comments and resubmitted to them for information. No further comments were received. The works commenced after completion of consultation in accordance with the EWMS and are still underway, noting that earthworks are largely complete and that crossings no involve structures and the like.</p> <p>No offset to fish habitat is required. Refer E14.</p>	C
E9	Where offsets are required in accordance with Condition E8 , payment of the habitat offset requirement must be made to the DPI Fish Conservation Trust Fund prior to the commencement of Work that impacts KFH .	Applicable	Applicable	Not Applicable	<p>Site inspection 06, 12, 13/02/24</p> <p>SCAW EWMS, Waterway Crossings 003, 01/03/23</p> <p>SCAW propellor online module (drone photos) 28/04/23</p> <p>Letter DPI Fisheries to SCAW, 10/03/23 (feedback on SCAW waterway crossing EWMS).</p> <p>Emails SCAW and DPI Fisheries, 02/03/23 – 09/05/23 (DPI Fisheries consultation on waterway crossing EWMS)</p>	<p>SBT and FSM have not crossed any creeks.</p> <p>SCAW works cross three KFH. An EWMS was prepared in consultation with DPI Fisheries. SCAW updated its documents in response to DPI comments and resubmitted to them for information. No further comments were received. The works commenced after completion of consultation in accordance with the EWMS and are still underway, noting that earthworks are largely complete and that crossings no involve structures and the like.</p> <p>No offset to fish habitat is required. Refer E14.</p>	NT

E10	Where offsets are required in accordance with Condition E8 , the Proponent must submit to the Planning Secretary a receipt confirming payment to the DPI Fish Conservation Trust Fund within one (1) month of making the payment.	Applicable	Applicable	Not Applicable	<p>Site inspection 06, 12, 13/02/24</p> <p>SCAW EWMS, Waterway Crossings 003, 01/03/23</p> <p>SCAW propellor online module (drone photos) 28/04/23</p> <p>Letter DPI Fisheries to SCAW, 10/03/23 (feedback on SCAW waterway crossing EWMS).</p> <p>Emails SCAW and DPI Fisheries, 02/03/23 – 09/05/23 (DPI Fisheries consultation on waterway crossing EWMS)</p>	<p>SBT and FSM have not crossed any creeks.</p> <p>SCAW works cross three KFH. An EWMS was prepared in consultation with DPI Fisheries. SCAW updated its documents in response to DPI comments and resubmitted to them for information. No further comments were received. The works commenced after completion of consultation in accordance with the EWMS and are still underway, noting that earthworks are largely complete and that crossings no involve structures and the like.</p> <p>No offset to fish habitat is required. Refer E14.</p>	NT
E11	Nest Boxes must be installed one (1) month prior to any removal of existing tree hollows and/or the release of any captured hollow dependent fauna.	Not Applicable	Applicable	Not Applicable	<p>Site inspection 06, 12, 13/02/24</p> <p>SBT interviews 07-08/02/24</p> <p>SBT Nest Box Installation Report (Bringelly) AMBS ecology, 12/07/2022 – 12 nest boxes were installed and inspected on 13/05/22</p> <p>SBT permit to clear (011) Bringelly, 01/08/22</p> <p>SBT Nest Box Monitoring Report, AMBS, 31/10/23</p> <p>SCAW Fauna and Flora Management Sub-plan, 13/03/23 (SCAW FFMP, updated with revised Nest Box Strategy) including procedures, and evidence of consultation</p> <p>Email AMBS to SCAW, 01/11/22 (status report on nest box installation and pre-clearing surveys)</p> <p>Tree Hollow and Nest Box Review, AMBS, 09/02/23</p> <p>Nest Box Monitoring Report June 2023, AMBS, 25/07/23</p> <p>Email AMBS to SCAW, 19/10/23 (update on Nest Box Strategy implementation)</p> <p>SCAW pre-clearing inspection, permit and post clearing permits (15 events), Aug 23 – November 23</p> <p>Nest Box Monitoring Report January 2024, AMBS, 20/02/24.</p>	<p>Nest boxes were sighted during the site inspection. Nest boxes for SBT were installed prior to the current audit period (13/05/22) at the Bringelly site which was more than 30 days prior to clearing. No other SBT sites identified as having hollows. According to the FFMP the nest box monitoring report is required during spring 2023 (during nesting). This was completed and according to the Spring 2023 Nest Box Monitoring Report there has been an approximate 50% uptake of the nest boxes.</p> <p>SCAW updated its FFMP with a revised Nest Box Strategy following advice from the project ecologist to account for design changes and reduction in the removal of habitats. This was approved by the Department in fourth audit period). SCAW Nest Box Monitoring Report prepared in February 2024 concluded that <i>'One-hundred and twenty-four hollows were removed during clearing for the Project from 54 hollow bearing trees. The Project Nest Box Strategy commits to attempting to replace tree hollows removed by clearing for the Project, using nest boxes, at a ratio of 1:1. One-hundred and one nest boxes have been installed on 59 trees for the Project. It is the opinion of AMBS that any additional nestboxes installed within or adjacent to the Project footprint are more likely to be utilised by introduced species than native species. Given the existing nest box installation program has replicated the number of trees with hollows, it is the opinion of AMBS that further nest box installations within or immediately adjacent to the Project footprint should be avoided.'</i></p> <p>FSM have not cleared HBTs or related habitats.</p>	C
E12	<p>Prior to vegetation clearing, the Proponent must identify where it is practicable for the CSSI to reuse native trees and vegetation that are to be removed. If it is not possible for the CSSI to reuse removed native trees and vegetation, the Proponent must consult with the relevant council(s), NSW National Parks & Wildlife Service, Western Sydney Parklands Trust, Greater Sydney Local Land Services, Landcare groups, DPI Fisheries and any additional relevant government agencies to determine if:</p> <p>(a) hollows, tree trunks (greater than 25-30 centimetres in diameter and 2-3 metres in length), mulch, bush rock and root balls salvaged from native vegetation impacted by the CSSI; and</p> <p>(b) collected plant material, seeds and/or propagated plants from native vegetation impacted by the CSSI, could be used by others in habitat enhancement and rehabilitation work, before pursuing other disposal options.</p>	Applicable	Applicable	Not Applicable	<p>SBT consultation records June 2022 for E12 with Fisheries, DPHI Water, Liverpool Council, LLS, NPWS, Penrith City Council, WSPT (from second audit period)</p> <p>Email LLS to SBT, 21/06/22 (LLS advising that they could potentially receive timber material).</p> <p>Orchard Hills Vegetation Reuse – Onsite discussion with Peter Ridge from LLS.nsw.gov – E12 – reuse of 2m logs.</p> <p>Email LLS to SBT, 23/08/22 and 26/08/22, and again May through to July 2023, and again on 01/08/23</p> <p>SCAW interview 09-12/02/24</p> <p>Email SCAW to Liverpool and Penrith Council, NPWS, LLS Heritage NSW, Parklands Trust, Landcare, OEH and DPI, 06/02/23</p> <p>Email Parklands to SCAW, 06/02/23</p> <p>Email LLS to SCAW, 06/06/22</p> <p>SCAW Consultation Tracker E12 vegetation</p> <p>Email chain Sydney Metro and SCAW, 03/07/23</p> <p>Email Penrith Council to SCAW, 02/05/23 (off site reuse of seeds)</p> <p>SCAW Timeline of Events, Stockpile Vegetation, Rev0</p>	<p>SBT reused mulch for erosion and sediment control where possible (mulch bunds). Where not reusable, SBT consultation was completed prior to the current audit period which covered all planned clearing. Only LLS responded to request for reuse of native vegetation. Native vegetation was provided to LLS in September 2022.</p> <p>During the fourth audit period, SBT cleared iron bark and grey Box at Orchard Hills as part of clearing in preparation for SSTOM. SBT made contact with LLS about the availability of this vegetation and delivered the material on 01/08/23. SBT did not follow up with any other of the listed stakeholders.</p> <p>SCAW has retained some vegetation on site and is prioritizing reuse on site for future rehabilitation and landscaping. Retention on site was observed during the audit site inspection. Notwithstanding the above, consultation commenced with the view that some reuse on site may not be possible. Two responses have been received expressing interest and Penrith Council has recovered some seeds from the alignment. SCAW provided evidence to show that the current approach is to not mulch any vegetation – all vegetation is to be felled and held on site for the SSTOM and Finalisation Auxiliary Works package.</p>	C

E13	<p>Revegetation and the provision of replacement trees must be informed by a Tree Survey undertaken during detailed design. The Tree Survey must identify the number, type and location of any trees to be removed, except for trees that are offset under Condition E4. The Tree Survey must be submitted to the Planning Secretary for information with the Place, Urban Design and Corridor Landscape Plan required under Condition E79.</p> <p>Where trees are to be removed, the Proponent must provide a net increase in the number of replacement trees at a ratio of 2:1, except trees that are offset under Condition E4. Replacement trees must have a minimum pot size consistent with the relevant authority's plans / programs / strategies for vegetation management, street planting, or open space landscaping, or as agreed by the relevant authority(ies).</p> <p>Note: For the purposes of this condition, the relevant authority is that State or local government authority that owns or manages the land on which the replacement trees will be planted</p>	Applicable	Applicable	Not Applicable	<p>SBT interview 07-08/02/24</p> <p>SBT Tree Survey, Orchard Hills, 28/07/22</p> <p>SBT Tree Survey, St Marys, 20/07/22</p> <p>SCAW E13 Tree Survey, 20/12/22</p> <p>Metro Tree Register (AEW) (no date).</p> <p>Auditee response to RF12, received 27/02/24</p>	<p>SBT Tree Surveys were prepared by SBT for Orchard Hills and St Marys. This includes the information required by this condition. Other sites were subject to offset under E4. No change for current audit period.</p> <p>SCAW has prepared a tree survey (for non-offset trees). This includes the information required by this condition. 25 trees accounted for that are not offset. No change for current audit period.</p> <p>Metro Observation: Tree Surveys have been completed by each contractor that has removed trees and each have been provided to Sydney Metro. The Auditor observes the following:</p> <ul style="list-style-type: none"> To the Auditor's knowledge, tree survey data has not yet been compiled into a single Tree Survey for the purposes of revegetation and provision of replacement trees. According to the Staging Report, this condition is applicable to SBT and SCAW (although revegetation does not form part of the scope of these packages). According to the Staging Report, this conditions is not applicable to FSM (although this package has removed 17 x planted/landscape trees during construction). According to the Staging Report, this conditions is not applicable to SSTOM (although revegetation does form part of its scope, and the auditees advise that the Tree Survey will be provided by SSTOM to the Department with the PUDCLP (Stage 2) submission). 	C
E14	<p>The Proponent must design the watercourse crossings and the east-west regional corridor (Paton's Lane) crossing to achieve the following objectives:</p> <p>(a) design of viaducts to retain and minimise clearing/disturbance of native vegetation and maximise native plant growth under the structures,</p> <p>(i) maintain and/or improve riparian/terrestrial connectivity under the viaduct and bridge structures to maximise the corridor function;</p> <p>(ii) maximise the viaduct and bridge structures span over the riparian corridor and/or remnant native vegetation whichever is the widest;</p> <p>(iii) minimise the clearing/disturbance of native vegetation and native riparian vegetation; and</p> <p>(iv) maximise light and moisture penetration under the viaduct and bridge structures to support native plant growth;</p> <p>(b) design of culverts and other crossings incorporate the following into the design to provide for movement of aquatic and terrestrial fauna,</p> <p>(i) elevated "dry" cells to encourage terrestrial movement, and recessed "wet" cells to facilitate the movement of aquatic fauna;</p> <p>(ii) maximise light penetration into the culvert structures;</p> <p>(iii) a naturalised base along the bed of the culvert; and 'fauna furniture' (such as rocks, logs, ropes and ledges) to facilitate fauna movement to maintain connectivity and provide fauna passage;</p> <p>(c) design of scour protection using natural solutions such as the revegetation of banks with local native species; and</p> <p>(d) details of remnant native vegetation including riparian vegetation.</p> <p>The Proponent must consult with DPIE EES, DPI Fisheries and engage suitably qualified experts in fauna crossing design to achieve the outcomes of this condition.</p> <p>Note: These design objectives must form part of the Place, Urban Design and Corridor Landscape Plan required under Condition E79.</p>	Applicable	Applicable	Not Applicable	<p>Staging Report, Sydney Metro, Rev 9.0, 05/05/23</p> <p>Letter HBI to Sydney Metro, 05/05/23 (ER endorsement of Rev 9 of Staging Report)</p> <p>Letter DPHI to Sydney Metro, 26/05/23 (DPHI acknowledgement of Rev 9 of Staging Report)</p> <p>Site inspection 06, 12, 13/02/24</p> <p>SCAW Memo, summary of consultation on E14, 24/11/22 (including evidence of consultation attached).</p> <p>Letter DPI Fisheries to SCAW 10/08/22</p> <p>SCAW Blaxland Creek Viaduct (Substructure and Superstructure) design reports SCARB 4150 and 4110 (x2). CPBUI, 16/01/23 and 02/02/23</p> <p>SCAW PUDCLP, December 2022 (including Appendix C)</p> <p>SCAW EWMS, Waterway Crossings 003, 01/03/23</p> <p>SCAW propellor online module (drone photos) 28/04/23</p> <p>Letter DPI Fisheries to SCAW, 10/03/23 (feedback on SCAW waterway crossing EWMS).</p> <p>Emails SCAW and DPI Fisheries, 02/03/23 – 09/05/23 (DPI Fisheries consultation on waterway crossing EWMS)</p> <p>Email SCAW to DPI Fisheries, 07/07/23 (consultation on redesign on Cosgrove creek crossing to avoid heritage scar trees)</p> <p>Email DPI Fisheries to SCAW, 18/07/23 (DPI response to redesign on Cosgrove creek crossing to avoid heritage scar trees)</p>	<p>This is not relevant to SBT, FSM, as there are no watercourse crossings for those packages.</p> <p>SCAW has prepared two design reports for works involving crossings. The Design Reports the design to be compliant with this condition. Evidence demonstrates that DPHI EES was consulted with and did not wish to participate. Fisheries was consulted and confirmed that condition E14 had been complied with (in their view). The relevant design details have been incorporated into SCAWs PUDCLP.</p> <p>A redesign was completed at Cosgrove Creek (to avoid nearby heritage scar trees). This update was issued to DPI Fisheries for further consultation. DPI Fisheries confirmed acceptance.</p> <p>SCAW works cross three KFH. An EWMS was prepared in consultation with DPI Fisheries. SCAW updated its documents in response to DPI comments and resubmitted to them for information. No further comments were received. The works commenced after completion of consultation in accordance with the EWMS and are still underway, noting that earthworks in creeks are complete and have now progressed to structures.</p>	C
Flooding							

E15	<p>The CSSI must be designed and constructed with the objective of not exceeding the flood impacts presented in the documents listed in Condition A1 or the flood impact criteria in Table 5, whichever is greater, within and in the vicinity of the CSSI for all flood events up to and including the one (1) per cent Annual Exceedance Probability (AEP) flood event.</p> <table border="1"> <thead> <tr> <th>Parameter</th> <th>Location</th> <th>Criteria</th> </tr> </thead> <tbody> <tr> <td rowspan="4">Afflux</td> <td rowspan="3">Land zoned as residential, industrial or commercial, and critical infrastructure</td> <td>Maximum 10mm to buildings that are flood prone in existing conditions</td> </tr> <tr> <td>No new above floor flooding</td> </tr> <tr> <td>Maximum 50 mm where flooding is below floor level</td> </tr> <tr> <td>Roads</td> <td>Maximum 50mm</td> </tr> <tr> <td></td> <td>Land zoned as rural, primary production, environment or public recreation</td> <td>Maximum 100mm</td> </tr> <tr> <td>Velocity</td> <td>All areas</td> <td>Velocities are to remain below 1m per second. Where existing velocities exceed 1m per second, increase by less than 10 percent</td> </tr> <tr> <td rowspan="2">Flood Hazard</td> <td>Residential and commercial land</td> <td>No increase in the flood hazard or risk to life</td> </tr> <tr> <td>Roads</td> <td>No increase in the flood hazard or risk to life</td> </tr> <tr> <td rowspan="3">Flood Duration</td> <td>Residential and commercial buildings</td> <td>No increase to duration of above floor flooding</td> </tr> <tr> <td>Roads</td> <td>No more than one hour increase</td> </tr> <tr> <td>Crown land, open space, farming, grazing and cropping land</td> <td>No more than one hour increase</td> </tr> </tbody> </table> <p>Measures identified in the documents listed in Condition A1 to limit flooding impacts or measures that achieve the same outcome must be incorporated into the detailed design of the CSSI.</p>	Parameter	Location	Criteria	Afflux	Land zoned as residential, industrial or commercial, and critical infrastructure	Maximum 10mm to buildings that are flood prone in existing conditions	No new above floor flooding	Maximum 50 mm where flooding is below floor level	Roads	Maximum 50mm		Land zoned as rural, primary production, environment or public recreation	Maximum 100mm	Velocity	All areas	Velocities are to remain below 1m per second. Where existing velocities exceed 1m per second, increase by less than 10 percent	Flood Hazard	Residential and commercial land	No increase in the flood hazard or risk to life	Roads	No increase in the flood hazard or risk to life	Flood Duration	Residential and commercial buildings	No increase to duration of above floor flooding	Roads	No more than one hour increase	Crown land, open space, farming, grazing and cropping land	No more than one hour increase	Applicable	Applicable	Applicable	<p>SBT Hydrology and Flood Assessment Design Report, 28/11/22 and update 24/04/23</p> <p>SBT interview 07-08/02/24</p> <p>SBT response to draft Independent Audit No. 3 - Audit Report</p> <p>SCAW Flood Protection Report, AHJV, 16/12/22</p> <p>Flood Protection Report Revision 00 (SMWSASCA-CPU-SWD-EW000-SD-RPT-245000) issued 03/03/23</p> <p>Sydney Metro central portal (online document review portal, and evidence of stage 3 review gate comments sheet for Flood Protection Report)</p>	<p>As noted in the third Independent Audit Report, the SBT Hydrology and Flood Assessment Design Report identifies the flood impacts and assess these against the requirements of E15. The Report identifies several departures from the requirements around the Bringelly site (afflux and velocity). SBT completed a review of the data and determined that predicted flood impacts are within the tolerable ranges from E15. The Auditor is not a flood expert and therefore does not dispute this position. The Auditor is not aware of any further feedback from the Sydney Metro team on this matter.</p> <p>As noted in the third Independent Audit Report the SCAW Flood Protection Report identifies the flooding impacts against the requirements of E15. The Report identifies that it is compliant with the parameters of E15, however in the comments section of the Report (Appendix C) there were a range of observations against the Report's dealing with E15, including comments indicating that there are exceedances of the criteria from E15. SCAW completed a review of the data and determined that predicted flood impacts are compliant with the requirements of E15. An updated report was prepared clarifying this. The Auditor is not a flood expert and therefore does not dispute this position. The Auditor is not aware of any further feedback from the Sydney Metro team on this matter.</p> <p>FSM is outside flood prone land.</p>	C
Parameter	Location	Criteria																																	
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	Crown land, open space, farming, grazing and cropping land	No more than one hour increase																																	
E16	<p>Updated modelling that incorporates these measures and is calibrated and validated with consideration of the results of the Wianamatta-South Creek Catchment Flood Assessment prepared by Infrastructure NSW as part of Stage 2 of the South Creek Sector Review must be prepared by a suitably qualified flood consultant. The modelling must identify changes in post-development flood behaviour including cumulative flood impacts associated with Western Sydney International Airport and the M12, where this information is available, prior to detailed design being finalised</p>	Applicable	Applicable	Applicable	<p>SBT Hydrology and Flood Assessment Design Report, 28/11/22 and update 24/04/23</p> <p>SBT interview 07-08/02/24</p> <p>SCAW Flood Protection Report, AHJV, 16/12/22</p> <p>Flood Protection Report Revision 00 (SMWSASCA-CPU-SWD-EW000-SD-RPT-245000) issued 03/03/23</p>	<p>The SBT Hydrology and Flood Assessment Design Report identifies the flood impacts and assess these against the requirements of E16. It states that incorporation of the Wianamatta-South Creek Catchment Flood Assessment is not able to be validated due to poor resolution of the Wianamatta-South Creek Catchment Flood Assessment model, and its low relevance to the SBT sites. Sydney Metro reviewed this finding and, on 25/11/22 marked the matter as closed. The Auditor is not a flood expert and, therefore, does not dispute this action.</p> <p>The SCAW Flood Protection Report confirms that the results of the Wianamatta-South Creek Catchment Flood Assessment have been included into the modelling. The Report does identify the post construction flood behaviour (no significant impact on the catchment).</p>	C																												
E17	<p>Where flooding characteristics exceed the levels identified in Condition E15 above the Proponent must undertake the following:</p> <p>(a) consult with affected landowners for properties adversely flood affected as a result of the CSSI regarding appropriate mitigations; and</p> <p>(b) consult with the NSW State Emergency Service (SES) and Relevant Council(s) regarding the management of any continuous and residual flood risk from rarer flood events larger than the 1 per cent AEP and up to the probable maximum flood.</p> <p>In the event that the Proponent and the affected landowner cannot agree on the measures to mitigate the impact as described in Condition E15, the Proponent must engage a suitably qualified and experienced independent person to advise and assist in determining the impact and relevant mitigation measures</p>	Applicable	Applicable	Applicable	Refer to evidence in E15	Refer to findings from E15. The modelling and subsequent clarifications determined that there is no need for consultation with landowners on the basis that criteria from E15 has been achieved.	NT																												

E18	<p>Flood information including flood reports, models and geographic information system outputs must be provided to the DPIE PDPS, Relevant Council(s), DPIE EES and the SES in order to assist in preparing relevant documents and to reflect changes in flood behaviour as a result of the CSSI. The DPIE PDPS, Relevant Council(s), DPIE EES and the SES must be notified in writing that the information is available no later than one (1) month following the completion of construction.</p> <p>Information requested by the DPIE PDPS, Relevant Council(s), DPIE EES or the SES must be provided no later than six (6) months following the completion of construction or within another timeframe agreed with the DPIE PDPS, Relevant Council(s), DPIE EES and the SES. The project flood models and data must be uploaded to the NSW Flood Data Portal and access must be provided to the DPIE PDPS, Relevant Council(s), DPIE EES and SES no later than one (1) month following the completion of construction.</p>	Applicable	Applicable	Applicable	Site inspection 06, 12, 13/02/24	Construction is ongoing.	NT
Heritage							
E19	<p>The Proponent must not destroy, modify or otherwise physically affect any Heritage item not identified in documents referred to in Condition A1. Unexpected heritage finds identified by the CSSI must be managed in accordance with the Unexpected Heritage Finds and Human Remains Procedure outlined in Conditions E34 to E36. Consideration of avoidance and redesign to protect unexpected finds of state heritage significance must be addressed where this condition applies.</p>	Applicable	Applicable	Applicable	<p>Unexpected Heritage Finds Procedure, Sydney Metro, August 2021</p> <p>SBT CEMP (Annexure B – unexpected finds protocol), 29/09/22</p> <p>SBT St Marys Archaeological Monitoring Method Statement, AMBS, January 2022</p> <p>SBT St Marys Archaeological Monitoring Report, AMBS, December 2022</p> <p>SBT interview 07-08/02/24</p> <p>SBT Project induction (no date) including information on sustainability, hold points, legal requirements, soil and water, contamination and spills, noise and vibration, flora and fauna, visual amenity, air quality, waste</p> <p>Metro interview 01-13/02/24</p> <p>SCAW CEMP, 04/11/22</p> <p>SCAW Non-Aboriginal Heritage Management Plan, 04/10/22</p> <p>SCAW Project induction, Rev22 (covers air quality, contamination, biodiversity, heritage, unexpected finds (heritage and contam), spoil import, ERSED, noise and vibration, waste chemicals, spills, incidents and permits)</p> <p>Unexpected Heritage Find Reporting Form, 22/11/22 (potential find of heritage work during excavation at the SCAW compound)</p> <p>SCAW interview 09-12/02/24</p> <p>Unexpected Heritage Find Reporting Form, 12/01/23 (Scar tree find at Cosgrove's Creek, Luddenham)</p> <p>Letter DPI Fisheries to SCAW, 10/03/23 (feedback on SCAW waterway crossing EWMS).</p> <p>Emails SCAW and DPI Fisheries, 02/03/23 – 09/05/23 (DPI Fisheries consultation on waterway crossing EWMS)</p> <p>Site access and haul package site plan 255127, Rev2, SCAW (redesign around scar trees)</p> <p>AEW FSM Construction Environmental Management Plan, Laing O'Rourke, 15/05/23 (Appendix Q)</p> <p>FSM Impact incident report, 28/05/23 (damage to heritage coping at St Marys Station) and email GML to Laing O'Rourke 13/06/23 (heritage acceptance of repair)</p> <p>Letter GML to Laing O'Rourke, 08/01/23 (N.B, the date specified in this letter is incorrect and should state 08/01/24)</p>	<p>It is understood that known heritage items from the EIS have been cleared prior to construction that impacts the land on which they reside, or design has been refined to avoid the items, or works affecting the items has yet to occur.</p> <p>SBT St Marys Archaeological Monitoring Report confirmed that supervision was carried out during works in risk area, and that no items of significance were identified during the works in the subject area. There were no other areas of heritage significance subject to disturbance. SBT have trained the workforce in identification and reporting on heritage finds. SBT are not aware of any unexpected finds during the audit period.</p> <p>SCAW utilizes the Metro procedure. The Non-Aboriginal Heritage Management Plan has identified that unexpected finds for non-Aboriginal heritage to be unlikely. SCAW have trained the workforce in identification and reporting on heritage finds. There were no unexpected finds in the audit period. During the SCAW RAP walk through in November 2022, as part of welcome to country two scar trees were identified. The trees remain in place and redesign has occurred to avoid these trees.</p> <p>The AEW FSM CEMP has the Metro procedure in their CEMP. FSM damaged heritage coping on the St Marys station prior to the current audit period. The heritage advisor reviewed the incident and accepted the repair works were consistent with the fabric and no significance of the issue. Bricks and the like are located within the St Marys platform. FSM has had the heritage advisor on site during the possession works to manage / record the potential heritage significance of finds in the platform. To date 7 x finds are deemed to be of local significance and several others not of any significance. The heritage advisor has accepted that the items be recorded and destroyed as part of the works.</p> <p>Historic heritage to be protected and retained extends to the Goods Shed. This area has not been impacted as yet.</p> <p>According to an email within Metro (from the Sydney Metro Heritage Lead) all sites have been cleared as at 30/08/22.</p>	C
E20	<p>The dismantling and reassembly of the jib crane at St Marys Station, if required, must only be undertaken under the supervision of a consultant experienced in the conservation of heritage machinery.</p>	Applicable	Not Applicable	Applicable	Site inspection 06, 12, 13/02/24	The jib crane is still in place and is free of damage.	C

E21	The St Marys Goods Shed must not be destroyed, modified or otherwise adversely affected, except as identified in the documents listed in Condition A1 .	Applicable	Not Applicable	Applicable	<p>SBT CONSTRUCTION ENVIRONMENTAL MANAGEMENT PLAN, 29/09/22 (SBT CEMP)</p> <p>SBT interview 07-08/02/24</p> <p>SBT Detailed Noise and Vibration Impact Statement - St Marys Station, February 2023</p> <p>Email chain, Transport to Sydney Metro, 02/03/21 – 31/05/21 (Transport Heritage Advisor advice on vibration impact on the Goods Shed)</p> <p>Email Chain AMBS and Sydney Metro, 27/01/23 – 03/02/23 (heritage advice on installation of 'crack meters' at the Goods Shed)</p> <p>WSA SBT Instrumentation and Monitoring Monthly Status Reports, Aug – Oct 23 (vibration monitoring at the Goods Shed)</p>	<p>The EIS identified minor impacts to the Goods Shed. Controls were included in the SBT CEMP (refer aspects and impacts register).</p> <p>It is understood based on the evidence sighted that the only heritage item in the safe working distance of construction during the audit period is the Goods Shed at St Marys. Sydney Metro sought advice of Transport for NSWs Heritage Specialist on vibration impacts and monitoring. The Heritage Specialist confirmed that vibration monitoring installed was as per the Sydney Trains Technical Note for the Installation of New Electrical and Data Services at Heritage Sites. Advice was also sought from Sydney Metro on the installation of crack meters at the Goods Shed. On 02/02/23 the Heritage Specialist from AMBS confirmed the method to be adopted was acceptable.</p> <p>No vibration exceedances on the Goods Shed were recorded during the fifth audit period (until end of October 23 when the site was handed over to SSTOM). Results were satisfactory.</p>	C
E22	The Archaeological Research Design included in the documents listed in Condition A1 must be implemented during construction.	Applicable	Applicable	Applicable	<p>Archaeological Research Design, Artefact, April 2021</p> <p>SBT AMBS Archaeological Statement 22/07/22 confirming monitoring of concrete slab at St Marys SBT.</p> <p>SBT St Marys Site Archaeological Report by AMBS June 2022</p> <p>SBT St Marys Archaeological Monitoring Method Statement, AMBS, January 2022</p> <p>SBT St Marys Archaeological Monitoring Report, AMBS, December 2022</p> <p>Metro interview 01-13/02/24</p>	<p>AMBS was engaged as the archaeological specialists for SBT adjacent the Goods Shed on a risk based approach. The monitoring reports confirm that the ARD has been implemented for subject works despite this not being called up under the ARD and approval. Works in the area called up by the ARD (Goods Shed) have not commenced and have not been required at this time.</p> <p>No works have been required under the ARD during the audit period. The only requirement during the audit period was to follow and implement the unexpected finds procedure. There were no unexpected finds recorded during the audit period.</p>	C
E23	Before commencement of archaeological excavation, the Proponent must, in consultation with Heritage NSW, nominate a suitably qualified Excavation Director , who complies with Heritage Council of NSW's Criteria for Assessment of Excavation Director (September 2019), to oversee and advise on matters associated with historical archaeology for the approval of the Planning Secretary. The Excavation Director must be present to oversee excavation, advise on archaeological issues, advise on the duration and extent of oversight required during archaeological excavations consistent with the Archaeological Research Design and Excavation Methodology(s) identified in the documents listed in Condition A1 . More than one Excavation Director may be engaged for CSSI to exercise the functions required under the conditions of this approval.	Applicable	Applicable	Applicable	<p>Excavation Director was nominated – James Cole, AMBS letter of approval from Heritage NSW dated 6/7/22</p> <p>Letter Sydney Metro to DPHI, 10/06/22 (nomination of Excavation Director to DPHI)</p> <p>SBT St Marys Archaeological Monitoring Method Statement, AMBS, January 2022</p> <p>SBT St Marys Archaeological Monitoring Report, AMBS, December 2022</p> <p>Letter Heritage NSW to Sydney Metro, 13/04/22 (Heritage NSW endorsement of Lian Ramage)</p> <p>Letter DPHI to Sydney Metro, 01/03/23 (DPHI approval of Lian Ramage)</p> <p>Letter DPHI to Sydney Metro, 17/06/22 (DPHI approval of the SBT St Marys Excavation Directors – Dr Ian Stuart and Jenny Winnett)</p> <p>SCAW interview 09-12/02/24</p> <p>Metro interview 01-13/02/24</p> <p>Letter Heritage NSW to Sydney Metro 13/06/23 (Heritage endorsement of Sophie Jennings as Excavation Director for FSM)</p> <p>Letter DPHI to Sydney Metro, 04/07/23 (DPHI approval of Sophie Jennings as Excavation Director for FSM).</p>	<p>There are no areas requiring archaeological excavation under the SCAW scope of works and, therefore, have not engaged an Excavation Director for their scope.</p> <p>Sydney Metro advise that the following excavation directors have been nominated to date:</p> <p>SBT: Lian Ramage was nominated as ED to Heritage NSW on 7 April 2023. Heritage NSW provided correspondence supporting her nomination on 13 April 2023.</p> <p>James Cole was nominated as Secondary ED to Heritage NSW on 23 June 2022. Heritage NSW provided correspondence supporting her nomination on 6 July 2022. Sydney Metro are preparing to submit nominations for Lian Ramage and James Cole to the Department. For SBT, the archaeological excavation to date has not been required under the ARDEM, rather some excavation at St Marys was conducted under supervision on a risk based approach. These works are complete and the site has been handed over to SSTOM.</p> <p>AEW: Note this is prior to the current audit period. Dr Ian Stuart and Jenny Winnett were nominated as ED to Heritage NSW on 1 June 2022. Heritage NSW provided correspondence supporting their nomination on 2 June 2022. The Department provided approval of the appointment on 17/06/22.</p> <p>Sophie Jennings was nominated as the excavation director for FSM. Heritage NSW endorsement was received 13/06/23 and the Department approved Ms Jennings on 04/07/23. No archaeological excavation occurred on FSM during the audit period.</p>	C

E24	Archival photographic digital recording must be undertaken for all listed heritage items which will be affected by the CSSI. The recordings must be undertaken prior to the commencement of Work which may impact the items and documented in an Archival Recording Report . The recordings must include buildings, structures and landscape features and detailed maps showing the location of features. The archival recording must be prepared in accordance with How to Prepare Archival Records of Heritage Items (NSW Heritage Office, 1998) and Photographic Recording of Heritage Items Using Film or Digital Capture (NSW Heritage Office, 2006).	Applicable	Applicable	Applicable	<p>St Mary's Railway Station, Archival Recording, Biosis, 11/01/22 (Archival Recording Report)</p> <p>Bringelly RAAF Base Compound, 15/11/21 (Archival Recording Report)</p> <p>Archival Report, Alexander Mayes Photography, August 2022 (Luddenham Road)</p> <p>Archival Recording Report – SBT Kelvin Park, AMBS, March (adjacent Aerotropolis).</p> <p>Archival Recording Report, Alexander Mayes Photography, August 2022 (McMaster and McGarvie-Smith Farms)</p> <p>Memo AMBS to SCAW, 18/01/23 (Heritage Fabric Salvage assessment on McMaster and McGarvie-Smith Farms)</p>	<p>The SBT Archival Recording Reports were prepared for the entire St Marys Railway Station area (i.e.: covering all areas relevant for the entire Project at this location) and Bringelly RAAF base, plus outside Aerotropolis. The recording was completed prior to impact. No other locations are affected by SBT at this stage.</p> <p>The SCAW project had archival recording completed on the Luddenham road and the Farm buildings. The recording was completed as per this condition prior to impact.</p> <p>Archival recording for the AEW packages was conducted (if required) prior to the current audit period.</p>	C
E25	The Archival Recording Report must be submitted to the Planning Secretary, relevant councils and Heritage NSW for information within 12 months of completing all work described in the documents listed in Condition A1 in relation to heritage items. Copies of the Archival Recording Report must also be provided to relevant local historical societies.	Applicable	Applicable	Applicable	<p>Site inspection 06, 12, 13/02/24</p> <p>DPHI post approval portal lodgement records, 05/02/24</p> <p>Auditee response to RF12, received 27/02/24</p> <p>Letter Heritage NSW to Sydney Metro, 26/02/24.</p>	<p>This requirement is not yet due.</p> <p>Sydney Metro provided evidence showing submission of the following reports to the Department and Heritage NSW.</p> <ul style="list-style-type: none"> Bringelly RAAF Photo Archival Recording, Artefact Heritage, November 2021; Kelvin Photo Archival Recording, AMBS, September 2023 McGarvie Smith Farm Photo Archival Recording, Alexander Mayes Photography, August 2022 <p>Heritage NSW advised that:</p> <p><i>The heritage photo archival recordings providing for Bringelly RAAF Base (Artefact Heritage), Kelvin (AMBS) and McGarvie Smith Farm (A Mayes Photography) are considered to adequately meet conditions E24 and E25 of SS1 10051 approvals conditions.</i></p> <p><i>Unfortunately, the heritage photo archival recording for Luddenham Road by Alexander Mayes Photography was not successfully uploaded to the HNSW Heritage Management System via the Major Projects Planning Portal. As such, HNSW were unable to review it and provide confirmation that it meets conditions E24 and E25 of the SSI approval.</i></p> <p>Submission to Council and historical societies was pending.</p>	NT
E26	Following completion of all work described in the documents listed in Condition A1 in relation to heritage items, a non-Aboriginal Archaeological Excavation Report including the details of further historical research either undertaken or to be carried out and archaeological excavations (with artefact analysis and identification of a final repository for finds) and addressing the research design, must be prepared in accordance with any guidelines and standards required by the Heritage Council of NSW and Heritage NSW.	Applicable	Applicable	Applicable	Site inspection 06, 12, 13/02/24	Works are ongoing.	NT
E27	The non-Aboriginal Archaeological Excavation Report must be submitted to the Planning Secretary, relevant councils and Heritage NSW for information within 12 months of completing all Work described in the documents listed in Condition A1 in relation to heritage items. Copies of the Report must also be provided to relevant local historical societies and local libraries.	Applicable	Applicable	Applicable	Site inspection 06, 12, 13/02/24	Works are ongoing.	NT

E28	All reasonable steps must be taken so as not to harm, modify or otherwise impact Aboriginal objects or places of cultural significance except as authorised by this approval.	Applicable	Applicable	Applicable	<p>Aboriginal Cultural Heritage Management Plan, Sydney Metro, 19/08/21 (ACHMP)</p> <p>SBT CEMP (Annexure B – unexpected finds protocol), 29/09/22</p> <p>SBT St Marys Archaeological Monitoring Method Statement, AMBS, January 2022</p> <p>SBT St Marys Archaeological Monitoring Report, AMBS, December 2022</p> <p>SBT interview 07-08/02/24</p> <p>SBT Project induction (no date) including information on sustainability, hold points, legal requirements, soil and water, contamination and spills, noise and vibration, flora and fauna, unexpected finds and heritage, visual amenity, air quality, waste</p> <p>Sydney Metro interview 01-13/02/24</p> <p>SCAW CEMP, 04/11/22</p> <p>SCAW Non-Aboriginal Heritage Management Plan, 04/10/22</p> <p>SCAW Project induction, Rev22 (covers air quality, contamination, biodiversity, heritage, unexpected finds (heritage and contam), spoil import, ERSED, noise and vibration, waste chemicals, spills, incidents and permits)</p> <p>Unexpected Heritage Find Reporting Form, 22/11/22 (potential find of heritage work during excavation at the SCAW compound)</p> <p>SCAW interview 09-12/02/24</p> <p>Unexpected Heritage Find Reporting Form, 12/01/23 (Scar tree find at Cosgrove’s Creek, Luddenham)</p> <p>Sydney Metro Archaeological Site Clearance Certificates (x8)</p> <p>Email Metro internal, 30/08/22 (status update on Aboriginal archaeological clearance).</p>	<p>It is understood that known heritage items from the EIS have been cleared prior to construction that impacts the land on which they reside, or design has been refined to avoid the items, or works affecting the items has yet to occur.</p> <p>SBT St Marys Archaeological Monitoring Report confirmed that supervision was carried out during works in risk area, and that no items of significance were identified during the works in the subject area. There were no other areas of heritage significance subject to disturbance. SBT have trained the workforce in identification and reporting on heritage finds. SBT are not aware of any unexpected finds during the audit period.</p> <p>SCAW utilises the Metro unexpected finds procedure. The Non-Aboriginal Heritage Management Plan has identified that unexpected finds for non-Aboriginal heritage to be unlikely. SCAW have trained the workforce in identification and reporting on heritage finds.</p> <p>During the SCAW walk through in November 2022, as part of welcome to country two scar trees were identified. The trees remain in place and redesign has occurred (during the audit period) at Cosgrove’s Creek to avoid these trees. The subject site was observed during the audit site inspection. No other unexpected finds were identified or managed during the current audit period. The coordinates of the trees were not correct in project documentation, but this error has been identified as documentation is in the process of being updated. The error has not resulted in harm or impact on the trees.</p> <p>Metro advises that there were no Aboriginal unexpected finds associated with AEW works.</p> <p>Aboriginal archaeological investigations and salvage was completed. As at 01/02/23, eight sites have been cleared or partially cleared for the purpose of the SM-WSA project, in accordance with the ACHMP:</p> <ul style="list-style-type: none"> • BWB • B22 (AHIMS 45-5-2640) • AS3 • UVA1 • AS7 • AS6 • UVA2; and • AS2. <p>According to an email within Metro all sites have been cleared as at 30/08/22. No change for the current audit period.</p>	C
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E29	<p>The Registered Aboriginal Parties (RAPs) must be kept regularly informed about the CSSI. The RAPs must continue to be provided with the opportunity to be consulted about the Aboriginal cultural heritage management requirements of the CSSI throughout construction.</p>	Applicable	Applicable	Applicable	<p>Aboriginal Cultural Heritage Management Plan, Sydney Metro, 19/08/21 (ACHMP)</p> <p>00_WSA RAP consultation.xls (RAP consultation register)</p> <p>WSA RAP consultation log, Sydney Metro, Feb 24</p> <p>Quarterly Registered Aboriginal Party (RAP) update December 2023, issued 12/12/23</p>	<p>Metro advised that, prior to the current audit period, Sydney Metro consulted with RAPs on the final ACHMP. According to a register consultation during the audit period comprised: emails to RAPs regarding fieldwork and on site consultation (August and December 2022), presentation of preliminary findings from investigations (September 2022), update email (and letter) on details of all salvage and artefact assemblage (December 2022). An update was provided to the RAPs on the results of the archaeological program (3D scanning etc.) and advised that they will be provided a copy of the report and request feedback (July 2023). One response supporting the 3D scanning was received from a RAP representative.</p> <p>Further consultation was undertaken in September, December and January about lithic analysis, salvage report progress, coordinates on scar trees and ACHMP update.</p> <p>Metro has also commenced a quarterly update on the Project, issued specifically to RAPs to ensure they remain up to date with Project works.</p>	C
E30	<p>The Aboriginal Cultural Heritage Management Plan included in the documents listed in Condition A1 must be updated to include:</p> <p>(a) a methodology for the completion of pedestrian surveys for all areas within the project footprint yet to be surveyed;</p> <p>(b) procedures for undertaking further test excavation and, if necessary, salvage excavations prior to the commencement of works in areas subject to further test excavation;</p> <p>(c) mapping that clearly outlines all areas yet to be subject to survey, test excavations, and salvage excavations;</p> <p>(d) a procedure to update mapping following the completion of survey, test excavations, and salvage excavations that detail the archaeological works conducted across the project footprint;</p> <p>(e) a procedure for updating the predictive model following the identification of new Aboriginal heritage items; and</p> <p>(f) a procedure to report and update the effectiveness of the Aboriginal Cultural Heritage Management Plan following the completion of survey, test excavation activities or significant artefact finds.</p> <p>The updated Plan must be submitted to the Planning Secretary for information prior to works in areas identified for further test excavations.</p> <p>Note: Salvage excavations in the areas identified for salvage in documents in Condition A1, may occur prior to additional test excavations occurring.</p>	Applicable	Applicable	Applicable	<p>Aboriginal Cultural Heritage Management Plan, Sydney Metro, 19/08/21 (ACHMP)</p> <p>Letter DPHI to Sydney Metro, 24/09/21</p> <p>Sydney Metro interview 01-13/02/24</p> <p>Sydney Metro Archaeological Site Clearance Certificates (x8)</p> <p>Email Metro internal, 30/08/22 (status update on Aboriginal archaeological clearance).</p> <p>Email AECOM to Sydney Metro, 26/07/23 (update on status on Aboriginal Cultural Heritage Excavation Report(s))</p>	<p>Metro evidence indicates that the Aboriginal Cultural Heritage Plan was updated as per this condition and submitted to the Department. Test excavations commenced on 27/01/22 (i.e.: after submission of the ACHMP to the Department)</p> <p>Aboriginal archaeological investigations and salvage was completed. As at 01/02/23, eight sites have been cleared or partially cleared for the purpose of the SM-WSA project, in accordance with the ACHMP:</p> <ul style="list-style-type: none"> • BWB • B22 (AHIMS 45-5-2640) • AS3 • UVA1 • AS7 • AS6 • UVA2; and • AS2. <p>According to Sydney Metro all sites have been cleared as at 30/08/22. No change for the current audit period.</p>	C
E31	<p>The updated Aboriginal Cultural Heritage Management Plan must be implemented for the duration of salvage activities and construction.</p>	Applicable	Applicable	Applicable	<p>Aboriginal Cultural Heritage Management Plan, Sydney Metro, 19/08/21 (ACHMP)</p> <p>Letter DPHI to Sydney Metro, 24/09/21</p> <p>Sydney Metro interview 01-13/02/24</p> <p>Sydney Metro Archaeological Site Clearance Certificates (x8)</p> <p>Email Metro internal, 30/08/22 (status update on Aboriginal archaeological clearance).</p> <p>Email AECOM to Sydney Metro, 26/07/23 (update on status on Aboriginal Cultural Heritage Excavation Report(s))</p> <p>Quarterly Registered Aboriginal Party (RAP) update December 2023, issued 12/12/23</p>	<p>To note, test excavation has been completed and the site cleared. The clearance certificates include a statement from the consultant that works were carried out as per the ACHMP and that relevant area has been cleared. Metro are not aware of any areas that will be subject to further excavation and therefore no updates to the mapping, the methodology or the ACHMP.</p> <p>The Project is now in a phase where unexpected finds is the only action on site remaining. Refer to E28 – E36 with respect to completion of other requirements captured in the ACHMP.</p>	C

E32	<p>At the completion of Aboriginal cultural heritage test and salvage excavations, an Aboriginal Cultural Heritage Excavation Report(s) must be prepared by a suitably qualified person. The Aboriginal Cultural Heritage Excavation Report(s) must:</p> <p>(a) be prepared in accordance with the Guide to Investigation, assessing and reporting on Aboriginal cultural heritage in NSW, OEH 2011 and the Code of Practice for Archaeological Investigation of Aboriginal Objects in New South Wales, DECCW 2010; and</p> <p>(b) document the results of the archaeological test excavations and any subsequent salvage excavations (with artefact analysis and identification of a final repository for finds).</p> <p>The RAPs must be given a minimum of 28 days to consider the report(s) and provide comments before the report(s) is finalised. The final report(s) must be provided to the Planning Secretary, Heritage NSW, the relevant Councils, Gandangara LALC and Deerubbin LALC, the RAPs and local libraries within 24 months of the completion of the Aboriginal archaeological excavations (both test and salvage).</p>	Applicable	Applicable	Applicable	<p>Metro interview 01-13/02/24</p> <p>Sydney Metro Archaeological Site Clearance Certificates (x8)</p> <p>Email Metro internal, 30/08/22 (status update on Aboriginal archaeological clearance).</p> <p>Email AECOM to Sydney Metro, 26/07/23 (update on status on Aboriginal Cultural Heritage Excavation Report(s))</p> <p>00_WSA RAP consultation.xls (RAP consultation register)</p> <p>WSA RAP consultation log, Sydney Metro, Feb 24</p> <p>Quarterly Registered Aboriginal Party (RAP) update December 2023, issued 12/12/23</p>	<p>Aboriginal archaeological investigations and salvage was completed. As at 01/02/23, eight sites have been cleared or partially cleared for the purpose of the SM-WSA project, in accordance with the ACHMP:</p> <ul style="list-style-type: none"> • BWB • B22 (AHIMS 45-5-2640) • AS3 • UVA1 • AS7 • AS6 • UVA2; and • AS2. <p>According to an email within Metro all sites have been cleared as at 30/08/22 (the first of which was cleared in July 2022). The Excavation Reports are due in ~July 2024.</p> <p>The heritage consultant advised that the draft Aboriginal Cultural Heritage Excavation Report was submitted to Sydney Metro and the RAPs in late 2023. There was 1 x response and the Report is being updated.</p>	NT
E33	<p>Where previously unidentified Aboriginal objects or places of cultural significance are discovered, all work must immediately stop in the vicinity of the affected area. Works potentially affecting the previously unidentified objects or places must not recommence until Heritage NSW has been informed. The measures to consider and manage this process must be specified in the Unexpected Heritage Finds and Human Remains Procedure required by Condition E34 and include registration in the Aboriginal Heritage Information Management System (AHIMS), where required.</p>	Applicable	Applicable	Applicable	<p>Metro interview 01-13/02/24</p> <p>Unexpected Heritage Finds Procedure, Sydney Metro, May 2021</p> <p>Unexpected Heritage Find Reporting Form, 12/01/23 (Scar tree find at Cosgrove's Creek, Luddenham)</p> <p>Site access and haul package site plan 255127, Rev2, SCAW (redesign around scar trees)</p> <p>Site inspection 06, 12, 13/02/24</p>	<p>Sydney Metro are not aware of any unexpected finds during the audit period (or prior) with the exception of the following: During the SCAW walk through in November 2022, as part of welcome to country two scar trees were identified. Trees have been protected, additional consultation undertaken and trees were registered on AHIMS (#45-5-5667, and #45-5-5668). Consultation was undertaken, the trees were registered. The trees remain in place and redesign has occurred to avoid these trees. The area remains protected.</p>	C
E34	<p>An Unexpected Heritage Finds and Human Remains Procedure must be prepared to manage unexpected heritage finds (heritage items and values) in accordance with any guidelines and standards prepared by the Heritage Council of NSW or Heritage NSW.</p>	Applicable	Applicable	Applicable	<p>Unexpected Heritage Finds Procedure, Sydney Metro, May 2021</p> <p>Exhumation Management Procedure, Sydney Metro, May 2021 (Human Remains Procedure)</p> <p>Letter DPPI to Sydney Metro, 30/09/21</p> <p>SBT CEMP (Annexure B – unexpected finds protocol), 29/09/22</p> <p>SBT Project induction (no date) including information on sustainability, hold points, legal requirements, soil and water, contamination and spills, noise and vibration, flora and fauna, unexpected finds and heritage, visual amenity, air quality, waste</p> <p>SCAW CEMP, 04/11/22</p> <p>AEW FSM Construction Environmental Management Plan, Laing O'Rourke, 15/05/23 (Appendix Q)</p> <p>FSM unexpected Heritage Finds Report, Weekend 48, GML</p>	<p>The Unexpected Heritage Finds and Human Remains Procedure was prepared in accordance with the relevant guideline by a suitably qualified person, and was approved by the Department prior to the current audit period.</p> <p>The procedure has been summarised in Annexure B of the approved SBT CEMP.</p> <p>The approved SCAW CEMP has identified this requirement as being the responsibility of Metro. The protocol has been followed when triggered. Refer E28.</p> <p>The FSM CEMP includes the Metro unexpected finds procedure.</p>	C

E35	<p>The Unexpected Heritage Finds and Human Remains Procedure must be prepared by a suitably qualified and experienced heritage specialist in consultation with the Heritage Council of NSW (with respect to non-Aboriginal cultural heritage) and in relation to Aboriginal cultural heritage, in accordance with the Code of Practice for Archaeological Investigation of Aboriginal Objects in New South Wales (DECCW 2010) and submitted to the Planning Secretary for information no later than one (1) month before the commencement of construction.</p>	Applicable	Applicable	Applicable	<p>SBT CEMP (Annexure B – unexpected finds protocol), 29/09/22</p> <p>Unexpected Heritage Finds Procedure, Sydney Metro, May 2021</p> <p>Exhumation Management Procedure, Sydney Metro, May 2021 (Human Remains Procedure)</p> <p>Letter DPHI to Sydney Metro, 30/09/21 (approval of Unexpected Heritage Finds and Exhumation Management Procedures)</p> <p>SCAW CEMP, 04/11/22</p>	<p>The Unexpected Heritage Finds and Human Remains Procedure was prepared in accordance with the relevant guideline by a suitably qualified person in consultation with Heritage NSW, and was approved by the Department prior to the current audit period.</p> <p>The procedure has been summarised in Annexure B of the approved SBT CEMP.</p> <p>The approved SCAW CEMP has identified the development of the procedure to be the responsibility of Metro. SCAW utilises the Metro procedure. The protocol has been followed when triggered. Refer E28.</p> <p>The FSM CEMP includes the Metro unexpected finds procedure.</p>	C
E36	<p>The Unexpected Heritage Finds and Human Remains Procedure, as submitted to the Planning Secretary, must be implemented for the duration of construction.</p> <p>Where archaeological investigations have been undertaken as a result of Unexpected Finds notifications then a Final Archaeological Report must be provided in accordance with Heritage Council guidance and standard requirements for final reporting under Excavation Permits.</p> <p>Note: Human remains that are found unexpectedly during the carrying out of work may be under the jurisdiction of the NSW State Coroner and must be reported to the NSW Police immediately. Management of human remains in NSW is subject to requirements set out in the Public Health Act 2010 (NSW) and Public Health Regulation 2012 (NSW). Nothing in these conditions prevents separate procedures for the Unexpected Heritage Finds and Human Remains Procedure.</p>	Applicable	Applicable	Applicable	<p>SBT CEMP (Annexure B – unexpected finds protocol), 29/09/22</p> <p>Unexpected Heritage Finds Procedure, Sydney Metro, May 2021</p> <p>SBT St Marys Archaeological Monitoring Method Statement, AMBS, January 2022</p> <p>SBT St Marys Archaeological Monitoring Report, AMBS, December 2022</p> <p>SBT interview 07-08/02/24</p> <p>SCAW CEMP, 04/11/22</p> <p>Unexpected Heritage Find Reporting Form, 22/11/22 (potential find of heritage work during excavation at the SCAW compound)</p> <p>SCAW interview 09-12/02/24</p> <p>Unexpected Heritage Find Reporting Form, 12/01/23 (Scar tree find at Cosgrove's Creek, Luddenham)</p> <p>FSM unexpected Heritage Finds Report, Weekend 48, GML</p> <p>Site inspection 06, 12, 13/02/24</p>	<p>The procedure has been incorporated into the SBT CEMP. SBT have trained the workforce in identification and reporting on heritage finds. SBT are not aware of any unexpected finds during the audit period.</p> <p>The approved SCAW CEMP has identified the development of the procedure to be the responsibility of Metro. SCAW utilises the Metro procedure. The protocol has been followed when triggered.</p> <p>During the SCAW walk through in November 2022, as part of welcome to country two scar trees were identified. Trees have been protected, additional consultation undertaken and trees were registered on AHIMS (#45-5-5667, and #45-5-5668). Consultation was undertaken, the trees were registered. The trees remain in place and redesign has occurred to avoid these trees. The protection of the trees was observed during the audit site inspection.</p> <p>There have been numerous unexpected finds on FSM during auger and excavation works. These comprise historical brickwork / footings. The heritage consultant has authorized that the items are not of significance and do not require salvage or further investigation and can be continued to be impacted during the works.</p>	C
Noise and Vibration							

E37	<p>A detailed land use survey must be undertaken to confirm sensitive land use(s) (including critical working areas such as operating theatres and precision laboratories) potentially exposed to construction noise and vibration and construction ground-borne noise. The survey may be undertaken on a progressive basis but must be undertaken in any one area before the commencement of work which generates construction noise, vibration or ground-borne noise in that area. The results of the survey must be included in the Detailed Noise and Vibration Impact Statements required under Condition E47.</p>	Applicable	Applicable	Applicable	<p>SBT Detailed Noise and SBT Detailed Noise and Vibration Impact Statement - Tunnelling, August 2023 (and submission to ER 20/07/23)</p> <p>SBT Detailed Noise and SBT Detailed Noise and Vibration Impact Statement - Orchard Hills Tunnel Support Worksite, July 2023</p> <p>SBT Detailed Noise and Vibration Impact Statement - St Marys Station, February 2023</p> <p>SBT Detailed Noise and Vibration Impact Statement - Claremont Meadows Ventilation Facility, September 2023, including addendum 14/02/24 and ER endorsement 22/02/24</p> <p>SBT Detailed Noise and Vibration Impact Statement - Aerotropolis Core Station, April 2023</p> <p>SBT Detailed Noise and Vibration Impact Statement - Bringelly Services Facility, 19/02/24 (including ER endorsement).</p> <p>SCAW Noise and Vibration Management Sub-plan, 13/12/2023 (SCAW NVMP) including noise and vibration monitoring program and records of consultation, revised in response to Sydney Metro and ER comments</p> <p>SCAW Land Use Survey, Resonate, 05/08/22</p> <p>SCAW Detailed Noise and Vibration Impact Statement, Survey and Utility Investigation Works, 21/09/22</p> <p>SCAW Detailed Noise and Vibration Impact Statement, Material Delivery and Stockpiling, 23/02/23</p> <p>SCAW Detailed Noise and Vibration Impact Statement, OOHV deliveries at Elizabeth Drive, 09/01/23</p> <p>SCAW Detailed Noise and Vibration Impact Statement, Warragamba Pipeline Works, Luddenham Roundabout Works and Full Viaduct Alignment – Cosgrove’s Creek to Paton’s Lane, 26/07/23</p> <p>SCAW Detailed Noise and Vibration Impact Statement, Sandstone Delivery and Placement for Cosgroves Creek to Patons Lane and Defence Establishment Orchard Hills & Haul Road Drainage Crossing, 21/09/23 and ER letter of endorsement 11/10/23</p> <p>SCAW Detailed Noise and Vibration Impact Statement, Lansdowne Road / Samuel Marsden Earthworks & Structure Works, 13/11/23 and ER Letter of endorsement 23/11/23.</p> <p>AEW FSM Detailed Noise and Vibration Impact Statement, 05/07/23</p>	<p>The Land Use Surveys are included in the SBT, SCAW, FSM DNVISs. According to the revision dates on the Land Use Surveys within the DNVISs (or those from previous audit periods), the surveys appear to have been prepared prior to works resulting in construction noise, vibration or ground borne noise.</p>	C
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E38	<p>Work must only be undertaken during the following hours:</p> <p>(a) 7:00am to 6:00pm Mondays to Fridays, inclusive;</p> <p>(b) 8:00am to 1:00pm Saturdays; and</p> <p>(c) at no time on Sundays or public holidays.</p>	Applicable	Applicable	Applicable	<p>SBT NSW (Off-airport) Construction Noise and Vibration Management Sub-plan, 20/02/24 (SBT NVMP) including Noise and Vibration Monitoring Program</p> <p>SBT Project induction (no date) including information on sustainability, hold points, legal requirements, soil and water, contamination and spills, noise and vibration, flora and fauna, visual amenity, air quality, waste</p> <p>SBT Toolbox Talk register, August 23 – Jan 24 (environmental toolbox talk register, showing 24 x enviro toolbox deliveries in last 6 months covering dust management, concrete washout, water management and ERSER, Tree Clearing, WTP, mud tracking, bunding and chemical storage, groundwater management and OOHV)</p> <p>SBT Noise and Vibration Monitoring Report, May – October 23, 30/11/23</p> <p>SCAW Noise and Vibration Management Sub-plan, 13/12/2023 (SCAW NVMP) including noise and vibration monitoring program and records of consultation, revised in response to Sydney Metro and ER comments</p> <p>SCAW Project induction, Rev22 (covers air quality, contamination, biodiversity, heritage, unexpected finds (heritage and contam), spoil import, ERSER, noise and vibration, waste chemicals, spills, incidents and permits)</p> <p>SCAW synergy SHEQ system (online)</p> <p>SCAW weekly synergy reports (inspection register)</p> <p>SCAW Work Pack, Pier bracket Installation and Relocation, 15/09/23 activity finish 31/12/24</p> <p>SCAW Work Pack, Piers and Capital Works near waters, 12/10/23</p> <p>SCAW Work Pack, Pilling Works in unnamed creek, 05/09/23</p> <p>SCAW consolidated monitoring result register, 30/01/24</p> <p>SCAW 6-monthly construction monitoring reports on the CBUI website. https://www.cpbcon.com.au/our-projects/2022/sydney-metro-western-sydney-airport-surface-and-civil-alignment-works</p> <p>AEW FSM Construction Environmental Management Plan, Laing O'Rourke, 15/05/23</p> <p>Laing O'Rourke, Field View (checklist and inspection module), (online)</p> <p>FSM Possession Packs WE10 and WE21, covers noise and vibration, heritage, waste and stockpiling</p> <p>FSM OOHV permits Weekend 21, Weekend 34 (LIW), Weekend 40 (LIW), Weekend 04 and Weekend 48.</p> <p>ER Monthly Reports August to December 2023</p> <p>Complaints register current to 29/02/24</p>	<p>Construction hours (standard and high noise) are specified within project documentation and have been communicated to the workforce through the induction, Work Packs, some environmental control maps, posters and toolboxes. The workforce has signed on to the relevant documents acknowledging that they understand the requirements.</p> <p>High risk activities are monitored by construction staff and the ER. According to the ER Monthly Reports, there do not appear to be any other instances of breaches of the work hours.</p> <p>Several noise complaints have been received but the Auditor does not consider this to be excessive, do not indicate breaches, and the responses appear appropriate.</p>	C
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E39	<p>Except as permitted by an EPL or approved in accordance with the Out-of-Hours Works Protocol required by Condition E42, highly noise intensive work that result in an exceedance of the applicable NML at the same receiver must only be undertaken:</p> <p>(a) between the hours of 8:00 am to 6:00 pm Monday to Friday;</p> <p>(b) between the hours of 8:00 am to 1:00 pm Saturday; and</p> <p>(c) if continuously, then not exceeding three (3) hours, with a minimum cessation of work of not less than one (1) hour.</p> <p>For the purposes of this condition, 'continuously' includes any period during which there is less than one (1) hour between ceasing and recommencing any of the work.</p>	Applicable	Applicable	Applicable	<p>SBT NSW (Off-airport) Construction Noise and Vibration Management Sub-plan, 20/02/24 (SBT NVMP) including Noise and Vibration Monitoring Program</p> <p>SBT Project induction (no date) including information on sustainability, hold points, legal requirements, soil and water, contamination and spills, noise and vibration, flora and fauna, visual amenity, air quality, waste</p> <p>SBT Toolbox Talk register, August 23 – Jan 24 (environmental toolbox talk register, showing 24 x enviro toolbox deliveries in last 6 months covering dust management, concrete washout, water management and ERSED, Tree Clearing, WTP, mud tracking, bunding and chemical storage, groundwater management and OOHW)</p> <p>SBT Noise and Vibration Monitoring Report, May – October 23, 30/11/23</p> <p>SCAW Noise and Vibration Management Sub-plan, 13/12/2023 (SCAW NVMP) including noise and vibration monitoring program and records of consultation, revised in response to Sydney Metro and ER comments</p> <p>SCAW Project induction, Rev22 (covers air quality, contamination, biodiversity, heritage, unexpected finds (heritage and contam), spoil import, ERSED, noise and vibration, waste chemicals, spills, incidents and permits)</p> <p>SCAW synergy SHEQ system (online)</p> <p>SCAW weekly synergy reports (inspection register)</p> <p>SCAW Work Pack, Pier bracket Installation and Relocation, 15/09/23 activity finish 31/12/24</p> <p>SCAW Work Pack, Piers and Capital Works near waters, 12/10/23</p> <p>SCAW Work Pack, Pilling Works in unnamed creek, 05/09/23</p> <p>SCAW consolidated monitoring result register, 30/01/24</p> <p>SCAW 6-monthly construction monitoring reports on the CBU website. https://www.cpbcon.com.au/our-projects/2022/sydney-metro-western-sydney-airport-surface-and-civil-alignment-works</p> <p>AEW FSM Construction Environmental Management Plan, Laing O'Rourke, 15/05/23</p> <p>Laing O'Rourke, Field View (checklist and inspection module), (online)</p> <p>FSM Possession Packs WE10 and WE21, covers noise and vibration, heritage, waste and stockpiling</p> <p>FSM OOHW permits Weekend 21, Weekend 34 (LIW), Weekend 40 (LIW), Weekend 04 and Weekend 48.</p> <p>ER Monthly Reports August to December 2023</p> <p>Complaints register current to 29/02/24</p>	<p>High noise construction are specified within project documentation and have been communicated to the workforce through the induction, Work Packs, environmental control maps, and toolboxes. The workforce has signed on to the relevant documents acknowledging that they understand the requirements.</p> <p>SBT indicates that there have not been any day time works that were likely to have triggered this requirement during the audit period. OOHW have been approved via the EPL.</p> <p>SCAW have not identified any highly noise intensive works that result in exceedances of the NML. AEW Water has some activities predicted to present high noise activities but these had not commenced at the time of the audit. AEW SPO and AEW FSM did not have any highly noise intensive activities during the audit period.</p> <p>Several noise complaints have been received but the Auditor does not consider this to be excessive, and the responses appear appropriate.</p>	C
E40	This approval does not permit blasting.	Applicable	Applicable	Applicable	<p>SBT interview 07-08/02/24</p> <p>SCAW interview 09-12/02/24</p> <p>Metro interview 01-13/02/24</p>	The auditees are not aware of any blasting.	NT

<p>E41</p>	<p>Notwithstanding Conditions E38 and E39 work may be undertaken outside the hours specified in the following circumstances:</p> <p>(a) Safety and Emergencies, including:</p> <ul style="list-style-type: none"> (i) for the delivery of materials required by the NSW Police Force or other authority for safety reasons; or (ii) where it is required in an emergency to avoid injury or the loss of life, to avoid damage or loss of property or to prevent environmental harm; or <p>(b) Low impact, including:</p> <ul style="list-style-type: none"> (i) construction that causes LAeq(15 minute) noise levels: • no more than 5 dB(A) above the rating background level at any residence in accordance with the ICNG, and • no more than the 'Noise affected' NMLs specified in Table 3 of the ICNG at other sensitive land user(s); and (ii) construction that causes: • continuous or impulsive vibration values, measured at the most affected residence are no more than the preferred values for human exposure to vibration, specified in Table 2.2 of Assessing Vibration: a technical guideline (DEC, 2006), or • intermittent vibration values measured at the most affected residence are no more than the preferred values for human exposure to vibration, specified in Table 2.4 of Assessing Vibration: a technical guideline (DEC, 2006); or <p>(c) By Approval, including:</p> <ul style="list-style-type: none"> (i) where different construction hours are permitted or required under an EPL in force in respect of the CSSI; or (ii) works which are not subject to an EPL that are approved under an Out-of-Hours Work Protocol as required by Condition E42; or (iii) negotiated agreements with directly affected residents and sensitive land user(s); or <p>(d) By Prescribed Activity, including:</p> <ul style="list-style-type: none"> (i) tunnelling and ancillary support activities (excluding cut and cover tunnelling and surface works not directly supporting tunneling) are permitted 24 hours a day, seven days a week; or (ii) grout batching at the Orchard Hills construction site is permitted 24 hours per day, seven days per week; or (iii) delivery of material that is required to be delivered outside of standard construction hours in Condition E38 to directly support tunnelling activities, except between the hours 10:00 pm and 7:00 am to / from the Orchard Hills ancillary facility; or (iv) haulage of spoil generated through tunnelling is permitted 24 hours per day, seven days per week except between the hours of 10:00 pm and 7:00 am to / from the Orchard Hills construction site; or (v) works within an acoustic enclosure are permitted 24 hours a day, seven days a week where there is no exceedance of noise levels or intermittent vibration levels under Low impact circumstances identified in Condition E41(b), unless otherwise agreed with the Planning Secretary; or (vi) tunnel and underground station box fit out works are permitted 24 hours per day, seven days per week. <p>On becoming aware of the need for emergency work in accordance with (a)(ii) above, the ER, the Planning Secretary and the EPA must be notified of the reasons for such work. The Proponent must use best endeavours to notify as soon as practicable all noise and/or vibration affected sensitive land user(s) of the likely impact and duration of those work.</p> <p>Notes: 1. Tunnelling does not include station box excavation. 2. Tunnelling ancillary support activities includes logistics support and material handling and delivery</p>	<p>Applicable</p>	<p>Applicable</p>	<p>Applicable</p>	<p>SBT NSW (Off-airport) Construction Noise and Vibration Management Sub-plan, 20/02/24 (SBT NVMP) including Noise and Vibration Monitoring Program</p> <p>SBT interview 07-08/02/24</p> <p>SBT EPL 21672</p> <p>SBT OOHW permits 0089 – 0098</p> <p>SBT OOHW Application proforma</p> <p>SCAW Noise and Vibration Management Sub-plan, 13/12/2023 (SCAW NVMP) including noise and vibration monitoring program and records of consultation, revised in response to Sydney Metro and ER comments</p> <p>SCAW Detailed Noise and Vibration Impact Statement, Sandstone Delivery and Placement for Cosgroves Creek to Patons Lane and Defence Establishment Orchard Hills & Haul Road Drainage Crossing, 21/09/23 and ER letter of endorsement 11/10/23</p> <p>SCAW Detailed Noise and Vibration Impact Statement, Lansdowne Road / Samuel Marsden Earthworks & Structure Works, 13/11/23 and ER Letter of endorsement 23/11/23.</p> <p>SCAW EPL 21695</p> <p>SCAW OOHW permit register, 16 – 23, current to 09/02/24 and/d associated OOHW permits and monitoring records .</p> <p>SCAW consolidated monitoring result register, 30/07/23</p> <p>Complaints register current to</p> <p>Metro interview 01-13/02/24</p> <p>FSM OOHW permits Weekend 21, Weekend 34 (LIW), Weekend 40 (LIW), Weekend 04 and Weekend 48.</p> <p>AEW FSM Detailed Noise and Vibration Impact Statement, 05/07/23</p>	<p>SBT indicates that all OOHW during the audit period have been conducted under conditions L5.1 – L5.11 of EPL 21672. The OOHW Permit Application Register identifies approximately 8 x OOHW activities approved for the audit period. The OOHW application process includes justification, assessment, controls to be applied (where applicable), notification requirements, cumulative impact consideration and authorization. There does not appear to be OOHW that do not fit the requirements of this condition. A review of the complaints register indicates that whilst there were complaints received regarding OOHW on SBT, these do not appear to be contrary to approved works. The ER has not identified any contraventions in this regard.</p> <p>SCAW indicates that all OOHW during the audit period to be conducted under L5.1 – L5.8 of EPL 21695. All OOHW conducted during the audit period were assessed as being low impact under the EPL, or covered under a DNVIS. The OOHW application process includes justification, assessment, controls to be applied (where applicable), notification requirements, cumulative impact consideration and authorization. There does not appear to be OOHW that do not fit the requirements of this condition. Monitoring conducted indicates that results were below that predicted in the noise assessment.</p> <p>FSM has conducted several weekend possessions which have involved OOHW and were conducted as per the approved OOHW Protocol. For each the relevant assessment has been conducted and approval received. No complaints have been received in relation to noise from these works.</p>	<p>C</p>
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E42	<p>An Out-of-Hours Work Protocol must be prepared to identify a process for the consideration, management and approval of work (not subject to an EPL) that is outside the hours defined in Conditions E38 and E39. The Protocol must be approved by the Planning Secretary before commencement of the out-of-hours work. The Protocol must be prepared in consultation with the ER. The Protocol must provide:</p> <p>(a) justification for why out-of-hours work need to occur;</p> <p>(b) identification of low and high-risk activities and an approval process that considers the risk of activities, proposed mitigation, management, and coordination, including where:</p> <ul style="list-style-type: none"> (i) the ER reviews all proposed out-of-hours activities and confirms their risk levels; (ii) low risk activities that can be approved by the ER; and (iii) high risk activities that are approved by the Planning Secretary; <p>(c) a process for the consideration of out-of-hours work against the relevant NML and vibration criteria;</p> <p>(d) a process for selecting and implementing mitigation measures for residual impacts in consultation with the community at each affected location, including respite periods consistent with the requirements of Condition E56. The measures must take into account the predicted noise levels and the likely frequency and duration of the out-of-hours works that sensitive land user(s) would be exposed to, including the number of noise awakening events;</p> <p>(e) procedures to facilitate the coordination of out-of-hours work including those approved by an EPL or undertaken by a third party, to ensure appropriate respite is provided; and</p> <p>(f) notification arrangements for affected receivers for all approved out-of-hours works and notification to the Planning Secretary of approved low risk out-of-hours works.</p> <p>This condition does not apply if the requirements of Condition E41 are met.</p> <p>Note: Out-of-hours work is any work that occurs outside the construction hours identified in Condition E38 and E39.</p>	Applicable	Applicable	Applicable	<p>Sydney Metro Western Sydney Airport Out of Hours Works Protocol, Sydney Metro, 08/11/21</p> <p>Letter DPHI to Sydney Metro, 11/11/21 (approval of OOHW Protocol)</p> <p>Metro interview 01-13/02/24</p> <p>AEW FSM Construction Environmental Management Plan, Laing Orouke, 15/05/23</p> <p>AEW FSM Detailed Noise and Vibration Impact Statement, 05/07/23</p> <p>FSM OOHW permits Weekend 21, Weekend 34 (LIW), Weekend 40 (LIW), Weekend 04 and Weekend 48.</p>	<p>The overarching OOHW Protocol was developed and approved prior to the current audit period.</p> <p>Both SBT and SCAW operate under their EPLs and do not use the OOHW Protocol.</p> <p>The FSM OOHW conducted during the audit period have been conducted in accordance with the approved OOHW Protocol.</p>	C
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E43	<p>Mitigation measures must be implemented with the aim of achieving the following construction noise management levels and vibration criteria:</p> <p>(a) construction 'Noise affected' noise management levels established using the Interim Construction Noise Guideline (DECC, 2009);</p> <p>(b) preferred vibration criteria established using the Assessing vibration: a technical guideline (DEC, 2006) (for human exposure);</p> <p>(c) Australian Standard AS 2187.2 - 2006 "Explosives - Storage and Use - Use of Explosives" (for human exposure); (d) BS 7385 Part 2-1993 "Evaluation and measurement for vibration in buildings Part 2" as they are "applicable to Australian conditions"; and</p> <p>(e) the vibration limits set out in the German Standard DIN 4150-3: Structural Vibration- effects of vibration on structures (for structural damage).</p> <p>Any work identified as exceeding the noise management levels and / or vibration criteria must be managed in accordance with the Noise and Vibration CEMP Sub-plan.</p> <p>Note: The ICNG identifies 'particularly annoying' activities that require the addition of 5 dB(A) to the predicted level before comparing to the construction Noise Management Level.</p>	Applicable	Applicable	Applicable	<p>Site inspection 06, 12, 13/02/24</p> <p>SBT Detailed Noise and SBT Detailed Noise and Vibration Impact Statement - Tunnelling, August 2023 (and submission to ER 20/07/23)</p> <p>SBT Detailed Noise and SBT Detailed Noise and Vibration Impact Statement - Orchard Hills Tunnel Support Worksite, July 2023</p> <p>SBT Detailed Noise and Vibration Impact Statement - St Marys Station, February 2023</p> <p>SBT Detailed Noise and Vibration Impact Statement - Claremont Meadows Ventilation Facility, September 2023, including addendum 14/02/24 and ER endorsement 22/02/24</p> <p>SBT Detailed Noise and Vibration Impact Statement - Aerotropolis Core Station, April 2023</p> <p>SBT Detailed Noise and Vibration Impact Statement - Bringelly Services Facility, 19/02/24 (including ER endorsement).</p> <p>SBT time lapse photos (various)</p> <p>SBT Chek Rite online plant assessment module</p> <p>SBT Noise and Vibration Monitoring Report, May – October 23, 30/11/23</p> <p>SBT Plant sound power level monitoring results (no date)</p> <p>Acoustic shed monitoring results, 07/08/23</p> <p>SCAW Detailed Noise and Vibration Impact Statement, Survey and Utility Investigation Works, 21/09/22</p> <p>SCAW Detailed Noise and Vibration Impact Statement, Material Delivery and Stockpiling, 23/02/23</p> <p>SCAW Detailed Noise and Vibration Impact Statement, OOHW deliveries at Elizabeth Drive, 09/01/23</p> <p>SCAW Detailed Noise and Vibration Impact Statement, Warragamba Pipeline Works, Luddenham Roundabout Works and Full Viaduct Alignment – Cosgrove's Creek to Paton's Lane, 26/07/23</p> <p>SCAW Detailed Noise and Vibration Impact Statement, Sandstone Delivery and Placement for Cosgroves Creek to Patons Lane and Defence Establishment Orchard Hills & Haul Road Drainage Crossing, 21/09/23 and ER letter of endorsement 11/10/23</p> <p>SCAW Detailed Noise and Vibration Impact Statement, Lansdowne Road / Samuel Marsden Earthworks & Structure Works, 13/11/23 and ER Letter of endorsement 23/11/23.</p> <p>SCAW consolidated monitoring result register, 30/01/24</p> <p>SCAW 6-monthly construction monitoring reports on the CBUI website. https://www.cpbcon.com.au/our-projects/2022/sydney-metro-western-sydney-airport-surface-and-civil-alignment-works</p> <p>SCAW Vibration Monitoring Report for 327-329 Luddenham Road, Resonate, 09/10/23</p> <p>AEW FSM Detailed Noise and Vibration Impact Statement, 05/07/23</p> <p>FSM Noise and Vibration Monitoring Result Register current to 19/11/23</p>	<p>SBT Sites have had hoarding installed as per the DNVISs. St Marys had a small acoustic shed at the top of the box to allow concrete deliveries during OOH. The works at this site were completed and handed over to SSTOM in October 23. Solar powered light towers are being used on occasion. Noise blankets were installed on noisy plant including generators and scrubber fans. All plant is assessed through the Chek Rite system which verifies that the plant is well maintained and fitted with non-tonal beacons. Plant sound power levels are being checked to ensure they are below the predicted levels. Noise monitoring at receiver has not identified construction noise as being excessive. The SBT auditees have not identified any vibration intensive works or activities within the safe working distances of plant. Hammering of the shafts and boxes are not proximal to receivers and material is soft. SBT OOHW appear to have had the relevant mitigation measures applied (notification to receivers and verification monitoring etc.) this appears to have been implemented (noting that the auditor has not attended OOHW). Several noise complaints were received during the audit period. These do not appear to be excessive and the response appears to have been adequate.</p> <p>SCAW standard construction hours works have been measured as being compliant with the applicable criteria. The works are not proximal to sensitive receivers and therefore impacts are limited. Note that there is a complainant relevant to SCAW that has gone to mediation over a range of construction impacts. Refer B8-B10. The OOHW applications have identified predominantly compliant noise and vibration levels or have been completed under a community agreement. Refer E41. OOHW noise complaints have been investigated and determined to be either not related to SCAW or associated with compliant works. Vibration was not predicted to be of concern on SCAW. Monitoring was conducted at 327-329 Luddenham Road as a precautionary measure and results were satisfactory.</p> <p>The noise risk from FSM is limited. No complaints have been received in relation to noise or vibration from these works.</p>	C
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E44	<p>All reasonable and feasible mitigation measures must be applied when the following residential ground-borne noise levels are exceeded:</p> <p>(a) evening (6:00 pm to 10:00 pm) — internal LAeq(15 minute): 40 dB(A); and</p> <p>(b) night (10:00 pm to 7:00 am) — internal LAeq(15 minute): 35 dB(A).</p> <p>The mitigation measures must be outlined in the Noise and Vibration CEMP Sub-plan, including in any Out-of-Hours Work Protocol, required by Condition E42.</p>	Applicable	Applicable	Applicable	<p>SBT Detailed Noise and SBT Detailed Noise and Vibration Impact Statement - Tunnelling, August 2023 (and submission to ER 20/07/23)</p> <p>Groundborne noise and vibration monitoring report, Renzo Tonin, 15/12/23</p>	<p>The SBT Tunnelling DNVIS identifies a number of receivers that are predicted to experience ground borne noise above the adopted criteria. Ground borne noise mitigation measures are included in Section 6.3.3 of the DNVIS and Sections 6 and 8 of the approved Noise and Vibration Management Sub-plan. Ground borne noise monitoring was conducted by Renzo Tonin at 3 receivers during the audit period. For each the measured results were either at or below the criteria in this condition and below the predicted levels from the tunnelling DNVIS.</p> <p>Ground-borne noise is not anticipated to be an impact on SCAW or the FSM packages as these involve surface works.</p>	C
E45	<p>Noise generating work in the vicinity of potentially-affected community, religious, educational institutions and noise and vibration-sensitive businesses and critical working areas (such as theatres, laboratories and operating theatres) resulting in noise levels above the NMLs must not be timetabled within sensitive periods, unless other reasonable arrangements with the affected institutions are made at no cost to the affected institution.</p>	Applicable	Applicable	Applicable	<p>SBT Detailed Noise and SBT Detailed Noise and Vibration Impact Statement - Tunnelling, August 2023 (and submission to ER 20/07/23)</p> <p>SBT Detailed Noise and SBT Detailed Noise and Vibration Impact Statement - Orchard Hills Tunnel Support Worksite, July 2023</p> <p>SBT Detailed Noise and Vibration Impact Statement - St Marys Station, February 2023</p> <p>SBT Detailed Noise and Vibration Impact Statement - Claremont Meadows Ventilation Facility, September 2023, including addendum 14/02/24 and ER endorsement 22/02/24</p> <p>SBT Detailed Noise and Vibration Impact Statement - Aerotropolis Core Station, April 2023</p> <p>SBT Detailed Noise and Vibration Impact Statement - Bringelly Services Facility, 19/02/24 (including ER endorsement).</p> <p>SCAW Noise and Vibration Management Sub-plan, 13/12/2023 (SCAW NVMP) including noise and vibration monitoring program and records of consultation, revised in response to Sydney Metro and ER comments</p> <p>SCAW Land Use Survey, Resonate, 05/08/22</p> <p>SCAW Detailed Noise and Vibration Impact Statement, Survey and Utility Investigation Works, 21/09/22</p> <p>SCAW Detailed Noise and Vibration Impact Statement, Material Delivery and Stockpiling, 23/02/23</p> <p>SCAW Detailed Noise and Vibration Impact Statement, OOHW deliveries at Elizabeth Drive, 09/01/23</p> <p>SCAW Detailed Noise and Vibration Impact Statement, Warragamba Pipeline Works, Luddenham Roundabout Works and Full Viaduct Alignment – Cosgrove’s Creek to Paton’s Lane, 26/07/23</p> <p>SCAW Detailed Noise and Vibration Impact Statement, Sandstone Delivery and Placement for Cosgroves Creek to Patons Lane and Defence Establishment Orchard Hills & Haul Road Drainage Crossing, 21/09/23 and ER letter of endorsement 11/10/23</p> <p>SCAW Detailed Noise and Vibration Impact Statement, Lansdowne Road / Samuel Marsden Earthworks & Structure Works, 13/11/23 and ER Letter of endorsement 23/11/23.</p> <p>AEW FSM Detailed Noise and Vibration Impact Statement, 05/07/23</p>	<p>None of the DNVIS’ identify any sensitive land uses listed in this condition as exceeding applicable NMLs.</p>	C

E46	<p>Industry best practice construction methods must be implemented where reasonably practicable to ensure that noise and vibration levels are minimised around sensitive land use(s). Practices may include, but are not limited to:</p> <p>(a) use of regularly serviced low sound power equipment;</p> <p>(b) at source control, temporary noise barriers (including the arrangement of plant and equipment) around noisy equipment and activities such as rock hammering and concrete cutting;</p> <p>(c) use of non-tonal reversing alarms; and</p> <p>(d) use of alternative construction and demolition techniques.</p>	Applicable	Applicable	Applicable	<p>Site inspection 06, 12, 13/02/24</p> <p>SBT Detailed Noise and SBT Detailed Noise and Vibration Impact Statement - Tunnelling, August 2023 (and submission to ER 20/07/23)</p> <p>SBT Detailed Noise and SBT Detailed Noise and Vibration Impact Statement - Orchard Hills Tunnel Support Worksite, July 2023</p> <p>SBT Detailed Noise and Vibration Impact Statement - St Marys Station, February 2023</p> <p>SBT Detailed Noise and Vibration Impact Statement - Claremont Meadows Ventilation Facility, September 2023, including addendum 14/02/24 and ER endorsement 22/02/24</p> <p>SBT Detailed Noise and Vibration Impact Statement - Aerotropolis Core Station, April 2023</p> <p>SBT Detailed Noise and Vibration Impact Statement - Bringelly Services Facility, 19/02/24 (including ER endorsement).</p> <p>SBT time lapse photos (various)</p> <p>SBT Chek Rite online plant assessment module</p> <p>SBT Noise and Vibration Monitoring Report, May – October 23, 30/11/23</p> <p>SBT Plant sound power level monitoring results (no date)</p> <p>Acoustic shed monitoring results, 07/08/23</p> <p>SCAW Detailed Noise and Vibration Impact Statement, Survey and Utility Investigation Works, 21/09/22</p> <p>SCAW Detailed Noise and Vibration Impact Statement, Material Delivery and Stockpiling, 23/02/23</p> <p>SCAW Detailed Noise and Vibration Impact Statement, OOHW deliveries at Elizabeth Drive, 09/01/23</p> <p>SCAW Detailed Noise and Vibration Impact Statement, Warragamba Pipeline Works, Luddenham Roundabout Works and Full Viaduct Alignment – Cosgrove's Creek to Paton's Lane, 26/07/23</p> <p>SCAW Detailed Noise and Vibration Impact Statement, Sandstone Delivery and Placement for Cosgroves Creek to Patons Lane and Defence Establishment Orchard Hills & Haul Road Drainage Crossing, 21/09/23 and ER letter of endorsement 11/10/23</p> <p>SCAW Detailed Noise and Vibration Impact Statement, Lansdowne Road / Samuel Marsden Earthworks & Structure Works, 13/11/23 and ER Letter of endorsement 23/11/23.</p> <p>SCAW consolidated monitoring result register, 30/01/24</p> <p>SCAW 6-monthly construction monitoring reports on the CBUI website. https://www.cpbcon.com.au/our-projects/2022/sydney-metro-western-sydney-airport-surface-and-civil-alignment-works</p> <p>SCAW Vibration Monitoring Report for 327-329 Luddenham Road, Resonate, 09/10/23</p> <p>AEW FSM Detailed Noise and Vibration Impact Statement, 05/07/23</p> <p>FSM Noise and Vibration Monitoring Result Register current to 19/11/23</p> <p>FSM OOHW permits, 15/08/23, 15/11/23</p>	<p>SBT Sites have had hoarding installed as per the DNVISs. St Marys has a small acoustic shed at the top of the box to allow concrete deliveries during OOH. Works at this site are complete and handed over to SSTOM as of October 23. Solar powered light towers are being used on occasion. Noise blankets were installed on noisy plant including generators and scrubber fans. All plant is assessed through the Chek Rite system which verifies that the plant is well maintained and fitted with non-tonal beacons. Plant sound power levels are being checked to ensure they are below the predicted levels. Noise monitoring at receiver has not identified construction noise as being excessive. The SBT auditees have not identified any vibration intensive works or activities within the safe working distances of plant. Hammering of the shafts and boxes are not proximal to receivers and material is soft. SBT OOHW appear to have had the relevant mitigation measures applied (notification to receivers and verification monitoring etc.) this appears to have been implemented (noting that the auditor has not attended OOHW). Several noise complaints were received during the audit period. These do not appear to be excessive and the response appears to have been adequate.</p> <p>SCAW standard construction hours works have been measured as being compliant with the applicable criteria. The works are not proximal to sensitive receivers and therefore impacts are limited. Non-tonal beacons are used on all mobile plant. No demolition works are occurring for SCAW. Note that there is a complainant relevant to SCAW that has gone to mediation over a range of construction impacts. Refer B8-B10. The OOHW applications have identified predominantly compliant noise and vibration levels or have been completed under a community agreement. Refer E41. OOHW noise complaints have been investigated and determined to be either not related to SCAW or associated with compliant works.</p> <p>The noise risk from FSM is limited. No complaints have been received in relation to noise or vibration from these works.</p>	C
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E47	<p>Detailed Noise and Vibration Impact Statements (DNVIS) must be prepared for any work that may exceed the NMLs, vibration criteria and / or ground-borne noise levels specified in Conditions E43 and E44 at any residence outside construction hours identified in Condition E38, or where receivers will be highly noise affected or subject to vibration levels above those otherwise determined as appropriate by a suitably qualified structural engineer under Condition E87. The DNVIS must include specific mitigation measures identified through consultation with affected sensitive land user(s) and the mitigation measures must be implemented for the duration of the works. A copy of the DNVIS must be provided to the ER before the commencement of the associated works. The Planning Secretary and the EPA may request a copy (ies) of the DNVIS.</p>	Applicable	Applicable	Applicable	<p>Site inspection 06, 12, 13/02/24</p> <p>SBT Detailed Noise and SBT Detailed Noise and Vibration Impact Statement - Tunnelling, August 2023 (and submission to ER 20/07/23)</p> <p>SBT Detailed Noise and SBT Detailed Noise and Vibration Impact Statement - Orchard Hills Tunnel Support Worksite, July 2023</p> <p>SBT Detailed Noise and Vibration Impact Statement - St Marys Station, February 2023</p> <p>SBT Detailed Noise and Vibration Impact Statement - Claremont Meadows Ventilation Facility, September 2023, including addendum 14/02/24 and ER endorsement 22/02/24</p> <p>SBT Detailed Noise and Vibration Impact Statement - Aerotropolis Core Station, April 2023</p> <p>SBT Detailed Noise and Vibration Impact Statement - Bringelly Services Facility, 19/02/24 (including ER endorsement).</p> <p>SBT time lapse photos (various)</p> <p>SBT Chek Rite online plant assessment module</p> <p>SBT Noise and Vibration Monitoring Report, May – October 23, 30/11/23</p> <p>SBT Plant sound power level monitoring results (no date)</p> <p>Acoustic shed monitoring results, 07/08/23</p> <p>SCAW Detailed Noise and Vibration Impact Statement, Survey and Utility Investigation Works, 21/09/22</p> <p>SCAW Detailed Noise and Vibration Impact Statement, Material Delivery and Stockpiling, 23/02/23</p> <p>SCAW Detailed Noise and Vibration Impact Statement, OOHW deliveries at Elizabeth Drive, 09/01/23</p> <p>SCAW Detailed Noise and Vibration Impact Statement, Warragamba Pipeline Works, Luddenham Roundabout Works and Full Viaduct Alignment – Cosgrove’s Creek to Paton’s Lane, 26/07/23</p> <p>SCAW Detailed Noise and Vibration Impact Statement, Sandstone Delivery and Placement for Cosgroves Creek to Patons Lane and Defence Establishment Orchard Hills & Haul Road Drainage Crossing, 21/09/23 and ER letter of endorsement 11/10/23</p> <p>SCAW Detailed Noise and Vibration Impact Statement, Lansdowne Road / Samuel Marsden Earthworks & Structure Works, 13/11/23 and ER Letter of endorsement 23/11/23.</p> <p>SCAW consolidated monitoring result register, 30/01/24</p> <p>SCAW 6-monthly construction monitoring reports on the CBUI website. https://www.cpbcon.com.au/our-projects/2022/sydney-metro-western-sydney-airport-surface-and-civil-alignment-works</p> <p>SCAW Vibration Monitoring Report for 327-329 Luddenham Road, Resonate, 09/10/23</p> <p>AEW FSM Detailed Noise and Vibration Impact Statement, 05/07/23</p> <p>FSM Noise and Vibration Monitoring Result Register current to 19/11/23</p> <p>FSM OOHW permits, 15/08/23, 15/11/23</p>	<p>Refer to Independent Audit No. 3 and 4 for the status of preparation of DNVISs, submission to the ER and department / EPA for earlier audit periods.</p> <p>During the audit period SBT updated two DNVISs and SCAW updated / prepared two DNVISs. Each has been provided to the ER prior to the triggering works commencing, or have yet to commence.</p> <p>The auditees are not aware of the Department or EPA requesting copies of any other DNVISs. All the DNVISs are presented on line on the Sydney Metro and contractor websites.</p>	C
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					<p>FSM environmental inspections, 18/12/23, 10/01/24, 15/01/24, 18/11/23</p>		
E48	<p>Owners and occupiers of properties at risk of exceeding the screening criteria for cosmetic damage must be notified before works that generate vibration commences in the vicinity of those properties. If the potential exceedance is to occur more than once or extend over a period of 24 hours, owners and occupiers must be provided a schedule of potential exceedances on a monthly basis for the duration of the potential exceedances, unless otherwise agreed by the owner and occupier. These properties must be identified and considered in the Noise and Vibration CEMP Sub-plan.</p>	Applicable	Applicable	Applicable	<p>SBT Detailed Noise and SBT Detailed Noise and Vibration Impact Statement - Tunnelling, August 2023 (and submission to ER 20/07/23)</p> <p>SBT Detailed Noise and SBT Detailed Noise and Vibration Impact Statement - Orchard Hills Tunnel Support Worksite, July 2023 (and submission to ER 20/07/23)</p> <p>SBT Detailed Noise and Vibration Impact Statement - St Marys Station, February 2023</p> <p>SBT Detailed Noise and Vibration Impact Statement - Claremont Meadows Ventilation Facility, September 2023, including addendum 14/02/24 and ER endorsement 22/02/24</p> <p>SBT Detailed Noise and Vibration Impact Statement - Aerotropolis Core Station, April 2023</p> <p>SBT Detailed Noise and Vibration Impact Statement - Bringelly Services Facility, 19/02/24 (including ER endorsement).</p> <p>SCAW Detailed Noise and Vibration Impact Statement, Survey and Utility Investigation Works, 21/09/22 (and ER letter of endorsement, 28/09/22)</p> <p>SCAW Detailed Noise and Vibration Impact Statement, Material Delivery and Stockpiling, 23/02/23 and Letter HBI to Sydney Metro, 02/03/23 (ER endorsement of SCAW Material delivery and stockpiling DNVIS)</p> <p>SCAW Detailed Noise and Vibration Impact Statement, OOHV deliveries at Elizabeth Drive, 09/01/23 (and submission to ER 17/01/23) (and submission to ER 17/01/23)</p> <p>SCAW Detailed Noise and Vibration Impact Statement, Warragamba Pipeline Works, Luddenham Roundabout Works and Full Viaduct Alignment – Cosgrove’s Creek to Paton’s Lane, 26/07/23</p> <p>AEW FSM Detailed Noise and Vibration Impact Statement, 05/07/23 and Letter HBI to Sydney Metro, 25/05/23 (ER endorsement of AEW FSM DNVIS)</p> <p>FSM Noise and Vibration Monitoring Result Register current to 19/11/23</p>	<p>The SBT, SCAW, have not identified any properties at risk of exceeding the screening criteria for cosmetic damage for the current scope of works.</p> <p>The AEW FSM identifies the cosmetic damage screening criteria have the potential to be exceeded at the following St Marys Station structures:</p> <ul style="list-style-type: none"> • St Marys Commuter Car Park • Platforms 1/2 and 3/4 (Heritage listed - 1888 & 1942-3) • Platforms 3/4 building (Heritage Listed - 1888). <p>For the St Marys Station platform and building: Direct impacts on the platform are required to install the FSM foundations. No monitoring is required on this structure according to the approved AEW FSM CEMP. Monitoring is required on the platform building. Heritage advice has been sought and presented in Section 4.2.6 of the Heritage Procedure within the AEW FSM CEMP. Monitoring has been conducted and results have been satisfactory.</p>	C

E49	<p>Where sensitive land use(s) are identified in Appendix B as exceeding the highly noise affected criteria during typical case construction, mitigation measures must be implemented with the objective of reducing typical case construction noise below the highly noise affected criteria at each relevant sensitive land use(s). Activities that would exceed highly noise affected criteria during typical case construction must not commence until the measures identified in this condition have been implemented, unless otherwise agreed with the Planning Secretary.</p> <p>Note: Mitigation measures may include path barrier controls such as acoustic sheds and/or noise walls, at-property treatment, or a combination of path and at-property treatment.</p>	Applicable	Applicable	Applicable	<p>SBT Detailed Noise and SBT Detailed Noise and Vibration Impact Statement - Tunnelling, August 2023 (and submission to ER 20/07/23)</p> <p>SBT Detailed Noise and SBT Detailed Noise and Vibration Impact Statement - Orchard Hills Tunnel Support Worksite, July 2023 (and submission to ER 20/07/23)</p> <p>SBT Detailed Noise and Vibration Impact Statement - St Marys Station, February 2023</p> <p>SBT Detailed Noise and Vibration Impact Statement - Claremont Meadows Ventilation Facility, September 2023, including addendum 14/02/24 and ER endorsement 22/02/24</p> <p>SBT Detailed Noise and Vibration Impact Statement - Aerotropolis Core Station, April 2023</p> <p>SBT Detailed Noise and Vibration Impact Statement - Bringelly Services Facility, 19/02/24 (including ER endorsement).</p> <p>SBT Noise and Vibration Monitoring Report, May – October 23, 30/11/23</p> <p>SCAW Detailed Noise and Vibration Impact Statement, Survey and Utility Investigation Works, 21/09/22 (and ER letter of endorsement, 28/09/22)</p> <p>SCAW Detailed Noise and Vibration Impact Statement, Material Delivery and Stockpiling, 23/02/23 and Letter HBI to Sydney Metro, 02/03/23 (ER endorsement of SCAW Material delivery and stockpiling DNVIS)</p> <p>SCAW Detailed Noise and Vibration Impact Statement, OOHV deliveries at Elizabeth Drive, 09/01/23 (and submission to ER 17/01/23) (and submission to ER 17/01/23)</p> <p>SCAW Detailed Noise and Vibration Impact Statement, Warragamba Pipeline Works, Luddenham Roundabout Works and Full Viaduct Alignment – Cosgrove’s Creek to Paton’s Lane, 26/07/23</p> <p>SCAW Detailed Noise and Vibration Impact Statement, Lansdowne Road / Samuel Marsden Earthworks & Structure Works, 13/11/23 and ER Letter of endorsement 23/11/23.</p> <p>AEW FSM Detailed Noise and Vibration Impact Statement, 05/07/23 and Letter HBI to Sydney Metro, 25/05/23 (ER endorsement of AEW FSM DNVIS)</p>	<p>SBT DNVIS’s have not identified sensitive land use(s) in Appendix B as exceeding the highly noise affected criteria during typical case construction for the works conducted during the audit period <u>and</u> utilising the controls that have been adopted (noise walls, acoustic shed etc.).</p> <p>SCAW reviewed the scenarios whereby this could be triggered for its scope of works (the only area within their scope potentially triggering this is in Orchard Hills at 16-20 Lansdowne Road). A DNVIS was prepared and specific mitigation measures have been developed in consultation with the stakeholder (beyond the standard mitigations). A colorbond fence will be installed. The receiver has not requested any additional noise barrier or at-property treatment, despite being made aware that the colorbond fence would not provide attenuation recommended by the DNVIS. These works have yet to commence.</p> <p>According to the AEW FSM DNVIS, this requirement has not been triggered.</p>	NT
E50	<p>For all construction sites where acoustic sheds are installed, the sheds must be designed, constructed and operated to minimise noise emissions. This would include the following considerations:</p> <p>(a) all significant noise producing equipment that would be used during the night-time would be inside the sheds, where feasible and reasonable;</p> <p>(b) noise generating ventilation systems such as compressors, scrubbers, etc., would be located inside the sheds and external air intake/discharge ports would be appropriately acoustically treated; and</p> <p>(c) the doors of acoustic sheds would be kept closed during the night-time period. Where nighttime vehicle access is required at sites with nearby residences, the shed entrances would be designed and constructed to minimise noise breakout.</p>	Applicable	Not Applicable	Not Applicable	<p>Site inspection 06, 12, 13/02/24</p> <p>SBT Detailed Noise and Vibration Impact Statement - St Marys Station, February 2023</p> <p>SBT acoustic shed design documents (various)</p> <p>Acoustic shed monitoring results, 07/08/23</p> <p>Email Renzo Tonin to SBT, 18/08/23 (confirmation on acoustic shed performance)</p>	<p>1 x small acoustic shed had been established at St Marys for concrete pours into the shaft (as identified in the St Marys DNVIS). It appears as though the acoustic shed is using a lower specification corrugated iron than that stated in the DNVIS. That being said, acoustic monitoring was conducted and the acoustic consultant stated that the shed is performing better than expected. Therefore, the model is validated and no further action is required. There were no complaints received in relation to activities in or around the shed. The SBT works at St Marys were completed and handed over to SSTOM in October 23.</p>	C

E51	<p>Where Condition E49 determines that at-property treatment (temporary or permanent) is the appropriate measure to reduce noise impacts, this at-property treatment must be offered to landowners of residential properties for habitable living spaces, unless other mitigation or management measures are agreed to by the landowner.</p> <p>Landowners must be advised of the range of options that can be installed at or in their property and given a choice as to which of these they agree to have installed.</p> <p>A copy of all guidelines and procedures that will be used to determine at-property treatment at their residence must be provided to the landowner.</p>	Applicable	Applicable	Applicable	<p>SBT Detailed Noise and SBT Detailed Noise and Vibration Impact Statement - Tunnelling, August 2023 (and submission to ER 20/07/23)</p> <p>SBT Detailed Noise and SBT Detailed Noise and Vibration Impact Statement - Orchard Hills Tunnel Support Worksite, July 2023 (and submission to ER 20/07/23)</p> <p>SBT Detailed Noise and Vibration Impact Statement - St Marys Station, February 2023</p> <p>SBT Detailed Noise and Vibration Impact Statement - Claremont Meadows Ventilation Facility, September 2023, including addendum 14/02/24 and ER endorsement 22/02/24</p> <p>SBT Detailed Noise and Vibration Impact Statement - Aerotropolis Core Station, April 2023</p> <p>SBT Detailed Noise and Vibration Impact Statement - Bringelly Services Facility, 19/02/24 (including ER endorsement).</p> <p>SBT Noise and Vibration Monitoring Report, May – October 23, 30/11/23</p> <p>SCAW Detailed Noise and Vibration Impact Statement, Survey and Utility Investigation Works, 21/09/22 (and ER letter of endorsement, 28/09/22)</p> <p>SCAW Detailed Noise and Vibration Impact Statement, Material Delivery and Stockpiling, 23/02/23 and Letter HBI to Sydney Metro, 02/03/23 (ER endorsement of SCAW Material delivery and stockpiling DNVIS)</p> <p>SCAW Detailed Noise and Vibration Impact Statement, OOHV deliveries at Elizabeth Drive, 09/01/23 (and submission to ER 17/01/23) (and submission to ER 17/01/23)</p> <p>SCAW Detailed Noise and Vibration Impact Statement, Warragamba Pipeline Works, Luddenham Roundabout Works and Full Viaduct Alignment – Cosgrove’s Creek to Paton’s Lane, 26/07/23</p> <p>SCAW Detailed Noise and Vibration Impact Statement, Lansdowne Road / Samuel Marsden Earthworks & Structure Works, 13/11/23 and ER Letter of endorsement 23/11/23.</p> <p>AEW FSM Detailed Noise and Vibration Impact Statement, 05/07/23 and Letter HBI to Sydney Metro, 25/05/23 (ER endorsement of AEW FSM DNVIS)</p>	<p>SBT DNVIS’s have not identified sensitive land use(s) in Appendix B as exceeding the highly noise affected criteria during typical case construction for the works conducted during the audit period <u>and</u> utilising the controls that have been adopted (noise walls, acoustic shed etc.).</p> <p>SCAW reviewed the scenarios whereby E49 could be triggered for its scope of works (the only area within their scope potentially triggering this is in Orchard Hills at 16-20 Lansdowne Road). A DNVIS was prepared and specific mitigation measures have been developed in consultation with the stakeholder (beyond the standard mitigations). A colorbond fence will be installed. The receiver has not requested any additional noise barrier or at-property treatment, despite being made aware that the colorbond fence would not provide attenuation recommended by the DNVIS. These works have yet to commence.</p> <p>According to the AEW FSM DNVIS, this requirement has not been triggered.</p>	NT
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E52	<p>Any offer for at-property treatment or the application of other noise mitigation measures in accordance with Condition E51, does not expire until the noise impacts specified in Condition E49, affecting that property are completed, even if the landowner initially refuses the offer.</p> <p>Note: If an offer has been made but is not accepted, this does not preclude the commencement of construction under Condition E49.</p>	Applicable	Applicable	Applicable	<p>SBT Detailed Noise and SBT Detailed Noise and Vibration Impact Statement - Tunnelling, August 2023 (and submission to ER 20/07/23)</p> <p>SBT Detailed Noise and SBT Detailed Noise and Vibration Impact Statement - Orchard Hills Tunnel Support Worksite, July 2023 (and submission to ER 20/07/23)</p> <p>SBT Detailed Noise and Vibration Impact Statement - St Marys Station, February 2023</p> <p>SBT Detailed Noise and Vibration Impact Statement - Claremont Meadows Ventilation Facility, September 2023, including addendum 14/02/24 and ER endorsement 22/02/24</p> <p>SBT Detailed Noise and Vibration Impact Statement - Aerotropolis Core Station, April 2023</p> <p>SBT Detailed Noise and Vibration Impact Statement - Bringelly Services Facility, 19/02/24 (including ER endorsement).</p> <p>SBT Noise and Vibration Monitoring Report, May – October 23, 30/11/23</p> <p>SCAW Detailed Noise and Vibration Impact Statement, Survey and Utility Investigation Works, 21/09/22 (and ER letter of endorsement, 28/09/22)</p> <p>SCAW Detailed Noise and Vibration Impact Statement, Material Delivery and Stockpiling, 23/02/23 and Letter HBI to Sydney Metro, 02/03/23 (ER endorsement of SCAW Material delivery and stockpiling DNVIS)</p> <p>SCAW Detailed Noise and Vibration Impact Statement, OOHV deliveries at Elizabeth Drive, 09/01/23 (and submission to ER 17/01/23) (and submission to ER 17/01/23)</p> <p>SCAW Detailed Noise and Vibration Impact Statement, Warragamba Pipeline Works, Luddenham Roundabout Works and Full Viaduct Alignment – Cosgrove’s Creek to Paton’s Lane, 26/07/23</p> <p>SCAW Detailed Noise and Vibration Impact Statement, Lansdowne Road / Samuel Marsden Earthworks & Structure Works, 13/11/23 and ER Letter of endorsement 23/11/23.</p> <p>AEW FSM Detailed Noise and Vibration Impact Statement, 05/07/23 and Letter HBI to Sydney Metro, 25/05/23 (ER endorsement of AEW FSM DNVIS)</p>	<p>SBT DNVIS’s have not identified sensitive land use(s) in Appendix B as exceeding the highly noise affected criteria during typical case construction for the works conducted during the audit period <u>and</u> utilising the controls that have been adopted (noise walls, acoustic shed etc.).</p> <p>SCAW reviewed the scenarios whereby E49 could be triggered for its scope of works (the only area within their scope potentially triggering this is in Orchard Hills at 16-20 Lansdowne Road). A DNVIS was prepared and specific mitigation measures have been developed in consultation with the stakeholder (beyond the standard mitigations). A colorbond fence will be installed. The receiver has not requested any additional noise barrier or at-property treatment, despite being made aware that the colorbond fence would not provide attenuation recommended by the DNVIS. These works have yet to commence.</p> <p>According to the AEW FSM DNVIS, this requirement has not been triggered.</p>	NT
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E53	The implementation of at-property treatment does not preclude the application of other noise and vibration mitigation and management measures including temporary and long term accommodation.	Applicable	Applicable	Applicable	<p>SBT Detailed Noise and SBT Detailed Noise and Vibration Impact Statement - Tunnelling, August 2023 (and submission to ER 20/07/23)</p> <p>SBT Detailed Noise and SBT Detailed Noise and Vibration Impact Statement - Orchard Hills Tunnel Support Worksite, July 2023 (and submission to ER 20/07/23)</p> <p>SBT Detailed Noise and Vibration Impact Statement - St Marys Station, February 2023</p> <p>SBT Detailed Noise and Vibration Impact Statement - Claremont Meadows Ventilation Facility, September 2023, including addendum 14/02/24 and ER endorsement 22/02/24</p> <p>SBT Detailed Noise and Vibration Impact Statement - Aerotropolis Core Station, April 2023</p> <p>SBT Detailed Noise and Vibration Impact Statement - Bringelly Services Facility, 19/02/24 (including ER endorsement).</p> <p>SBT Noise and Vibration Monitoring Report, May – October 23, 30/11/23</p> <p>SCAW Detailed Noise and Vibration Impact Statement, Survey and Utility Investigation Works, 21/09/22 (and ER letter of endorsement, 28/09/22)</p> <p>SCAW Detailed Noise and Vibration Impact Statement, Material Delivery and Stockpiling, 23/02/23 and Letter HBI to Sydney Metro, 02/03/23 (ER endorsement of SCAW Material delivery and stockpiling DNVIS)</p> <p>SCAW Detailed Noise and Vibration Impact Statement, OOHV deliveries at Elizabeth Drive, 09/01/23 (and submission to ER 17/01/23) (and submission to ER 17/01/23)</p> <p>SCAW Detailed Noise and Vibration Impact Statement, Warragamba Pipeline Works, Luddenham Roundabout Works and Full Viaduct Alignment – Cosgrove’s Creek to Paton’s Lane, 26/07/23</p> <p>SCAW Detailed Noise and Vibration Impact Statement, Lansdowne Road / Samuel Marsden Earthworks & Structure Works, 13/11/23 and ER Letter of endorsement 23/11/23.</p> <p>AEW FSM Detailed Noise and Vibration Impact Statement, 05/07/23 and Letter HBI to Sydney Metro, 25/05/23 (ER endorsement of AEW FSM DNVIS)</p>	<p>SBT DNVIS’s have not identified sensitive land use(s) in Appendix B as exceeding the highly noise affected criteria during typical case construction for the works conducted during the audit period <u>and</u> utilising the controls that have been adopted (noise walls, acoustic shed etc.).</p> <p>SCAW reviewed the scenarios whereby E49 could be triggered for its scope of works (the only area within their scope potentially triggering this is in Orchard Hills at 16-20 Lansdowne Road). A DNVIS was prepared and specific mitigation measures have been developed in consultation with the stakeholder (beyond the standard mitigations). A colorbond fence will be installed. The receiver has not requested any additional noise barrier or at-property treatment, despite being made aware that the colorbond fence would not provide attenuation recommended by the DNVIS. These works have yet to commence.</p> <p>According to the AEW FSM DNVIS, this requirement has not been triggered.</p>	C
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E54	<p>Vibration testing must be conducted during vibration generating activities that have the potential to impact on Heritage items to verify minimum working distances to prevent cosmetic damage. In the event that the vibration testing and attended monitoring shows that the preferred values for vibration are likely to be exceeded, the Proponent must review the construction methodology and, if necessary, implement additional mitigation measures. Such measures must include, but not be limited to, review or modification of excavation techniques.</p>	Applicable	Applicable	Applicable	<p>Site inspection 06, 12, 13/02/24</p> <p>SBT Detailed Noise and Vibration Impact Statement - St Marys Station, February 2023</p> <p>Email chain, Transport to Sydney Metro, 02/03/21 – 31/05/21 (Transport Heritage Advisor advice on vibration impact on the Goods Shed)</p> <p>Email Chain AMBS and Sydney Metro, 27/01/23 – 03/02/23 (heritage advice on installation of 'crack meters' at the Goods Shed)</p> <p>WSA SBT Instrumentation and Monitoring Monthly Status Reports, Aug – Oct 23 (vibration monitoring at the Goods Shed)</p> <p>SCAW Warragamba Pipeline Vibration Assessment Report, Douglas Partners, 25/08/23</p> <p>SCAW Warragamba Vibration Monitoring Reports, Douglas Partners, 26/10/23 – 16/01/24 (vibration monitoring on Warragamba pipeline, results all satisfactory).</p> <p>AEW FSM Construction Environmental Management Plan, Laing O'Rourke, 15/05/23</p> <p>Letter HBI to Sydney Metro, 25/05/23 (ER endorsement of AEW FSM CEMP)</p> <p>AEW FSM Detailed Noise and Vibration Impact Statement, 05/07/23 and Letter HBI to Sydney Metro, 25/05/23 (ER endorsement of AEW FSM DNVIS)</p> <p>FSM Noise and Vibration Monitoring Result Register current to 19/11/23</p>	<p>It is understood based on the evidence sighted that the only heritage item in the safe working distance of SBT construction during the audit period is the Goods Shed at St Marys and the St Marys Station platform and building.</p> <p>For the Goods Shed Sydney Metro sought advice of Transport for NSW's Heritage Specialist on vibration impacts and monitoring. The Heritage Specialist confirmed that vibration monitoring installed was as per the <i>Sydney Trains Technical Note for the Installation of New Electrical and Data Services at Heritage Sites</i>. More recently, advice was sought from Sydney Metro on the installation of crack meters at the Goods Shed. On 02/02/23 the Heritage Specialist from AMBS confirmed the method to be adopted was acceptable.</p> <p>No vibration exceedances on the Goods Shed were recorded during the fifth audit period.</p> <p>For the Warragamba Pipeline (SCAW works), the Douglas Partners assessment report identified relevant criteria and recommendations around stasis drum rolling within safe working distances of the pipeline. Monitoring was conducted during the works, with the results being satisfactory.</p> <p>For the St Marys Station platform and building: Direct impacts on the platform are required to install the FSM foundations. No monitoring is required on this structure according to the approved AEW FSM CEMP. Monitoring is required on the platform building. Heritage advice has been sought and presented in Section 4.2.6 of the Heritage Procedure within the AEW FSM CEMP. Monitoring has been conducted and results have been satisfactory.</p>	C
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E55	<p>The Proponent must seek the advice of a heritage specialist on methods and locations for installing equipment used for vibration, movement and noise monitoring at Heritage items.</p>	Not Applicable	Applicable	Applicable	<p>Site inspection 06, 12, 13/02/24</p> <p>SBT Detailed Noise and Vibration Impact Statement - St Marys Station, February 2023</p> <p>Email chain, Transport to Sydney Metro, 02/03/21 – 31/05/21 (Transport Heritage Advisor advice on vibration impact on the Goods Shed)</p> <p>Email Chain AMBS and Sydney Metro, 27/01/23 – 03/02/23 (heritage advice on installation of 'crack meters' at the Goods Shed)</p> <p>WSA SBT Instrumentation and Monitoring Monthly Status Reports, Aug – Oct 23 (vibration monitoring at the Goods Shed)</p> <p>SCAW Warragamba Pipeline Vibration Assessment Report, Douglas Partners, 25/08/23</p> <p>SCAW Warragamba Vibration Monitoring Reports, Douglas Partners, 26/10/23 – 16/01/24 (vibration monitoring on Warragamba pipeline, results all satisfactory).</p> <p>Memo, AMBS to SCAW, 26/07/23 (advice on installation of vibration monitors on heritage items, including Warragamba pipeline)</p> <p>AEW FSM Construction Environmental Management Plan, Laing Orouke, 15/05/23</p> <p>Letter HBI to Sydney Metro, 25/05/23 (ER endorsement of AEW FSM CEMP)</p> <p>AEW FSM Detailed Noise and Vibration Impact Statement, 05/07/23 and Letter HBI to Sydney Metro, 25/05/23 (ER endorsement of AEW FSM DNVIS)</p> <p>FSM Noise and Vibration Monitoring Result Register current to 19/11/23</p>	<p>It is understood based on the evidence sighted that the only heritage item in the safe working distance of SBT construction during the audit period is the Goods Shed at St Marys and the St Marys Station platform and building.</p> <p>For the Goods Shed Sydney Metro sought advice of Transport for NSWs Heritage Specialist on vibration impacts and monitoring. The Heritage Specialist confirmed that vibration monitoring installed was as per the <i>Sydney Trains Technical Note for the Installation of New Electrical and Data Services at Heritage Sites</i>. More recently, advice was sought from Sydney Metro on the installation of crack meters at the Goods Shed. On 02/02/23 the Heritage Specialist from AMBS confirmed the method to be adopted was acceptable.</p> <p>No vibration exceedances on the Goods Shed were recorded during the fifth audit period.</p> <p>For the Warragamba Pipeline (SCAW works), heritage specialist advice was sought regarding the monitoring. The advice was to ensure the monitors are fixed in a way that does not damage the item. The Douglas Partners assessment report identified the method of fixing (taping) which is consistent with the heritage advisor's advice. The Assessment Report also identified relevant criteria and recommendations around static drum rolling within safe working distances of the pipeline. Monitoring was conducted during the works, with the results being satisfactory.</p> <p>For the St Marys Station platform and building: Direct impacts on the platform are required to install the FSM foundations. No monitoring is required on this structure according to the approved AEW FSM CEMP. Monitoring is required on the platform building. Heritage advice has been sought and presented in Section 4.2.6 of the Heritage Procedure within the AEW FSM CEMP. Monitoring has been conducted and results have been satisfactory.</p>	C
E56	<p>All work undertaken for the delivery of the CSSI, including those undertaken by third parties (such as utility relocations), must be coordinated to ensure respite periods are provided. The Proponent must:</p> <p>(a) reschedule any work to provide respite to impacted noise sensitive land use(s) so that the respite is achieved in accordance with Condition E57; or</p> <p>(b) consider the provision of alternative respite or mitigation to impacted noise sensitive land use(s); and</p> <p>(c) provide documentary evidence to the ER in support of any decision made by the Proponent in relation to respite or mitigation</p> <p>The consideration of respite must also include all other approved Critical SSI, SSI and SSD projects which may cause cumulative and / or consecutive impacts at receivers affected by the delivery of the CSSI.</p>	Not Applicable	Applicable	Applicable	<p>CICG Meeting Minutes and Presentations, Sep 23 – Feb 24</p> <p>Sydney Metro Monthly Cumulative Impacts Monthly Meeting, 19/10/23, 16/11/23, 18/10/24, 15/02/24</p> <p>ER Monthly Reports August 23 - January 24</p> <p>Complaints register current to 29/02/24</p>	<p>Sydney Metro holds a monthly cumulative impacts contractor meeting held with metro and contractors. This ensures coordination and respite NOTE: This does not include third parties (e.g.: John Holland / Sydney Water, WSA, M12).</p> <p>Sydney Metro holds fortnightly meetings with its major contractors and the ERs to discuss a variety of environmental issues, including potential for cumulative impacts.</p> <p>Communications Interface Coordination Groups (CICG) meet monthly to discuss upcoming works and potential for cumulative impacts. Where upcoming works are likely to overlap, this triggers the need for further discussion and review of potential scheduling and impact. The CICG is undergoing an update to allow all Metro WSA OOHW plus those from WSACo, M12 and Sydney Water etc. This is a positive development with respect to managing cumulative impacts across the alignment.</p>	C

<p>E57</p>	<p>In order to undertake out-of-hours work outside the work hours specified under Condition E38, appropriate respite periods for the out-of-hours work must be identified in consultation with the community at each affected location on a regular basis. This consultation must include (but not be limited to) providing the community with:</p> <p>(a) a progressive schedule for periods no less than three (3) months, of likely out-of-hours work;</p> <p>(b) a description of the potential work, location and duration of the out-of-hours work;</p> <p>(c) the noise characteristics and likely noise levels of the work; and</p> <p>(d) likely mitigation and management measures which aim to achieve the relevant NMLs under Condition E43 (including the circumstances of when respite or relocation offers will be available and details about how the affected community can access these offers).</p> <p>The outcomes of the community consultation, the identified respite periods and the scheduling of the likely out-of-hour work must be provided to the ER, EPA and the Planning Secretary prior to the out-of-hours work commencing.</p> <p>Note: Respite periods can be any combination of days or hours where out-of-hours work would not be more than 5 dB(A) above the RBL at any residence.</p>	<p>Not Applicable</p>	<p>Applicable</p>	<p>Applicable</p>	<p>https://www.sydneymetro.info/station/st-marys-metro-station</p> <p>https://www.sydneymetro.info/station/claremont-meadows-intermediate-services-facility</p> <p>https://www.sydneymetro.info/station/orchard-hills-station</p> <p>https://www.sydneymetro.info/station/orchard-hills-stabling-and-maintenance-facility</p> <p>https://www.sydneymetro.info/station/luddenham-station</p> <p>https://www.sydneymetro.info/station/bringelly-services-facility</p> <p>https://www.sydneymetro.info/station/aerotropolis-station</p> <p>Letter Sydney Metro to DPHI, 25/04/23 (Sydney Metro written advice on process to be adopted for OOHW under community agreement)</p> <p>SBT Kent Road OOHW Consultation Report, 17/11/23 and SBT Kent Road OOHW Form 0030, 15/11/23</p> <p>DPHI post approval portal lodgment of SBT Kent Road OOHW and OOHW Form, 20/11/23 (including submission to the ER).</p> <p>Letter DPHI to Sydney Metro, 24/11/23 (acknowledgement of OOHW Notification dated 15/11/23, submitted 20/11/23).</p> <p>SBT community agreement reports: SBT0091 STM Community Agreement EPL Report combined with appendices; Community Agreement - St Marys - Re-engagement Report; Community Agreement - St Marys - Re-engagement Report June 2023 Rev A and submission to EPA 20/04/23 and 15/08/23</p> <p>SBT Community agreement reports: SBT0101 AERO Community Agreement EPL Report Community Agreement - St Marys - Re-engagement Report; SMWSASBT-CPG-AEC-SN450-CY-RPT-29906; and submission to EPA 30/05/23 and 02/08/23</p> <p>SCAW E57 reports: https://www.cpbcon.com.au/our-projects/2022/sydney-metro-western-sydney-airport-surface-and-civil-alignment-works</p> <p>SCAW E57 Report, Elizabeth Drive drainage, RevA (submitted 24/10/23, including to the ER and EPA submission on 16/11/23)</p> <p>Letter DPHI to Sydney Metro, 20/11/23 (acceptance of SCAW E57 Report, Elizabeth Drive drainage)</p> <p>SCAW E57 Report, Luddenham Road round about (submitted 25/10/23, including to the ER and EPA submission on 23/10/23)</p> <p>Letter DPHI to Sydney Metro, 20/11/23 (acceptance of SCAW E57 Report, Luddenham Road roundabout)</p> <p>SCAW E57 Report, Luddenham Road viaduct (submitted 03/11/23 including to the ER and EPA submission on 03/11/23)</p> <p>Letter DPHI to Sydney Metro, 15/11/23 (acceptance of SCAW E57 Report, Luddenham Road viaduct)</p> <p>SCAW E57 Report, Luddenham South Haulage (submitted 10/10/23 including to the ER and EPA submission on 11/10/23)</p> <p>FSM E57 report, 13/11/23, plus distribution to EPA, DPHI, ER</p>	<p>Refer to the third Independent Audit Report regarding Sydney Metro's interpretation of this requirement.</p> <p>The monthly updates are issued to potentially affected receivers and the consultation includes the information required by this condition.</p> <p>SBT triggered this requirement during the audit period, for Kent Road OOHW. Consultation and offers of respite was completed. The information was submitted to the ER and Department. The Department acknowledged receipt and did not direct Sydney Metro/ SBT for any further actions.</p> <p>The OOHW subject to community agreement under the SBT EPLs were issued to the EPA prior to the current audit period (but the works extended into the current audit period). The SBT community consultation report was issued to the Department for information (not under E57). This also advised Sydney Metro's proposed approach to not submit the information to the Department whereby a community agreement has allowed works to proceed under the EPL. The Auditor is not aware of a response having been provided by the Department in relation to this matter.</p> <p>The OOHW subject to community agreement under the SBT and SCAW EPLs were issued to the EPA. The SBT community consultation report was issued to the Department and ER for information (not under E57). This also advised Sydney Metro's proposed approach to not submit the information to the Department whereby a community agreement has allowed works to proceed under the EPL. The Auditor is not aware of a response having been provided by the Department in relation to this matter. SCAW E57 reports were submitted to the Department, EPA and ER.</p> <p>AEW FSM prepared an E57 report and this was submitted to the EPA and Department.</p>	<p>C</p>
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E58	<p>The Proponent must prepare an Operational Noise and Vibration Review (ONVR) to confirm noise and vibration mitigation measures that would be implemented for the Operation of the CSSI for the ultimate service. The ONVR must be prepared as part of the iterative design development and in consultation with the EPA, relevant council(s), other relevant stakeholders and must:</p> <p>(a) identify appropriate Operational noise and vibration objectives and levels for surrounding development, including existing and potential future (as known at the time of ONVR preparation) sensitive land use(s);</p> <p>(b) confirm the operational noise and vibration predictions based on the expected final design. Confirmation must be based on an appropriately calibrated noise model;</p> <p>(c) identify sensitive landuses that are predicted to exceed:</p> <ul style="list-style-type: none"> (i) noise criteria set out in the Rail Infrastructure Noise Guideline (EPA, 2013), Noise Policy for Industry (EPA, 2017); and (ii) vibration goals for human exposure for existing sensitive land use(s), as presented in Assessing Vibration: a Technical Guideline (DECC, 2006); <p>(d) identify all noise and vibration mitigation measures including location, type and timing of mitigation measures, with a focus on:</p> <ul style="list-style-type: none"> (i) source control and design; (ii) at the receiver (if relevant); and (iii) 'best practice' achievable noise and vibration outcome for each activity; <p>(e) describe how the final suite of mitigation measures will achieve:</p> <ul style="list-style-type: none"> (i) the noise criteria outlined in the Rail Infrastructure Noise Guideline (EPA, 2013) and Noise Policy for Industry (EPA, 2017); and (ii) vibration goals for human exposure for existing sensitive land use(s), as presented in Assessing Vibration: a Technical Guideline (DECC, 2006); <p>(f) include a consultation strategy to seek feedback from directly affected landowners on the noise and vibration mitigation measures being offered;</p> <p>(g) include procedures for operational noise and vibration complaints management, including investigation and monitoring (subject to complainant agreement).</p> <p>The ONVR must be verified by an independent acoustic expert and submitted to the Planning Secretary for approval before the implementation of any operational noise mitigation measures.</p> <p>The Proponent must implement the identified noise and vibration control measures and make the ONVR publicly available.</p> <p>Note: The design of noise barriers and the like must be undertaken in consultation with the relevant stakeholders, including affected landowners and businesses (or a representative of a business), Western Parklands City Authority and relevant council(s) as part of the Place, Urban Design and Corridor Landscape Plan required under Condition E79.</p>	Applicable	Not Applicable	Applicable	Site inspection 06, 12, 13/02/24	The Project is in construction, no operational noise mitigation has been installed during the audit period.	NT
E59	<p>Operational noise mitigation measures as identified in Condition E58 that will not be physically affected by work, must be implemented within six months of submitting the ONVR, unless otherwise agreed by the Planning Secretary. Where implementation of operational noise mitigation measures are not proposed to be implemented in accordance with this requirement, the Proponent must submit to the Planning Secretary a report providing justification as to why, along with details of temporary measures that would be implemented to reduce construction noise impacts, until such time that the operational noise mitigation measures are implemented.</p> <p>The report must be submitted to the Planning Secretary within six months of submitting the ONVR.</p> <p>Note: Not having finalised detailed design is not sufficient justification for not implementing the proposed mitigation measures.</p>	Applicable	Not Applicable	Applicable	Site inspection 06, 12, 13/02/24	The Project is in construction, no operational noise mitigation has been installed during the audit period.	NT

E60	<p>Within 12 months of the commencement of operation of the CSSI, the Proponent must undertake monitoring of operational noise to compare actual noise performance of the CSSI against the noise performance predicted in the review of noise mitigation measures required by Condition E58. An Operational Noise and Vibration Compliance Report (ONVCR) must be prepared to document this monitoring and include, but not necessarily be limited to:</p> <p>(a) noise and vibration monitoring to assess compliance with the operational noise levels predicted in the review of operational noise mitigation measures required under Condition E58;</p> <p>(b) methodology, location and frequency of noise and vibration monitoring undertaken, including monitoring sites at which CSSI noise and vibration levels are ascertained, with specific reference to locations indicative of impacts on receivers;</p> <p>(c) a review of the performance of the CSSI against the:</p> <p>(i) operational noise levels in terms of criteria and noise goals established in the NSW Rail Infrastructure Noise Guideline (EPA 2013) and Noise Policy for Industry (EPA, 2017);</p> <p>(ii) vibration goals for human exposure for existing sensitive land use(s), as presented in Assessing Vibration: a Technical Guideline (DECC, 2006);</p> <p>(d) details of any complaints and enquiries received in relation to Operational noise and vibration generated by the CSSI (between the date of commencement of Operation and the date the report was prepared);</p> <p>(e) an assessment of the performance and effectiveness of applied noise and vibration mitigation measures together with a review and if necessary, reassessment of mitigation measures;</p> <p>(f) identification of:</p> <p>(i) additional measures to meet the criteria outlined in the NSW Rail Infrastructure Noise Guideline (EPA 2013) and Noise Policy for Industry (EPA, 2017),</p> <p>(ii) additional measures to meet the vibration goals for human exposure for existing sensitive land, as presented in Assessing Vibration: a Technical Guideline (DECC, 2006);</p> <p>(iii) when these measures are to be implemented; and</p> <p>(iv) how their effectiveness is to be measured and reported to the Planning Secretary and the EPA.</p> <p>The ONVCR must be submitted to the Planning Secretary and the EPA within 60 days of completing the Operational noise and vibration monitoring and made publicly available.</p> <p>Note: Refer to Condition B5 about how personal information will be handled.</p>	Applicable	Not Applicable	Applicable	Site inspection 06, 12, 13/02/24	The Project is in construction.	NT
Place, Urban Design, and Visual Amenity							
E61	Wayfinding information must be incorporated on temporary hoardings to guide pedestrians around the St Marys construction site and enhance their understanding and experience of the locality and space	Applicable	Not Applicable	Applicable	Site inspection 06, 12, 13/02/24 Complaints register current to 29/02/24	Signs were observed during the site inspection at St Marys on the fourth audit. The St Marys site was handed over to SSTOM in October 23 and this fifth audit does not include SSTOM (covered by a separate audit and audit report). According to complaints register there does not appear to be any issues with access whilst SBT managed St Marys.	C
E62	The CSSI must be constructed in a manner that minimises visual impacts of construction sites including temporary landscaping and vegetative screening, minimising light spill, and incorporating architectural treatment and finishes within key elements of temporary structures that reflect the context within which the construction sites are located, wherever practicable.	Applicable	Applicable	Applicable	Site inspection 06/02/24 and 13/02/24 Independent Audit No 3, WolfPeak, 23/03/23 Complaints register current to 29/02/24	Refer to the finding from the third Independent Audit with respect to details on the extent of application of mitigation measures at construction compounds. The Auditor is of the view that compliance has been achieved, observing however that some mitigations have been deemed not practicable. No complaints regarding light spill or amenity during the audit period.	C

E63	<p>The CSSI must be designed with consideration of:</p> <ul style="list-style-type: none"> (a) the design objectives, principles and guidelines identified in documents listed in Condition A1; (b) the principles and objectives of the draft Connecting with Country Framework; (c) relevant land use changes, masterplans and initiatives, where this information is known and/or available; (d) existing and proposed future local context and character; and (e) transport and land use integration and system functionality in the context of precincts, to the extent it is known and/or defined. <p>Responses to items (a) – (e) must be reviewed by the Design Review Panel (DRP) to inform the design of permanent built works and landscape design of the CSSI. The outcome of the DRP review must be provided to the Planning Secretary prior to the submission of the Place, Urban Design and Corridor Landscape Plan (PUDCLP).</p> <p>Note: In accordance with Condition A10 and Condition A16, the requirements of this condition can be staged.</p>	Applicable	Applicable	Applicable	<p>SBT interview 07-08/02/24</p> <p>Letter DPHI to Metro, 14/12/22 (acknowledgement of submission of Design Review Panel Process).</p> <p>SCAW Submission of Design Review Panel, CPBUI (issued to Metro 01/12/22, as per teambinder corro)</p> <p>SCAW PUDCLP, December 2022</p> <p>SCAW PUDCLP portal submission record, 19/12/22</p> <p>Letter Govt Architect E63, 30/11/22</p> <p>Letter DPHI to Sydney Metro, 30/01/23 (DPHI RFI on PUDCLP)</p> <p>Letter CPBUI to DPHI, 06/03/23 (CPBUI response to DPHI RFI re Council consultation)</p> <p>DPHI portal RFI, PA166 (Additional RFI from DPHI re Council consultation)</p> <p>Letter Sydney Metro to DPHI, 18/04/23 (Sydney Metro response to additional RFI re Council consultation)</p> <p>Letter DPHI to Sydney Metro, 10/05/23 (acceptance of response to additional RFI re Council consultation)</p> <p>FSM DRP Architecture Design Presentation, 10/08/23, 09/10/23, 16/11/23, 14/12/23, 15/02/24 and 20/04/23 (first design presentation with design schedule).</p> <p>GANSW Letter of advice, 26/02/24, 09/10/23, 28/08/23, 16/11/23, 20/12/23</p>	<p>SBT does not construct any elements that trigger this condition.</p> <p>SCAW prepared a document demonstrating that the design was assessed against the requirements of this condition, and that it was provided to the Design Review Panel (DRP) for review. The DRP provided a range of recommendations and for each SCAW and Sydney Metro provided a response. Whilst most of the recommendations were addressed, there are a range of recommendations that weren't adopted. The lack of uptake of some recommendations were supported by a justification (e.g.: due to the recommendation being not applicable to the SCAW scope of works or that the recommendation would be addressed in subsequent design developments). However, there are other recommendations that were not adopted and did not have an associated justification. The Auditor observes that there is no requirement to adopt all the recommendations from the DRP, and that Government Architect (representing the DRP) noted that not all recommendations were adopted by SCAW and Sydney Metro in its final response. The outcome of the DRP review was submitted to the Department (prior to submission of the PUDCLP) and to the Auditor's knowledge the Department did not take issue with the matter (refer E77).</p> <p>The FSM initial design presentation from April 2023 includes preliminary design and a schedule. The DRP has received regular updates to design throughout he DRP presentations. The DRP has provided feedback, requesting that certain elements of the design be refined. FSM continues to update design in response to the DRP feedback.</p>	C
E64	<p>The CSSI must be constructed and operated with the objective of minimising light spill to surrounding properties. All lighting associated with the CSSI must be consistent with the requirements of:</p> <ul style="list-style-type: none"> (a) ASINZS 4282:2019 Control of the obtrusive effects of outdoor lighting, relevant Australian Standards in the series ASINZS 1158 - Lighting for Roads and Public Spaces; (b) NASF Guideline E: Managing the Risk of Distractions to Pilots from Lighting in the Vicinity of Airports; and (c) NASF Guideline C: Managing the risk of wildlife strikes in the vicinity of airports. <p>Mitigation measures must be provided to manage residual night lighting impacts to protect properties adjoining or adjacent to the CSSI, in consultation with affected landowners.</p>	Applicable	Applicable	Applicable	<p>Complaints register current to 29/02/24</p> <p>SBT Construction Environmental Management Plan, 29/09/22 (SBT CEMP)</p> <p>SCAW Visual Amenity Management Plan (VAMP), 19/10/22</p> <p>AEW FSM Construction Environmental Management Plan, Laing Orouke, 15/05/23</p>	<p>The SBT CEMP, SCAW VAMP, AEW FSM CEMP recognizes this requirement.</p> <p>The auditees are not aware of any fixed tower lighting on their compounds. Mobile lighting is used for OOHW. Lighting on sheds is either directed to the site, shielded by hoarding or turned off at night.</p> <p>No complaints regarding light spill or amenity during the audit period.</p>	C
E65	<p>Designs must have regard to the Movement and Place Framework relevant guidance including the Walking Space Guide: Towards Pedestrian Comfort and Safety (TfNSW, 2020) and the Cycleway Design Toolbox: Designing for Cycling and Micromobility (TfNSW, 2020)</p>	Applicable	Applicable	Applicable	<p>Staging Report, Sydney Metro, Rev 9.0, 05/05/23</p> <p>Letter DPHI to Sydney Metro, 26/05/23 (DPHI acknowledgement of Rev 9 of Staging Report)</p>	<p>This requirement is not triggered by AEW, SBT or SCAW.</p>	NT
E66	<p>Active transport facilities must be designed, constructed and/or rectified in accordance with the Guide to Road Design Part 6A: Paths for Walking and Cycling (Austroads, 2017) and relevant Australian Standards (AS) such as AS 1428.1-2009 Design for access and mobility. The active transport links must also incorporate relevant Crime Prevention Through Environmental Design principles.</p>	Applicable	Applicable	Applicable	<p>Staging Report, Sydney Metro, Rev 9.0, 05/05/23</p> <p>Letter DPHI to Sydney Metro, 26/05/23 (DPHI acknowledgement of Rev 9 of Staging Report)</p>	<p>This requirement is not triggered by AEW, SBT or SCAW.</p>	NT

E67	<p>The Proponent must establish an independent DRP to provide advice and recommendations to the Proponent during the CSSI's design development and construction to facilitate quality design and place outcomes. The DRP must be formed and hold its first meeting within six months of the date of this approval, or as otherwise agreed with the Planning Secretary.</p> <p>Note: Nothing in this approval prevents the use of an existing design panel as the Design Review Panel convened for this project where the function and composition of that panel complies with the terms of this approval.</p>	Applicable	Applicable	Applicable	<p>Staging Report, Sydney Metro, Rev 9.0, 05/05/23</p> <p>Letter DPHI to Sydney Metro, 26/05/23 (DPHI acknowledgement of Rev 9 of Staging Report)</p> <p>DRP was established 07/03/2022</p> <p>Letter DPHI to Sydney Metro, 13/01/22 (approval of extension to timeframe to establish Design Review Panel under E36) up to 23/03/22</p> <p>Record of Advice meeting on 07/03/2022 included the introductory meeting and setting up the agenda 09/03/2022</p> <p>Government Architects New South Wales Terms of Reference for the SM Design Review Pane; for WSA and West Line 9/03/22</p> <p>SCAW Submission of Design Review Panel, CPBUI (issued to Metro 01/12/22, as per teambinder corro) and Government Architect letters of advice.</p> <p>FSM DRP Architecture Design Presentation, 10/08/23, 09/10/23, 16/11/23, 14/12/23, 15/02/24 and 20/04/23 (first design presentation with design schedule).</p> <p>GANSW Letter of advice, 26/02/24, 09/10/23, 28/08/23, 16/11/23, 20/12/23</p>	<p>SBT does not construct any elements that trigger this condition.</p> <p>The DRP was established prior to the current audit period. The terms of reference remain unchanged. Evidence of engagement on the SCAW PUDCLP and AEW FSM design and DRP Meeting Record of Advice demonstrate provision of advice. SCAW design is essentially complete. FSM attended the DRP on a monthly basis during the audit period. Design refinement is ongoing in response to feedback from the DRP.</p>	C
E68	<p>The responsibilities of the Design Review Panel include:</p> <p>(a) providing advice and recommendations to the Proponent for consideration in the design development of the CSSI</p> <p>(b) provide advice on the application of Sydney Metro – Western Sydney Airport Submissions Report – Appendix D Design Guidelines to key design elements in relation to place making, architecture, heritage, urban and landscape design and artistic aspects of the CSSI; and</p> <p>(c) reviewing and endorsing any updates to the Sydney Metro – Western Sydney Airport Submissions Report – Appendix D Design Guidelines.</p> <p>The Panel's advice must be consistent with the CSSI as approved.</p>	Applicable	Applicable	Applicable	<p>Staging Report, Sydney Metro, Rev 9.0, 05/05/23</p> <p>Letter DPHI to Sydney Metro, 26/05/23 (DPHI acknowledgement of Rev 9 of Staging Report)</p> <p>DRP was established 07/03/2022</p> <p>Letter DPHI to Sydney Metro, 13/01/22 (approval of extension to timeframe to establish Design Review Panel under E36) up to 23/03/22</p> <p>Record of Advice meeting on 07/03/2022 included the introductory meeting and setting up the agenda 09/03/2022</p> <p>Government Architects New South Wales Terms of Reference for the SM Design Review Pane; for WSA and West Line 9/03/22</p> <p>SCAW Submission of Design Review Panel, CPBUI (issued to Metro 01/12/22, as per teambinder corro) and Government Architect letters of advice.</p> <p>Government Letters of Advice, following DRP Meetings 08/09/22, 20/09/22</p> <p>FSM DRP Architecture Design Presentation, 10/08/23, 09/10/23, 16/11/23, 14/12/23, 15/02/24 and 20/04/23 (first design presentation with design schedule).</p> <p>GANSW Letter of advice, 26/02/24, 09/10/23, 28/08/23, 16/11/23, 20/12/23</p>	<p>SBT does not construct any elements that trigger this condition.</p> <p>The DRP was established prior to the current audit period. The terms of reference remain unchanged. Evidence of engagement on the SCAW PUDCLP and AEW FSM design and DRP Meeting Record of Advice demonstrate provision of advice. SCAW design is essentially complete. FSM attended the DRP on a monthly basis during the audit period. Design refinement is ongoing in response to feedback from the DRP.</p>	C

E69	<p>The DRP must be chaired by the NSW Government Architect (or their nominee), and must be comprised of, where relevant, by suitably qualified, experienced and independent professional(s) in each of the fields of:</p> <p>(a) urban design and place making;</p> <p>(b) landscape architecture; and</p> <p>(c) architecture.</p> <p>The Panel may seek advice from suitably qualified, experienced independent professionals in other fields as required, including but not limited to sustainability, active transport and non-Aboriginal heritage. The Panel must also seek appropriate expertise to ensure Aboriginal cultural heritage and cultural values inform its advice.</p>	Applicable	Applicable	Applicable	<p>Staging Report, Sydney Metro, Rev 9.0, 05/05/23</p> <p>Letter DPHI to Sydney Metro, 26/05/23 (DPHI acknowledgement of Rev 9 of Staging Report)</p> <p>DRP was established 07/03/2022</p> <p>Letter DPHI to Sydney Metro, 13/01/22 (approval of extension to timeframe to establish Design Review Panel under E36) up to 23/03/22</p> <p>Record of Advice meeting on 07/03/2022 included the introductory meeting and setting up the agenda 09/03/2022</p> <p>Government Architects New South Wales Terms of Reference for the SM Design Review Pane; for WSA and West Line 9/03/22</p> <p>SCAW Submission of Design Review Panel, CPBUI (issued to Metro 01/12/22, as per teambinder corro) and Government Architect letters of advice.</p> <p>Government Letters of Advice, following DRP Meetings 08/09/22, 20/09/22</p> <p>FSM DRP Architecture Design Presentation, 10/08/23, 09/10/23, 16/11/23, 14/12/23, 15/02/24 and 20/04/23 (first design presentation with design schedule).</p> <p>GANSW Letter of advice, 26/02/24, 09/10/23, 28/08/23, 16/11/23, 20/12/23</p>	<p>SBT does not construct any elements that trigger this condition.</p> <p>The DRP was established prior to the current audit period. The terms of reference remain unchanged. Evidence of engagement on the SCAW PUDCLP and AEW FSM design and DRP Meeting Record of Advice demonstrate provision of advice. SCAW design is essentially complete. FSM attended the DRP on a monthly basis during the audit period. Design refinement is ongoing in response to feedback from the DRP.</p>	C
E70	<p>Panel members must be sourced from the NSW State Design Review Panel Pool or otherwise be approved by the NSW Government Architect.</p>	Applicable	Applicable	Applicable	<p>Letter DPHI to Sydney Metro, 13/01/22 (approval of extension to timeframe to establish Design Review Panel under E36) up to 23/03/22</p> <p>Record of Advice meeting on 07/03/2022 included the introductory meeting and setting up the agenda 09/03/2022</p> <p>Government Architects New South Wales Terms of Reference for the SM Design Review Pane; for WSA and West Line 9/03/22</p> <p>SCAW Submission of Design Review Panel, CPBUI (issued to Metro 01/12/22, as per teambinder corro) and Government Architect letters of advice.</p> <p>Government Letters of Advice, following DRP Meetings 08/09/22, 20/09/22</p> <p>FSM DRP Architecture Design Presentation, 10/08/23, 09/10/23, 16/11/23, 14/12/23, 15/02/24 and 20/04/23 (first design presentation with design schedule).</p> <p>GANSW Letter of advice, 26/02/24, 09/10/23, 28/08/23, 16/11/23, 20/12/23</p>	<p>To the auditees' knowledge the DRP members remain unchanged from that initially established. SBT does not construct any elements that trigger this condition.</p> <p>The DRP was established prior to the current audit period. The terms of reference remain unchanged. Evidence of engagement on the SCAW PUDCLP and AEW FSM design and DRP Meeting Record of Advice demonstrate provision of advice. SCAW design is essentially complete. FSM attended the DRP on a monthly basis during the audit period. Design refinement is ongoing in response to feedback from the DRP.</p>	C

E71	<p>Prior to forming the DRP, a Design Review Panel Terms of Reference is to be developed and endorsed by the NSW Government Architect. The Terms of Reference must be submitted to the Planning Secretary once it is endorsed by the NSW Government Architect and:</p> <p>(a) must be generally consistent with the NSW State Design Review Panel Terms of Reference (version 5);</p> <p>(b) outline the frequency of DRP meetings, coordinated with the Proponent's program requirements, as outlined in Condition E76, to ensure timely advice and design adjustment; and</p> <p>(c) identify cessation arrangements.</p>	Applicable	Applicable	Applicable	<p>Letter DPHI to Sydney Metro, 13/01/22 (approval of extension to timeframe to establish Design Review Panel under E36) up to 23/03/22</p> <p>Record of Advice meeting on 07/03/2022 included the introductory meeting and setting up the agenda 09/03/2022</p> <p>Government Architects New South Wales Terms of Reference for the SM Design Review Panel; for WSA and West Line 9/03/22</p> <p>Letter DPHI to Sydney Metro, 24/03/22 (acknowledgment of submission of DRP Terms of Reference)</p> <p>SCAW Submission of Design Review Panel, CPBUI (issued to Metro 01/12/22, as per teambinder corro) and Government Architect letters of advice.</p> <p>Government Letters of Advice, following DRP Meetings 08/09/22, 20/09/22</p> <p>FSM DRP Architecture Design Presentation, 10/08/23, 09/10/23, 16/11/23, 14/12/23, 15/02/24 and 20/04/23 (first design presentation with design schedule).</p> <p>GANSW Letter of advice, 26/02/24, 09/10/23, 28/08/23, 16/11/23, 20/12/23</p>	<p>The DRP was established prior to the current audit period. The terms of reference remain unchanged.</p>	C
E72	<p>The DRP must be operated and managed in accordance with the Design Review Panel Terms of Reference.</p>	Applicable	Applicable	Applicable	<p>Letter DPHI to Sydney Metro, 13/01/22 (approval of extension to timeframe to establish Design Review Panel under E36) up to 23/03/22</p> <p>Record of Advice meeting on 07/03/2022 included the introductory meeting and setting up the agenda 09/03/2022</p> <p>Government Architects New South Wales Terms of Reference for the SM Design Review Pane; for WSA and West Line 9/03/22</p> <p>SCAW Submission of Design Review Panel, CPBUI (issued to Metro 01/12/22, as per teambinder corro) and Government Architect letters of advice.</p> <p>Government Letters of Advice, following DRP Meetings 08/09/22, 20/09/22</p> <p>FSM DRP Architecture Design Presentation, 10/08/23, 09/10/23, 16/11/23, 14/12/23, 15/02/24 and 20/04/23 (first design presentation with design schedule).</p> <p>GANSW Letter of advice, 26/02/24, 09/10/23, 28/08/23, 16/11/23, 20/12/23</p>	<p>The DRP was established prior to the current audit period. The terms of reference remain unchanged. Evidence of engagement on the SCAW PUDCLP and AEW FSM design and DRP Meeting Record of Advice demonstrate provision of advice. SCAW design is essentially complete. FSM attended the DRP on a monthly basis during the audit period. Design refinement is ongoing in response to feedback from the DRP.</p>	C
E73	<p>The NSW Government Architect must, after consultation with the Proponent, appoint an appropriately qualified and experienced design advisor to the DRP and may appoint an alternate design advisor. The advisor must attend meetings of the Panel. The advisor may also be invited by the Panel to assist with decisions regarding the Panel's recommendations and record the Panel's advice and recommendations</p>	Not Applicable	Applicable	Applicable	<p>Letter DPHI to Sydney Metro, 13/01/22 (approval of extension to timeframe to establish Design Review Panel under E36) up to 23/03/22</p> <p>Record of Advice meeting on 07/03/2022 included the introductory meeting and setting up the agenda 09/03/2022</p> <p>Government Architects New South Wales Terms of Reference for the SM Design Review Pane; for WSA and West Line 9/03/22</p> <p>SCAW Submission of Design Review Panel, CPBUI (issued to Metro 01/12/22, as per teambinder corro) and Government Architect letters of advice.</p> <p>Government Letters of Advice, following DRP Meetings 08/09/22, 20/09/22</p> <p>FSM DRP Architecture Design Presentation, 10/08/23, 09/10/23, 16/11/23, 14/12/23, 15/02/24 and 20/04/23 (first design presentation with design schedule).</p> <p>GANSW Letter of advice, 26/02/24, 09/10/23, 28/08/23, 16/11/23, 20/12/23</p>	<p>The DRP was established prior to the current audit period. The terms of reference remain unchanged. Evidence of engagement on the SCAW PUDCLP and AEW FSM design and DRP Meeting Record of Advice demonstrate provision of advice. SCAW design is essentially complete. FSM attended the DRP on a monthly basis during the audit period. Design refinement is ongoing in response to feedback from the DRP. The letters of advice identify the Government Architect Design Advisor.</p>	C

E74	The relevant council may be invited to the meetings of the Panel as observers or to provide feedback on key design elements of the CSSI	Not Applicable	Applicable	Applicable	<p>Government Letters of Advice, following DRP Meetings 08/09/22, 20/09/22</p> <p>FSM DRP Architecture Design Presentation, 10/08/23, 09/10/23, 16/11/23, 14/12/23, 15/02/24 and 20/04/23 (first design presentation with design schedule).</p> <p>GANSW Letter of advice, 26/02/24, 09/10/23, 28/08/23, 16/11/23, 20/12/23</p>	<p>Liverpool City Council has not been invited to the DRP meetings as no works relevant to the DRP occur in its LGA.</p> <p>DRP Meeting Record of Advice demonstrate provision of advice. The auditees are not aware of any material DRP activities during the current audit period. The Records of Advice identify that Penrith City Council has attended the DRP meetings.</p>	C
E75	DRP advice and recommendations, as issued by the Panel, and the Proponent's response to each recommendation must be included when submitting the final PUDCLP to the Planning Secretary for information.	Not Applicable	Applicable	Applicable	<p>Staging Report, Sydney Metro, Rev 9.0, 05/05/23</p> <p>Letter DPHI to Sydney Metro, 26/05/23 (DPHI acknowledgement of Rev 9 of Staging Report)</p> <p>Letter DPHI to Metro, 14/12/22 (acknowledgement of submission of Design Review Panel Process).</p> <p>SCAW Submission of Design Review Panel, CPBUI (issued to Metro 01/12/22, as per teambinder corro)</p> <p>SCAW PUDCLP, December 2022 (including Appendix C)</p> <p>SCAW PUDCLP portal submission record, 19/12/22</p> <p>FSM DRP Architecture Design Presentation, 10/08/23, 09/10/23, 16/11/23, 14/12/23, 15/02/24 and 20/04/23 (first design presentation with design schedule).</p> <p>GANSW Letter of advice, 26/02/24, 09/10/23, 28/08/23, 16/11/23, 20/12/23</p>	<p>SBT does not construct any elements that trigger this condition.</p> <p>The SCAW PUDCLP was prepared and submitted to the Department for information. The PUDCLP includes all of the DRP consultation and recommendations in Appendix C. the proponent's response to the recommendations have been included. Refer to E63 regarding the status of adoption of the recommendations.</p> <p>Design of AEW FSM is ongoing. FSM attended the DRP on a monthly basis during the audit period. Design refinement is ongoing in response to feedback from the DRP</p>	C
E76	The Proponent must provide the design development schedule to the DRP prior to its first meeting, including details of when relevant elements of the detailed design will be available for review by the Panel. The schedule must be updated every three months until the detailed design process is complete.	Not Applicable	Applicable	Applicable	<p>Staging Report, Sydney Metro, Rev 9.0, 05/05/23</p> <p>Letter DPHI to Sydney Metro, 26/05/23 (DPHI acknowledgement of Rev 9 of Staging Report)</p> <p>SMWSA SSI10051_IA3_Request for Information_Sydney Metro_Rev1.1, 23/02/23 (Sydney Metro response to Auditor request for information)</p> <p>SMWSA DRP Programs 2022 and 2023</p> <p>Sydney Metro response to draft Audit Report, email re DRP forward program of dates, received 19/03/23</p> <p>FSM DRP Architecture Design Presentation, 10/08/23, 09/10/23, 16/11/23, 14/12/23, 15/02/24 and 20/04/23 (first design presentation with design schedule).</p> <p>GANSW Letter of advice, 26/02/24, 09/10/23, 28/08/23, 16/11/23, 20/12/23</p>	<p>SBT does not construct any elements that trigger this condition.</p> <p>Sydney Metro confirmed provided the following statement: <i>'The initial design development schedule was provided to the DRP Chair on 15/02/2022, prior to the first meeting held 7/03/2022. Please see the attached email from Lara Dominish "Sydney Metro – Western Sydney Airport DRP – forward program of dates". Since this initial submission to DRP, the schedule has been progressively updated by the Sydney Metro Place Making team and presented to DRP and GANSW via the DRP meetings, hosted on Teams....'</i></p> <p>The Auditor notes that, whilst implied, E76 does not strictly state that the updated schedule must be resubmitted to the DRP.</p> <p>SCAW design is essentially complete. Refer E77.</p> <p>The FSM initial design presentation from April 2023 includes preliminary design and a schedule. The DRP provided feedback on the FSM initial design.</p> <p>FSM attended the DRP on a monthly basis during the audit period. Design refinement is ongoing in response to feedback from the DRP.</p>	C

E77	<p>A PUDCLP must be prepared to document and illustrate the permanent built works and landscape design of the CSSI and how these works are to be maintained. The PUDCLP must be:</p> <p>(a) prepared by a suitably qualified and experienced person(s) in consultation with the community (including the affected landowners and businesses or a representative of the businesses), Western Parklands City Authority, Western Sydney Planning Partnership and relevant council(s);</p> <p>(b) reviewed by an independent and suitably qualified and experienced person nominated by the DRP;</p> <p>(c) submitted to the Planning Secretary prior to the construction of permanent built surface works and/or landscaping, excluding those elements which for ecological requirements, or technical requirements, or requirements as agreed by the Planning Secretary do not allow for alternate design outcomes; and</p> <p>(d) implemented during construction and operation of the CSSI.</p> <p>Note: The PUDCLP may be developed and considered in stages to facilitate design progression and construction. Any such staging and associated approval would need to facilitate a cohesive final design and not limit final design outcomes.</p>	Not Applicable	Applicable	Applicable	<p>Staging Report, Sydney Metro, Rev 9.0, 05/05/23</p> <p>Letter DPPI to Sydney Metro, 26/05/23 (DPPI acknowledgement of Rev 9 of Staging Report)</p> <p>Letter DPPI to Metro, 14/12/22 (acknowledgement of submission of Design Review Panel Process).</p> <p>SCAW Submission of Design Review Panel, CPBUI (issued to Metro 01/12/22, as per teambinder corro)</p> <p>SCAW PUDCLP, December 2022 (including Appendix C)</p> <p>SCAW PUDCLP portal submission record, 19/12/22</p> <p>Letter CPBUI to DPPI, 06/03/23 (CPBUI response to DPPI RFI re Council consultation)</p> <p>DPPI portal RFI, PA166 (Additional RFI from DPPI re Council consultation)</p> <p>Letter Sydney Metro to DPPI, 18/04/23 (Sydney Metro response to additional RFI re Council consultation)</p> <p>Letter DPPI to Sydney Metro, 10/05/23 (acceptance of response to additional RFI re Council consultation)</p> <p>Independent Certifier, example B14 Report (notice of substantial completion of portion)</p> <p>FSM DRP Architecture Design Presentation, 10/08/23, 09/10/23, 16/11/23, 14/12/23, 15/02/24 and 20/04/23 (first design presentation with design schedule).</p> <p>GANSW Letter of advice, 26/02/24, 09/10/23, 28/08/23, 16/11/23, 20/12/23</p>	<p>SBT does not construct any elements that trigger this condition.</p> <p>The SCAW PUDCLP was prepared and submitted to the Department prior to permanent built surface works. The PUDCLP addresses the content requirements of this condition. The SCAW design is essentially complete. It is the responsibility of the Independent Certifier to verify that design is being implemented and compliance with E77(d). confirmation is issued to Sydney Metro progressively.</p> <p>The Department raised a request for information regarding an outstanding matter from Penrith City Council (Council was of the view that they were not provided an opportunity to review the PUDCLP). Additional consultation was carried out with Council by SCAW, and the Department provided their acceptance of this on 10/05/23.</p> <p>The FSM initial design presentation from April 2023 includes preliminary design and a schedule. The DRP provided feedback on the FSM initial design. FSM are continuing to refine design and are presenting to the DRP progressively (including the schedule of design). The FSM PUDCLP development has commenced and permanent built works has not commenced.</p>	C
E78	<p>The PUDCLP must document how the following matters have been considered in the design and landscaping of the project:</p> <p>(a) the requirements of Conditions E63 to E65, and</p> <p>(b) advice and recommendations from the DRP.</p>	Not Applicable	Applicable	Applicable	<p>Staging Report, Sydney Metro, Rev 9.0, 05/05/23</p> <p>Letter DPPI to Sydney Metro, 26/05/23 (DPPI acknowledgement of Rev 9 of Staging Report)</p> <p>Letter DPPI to Metro, 14/12/22 (acknowledgement of submission of Design Review Panel Process).</p> <p>SCAW Submission of Design Review Panel, CPBUI (issued to Metro 01/12/22, as per teambinder corro)</p> <p>SCAW PUDCLP, December 2022 (including Appendix C)</p> <p>SCAW PUDCLP portal submission record, 19/12/22</p> <p>FSM DRP Architecture Design Presentation, 10/08/23, 09/10/23, 16/11/23, 14/12/23, 15/02/24 and 20/04/23 (first design presentation with design schedule).</p> <p>GANSW Letter of advice, 26/02/24, 09/10/23, 28/08/23, 16/11/23, 20/12/23</p>	<p>SBT does not construct any elements that trigger this condition.</p> <p>The SCAW PUDCLP addresses the requirements of this condition. This is set out in in Section 1.9 of the document. SCAW design is essentially complete.</p> <p>The FSM initial design presentation from April 2023 includes preliminary design and a schedule. The DRP provided feedback on the FSM initial design. FSM are continuing to refine design and are presenting to the DRP progressively (including the schedule of design).</p>	C

E79	<p>The PUDCLP must include descriptions and visualisations (as appropriate) of:</p> <p>(a) design of the permanent built elements of the CSSI, including stabling and maintenance and ancillary facilities, service facilities and tunnel portals;</p> <p>(b) plans for station precincts including but not limited to</p> <ul style="list-style-type: none"> (i) justification of the spatial scope of each station precinct plan; (ii) provision for public art and heritage interpretation installations; (iii) placemaking opportunities, having regard to placemaking initiatives in Western Sydney Aerotropolis planning documents; (iv) interchange access plans developed in consultation with the Traffic and Transport Liaison Group; (v) active transport connections and end of trip facilities, design of pedestrian and cycle access, facilities and fixtures; (vi) design of commuter car parking elements, where relevant; <p>(c) landscaping and building design opportunities to mitigate visual impacts and minimise light spill on the nearby residences;</p> <p>(d) the design of watercourse crossings and east-west corridor movements to give to effect of Condition E14;</p> <p>(e) landscaping:</p> <ul style="list-style-type: none"> (i) landscape plan, hard and soft elements, for the corridor and the station precincts; (ii) use of native species from the relevant native vegetation community (or communities), where identified as appropriate; (iii) water sensitive urban design initiatives (vii) management and routine maintenance standards and regimes for design elements and landscaping work (including weed management) to ensure the success of the design; (viii) measures to prevent wildlife strike risk in proximity to Western Sydney International Airport; <p>(f) details of strategies to rehabilitate, regenerate or revegetate disturbed areas, where relevant;</p> <p>(g) management and routine maintenance standards and regimes for design elements and landscaping work (including weed management) to ensure the success of the design;</p> <p>(h) operational maintenance standards; and</p> <p>(i) the timing and responsibilities for implementation of elements included within the PUDCLP.</p>	Not Applicable	Applicable	Applicable	<p>Staging Report, Sydney Metro, Rev 9.0, 05/05/23</p> <p>Letter DPHI to Sydney Metro, 26/05/23 (DPHI acknowledgement of Rev 9 of Staging Report)</p> <p>Letter DPHI to Metro, 14/12/22 (acknowledgement of submission of Design Review Panel Process).</p> <p>SCAW Submission of Design Review Panel, CPBUI (issued to Metro 01/12/22, as per teambinder corro)</p> <p>SCAW PUDCLP, December 2022 (including Appendix C)</p> <p>SCAW PUDCLP portal submission record, 19/12/22</p> <p>FSM DRP Architecture Design Presentation, 10/08/23, 09/10/23, 16/11/23, 14/12/23, 15/02/24 and 20/04/23 (first design presentation with design schedule).</p> <p>GANSW Letter of advice, 26/02/24, 09/10/23, 28/08/23, 16/11/23, 20/12/23</p>	<p>SBT does not construct any elements that trigger this condition.</p> <p>The SCAW PUDCLP addresses the requirements of this condition. This is set out in Section 1.9 of the document.</p> <p>The FSM initial design presentation from April 2023 includes preliminary design and a schedule. The DRP provided feedback on the FSM initial design. FSM are continuing to refine design and are presenting to the DRP progressively (including the schedule of design).</p>	C
E80	<p>The ongoing maintenance and operation costs of urban design, open space, landscaping and recreational items and work implemented as part of this approval remain the Proponent's responsibility until satisfactory arrangements have been put in place for the transfer of the asset to the relevant authority. Before the transfer of assets, the Proponent must maintain items and work to at least the design standards established in the PUDCLP, required by Condition E79.</p> <p>The Planning Secretary must be advised prior to the transfer of the asset(s) to the relevant authority</p>	Not Applicable	Applicable	Applicable	<p>Staging Report, Sydney Metro, Rev 9.0, 05/05/23</p> <p>Letter DPHI to Sydney Metro, 26/05/23 (DPHI acknowledgement of Rev 9 of Staging Report)</p> <p>SCAW PUDCLP, December 2022 (including Appendix C)</p> <p>SCAW PUDCLP portal submission record, 19/12/22</p> <p>FSM DRP Architecture Design Presentation, 10/08/23, 09/10/23, 16/11/23, 14/12/23, 15/02/24 and 20/04/23 (first design presentation with design schedule).</p> <p>GANSW Letter of advice, 26/02/24, 09/10/23, 28/08/23, 16/11/23, 20/12/23</p>	<p>SBT does not construct any elements that trigger this condition.</p> <p>The SCAW PUDCLP recognizes maintenance during construction, however operational maintenance does form part of SCAWs scope.</p> <p>AEW FSM design is ongoing. As with SCAW AEW FSM does not have any operational responsibility.</p>	NT
E81	<p>Should any plant loss occur during the maintenance period the plants must be replaced by the same plant species unless it is determined by a suitably qualified person that a different species is more suitable for that location</p>	Not Applicable	Not Applicable	Applicable	<p>Staging Report, Sydney Metro, Rev 9.0, 05/05/23</p> <p>Letter DPHI to Sydney Metro, 26/05/23 (DPHI acknowledgement of Rev 9 of Staging Report)</p> <p>SCAW PUDCLP, December 2022 (including Appendix C)</p> <p>SCAW PUDCLP portal submission record, 19/12/22</p> <p>FSM DRP Architecture Design Presentation, 10/08/23, 09/10/23, 16/11/23, 14/12/23, 15/02/24 and 20/04/23 (first design presentation with design schedule).</p> <p>GANSW Letter of advice, 26/02/24, 09/10/23, 28/08/23, 16/11/23, 20/12/23</p>	<p>SBT does not construct any elements that trigger this condition.</p> <p>The SCAW PUDCLP recognizes maintenance during construction, however operational maintenance does form part of SCAWs scope.</p> <p>AEW FSM design is ongoing. As with SCAW AEW FSM does not have any operational responsibility.</p>	NT
Socio-Economic, Land Use and Property							

E82	The CSSI must be designed and constructed with the objective of minimising impacts to, and interference with third party property, and that such infrastructure and property is protected during construction.	Applicable	Applicable	Applicable	<p>SBT Building Effects Report, 31/01/23 and Independent Certifier acceptance, 23/02/23</p> <p>SBT Settlement and Predicted Effects Report, 18/08/23 (and associated RFI on potential building impact on house overlying cross passage).</p> <p>SBT Instrument and Monitoring Report, 02/11/23</p> <p>Geosense WSA-SBT (online GIS based monitoring module)</p> <p>SBT to IPIAP Presentation, 30/01/24 (update to IPIAP on project progress, pre- and pos-construction surveys, damage claims (1 x under investigation), settlement monitoring (all within acceptable ranges)</p> <p>SCAW Construction Environment Management Plan, 04/11/22 (SCAW CEMP)</p> <p>SCAW interview, 09, 12/02/24</p> <p>Paton's Lane Road Dilapidation Report, CPBUI, 15/08/22 (and email Metro to Penrith City Council, 17/08/22)</p> <p>Luddenham Road Dilapidation Report, CPBUI</p> <p>SCAW preconstruction survey of 16-20 Lansdowne road (SBT's post construction dilapidation), 10/11/23</p> <p>SCAW Work Pack, SMF Earthworks, Rev01</p> <p>Email Water NSW and SCAW, 28/11/22</p> <p>Water NSW Early Works Access Licence, 19/09/22 (access to Water NSW corridor)</p> <p>Email TransGrid to SCAW, 12/12/22 (consultation on works near towers 632 and 633)</p> <p>AEW FSM preconstruction dilapidation reports, Harris Street, Roundabout, Queen Street Phillip Street, Bus terminal, TAP3 Roads (various dates) and submission to Penrith City Council.</p>	<p>The Project has provided evidence to show that impacts to third party property has been avoided or minimised.</p> <p>SBT has completed 146 out of 364 surveys on potentially affected properties. 21 declined the surveys, and a further 138 did not respond. Evidence indicates that the Reports have been to the landowner prior to works that could impact on the receiver.</p> <p>The SBT Building Effects Report and Settlement and Predicted Effects Report identify potential impacts associated with tunnelling and station box excavation (settlement). The Instrument and Monitoring Report identifies the monitoring required to track whether adverse impacts occur. Monitoring to date indicates that settlement is well within the nominated criteria.</p> <p>SBT team is not aware of doing any property adjustment works. Refer to E48 regarding SBT potential for cosmetic damage. Refer to E120 regarding utilities.</p> <p>The SCAW CEMP recognises this requirement through implementation of procedures and the Environmental Control Maps (current SCAW works are quite remote from nearby properties). Evidence sighted (refer C1) indicates that the CEMP has been implemented to date. Dilapidation Reports have been prepared for local roads (Paton's Lane and Luddenham Road) and 16-20 Lansdowne Road. SCAW have provided evidence showing that impacts to third party property (services) is being managed in consultation with the service provider. SCAW are not aware of any damage to third party property.</p> <p>AEW FSM prepared preconstruction dilapidation reports. The works to date are not significant and potential for third party property impacts is minimal. The dilapidation reports were submitted to Council for information.</p> <p>Note both SBT and SCAW have complaints regarding property damage (3 in total for the audit period), but these do not indicate that damage has occurred as a result of construction. Any damage to roads from heavy vehicles will be assessed as part of the pre-construction vs post-construction assessments and resurfaced in consultation with Council (where required).</p>	C
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E83	<p>The utilities and services (hereafter "services") potentially affected by construction must be identified to determine requirements for diversion, protection and / or support. Alterations to services must be determined by negotiation between the Proponent and the service providers. Disruption to services resulting from construction must be avoided, wherever possible, and advised to customers where it is not possible.</p>	Applicable	Applicable	Applicable	<p>SBT Sydney Water design, protection and diversion documents, Phillip St, Station Street Lansdowne Road, Kent Road Sydney Water CASE198458PW, CASE190778PW, CASE198747PW, CASE190695PW</p> <p>SBT Telstra (non-contestable) comms protection, diversion and permanent design documents, Kent Road, Phillip St and Station Road</p> <p>SBT Building Effects Report, 31/01/23 and Independent Certifier acceptance, 23/02/23</p> <p>SBT Settlement and Predicted Effects Report, 18/08/23 (and associated RFI on potential building impact on house overlying cross passage).</p> <p>SBT Instrument and Monitoring Report, 02/11/23</p> <p>Geosense WSA-SBT (online GIS based monitoring module)</p> <p>SBT to IPIAP Presentation, 30/01/24 (update to IPIAP on project progress, pre- and pos-construction surveys, damage claims (1 x under investigation), settlement monitoring (all within acceptable ranges)</p> <p>Endeavour Energy letters of acceptance 02/08/22, 24/08/22, 23/09/22, 04/10/22</p> <p>SCAW CEMP, 04/11/22</p> <p>Email Water NSW and SCAW, 28/11/22</p> <p>Water NSW Early Works Access Licence, 19/09/22 (access to Water NSW corridor)</p> <p>Email TransGrid to SCAW, 12/12/22 (consultation on works near towers 632 and 633)</p> <p>Pre-construction Condition Survey Report – Infrastructure (structures), CPBUI, 14/04/23</p> <p>Pre-construction Condition Survey Report – Infrastructure (utilities), CPBUI, 13/02/23</p> <p>Complaints register current to 29/02/24</p> <p>Transport Access Program 3 Footbridge St Marys MCC, Utilities Management Plan, 20/03/23</p> <p>FSM to Council presentation, 09/02/24 (workshop with Council on flooding, drainage)</p>	<p>Evidence was provided demonstrating protection / support for services potentially affected by SBT and SCAW. These were largely completed prior to the current audit period.</p> <p>For tunnelling SBT noted that 'At this stage, only settlement monitoring of utility assets are ongoing to confirm there is no adverse impact on the utilities due to the SBT works as detailed in the Instrumentation and Monitoring Report (SMWSASBT-CPG-SWD-SW000-GE-RPT-040701). As noted in Section 14.2.7 of the Settlement and Predicted Effects Report (SMWSASBT-CPG-SWD-SW000-GE-RPT-040601), consultation with potentially affected service providers, including Sydney Water and Jemena, was undertaken in order to determine appropriate utility assessment criteria. This informed the trigger levels for utilities detailed in the Instrumentation and Monitoring Report.' There have been no utility interfaces or adjustments for the current audit period.</p> <p>For SCAW works proximal to water and power networks, evidence shows consultation with the network operators. No works with the potential to impact these assets occurred during the audit period.</p> <p>AEW FSM have not yet progressed to protection or diversion of utilities, only investigations thus far. AEW FSM has a Utilities Management Plan in place for when utility diversion etc. are required. FSM will be upgrading the stormwater network proximal to the FSM works. A workshop with Council was held in February 24. The works are yet to commence.</p>	C
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E84	<p>A suitably qualified and experienced person must undertake condition surveys of all buildings, structures, utilities and the like identified in the documents listed in Condition A1 and the further assessment carried out under mitigation measure GW1 of the Submissions Report as being at risk of damage before commencement of any work that could impact on the subject surface / subsurface structure. The results of the surveys must be documented in a Pre-construction Condition Survey Report for each item surveyed. Copies of Pre-construction Condition Survey Reports must be provided to the relevant owners of the items surveyed in the vicinity of the proposed work, and no later than one (1) month before the commencement of the work that could impact on the subject surface / subsurface structure.</p>	Applicable	Applicable	Applicable	<p>SBT Building Effects Report, 31/01/23 and Independent Certifier acceptance, 23/02/23</p> <p>Email SBT to Jemena, 22/03/23 including attachments (survey of Jemena gas line)</p> <p>SBT sewer CCTV / survey results (various files)</p> <p>SBT to IPIAP Presentation, 30/01/24 (update to IPIAP on project progress, pre- and pos-construction surveys, damage claims (1 x under investigation), settlement monitoring (all within acceptable ranges)</p> <p>Paton's Lane Road Dilapidation Report, CPBUI, 15/08/22 (and email Metro to Penrith City Council, 17/08/22)</p> <p>Luddenham Road Dilapidation Report, CPBUI</p> <p>SCAW preconstruction survey of 16-20 Lansdowne road (SBT's post construction dilapidation), 10/11/23</p> <p>Pre-construction Condition Survey Report – Infrastructure (structures), CPBUI, 14/04/23</p> <p>Pre-construction Condition Survey Report – Infrastructure (utilities), CPBUI, 13/02/23</p> <p>AEW FSM preconstruction dilapidation reports, Harris Street, Roundabout, Queen Street Phillip Street, Bus terminal, TAP3 Roads (various dates) and submission to Penrith City Council 25/05/23</p>	<p>SBT has completed 146 out of 364 surveys on potentially affected properties. 21 declined the surveys, and a further 138 did not respond. Evidence indicates that the Reports have been to the landowner prior to works that could impact on the receiver.</p> <p>SCAW has only impacted local roads to date (one of which is captured in the EIS as being used by the project). The Paton's Lane dilapidation report was provided to Council prior. Condition surveys have been conducted on structures and utilities. These were issued to the owners of the assets prior to the relevant works commencing.</p> <p>Pre-construction dilapidation reports were prepared for each AEW package well prior to the current audit period, and issued to the relevant stakeholders.</p> <p>Refer to the first and second audit reports for the dilapidation reports (and correspondence to stakeholders) associated with site establishment works.</p> <p>Note: The auditees and reports indicated that the persons preparing the dilapidation report were suitably qualified and experienced and this is referenced in some of the reports. That being said, Auditor cannot confirm whether the authors' are truly suitably qualified and experienced.</p>	C
E85	<p>Condition surveys of all items for which condition surveys were undertaken in accordance with Condition E84 must be undertaken by a suitably qualified and experienced person after completion of the work identified in Condition E84. The results of the surveys must be documented in a Post-construction Condition Survey Report for each item surveyed. Copies of Post-construction Condition Survey Reports must be provided to the landowners of the items surveyed, and no later than three (3) months following the completion of the work that could impact on the subject surface / subsurface structure.</p>	Applicable	Applicable	Applicable	<p>Site inspection 06, 12, 13/02/24</p> <p>AEW TBI Post Construction Dilapidation Report, Ward Civil 09/05/22</p> <p>Email TfT to Sydney Metro 23/02/23</p> <p>Email Quickway to Sydney Metro, 10/02/23</p> <p>Post-Construction Land Condition Assessment Report, Alliance Geotech, 01/06/22</p> <p>Sydney Metro response to draft Audit Report, email re DRP forward program of dates, received 19/03/23</p> <p>AEW TBI post construction dilapidation, James Townsend, 03/01/23</p> <p>SBT to IPIAP Presentation, 30/01/24 (update to IPIAP on project progress, pre- and pos-construction surveys, damage claims (1 x under investigation), settlement monitoring (all within acceptable ranges)</p> <p>Non-compliance Report and DPHI post approval portal lodgement 24/01/24 (reporting of non-compliance for E84/E85 as Condition surveys for AEW TBI and SPO were not distributed to the relevant property owners in the time frames stipulate).</p>	<p>SBT have reported to the IPIAP on the progress of post-construction survey reports, with 56 x properties (out of 202) booked for inspection. SCAW and FSM have not commenced post-0construction surveys. Construction works are continuing.</p> <p>Metro Non-compliance: Note that the Auditor raised an observation in the fourth independent audit about the failure to complete and issue post-construction survey reports for TBI, St Mary's Lift and Stairs and Power. At the time of the fourth audit, only AEW Roads (Sydney Metro the owner of affected property) had a post construction survey report issued. Refer to finding 10051_IA4_18 for details.</p> <p>Sydney Metro subsequently reported this as a non-compliance.</p> <p>Preparation and submission of post-construction survey reports for St Mary's Lift and Stairs and Power packages was deemed not required by Sydney Metro as 'no buildings/ structures deemed to be at risk as a result of construction.'</p> <p>Post-construction survey reports for TBI were issued to all properties with the exception of 18, 30-32 and 34 Queens Street (as records of post-construction surveys were not able to be retrieved).</p>	NC
E86	<p>The Proponent, where liable, must rectify any property damage caused directly or indirectly (for example from vibration or from groundwater change) by the work at no cost to the owner. Alternatively, the Proponent may pay compensation for the property damage as agreed with the property owner. Rectification or compensation must be undertaken within 12 months of completion of the work identified in Condition E84 unless another timeframe is agreed with the owner of the affected surface or sub-surface structure or recommended by the Independent Property Impact Assessment Panel (IPIAP).</p>	Applicable	Applicable	Applicable	<p>SBT interview 07-08/02/24</p> <p>SCAW interview 09-12/02/24</p> <p>Complaints register current to 29/02/24</p> <p>Sydney Metro interview 01-13/02/24</p> <p>SCAW Luddenham Road Repair works tracker, 2024</p> <p>SMWSA and PCC Meeting Minutes, 18/09/23 and 24/11/23</p>	<p>SBT, SCAW and FSM packages have not yet had to undertake any rectification works. Construction is ongoing.</p> <p>1x complaint regarding the condition of Kent Road was received during the audit period. The complaints register indicates that the Orchard Hills site team is committed to backfilling depressions/pot holes on north and southbound lanes between the SBT site and the M4, with works to be carried out in early 2024 pending approval.</p> <p>Metro Observation: According to the SCAW auditees, it was noted that Council had concerns over damage to Luddenham Road. Refer E108 for details.</p>	NT

E87	Appropriate equipment to monitor areas in proximity of ancillary facilities and the tunnel route must be installed during construction with particular reference to at risk buildings, structures and utilities identified in the condition surveys required by Condition E84 and / or geotechnical analysis as required. If monitoring during construction indicates exceedance of the vibration criteria identified in the DNVIS prepared under Condition E47 , or levels otherwise determined as appropriate by a suitably qualified structural engineer, then all construction affecting settlement must cease immediately and must not resume until fully rectified or a revised method of construction is established that will ensure protection of affected buildings.	Applicable	Applicable		<p>SBT Building Effects Report, 31/01/23 and Independent Certifier acceptance, 23/02/23</p> <p>SBT Settlement and Predicted Effects Report, 18/08/23 (and associated RFI on potential building impact on house overlying cross passage).</p> <p>SBT Instrument and Monitoring Report, 02/11/23</p> <p>Geosense WSA-SBT (online GIS based monitoring module)</p> <p>SBT to IPIAP Presentation, 30/01/24 (update to IPIAP on project progress, pre- and pos-construction surveys, damage claims (1 x under investigation), settlement monitoring (all within acceptable ranges)</p> <p>IPIAP Memos to SBT, and SBT responses, July 23 – February 24.</p>	<p>The SBT Building Effects Report identifies potential impacts associated with tunnelling and station box excavation (settlement). The Instrument and Monitoring Report identifies the monitoring required to track whether adverse impacts occur. Results to date indicate that settlement impacts are well within criteria.</p> <p>The DNVISs for SCAW, FSM do not identify settlement as a risk as these involve surface works. Refer E47 for DNVISs. Refer to E54 regarding vibration monitoring.</p>	C
E88	An IPIAP must be established prior to tunnelling activities commencing. The Planning Secretary must be informed of the members of the IPIAP and must comprise geotechnical and engineering experts independent of the design and construction team. The IPIAP will be responsible for independently verifying condition surveys undertaken under Conditions E84 and E85 , the resolution of property damage disputes and the establishment of ongoing settlement monitoring requirements.	Applicable	Applicable	Applicable	<p>Site inspection 06, 12, 13/02/24</p> <p>Letter DPHI to Metro, 30/06/23 (DPHI approval of IPIAP)</p> <p>SBT to IPIAP Presentation, 30/01/24 (update to IPIAP on project progress, pre- and pos-construction surveys, damage claims (1 x under investigation), settlement monitoring (all within acceptable ranges)</p> <p>IPIAP Memos to SBT, and SBT responses, July 23 – February 24.</p> <p>IPIAP Terms of Reference, August 23</p>	<p>The IPAIP was approved on 30/06/23. According to SBT tunnelling on NSW land commenced 20/07/23.</p> <p>SBT observation from the fourth audit: The IPIAP reviewed a sample of pre-construction condition survey reports and has identified several deficiencies in the report (i.e.: demonstration of the surveyor being suitably qualified and experienced and that detail on crack dimensions, adding more detail on wear and tear in properties). SBT responded by providing additional information (seemingly resolving some of the IPIAPs concerns about surveyor qualifications and additional detail on wear and tear). The Auditor has not sighted a final response from IPIAP confirming adequacy or otherwise. The IPIAP is charged with determining unresolved property damage disputes and its findings are final on Sydney Metro and its contractors. Nevertheless, the Auditor is of the view that there is a risk that property owners are disadvantaged where pre-construction condition surveys are not adequate (as there may be a lack of evidence available to support a dispute, and owners may lack the resources to raise and follow through on a dispute).</p>	C
E89	Either the affected property owner or the Proponent may refer unresolved disputes arising from potential and/or actual property impacts to the IPIAP for resolution. All costs incurred in the establishing and implementing of the panel must be borne by the Proponent regardless of which party makes a referral to the IPIAP. The findings and recommendations of the IPIAP are final and binding on the Proponent.	Applicable	Applicable	Applicable	<p>Site inspection 06, 12, 13/02/24</p> <p>Letter DPHI to Metro, 30/06/23 (DPHI approval of IPIAP)</p> <p>SBT to IPIAP Presentation, 30/01/24 (update to IPIAP on project progress, pre- and pos-construction surveys, damage claims (1 x under investigation), settlement monitoring (all within acceptable ranges)</p> <p>IPIAP Memos to SBT, and SBT responses, July 23 – February 24.</p> <p>IPIAP Terms of Reference, August 23</p>	<p>The IPAIP was approved on 30/06/23. Costs are borne by Sydney Metro. According to the Terms of reference, the IPIAP is charged with determining unresolved property damage disputes and its findings are final on Sydney Metro and its contractors</p> <p>According to SBT tunnelling on NSW land commenced 20/07/23 and monitoring is ongoing, with results sighted as being acceptable. Refer E88 with regards to resolution of property damage disputes in the absence of an adequate pre-construction survey.</p>	NT
E90	Settlement must be monitored for any period beyond the minimum timeframe requirements of Condition E87 if directed so by the IPIAP following its review of the monitoring data from the period not less than six (6) months after settlement has stabilised, consistent with Condition E87 . The results of the monitoring must be made available to the Planning Secretary upon request.	Applicable	Applicable	Applicable	<p>Site inspection 06, 12, 13/02/24</p> <p>Letter DPHI to Metro, 30/06/23 (DPHI approval of IPIAP)</p> <p>SBT to IPIAP Presentation, 30/01/24 (update to IPIAP on project progress, pre- and pos-construction surveys, damage claims (1 x under investigation), settlement monitoring (all within acceptable ranges)</p> <p>IPIAP Memos to SBT, and SBT responses, July 23 – February 24.</p> <p>IPIAP Terms of Reference, August 23</p>	<p>The IPAIP was approved on 30/06/23. Costs are borne by Sydney Metro. According to the Terms of reference, the IPIAP is charged with determining unresolved property damage disputes and its findings are final on Sydney Metro and its contractors</p> <p>According to SBT tunnelling on NSW land commenced 20/07/23 and monitoring is ongoing, with results sighted as being acceptable. Refer E88 with regards to resolution of property damage disputes in the absence of an adequate pre-construction survey.</p>	NT

E91	<p>Small Business Owners Engagement Plan(s) must be prepared for St Marys and implemented in accordance with the Overarching Community Communication Strategy to minimise impact on small businesses directly affected by construction activities at St Marys during construction. The plan must be prepared and submitted to the Planning Secretary for information before the commencement of construction at St Marys</p>	Applicable	Not Applicable	Applicable	<p>SBT Small Business Owners Engagement Plan (St Marys), 16/05/22</p> <p>DPHI post approval portal lodgement record, 19/08/21 (submission of Small Business Owners Engagement Program)</p> <p>SBT Consultation Manager download, 04/11/22 – 17/02/23 (download of consultation between SBT, Penrith Chamber of Commerce and St Marys business owners)</p> <p>AEW Small Business Owners Engagement Plan, July 2021 (Sydney Metro)</p> <p>AEW FSM Community Liaison Plan, including Small Business Owners Engagement Plan, 03/02/23</p>	<p>SBT provided a download of Consultation Manager showing correspondence with the Penrith Valley Chamber of Commerce and small businesses in the St Marys area. The vast majority of consultation provided was from November 2022.</p> <p>AEW FSM have a small business owners engagement plan as part of their community plan. There are no specific outreach requirements in the document for small businesses. The commitments are about minimising construction impacts and ensuring good communications (through Metro).</p> <p>Refer to B1 with respect to ongoing implementation of the Communication Strategy, which includes communications with small businesses at St Marys.</p>	C
Soils and Contamination							
E92	<p>Before commencement of any construction that would result in the disturbance of moderate to high risk contaminated sites as identified in the documents identified in Condition A1, Detailed Site Investigations (for contamination) must be conducted to determine the full nature and extent of the contamination. The Detailed Site Investigation Report(s) and the subsequent report(s), must be prepared, or reviewed and approved, by consultants certified under either the Environment Institute of Australia and New Zealand's Certified Environmental Practitioner (Site Contamination) scheme (CEnvP(SC)) or the Soil Science Australia Certified Professional Soil Scientist Contaminated Site Assessment and Management (CPSS CSAM) scheme. The Detailed Site Investigations must be undertaken in accordance with guidelines made or approved under section 105 of <i>Contaminated Land Management Act 1997 (NSW)</i>.</p> <p>Note: Nothing in this condition prevents the Proponent from preparing individual Detailed Site Investigation Reports (for contamination) for separate sites.</p>	Applicable	Applicable	Not Applicable	<p>SBT interview 07-08/02/24</p> <p>SBT Aerotropolis DSI, TTMP, 13/11/22</p> <p>SBT St Marys DSI, Rev 3, 27/09/22, and Addendum 1 (to capture the Plaza, 13/10/22) and Addendum 2 (to capture groundwater, 23/11/22), and groundwater HHRA, 26/04/23</p> <p>SCAW CPBUI DSI Tracker, 24/01/24, plus sample of DSIs from Douglas Partners (various dates)</p> <p>SCAW interview 09-12/02/24</p> <p>Interview with FSM 13/02/24</p>	<p>The SBT Aerotropolis and St Marys (+ Plaza) DSIs were prepared by a CEnvP(SC). The Aerotropolis DSI recommended implementation of a RAP to make the site suitable for future use. No remediation of soils at St Marys was required. However, remediation of groundwater is recommended (to manage groundwater inflow of offsite contamination that is predicted to occur following excavation below the groundwater table. The DSIs were prepared prior to work affecting the relevant contamination. Refer to the third Independent Audit Report for details.</p> <p>SCAW have 15 sites that qualify for DSI. 14 DSIs have been completed with reports issued. One site is not yet accessed. Eight sites have DSIs issued, with IAA received for 5 sites. According to the ER, Metro and SCAW (and the audit site inspection) construction on the applicable sites has not commenced until after the DSI has been completed.</p> <p>FSM includes works in AEC 1. Works to date in this location have comprised investigations and establishment of compounds (which has not disturbed existing contamination). A consultant has been engaged to prepare a DSI and this has yet to commence. Ground disturbance is scheduled to proceed after the DSI.</p>	C

E93	<p>Should remediation be required to make land suitable for the final intended land use, a Remedial Action Plan must be prepared, or reviewed and approved, by consultants certified under either the Environment Institute of Australia and New Zealand's Certified Environmental Practitioner (Site Contamination) scheme (CEnvP(SC)) or the Soil Science Australia Certified Professional Soil Scientist Contaminated Site Assessment and Management (CPSS CSAM) scheme. The Remedial Action Plan must be prepared in accordance with relevant guidelines made or approved by the EPA under section 105 of the Contaminated Land Management Act 1997 (NSW) and must include measures to remediate the contamination at the site to ensure the site will be suitable for the proposed use when the Remedial Action Plan is implemented.</p> <p>Note: Nothing in this condition prevents the Proponent from preparing individual Remedial Action Plans for separate sites.</p>	Applicable	Applicable	Not Applicable	<p>SBT Aerotropolis RAP, 16/11/22 and 05/06/23</p> <p>SBT Aerotropolis Site Audit Report and Site Audit Statement (Section B), JBS&G, 0503-2305</p> <p>SBT Aerotropolis Site Audit Report and Site Audit Statement (Section B), JBS&G, 15/06/23</p> <p>SBT St Marys RAP, 23/05/23</p> <p>SBT IAA on St Marys RAP, Ramboll, 07/02/23 (Auditor approval of St Marys RAP)</p> <p>SBT St Marys Site Audit Report and Site Audit Statement (Section B), Ramboll, 11/05/23</p> <p>SCAW CPBUI DSI Tracker, 24/01/24, plus sample of DSIs from Douglas Partners (various dates)</p> <p>SCAW RAP for AEC43, Douglas Partners, 07/12/22 and SAR and Section B SAS AEC43, Senversa, 07/05/23</p> <p>SCAW RAP for AEC35, Douglas Partners, March 2023 and SAR and Section B SAS AEC35, Senversa, 09/05/23</p> <p>SCAW RAP for AEC36, Douglas Partners, July 2023 and SAR and Section B SAS AEC36, Senversa, 28/07/23</p> <p>SCAW RAP for PS105 (encapsulation area), Douglas Partners, and IAA from Senversa providing initial acceptance of the RAP, 22/12/23</p> <p>SCAW RAP 31A, Douglas Partners 07/12/23 and IAA from Senversa providing initial acceptance of the RAP, 06/02/24.</p> <p>SCAW interview 09-12/02/24</p>	<p>SBT prepared a RAP for the Aerotropolis site. The RAP was prepared by CEnvP(SC) in accordance with the guidelines. The Site Auditor confirmed that the RAP is adequate. Following initial remediation, Metro directed SBT to remove the source material (in account of potential future use in the Western Sydney parklands). In response the RAP was updated for source removal. The RAP was implemented and an updated SAR and SAS was issued.</p> <p>Contaminated Sites Auditor reviewed and approved the St Marys RAP (re groundwater) on 07/02/23. Works were carried out, involving the installation of a PRB to manage groundwater movement towards the box. The Contaminated Sites Auditor provided a SAR and SAS confirming the implementation of the RAP. SBT have handed the St Marys box over to SSTOM as at October 23.</p> <p>SCAW has had five RAPs prepared to date, with another 10 sites assessed as not requiring a RAP. The RAPs address the requirements of this condition. The Site Auditor has verified that the RAPs are appropriate (either via a Section B SAS or IAA (where the SAS is pending). Remediation is continuing with contaminated material being directed to PS105 encapsulation cell, which (at this time) is to be retained on Sydney Metro land.</p> <p>The Auditor is not aware of DSIs or remediation being required for FSM during the audit period.</p>	C
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E94	<p>Before commencing remediation, a Section B Site Audit Statement(s) must be prepared by an NSW EPA-accredited Site Auditor that certifies that the Remedial Action Plan(s) is/are appropriate and that the site can be made suitable for the proposed use. The Remedial Action Plan(s) must be implemented and any changes to the Remedial Action Plan(s) must be approved in writing by the NSW EPA-accredited Site Auditor.</p> <p>Note: Nothing in this condition prevents the Proponent from engaging an NSW EPA-accredited Site Auditor to prepare individual Site Audit Statements for Remedial Action Plans for separate sites.</p>	Applicable	Applicable	Not Applicable	<p>SBT Aerotropolis RAP, 16/11/22 and 05/06/23</p> <p>SBT Aerotropolis Site Audit Report and Site Audit Statement (Section B), JBS&G, 0503-2305</p> <p>SBT Aerotropolis Site Audit Report and Site Audit Statement (Section B), JBS&G, 15/06/23</p> <p>SBT St Marys RAP, 23/05/23</p> <p>SBT IAA on St Marys RAP, Ramboll, 07/02/23 (Auditor approval of St Marys RAP)</p> <p>SBT St Marys Site Audit Report and Site Audit Statement (Section B), Ramboll, 11/05/23</p> <p>SCAW CPBUI DSI Tracker, 24/01/24, plus sample of DSIs from Douglas Partners (various dates)</p> <p>SCAW RAP for AEC43, Douglas Partners, 07/12/22 and SAR and Section B SAS AEC43, Senversa, 07/05/23</p> <p>SCAW RAP for AEC35, Douglas Partners, March 2023 and SAR and Section B SAS AEC35, Senversa, 09/05/23</p> <p>SCAW RAP for AEC36, Douglas Partners, July 2023 and SAR and Section B SAS AEC36, Senversa, 28/07/23</p> <p>SCAW RAP for PS105 (encapsulation area), Douglas Partners, and IAA from Senversa providing initial acceptance of the RAP, 22/12/23, plus Section B SAR 08/03/24</p> <p>SCAW RAP 31A, Douglas Partners 07/12/23 and IAA from Senversa providing initial acceptance of the RAP, 06/02/24.</p>	<p>SBT prepared a RAP for the Aerotropolis site. The RAP was prepared by CEnvP(SC) in accordance with the guidelines. The Site Auditor confirmed that the RAP is adequate. Following initial remediation, Metro directed SBT to remove the source material (in account of potential future use in the Western Sydney parklands). In response the RAP was updated for source removal. The RAP was implemented and an updated SAR and SAS was issued.</p> <p>Auditor reviewed and approved the St Marys RAP (re groundwater) on 07/02/23. Works were carried out, involving the installation of a PRB to manage groundwater movement towards the box. The Contaminated Sites Auditor provided a SAR and SAS confirming implementation of the RAP. SBT have handed the St Marys box over to SSTOM as at October 23.</p> <p>SCAW has had five RAPs prepared to date by CEnvP(SC) in accordance with the guidelines, with another 10 sites assessed as not requiring a RAP. The RAPs address the requirements of this condition. The Site Auditor has verified that the RAPs are appropriate (either via a Section B SAS or IAA (where the SAS is pending). Remediation is continuing with contaminated material being directed to PS105 encapsulation cell, which (at this time) is to be retained on Sydney Metro land.</p> <p>SCAW Observation: SCAW prepared a RAP for an encapsulation cell for receipt of ACM from other sites (referred to as PS105). The location itself did not attract a RAP for any reason other than it was to receive ACM (i.e.: the land was suitable for its intended use).</p> <p>The PS105 RAP was issued to the Contaminated Sites Auditor and Interim Audit Advice was received that the RAP was acceptable and able to be implemented. That being said works identified under the RAP, including placement of the marker layer and receipt of ACM material commenced prior to a Section B Site Audit Statement having been obtained.</p> <p>The Auditor acknowledges that Section B Site Audit Statements were in place for the contaminated sites subject to remediation via placement of ACM at PS105 (AEC 35, 36 and 43). The RAPs for AEC 35, 36 and 43 identified PS105 as the proposed encapsulation site for contaminated material, and therefore CPBUI considered the encapsulation activity at PS105 to have been considered and endorsed in the approved RAP's.</p> <p>The Auditor is not aware of remediation being required for FSM.</p>	C
E95	<p>Validation Report(s) must be prepared in accordance with Consultants Reporting on Contaminated Land: Contaminated Land Guidelines (EPA, 2020) and relevant guidelines made or approved under section 105 of the Contaminated Land Management Act 1997 (NSW).</p> <p>Note: Nothing in this condition prevents the Proponent from preparing individual Validation Reports for separate sites.</p>	Applicable	Applicable	Not Applicable	<p>SBT Aerotropolis Validation Report, Coffey, 18/09/23, and Site Audit Report and Site Audit Statement (Section A1), JBS&G, 20/09/23</p> <p>SBT St Marys Station Validation Report, TTMP, 07/09/23 and Site Audit Report and Site Audit Statement, Ramboll 16/02/24</p> <p>SCAW CPBUI DSI Tracker, 24/01/24, plus sample of DSIs from Douglas Partners (various dates)</p> <p>SCAW RAP for AEC43, Douglas Partners, 07/12/22 and SAR and Section B SAS AEC43, Senversa, 07/05/23</p> <p>SCAW RAP for AEC35, Douglas Partners, March 2023 and SAR and Section B SAS AEC35, Senversa, 09/05/23</p> <p>SCAW RAP for AEC36, Douglas Partners, July 2023 and SAR and Section B SAS AEC36, Senversa, 28/07/23</p> <p>SCAW RAP for PS105 (encapsulation area), Douglas Partners, and IAA from Senversa providing initial acceptance of the RAP, 22/12/23</p> <p>SCAW RAP 31A, Douglas Partners 07/12/23 and IAA from Senversa providing initial acceptance of the RAP, 06/02/24.</p>	<p>SBT Aerotropolis and St Marys Station remediation completed and a Validation Report, SAR and Section B SAS have been prepared and issued. SBT have handed the Aerotropolis and St Marys box over to SSTOM for ongoing construction.</p> <p>SCAW validation reports will be prepared prior to the handover of the sites and following completion of validation.</p> <p>The Auditor is not aware of remediation being required for FSM.</p>	C

E96	<p>A Section A1 or Section A2 Site Audit Statement (accompanied by an Environmental Management Plan) and its accompanying Site Audit Report, which state that the contaminated land disturbed by the work has been made suitable for the intended land use, must be submitted to the Planning Secretary and the Relevant Council(s) after remediation and before the commencement of operation of the CSSI.</p> <p>Note: Nothing in this condition prevents the Proponent from obtaining Section A Site Audit Statements for individual parcels of remediated land.</p>	Applicable	Applicable	Not Applicable	<p>SBT Aerotropolis Validation Report, Coffey, 18/09/23, and Site Audit Report and Site Audit Statement (Section A1), JBS&G, 20/09/23</p> <p>SBT St Marys Station Validation Report, TTMP, 07/09/23 and Site Audit Report and Site Audit Statement, Ramboll 16/02/24</p> <p>SCAW CPBUI DSI Tracker, 24/01/24, plus sample of DSIs from Douglas Partners (various dates)</p> <p>SCAW RAP for AEC43, Douglas Partners, 07/12/22 and SAR and Section B SAS AEC43, Senversa, 07/05/23</p> <p>SCAW RAP for AEC35, Douglas Partners, March 2023 and SAR and Section B SAS AEC35, Senversa, 09/05/23</p> <p>SCAW RAP for AEC36, Douglas Partners, July 2023 and SAR and Section B SAS AEC36, Senversa, 28/07/23</p> <p>SCAW RAP for PS105 (encapsulation area), Douglas Partners, and IAA from Senversa providing initial acceptance of the RAP, 22/12/23</p> <p>SCAW RAP 31A, Douglas Partners 07/12/23 and IAA from Senversa providing initial acceptance of the RAP, 06/02/24.</p>	<p>SBT Observation: SBT's Aerotropolis and St Marys remediation works have been completed and a Validation Report, Site Audit Report and Site Audit Statements issued.</p> <p>The Auditor requested copies of the Site Audit Statements for both sites. Section B Site Audit Statements (not Section A) were provided.</p> <p>SBT have handed the Aerotropolis and St Marys sites over to SSTOM for ongoing construction. Submission of documents relating to contamination are proposed to be submitted to the identified stakeholders prior to operations.</p> <p>SCAW validation reports will be prepared prior to the handover of the sites and following completion of validation.</p> <p>The Auditor is not aware of remediation being required for FSM.</p> <p>Construction is ongoing.</p>	NT
E97	<p>A copy of Detailed Site Investigation Report(s), Remedial Action Plan(s), Validation Report(s), Site Audit Report(s) and Site Audit Statement(s) must be submitted to the Planning Secretary and the Relevant Council(s) for information</p>	Applicable	Applicable	Not Applicable	<p>SBT interview 07-08/02/24</p> <p>SCAW interview 09-12/02/24</p>	<p>There is no timing identified for this requirement. SBT and SCAW are of the view that this information would be sent once, following receipt of the Site Audit Reports and Site Audit Statements and before operations.</p>	NT
E98	<p>An Unexpected Contaminated Land and Asbestos Finds Procedure must be prepared before the commencement of construction and must be followed should unexpected contaminated land or asbestos (or suspected contaminated land or asbestos) be excavated or otherwise discovered during construction</p>	Applicable	Applicable	Applicable	<p>SBT interview 07-08/02/24</p> <p>SBT SWMP, 21/09/22 (Table 11)</p> <p>SBT Work Pack Aerotropolis, Site Establishment, 261087, Rev03</p> <p>SBT Project induction (no date) including information on sustainability, hold points, legal requirements, soil and water, contamination and spills, noise and vibration, flora and fauna, visual amenity, air quality, waste, heritage.</p> <p>Site inspection 06, 12, 13/02/24</p> <p>SBT Environmental Visual Guides C0239 (various)</p> <p>SBT Site Environmental plans (various)</p> <p>SCAW Soil and Water Management Plan, 04/10/2023 (Appendix C5)</p> <p>SCAW Project induction, Rev22 (covers air quality, contamination, biodiversity, heritage, unexpected finds (heritage and contam), spoil import, ERSED, noise and vibration, waste chemicals, spills, incidents and permits)</p> <p>Unexpected find notification SCAW to Sydney Metro, Blaxland Creek, 22/05/23</p> <p>Unexpected find notification SCAW to Sydney Metro, Elizabeth Drive, 15/11/22</p> <p>SCAW propellor online module (drone photos) 06/02/2024</p> <p>Site Establishment Management Plan, SSTOM Project Office (SPO), Built, 21/12/22 and 15/07/23(SPO SEMP)</p> <p>AEW FSM Construction Environmental Management Plan, Laing O'Rourke, 15/05/23</p> <p>Laing O'Rourke, Field View (checklist and inspection module), (online)</p> <p>FSM Possession Packs WE10 and WE21, covers noise and vibration, heritage, waste and stockpiling</p>	<p>SBT Unexpected Contaminated Land and Asbestos Finds Procedure is captured within Table 11 of the SBT SWMP. The Procedure has been communicated to the workforce through the relevant workpacks, site environment plans, visual guides. SBT are not aware of any circumstances of unexpected contamination finds during the audit period.</p> <p>The SCAW Unexpected Contaminated Land and Asbestos Finds Procedure is captured in Appendix C5 of the SWMP. The procedure has been communicated to the workforce. Correspondence between SCAW and Metro indicates that the unexpected find procedure has been enacted and followed during the audit period.</p> <p>The Sydney Metro unexpected finds procedure is included in the FSM CEMP. The requirements have been communicated to the workforce. AEW packages are not aware of any unexpected contamination finds during the audit period.</p>	C

E99	The Unexpected Contaminated Land and Asbestos Finds Procedure must be implemented throughout construction.	Applicable	Applicable	Applicable	<p>SBT interview 07-08/02/24</p> <p>SBT SWMP, 21/09/22 (Table 11)</p> <p>SBT Work Pack Aerotropolis, Site Establishment, 261087, Rev03</p> <p>SBT Project induction (no date) including information on sustainability, hold points, legal requirements, soil and water, contamination and spills, noise and vibration, flora and fauna, visual amenity, air quality, waste, heritage.</p> <p>Site inspection 06/02/24 and 13/02/24</p> <p>SBT Environmental Visual Guides C0239 (various)</p> <p>SBT Site Environmental plans (various)</p> <p>Sydney Metro to SBT Change Order #16, 30/11/23</p> <p>SCAW Soil and Water Management Plan, 04/10/2023 (Appendix C5)</p> <p>SCAW Project induction, Rev22 (covers air quality, contamination, biodiversity, heritage, unexpected finds (heritage and contam), spoil import, ERSED, noise and vibration, waste chemicals, spills, incidents and permits)</p> <p>Unexpected Finds Test Reports, Sydney Environmental Group, Blaxland Creek ACM 09/11/23 , SMF 10/11/23, Elizabeth Drive 12/01/24</p> <p>AEW FSM Construction Environmental Management Plan, Laing O'Rourke, 15/05/23</p> <p>Laing O'Rourke, Field View (checklist and inspection module), (online)</p> <p>FSM Possession Packs WE10 and WE21, covers noise and vibration, heritage, waste and stockpiling</p>	<p>SBT Unexpected Contaminated Land and Asbestos Finds Procedure is captured within Table 11 of the SBT SWMP. The Procedure has been communicated to the workforce through the relevant workpacks, site environment plans, visual guides. SBT are not aware of any circumstances of unexpected contamination finds during the audit period. SBT have not identified any unexpected finds during the audit period.</p> <p>SBT Observation from the fourth audit: Suspected asbestos containing material was identified at Orchard Hills (Lot 97) during the audit site inspection. SBT were in the process of preparing this portion of the site for handover to SSTOM. It is unclear whether the material was or was not asbestos, whether the unexpected finds procedure was enacted, nor whether this portion of the site had been subject to assessment and clearance. SBT advised that the DSI for this area is currently with the Contaminated Site Auditor to endorse. The draft DSI Report recommends that a RAP is not required due to the minor quantity of asbestos found, and that the Contaminated Site Auditor has provisionally agreed with this. When the DSI has been endorsed by the site auditor, Sydney Metro will instruct its contractor to carry out the DSI recommendation. The Auditor acknowledges the information provided by SBT but this does not preclude the need to enact the Unexpected Contaminated Land and Asbestos Finds Procedure where potential asbestos containing materials are encountered. At the time of writing the Report, the area had been cordoned off but not yet cleared. ** update at the fifth audit: On 30/11/23 Sydney Metro directed SBT to remediate Lot 97. SBT advise that remediation has commenced and validation is expected to be completed in March 2024 with a Site Audit Report / Site Audit Statement issued thereafter.</p> <p>The SCAW Unexpected Contaminated Land and Asbestos Finds Procedure is captured in Appendix C5 of the SWMP. The procedure has been communicated to the workforce. Correspondence between SCAW and Metro indicates that the unexpected find procedure has been enacted and followed during the audit period. All unexpected finds are now being directed to SP105 and this activity is identified in the SP105 RAP.</p> <p>The Sydney Metro unexpected finds procedure is included in the FSM CEMP. The requirements have been communicated to the workforce. AEW packages are not aware of any unexpected contamination finds during the audit period.</p>	C
Sustainability							
E100	A Sustainability Plan must be prepared to achieve an Infrastructure Sustainability Council of Australia (ISCA) Infrastructure Sustainability rating of +75 (Version 1.2) (or equivalent level of performance using a demonstrated equivalent rating tool) or a 5-Star Green Star rating (or equivalent level of performance using a demonstrated equivalent rating tool).	Applicable	Applicable	Applicable	<p>Sustainability Plan, Sydney Metro, January 2022</p> <p>Letter Sydney Metro to DPHI, 21/01/22</p> <p>DPHI post approval portal lodgement record 24/01/22</p> <p>Letter DPHI to Sydney Metro, 25/03/22 (acceptance of sustainability plan)</p>	<p>The Metro WSA wide Sustainability Plan was prepared and submitted in line with this condition and accepted by the Department on 25/03/22.</p>	C

E101	<p>The Sustainability Plan must be submitted to the Planning Secretary for information within six (6) months of the date of this approval and must be implemented throughout construction and operation.</p> <p>Note: Nothing in this condition prevents the Proponent from preparing separate Sustainability Strategies for the construction and operational stages of the CSSI.</p>	Applicable	Applicable	Applicable	<p>Sustainability Plan, Sydney Metro, January 2022</p> <p>Letter Sydney Metro to DPHI, 21/01/22</p> <p>DPHI post approval portal lodgement record 24/01/22</p> <p>Letter DPHI to Sydney Metro, 25/03/22 (acceptance of sustainability plan)</p> <p>Sydney Metro SBT Sustainability compliance tracker, Feb 24</p> <p>SBT Sustainability Plan, 16/01/24 (not yet approved by Metro)</p> <p>SBT Sustainability Design Report, 28/10/22 and 29/05/23</p> <p>SBT Sustainability Initiatives and Opportunity Register, current to 07/02/24</p> <p>SBT environmental inspection module (online)</p> <p>SBT Sustainability Dashboard, current as at 07/02/24</p> <p>SBT Quarterly Sustainability Report, 24/01/24</p> <p>SCAW Sustainability Plan, 04/10/22 and updated version dated 01/02/24</p> <p>SCAW Sustainability Design Report Stages 1 and 2, 16/02/23 and for Stage 3 19/03/23 (and updated revision, dated 24/01/24SCAW ISC Design Submission, (Appendix E of the Stage 3 Sustainability Design Report), and SCAW ISC Initiatives Register, (Appendix D of the Stage 3 Design Report and Sustainability Dashboard</p> <p>SCAW weekly environmental inspections (online)</p> <p>SCAW Monthly Progress Report, January 2024 and Sustainability dashboard (December)</p> <p>SCAW Quarterly Sustainability Report Q4 2023, issued 12/01/24 (including Appendices)</p> <p>SCAW Climate Change Risk Assessment Report, RPT-080301</p> <p>Auditee response to RF12, received 27/02/24</p> <p>Metro interview 01-13/02/24.</p> <p>FSM Sustainability Contractual Requirement Tracker (no date) note that it is too early for there to be evidence of implementation.</p> <p>FSM Sustainability Management Plan, Laing O'Rourke, 05/09/23</p>	<p>The Metro WSA wide Sustainability Plan was prepared and submitted in line with this condition and accepted by the Department on 25/03/22. AEW packages were scoped out of ISC requirement, however there are elements of the overarching Sustainability Plan that must be implemented by contractors. The overarching Sustainability Plan was passed on to the contractors for localization and implementation.</p> <p>SBT Sustainability Plan has been prepared to address this condition and is consistent with the WSA wide Sustainability Plan and the target of +75 rating. The Design Report documents the compliance with sustainability requirements. It has been determined that tunnel water cannot be reused due to high salinity. This, according to SBT, is unlikely to risk achieving the rating of +75. The Sustainability Initiatives and Opportunity Register identifies sustainability elements/categories, opportunities, benefits and status. There are ~84 initiatives that have been accepted or implemented to date and ~11 that have been deemed not feasible. The Sustainability Dashboard captures sustainability metrics. Inspections are occurring as per the Sustainability Plan. Construction is ongoing and design submissions are ongoing. The Project is targeting a design rating of 90 (as submitted in December 23).</p> <p>SBT Observation: There is disagreement between Sydney Metro and SBT (CPBG) as to whether SBT will achieve the non-potable water reuse target of 33% as set out in the Sydney Metro Sustainability Plan. This is primarily a result of the high salinity groundwater recovered during construction not being able to be treated by the treatment process adopted by SBT.</p> <p>Both Sydney Metro and SBT are currently awaiting the results of the Infrastructure Sustainability Design Rating third party verification to determine what % is agreed upon (to resolve this Technical Manual interpretation issue/disagreement).</p> <p>Sydney Metro are of the view that 'the most significant portion of potable and non-potable water use for the WSA project as a whole is associated with the construction and operation of the SSTOM project. Hence Sydney Metro is of the view that the Project's overall 33% water reuse target is not currently at risk.'</p> <p>The Auditor has not sighted the breakdown of non-potable water generation/reuse volumes across each package, but notes that the intrinsic salinity of the local groundwater means that suitable treatment must be adopted to ensure that the Sydney Metro WSA Project target reuse criteria of the of 33% can be met.</p> <p>SCAW Sustainability Plan has been prepared to address this condition and is consistent with the WSA wide Sustainability Plan and the target of +75 rating. The document was updated in early 2024. The updated version is under review by Sydney Metro. The Design Report documents the compliance with sustainability requirements. The Stage 3 Sustainability Design Report was updated in early 2024 (to account for design evolution and alignment with the IS Design Submission). According to the SCAW ISC Design Submission, the Project is targeting 94 points (well in excess of the 75). The response from ISC was pending at the time of the audit interviews. Initiatives Register identifies 76 initiatives, 56 are considered to have been implemented or in progress, 2 x under investigation, 12 x not implemented and 6 x not applicable.</p> <p>The Sustainability Quarterly Reports provided by each contractor assess their performance against the metrics set out in the overarching Sustainability Plan. Monthly Progress Reports from SCAW and SBT (to Metro) include key sustainability deliverables and state on how the contractors are performing. Quarterly Reports are also prepared by SBT and SCAW. These provide in depth details on how the packages are tracking against requirements.</p> <p>According to the auditees, FSM is not captured by ISC. Sustainability is managed via Transport's Sustainability Guidelines.</p>	C
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E102	<p>A Water Reuse Strategy must be prepared, which sets out options for the reuse of collected stormwater and groundwater during construction and operation. The Water Reuse Strategy must include, but not be limited to:</p> <ul style="list-style-type: none"> (a) evaluation of reuse options; (b) details of the preferred reuse option(s), including volumes of water to be reused, proposed reuse locations and/or activities, proposed treatment (if required), and any additional licences or approvals that may be required; (c) measures to avoid misuse of recycled water as potable water; (d) consideration of the public health risks from water recycling; and (e) time frame for the implementation of the preferred reuse option(s). <p>The Water Reuse Strategy must be prepared based on best practice and advice sought from relevant agencies, as required. The Strategy must be applied during construction.</p> <p>Justification must be provided to the Planning Secretary if it is concluded that no reuse options prevail.</p> <p>A copy of the Water Reuse Strategy must be made publicly available.</p> <p>Note: Nothing in this condition prevents the Proponent from preparing separate Water Reuse Strategies for the construction and operational stages of the CSSI.</p>	Applicable	Applicable	Applicable	<p>SBT interview 07-08/02/24</p> <p>SBT Water Reuse Strategy, 29/07/22</p> <p>https://cimicdigital-cdn.azureedge.net/-/media/projects/cimic/cpb/pdfs/environmental-materials/sydney-metro-western-sydney-airport-sbt/other-documents/smwsasbt-cpg-1nl-nl000-wa-rpt-000001_water-re-use-strategy_accessible.pdf?la=en</p> <p>Site inspection 06/02/2024 and 13/02/24</p> <p>SMWSA SSI10051_IA3_Request for Information_SBT_Rev1.1DRAFT_EF, 23/02/23 (SBT response to Auditor request for information)</p> <p>Email, SBT to SBT 02/09/22 (commentary on procurement of rainwater tanks).</p> <p>SCAW Water Reuse Strategy, 30/08/22</p> <p>https://cimicdigital-cdn.azureedge.net/-/media/projects/cimic/cpb/pdfs/environmental-materials/wsa_scaw/other-documents/water-reuse.pdf?la=en</p> <p>SCAW interview 09-12/02/24</p> <p>SCAW Sustainability Design Report Stages 1 and 2, 16/02/23 and for Stage 3 19/03/23 (and updated revision, dated 24/01/24SCAW ISC Design Submission, (Appendix E of the Stage 3 Sustainability Design Report), and SCAW ISC Initiatives Register, (Appendix D of the Stage 3 Design Report and Sustainability Dashboard</p> <p>AEW FSM Construction Environmental Management Plan, Laing Orouke, 15/05/23 (includes Water Reuse Plan)</p>	<p>SBT had developed the Water Reuse strategy and it was posted on the contractor website. The Strategy addresses the requirements from this condition. Sediment basins are in place to reuse water. Due to the wet weather, water demand has been below average. It is noted that salinity of groundwater and selected treatment option means that groundwater reuse in tunnelling is not feasible.</p> <p>SBT Observation from the third audit: SBTs preparatory construction commenced in April 2022, and main construction commenced in November 2022. The Water Reuse Strategy was finalised in July 2022 and, whilst there is no timing on the installation of rainwater harvesting, SBT had still not installed rain water harvesting on site sheds (due to changing configurations of crib shed layouts). Therefore, this element of the Water Reuse Strategy was considered not to have been implemented. ****update from the fifth audit: SBT advise that there is now no intention to implement rainwater harvesting on site sheds.</p> <p>SCAW had developed the Water Reuse strategy and it was posted on the contractor website. The Strategy addresses the requirements from this condition. The main source of water will be site won (from basins, depressions and potentially local water bodies). Rainwater tanks are not being used but surface water runoff is being captured in basins for reuse. Reuse of site won water has been occurring on site (67ML since commencement).</p> <p>According to the approved staging report, no other active AEW packages require a Water reuse Strategy. That being said, AEW FSM Water Reuse Strategy is appended to the CEMP (and therefore subject to ER endorsement). The ER has required that the Water Reuse Strategy be updated to address the requirement of E102. This is pending.</p>	C
Traffic and Transport							

E103	<p>Construction Traffic Management Plans (CTMPs) must be prepared in accordance with the Construction Traffic Management Framework. A copy of the CTMPs must be submitted to the Planning Secretary for information before the commencement of any construction in the area identified and managed within the relevant CTMP.</p>	Applicable	Applicable	Applicable	<p>Overarching Construction Traffic Management Plan, Rev C, 24/01/22</p> <p>Letter DPHI to Sydney Metro, 18/02/22 (approval of overarching Construction Traffic Management Plan)</p> <p>SBT interview 07-08/02/24</p> <p>SBT Overarching Construction Traffic Management Plan, 16/06/22 (CTMP) and SBT CTMP Aerotropolis 09/06/22, SBT CTMP Bringelly 02/06/22, SBT CTMP Claremont Meadows 15/06/22, SBT CTMP St Marys Site Estab (revised August 23), SBT CTMP Geotech Scope North 05/04/23, SBT CTMP Orchard Hills Site Estab 27/06/22, SBT CTMP St Marys Demolition 27/06/22, SBT CTMP Orchard Hills Operations Sep 22</p> <p>Letter DPHI to Sydney Metro, 16/12/21 (acknowledgement of receipt of St Marys CTMP)</p> <p>Letter DPHI to Metro, 06/12/22 (approval of overarching SBT CTMP 16/06/22, Geotech Scope North 14/09/22, Aerotropolis 09/06/22, Bringelly 02/06/22, Claremont Meadows 15/06/22, Orchard Hills Site Estab 05/07/22, Orchard Hills Operations Sep 22)</p> <p>Letter DPHI to Metro (SSI-10051-PA-98), approval of local roads (HVLr) at St Marys, plus acknowledgement of receipt of CTMP for St Marys Demolition.</p> <p>SCAW Overarching Construction Traffic Management Plan 29/09/22 (CTMP), SCAW CTMP Paton's Lane 28/09/22, SCAW CTMP Elizabeth Drive 17/10/22, SCAW CTMP Luddenham Road Gate 3 28/09/23, CTMP Lansdowne Road Gate 1 13/10/23, CTMP Luddenham Road Gates 4&5 04/05/23, CTMP Badgerys Creek Road Gate 9 18/04/23, CTMP Luddenham Road Roundabout and Viaduct Construction 15/01/24, CTMP Patons Lane (Viaduct) 09/02/24</p> <p>DPHI post approval portal lodgment, 16/09/22 (submission of SCAW Overarching CTMP)</p> <p>Letter DPHI to Sydney Metro, 19/09/22 (DPHI acknowledgment of the SCAW Overarching CTMP)</p> <p>DPHI post approval portal, 14/10/22 (submission of Elizabeth Drive CTMP) note works commenced in middle of October (after PCEMP)</p> <p>DPHI post approval portal, 19/01/23 (submission of Luddenham Road CTMP) note works commenced in February 2023</p> <p>DPHI post approval portal, 26/09/23 (submission of Paton's Lane Road CTMP) note works commenced in middle of October 2022 (after PCEMP).</p> <p>DPHI post approval portal, 28/03/23 (submission of Luddenham Road Gates 4&5 CTMP)</p> <p>DPHI post approval lodgement, 05/04/23 (notification of non-compliance on the delayed submission of Luddenham Road Gates 4&5 CTMP)</p> <p>DPHI post approval portal, 28/03/23 (submission of Lansdowne Road Gate 1 CTMP) note works at this location have yet to commence</p> <p>DPHI post approval portal, 27/04/23 (submission Badgerys Creek Road Gate 9 CTMP) note works commenced at this location in April 2023.</p> <p>DPHI post approval portal, 02/08/23 (submission of Luddenham Road Roundabout Construction CTMP) note works at this location have yet to commence.</p>	<p>SBT has one overarching CTMP and eight site level CTMPs. SCAW has one overarching and six local CTMPs. FSM has one CTMP. All of the CTMPs identify the requirements from the CTMF. Once prepared each CTMP goes to Metro, TfNSW and Council for comment. Once comments are addressed it is sent for approval by TfNSW CJP. Once approved by TfNSW CJP the document is sent to the Department and published online.</p> <p>Based on the dates of the CTMPs and the correspondence from the Department, submission of each was completed prior to commencement of the relevant works. Updates were not resubmitted to the Department, but still go through reviews with CJP, Council, Metro etc.</p> <p>TGSs accompany the CTMPs. The sites were set up as per the TGSs during the audit site inspection and the ER has not identified any compliance issues with their implementation. Inspection and actions registers indicate that inspections / surveys are being conducted and deficiencies are being identified and actioned. Implementation of the SCAW and SBT CTMPs is evidenced through synergy action tracking.</p> <p>Note that an update to the SBT St Marys Site Establishment CTMP was completed in August 23 (within the current audit period) after DPHI July 23 approval of the St Marys HVLr (refer E106). The SBT traffic manager advises that St Marys is the only site that modified existing traffic arrangements and this site was handed over to SSTOM in October 23.</p> <p>Two SCAW CTMPs are undergoing updates (- CTMP Luddenham Road Roundabout and Viaduct Construction 15/01/24 and CTMP Patons Lane (Viaduct) 09/02/24), but have yet to be submitted to the Department. The relevant works have not yet commenced.</p> <p>FSM updated the CTMP in response to the Department's approval of the MAF HVLr.</p> <p>The Auditor notes that he does not have experience or technical knowledge in traffic.</p>	C
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E104	The locations of all Heavy Vehicles used for spoil haulage must be monitored in real time and the records of monitoring be made available electronically to the Planning Secretary and the EPA upon request for a period of no less than one (1) year following the completion of construction	Applicable	Applicable	Applicable	<p>SBT interview 07-08/02/24</p> <p>SBT Virtual Superintendent (online tracking module)</p> <p>Daily allocations from spoil haulage subcontractors to SBT (issued daily, identifying truck rego's, material types and source, and spoil disposal sites).</p> <p>SCAW interview 09-12/02/24</p> <p>SCAW Virtual Superintendent (online tracking module)</p>	<p>Both SBT and SCAW operate an online tool with real-time GPS tracking of all spoil trucks. The system uses geofencing to identify if a truck has left the approved routes. The system alerts the traffic team of speeding, braking, fatigue and departure from approved routes. Neither SBT nor SCAW are aware of any breaches of the geofencing in the audit period. The auditees are not aware of any requests of monitoring data from the Department or EPA during the audit period.</p> <p>Spoil haulage is not required for FSM.</p>	C
E105	Local roads proposed to be used by Heavy Vehicles to directly access ancillary facilities / construction sites that are not identified in the documents listed in Condition A1 must be approved by the Planning Secretary and be included in the CTMP.	Applicable	Applicable	Applicable	<p>SBT interview 07-08/02/24</p> <p>SBT Virtual Superintendent (online tracking module)</p> <p>Daily allocations from spoil haulage subcontractors to SBT (issued daily, identifying truck rego's, material types and source, and spoil disposal sites).</p> <p>SBT Heavy Vehicle Local Road Report, 29/07/22</p> <p>Heavy Vehicles on Local Roads Request for the St Marys Station Box Works, Rev B.01, 15/06/222</p> <p>Letter DPHI to Metro (SSI-10051-PA-98), approval of local roads (HVLR) at St Marys, plus acknowledgement of receipt of CTMP for St Marys Demolition</p> <p>SBT HVLR Report, 05/07/23 (St Marys)</p> <p>Letter DPHI to Sydney Metro, 10/07/23 (approval of St Marys HVLR).</p> <p>Site inspection 06, 12, 13/02/24</p> <p>SCAW interview 09-12/02/24</p> <p>SCAW Overarching Construction Traffic Management Plan 29/09/22 (CTMP), SCAW CTMP Paton's Lane 28/09/22, SCAW CTMP Elizabeth Drive 17/10/22, SCAW CTMP Luddenham Road Gate 3 28/09/23, CTMP Lansdowne Road Gate 1 13/10/23, CTMP Luddenham Road Gates 4&5 04/05/23, CTMP Badgerys Creek Road Gate 9 18/04/23, CTMP Luddenham Road Roundabout and Viaduct Construction 15/01/24, CTMP Patons Lane (Viaduct) 09/02/24</p> <p>SCAW Virtual Superintendent (online tracking module)</p> <p>AEW FSM HVLR, Laing O'Rourke, 07/12/23 (MAF HVLR)</p> <p>Letter DPHI to Sydney Metro, 13/12/23 (approval of AEW FSM St Marys HVLR).</p>	<p>SBT operates an online tool with real-time GPS tracking of all spoil trucks. The system uses geofencing to identify if a truck has left the approved routes. The system alerts the traffic team of speeding, braking and departure from approved routes. The SBT Traffic Manager states that instances whereby trucks leave the geofencing and entering a local road is considered a non-conformance. A Heavy Vehicle Local Road approval was obtained for St Marys prior to use of local roads in that location and it was updated during the audit period. The updated HVLR was also approved by the Department. The updates St Marys CTMP (*capturing the July HVLR) is going around for stakeholder review at the time of the audit interviews.</p> <p>SCAW are not using any local roads that are not already identified in the EIS. All the routes are included in the CTMPs. SCAW are not aware of any instances of trucks using routes not in the CTMPs.</p> <p>AEW FSM developed an HVLR for the use of local roads around St Marys for the purposes of accessing MAFs during possession works. This was described in the HVLR and was conditionally approved by DPHI on 13/12/23. The DPHI put limits as follows: Accordingly, as nominee of the Planning Secretary, I approve the following under condition E105 of SSI 10051:</p> <ol style="list-style-type: none"> 1. Use of the local roads identified in Figure 4 of HVLR Report, by heavy vehicles, for a maximum of 3 rail corridor possessions, or a maximum 6-month timeframe, from the date of this approval letter (whichever occurs first). 2. A maximum of 10 heavy vehicle movements per day, as specified in Table 2 of the HVLR Report, for the local roads identified in Figure 4 of the HVLR Report 	C

E106	<p>All requests to the Planning Secretary for approval to use local roads under Condition E105 above must include the following:</p> <p>(a) a swept path analysis;</p> <p>(b) demonstration that the use of local roads by Heavy Vehicles for the CSSI will not compromise the safety of pedestrians and cyclists of the safety of two-way traffic flow on two-way roadways;</p> <p>(c) details as to the date of completion of the road dilapidation surveys for the subject local roads; and</p> <p>(d) measures that will be implemented to avoid where practicable the use of local roads past schools, aged care facilities and child care facilities during their peak operation times; and</p> <p>(e) written advice from an appropriately qualified professional on the suitability of the proposed Heavy Vehicle route which takes into consideration items (a) to(d) of this condition.</p>	Applicable	Applicable	Applicable	<p>SBT Heavy Vehicle Local Road Report, 29/07/22</p> <p>Letter DPHI to Metro (SSI-10051-PA-98), approval of local roads at St Marys.</p> <p>SBT Overarching Construction Traffic Management Plan, 16/06/22 (CTMP) and SBT CTMP Aerotropolis 09/06/22, SBT CTMP Bringelly 02/06/22, SBT CTMP Claremont Meadows 15/06/22, SBT CTMP St Marys Site Estab (revised August 23), SBT CTMP Geotech Scope North 05/04/23, SBT CTMP Orchard Hills Site Estab 27/06/22, SBT CTMP St Marys Demolition 27/06/22, SBT CTMP Orchard Hills Operations Sep 22</p> <p>SBT HVLR Report, 05/07/23 (St Marys)</p> <p>Letter DPHI to Sydney Metro, 10/07/23 (approval of St Marys HVLR).</p> <p>SCAW interview 09-12/02/24</p> <p>SCAW Overarching Construction Traffic Management Plan 29/09/22 (CTMP), SCAW CTMP Paton's Lane 28/09/22, SCAW CTMP Elizabeth Drive 17/10/22, SCAW CTMP Luddenham Road Gate 3 28/09/23, CTMP Lansdowne Road Gate 1 13/10/23, CTMP Luddenham Road Gates 4&5 04/05/23, CTMP Badgerys Creek Road Gate 9 18/04/23, CTMP Luddenham Road Roundabout and Viaduct Construction 15/01/24, CTMP Patons Lane (Viaduct) 09/02/24</p> <p>SCAW Virtual Superintendent (online tracking module)</p> <p>AEW FSM HVLR, Laing O'Rourke, 07/12/23 (MAF HVLR)</p> <p>Letter DPHI to Sydney Metro, 13/12 23 (approval of AEW FSM St Marys HVLR).</p>	<p>SBT Heavy Vehicle Local Road Report was prepared and was included the information from this condition was included. The Heavy Vehicle Local Road approval was obtained for St Marys prior to use of local roads in that location. All other roads were already identified in the EIS. St Marys has now been handed to SSTOM.</p> <p>SCAW are not using any local roads that are not already identified in the EIS. All the routes are included in the CTMPs. SCAW are not aware of any instances of trucks using routes not in the CTMPs.</p> <p>AEW FSM developed an HVLR for the use of local roads around St Marys for the purposes of accessing MAFs during possession works. This was described in the HVLR and was conditionally approved by DPHI on 13/12/23. The DPHI put limits as follows: Accordingly, as nominee of the Planning Secretary, I approve the following under condition E105 of SSI 10051:</p> <ol style="list-style-type: none"> 1. Use of the local roads identified in Figure 4 of HVLR Report, by heavy vehicles, for a maximum of 3 rail corridor possessions, or a maximum 6-month timeframe, from the date of this approval letter (whichever occurs first). 2. A maximum of 10 heavy vehicle movements per day, as specified in Table 2 of the HVLR Report, for the local roads identified in Figure 4 of the HVLR Report 	C
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E107	<p>Before any local road is used by a Heavy Vehicle for the purposes of construction of the CSSI, a Road Dilapidation Report must be prepared for the road. A copy of the Road Dilapidation Report must be provided to the Relevant Road Authority(s) within three (3) weeks of completion of the survey and at no later than one (1) month before the road being used by Heavy Vehicles associated with the construction of the CSSI.</p>	Applicable	Applicable	Applicable	<p>SBT interview 07-08/02/24</p> <p>SBT Road dilapidation Surveys 8/07/22 by Pavement Management Services provided Penrith City Council on 11/07/22 and PCC accepted it on 9/8/22</p> <p>SBT Focus Dilapidation Report, Glossip Street and Lansdowne Road, Pavement Management Services, 11/11/22, and email from Sydney Metro to SBT dated 18/01/23 confirming Penrith City Council had no comments on the documents.</p> <p>SBT WSA Dilapidation report, 08/07/22, CPBG</p> <p>AEW Preconstruction Dilapidation Report for Liverpool City Council, 20/12/21 (dilap for power supply and local roads in the Liverpool City Council)</p> <p>AEW Preconstruction Dilapidation Report for Penrith City Council, 20/12/21 (dilap for power supply and local roads in the Liverpool City Council)</p> <p>AEW Dilapidation Reports for Phillip and Lethbridge Streets, East Lane, Gidley Street, Glossop Street, Nariel Street, Queen Street, Station Street, Effective Building & Consultancy, various dates</p> <p>AEW St Marys Dilapidation Investigation Register, TfNSW, dated 05/12/2021 (and accompanying dilapidation reports)</p> <p>AEW Letter TfNSW to Council, 28/09/21 and 04/02/22 (submission of road design and confirmation of road authority designation)</p> <p>Road Condition Report, ARRB, 01/12/22 (SCAW wide)</p> <p>Paton's Lane Road Dilapidation Report, CPBUI, 15/08/22 (and email Metro to Penrith City Council, 17/08/22)</p> <p>AEW FSM preconstruction dilapidation reports, Harris Street, Roundabout, Queen Street Phillip Street, Bus terminal, TAP3 Roads (various dates) and submission to Penrith City Council.</p>	<p>A number of dilapidation reports for roads around St Marys were completed by AEW prior to SBT. Refer to audit reports 1 and 2 for dilapidation reports for AEW works conducted during earlier audit periods.</p> <p>Road Dilapidation Reports for SBT (where not already completed by AEW) were prepared for the local road to be used and were provided to the Council. These reports were all encompassing of the surrounding area.</p> <p>SCAW Road Dilapidation Reports for local roads (one of) was prepared and submitted to Council in August 2022, which was prior to construction for the local roads to be used.</p> <p>AEW Water, AEW FSM and AEW SPO prepared dilapidation reports and submitted these to the relevant parties.</p>	C
E108	<p>If damage to roads occurs as a result of the construction of the CSSI, the Proponent must either (at the Relevant Road Authority's discretion):</p> <p>(a) compensate the Relevant Road Authority for the damage so caused; or</p> <p>(b) rectify the damage to restore the road to at least the condition it was in pre-work as identified in the Road Dilapidation Report.</p>	Applicable	Applicable	Applicable	<p>Email SBT to Road and Rail, July 2023 (remediation works on Phillip Street)</p> <p>Email Sydney Metro and SBT, 25/07/23 (remediation work planning for Old Gipps Street).</p> <p>Email chain, SBT, Metro and PCC, November 23 (status of repairs on Phillip Street)</p> <p>SCAW Luddenham Road Repair works tracker, 2024</p> <p>SMWSA and PCC Meeting Minutes, 18/09/23 and 24/11/23</p>	<p>The Auditor notes the road dilapidation reports identified in E107 which has assessed the condition of local roads being used by Heavy Vehicles. Any pre-existing damage has been recorded. Construction is ongoing.</p> <p>SBT have identified various locations of damage as a result of project works. or each SBT have commissioned repairs to be undertaken. Repairs were sighted at Phillip Street St Marys during the fourth audit site inspection (these were undertaken in November 23, with some outstanding actions still to be completed). SBT post construction road dilapidation process has commenced for portions of the site handed over to SSTOM / Sydney Metro.</p> <p>SCAW Observation: According to the SCAW auditees, it was noted that Council had concerns over damage to Luddenham Road, and that after some time Council proceeded with rectification works.</p> <p>SCAW advised that it maintains a Luddenham Road Condition and Repair Register, detailing road degradation and works in the area / upcoming repair works. This information is communicated with Sydney Metro who manage the correspondence with Penrith City Council. Sydney Metro hold a fortnightly interface meeting between the Sydney Metro - Western Sydney Airport project management team and Penrith City Council. This forum allows for topic such as concerns over damage to Luddenham Road to be discussed.</p> <p>It is not clear from the information sighted whether the damage to Luddenham Road has been caused (or exacerbated) by heavy vehicles from SCAW nor whether compensation from Sydney Metro WSA for damage to the road is warranted.</p>	C

E109	<p>Vehicles associated with the project workforce (including light vehicles and Heavy Vehicles) must be managed to:</p> <ul style="list-style-type: none"> (a) minimise parking on public roads; (b) minimise idling and queueing on state and regional roads; (c) not carry out marshalling of construction vehicles near sensitive land use(s); (d) not block or disrupt access across pedestrian or shared user paths at any time unless alternate access is provided; and (e) ensure spoil haulage vehicles adhere to the nominated haulage routes identified in the CTMP. 	Applicable	Applicable	Applicable	<p>ER Monthly Reports for August to December 2023</p> <p>SBT Virtual Superintendent (online tracking module)</p> <p>SBT Overarching Construction Traffic Management Plan, 16/06/22 (CTMP) and SBT CTMP Aerotropolis 09/06/22, SBT CTMP Bringelly 02/06/22, SBT CTMP Claremont Meadows 15/06/22, SBT CTMP St Marys Site Estab (revised August 23), SBT CTMP Geotech Scope North 05/04/23, SBT CTMP Orchard Hills Site Estab 27/06/22, SBT CTMP St Marys Demolition 27/06/22, SBT CTMP Orchard Hills Operations Sep 22</p> <p>SCAW Overarching Construction Traffic Management Plan 29/09/22 (CTMP), SCAW CTMP Paton's Lane 28/09/22, SCAW CTMP Elizabeth Drive 17/10/22, SCAW CTMP Luddenham Road Gate 3 28/09/23, CTMP Lansdowne Road Gate 1 13/10/23, CTMP Luddenham Road Gates 4&5 04/05/23, CTMP Badgerys Creek Road Gate 9 18/04/23, CTMP Luddenham Road Roundabout and Viaduct Construction 15/01/24, CTMP Patons Lane (Viaduct) 09/02/24</p> <p>AEW FSM CTMP, Laing Orourke, 06/11/23 (prev version was submitted to DPHI).</p> <p>Site inspection 06, 09, 13/02/24</p> <p>Complaints register current to 29/02/24</p>	<p>SBT and SCAW operates an online tool with real-time GPS tracking of all spoil trucks. The system uses geofencing to identify if a truck has left the approved routes. The system alerts the controller of speeding, marshalling, braking, fatigue and departure from approved routes.</p> <p>The CTMPs identify parking and internal traffic movements to prevent parking and idling, marshalling external to the site.</p> <p>Several complaints were received regarding parking, but these do not indicate a contravention of the CTMPs / conditions as due to their contributing factors (e.g. breakdown of plant) or transience.</p> <p>Refer A2 with respect to SBT trucks queuing and parking on Lansdowne Road..</p>	C
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E110	Access to all utilities and properties must be maintained during works, unless otherwise agreed with the relevant utility owner, landowner or occupier.	Applicable	Applicable	Applicable	<p>ER Monthly Reports for August 2023 – January 2024</p> <p>Site inspection 06, 09, 13/02/24</p> <p>Complaints register current to 29/02/24</p> <p>SBT Virtual Superintendent (online tracking module)</p> <p>SBT Overarching Construction Traffic Management Plan, 16/06/22 (CTMP) and SBT CTMP Aerotropolis 09/06/22, SBT CTMP Bringelly 02/06/22, SBT CTMP Claremont Meadows 15/06/22, SBT CTMP St Marys Site Estab (revised August 23), SBT CTMP Geotech Scope North 05/04/23, SBT CTMP Orchard Hills Site Estab 27/06/22, SBT CTMP St Marys Demolition 27/06/22, SBT CTMP Orchard Hills Operations Sep 22</p> <p>SBT Sydney Water design, protection and diversion documents, Phillip St, Station Street Lansdowne Road, Kent Road Sydney Water CASE198458PW, CASE190778PW, CASE198747PW, CASE190695PW</p> <p>SBT Telstra (non-contestable) comms protection, diversion and permanent design documents, Kent Road, Phillip St and Station Road.</p> <p>SBT Lansdowne Road bridgework TGS, within Orchard Hills Operations CTMP.</p> <p>SCAW Overarching Construction Traffic Management Plan 29/09/22 (CTMP), SCAW CTMP Paton's Lane 28/09/22, SCAW CTMP Elizabeth Drive 17/10/22, SCAW CTMP Luddenham Road Gate 3 28/09/23, CTMP Lansdowne Road Gate 1 13/10/23, CTMP Luddenham Road Gates 4&5 04/05/23, CTMP Badgerys Creek Road Gate 9 18/04/23, CTMP Luddenham Road Roundabout and Viaduct Construction 15/01/24, CTMP Patons Lane (Viaduct) 09/02/24</p> <p>Email Water NSW and SCAW, 28/11/22</p> <p>Water NSW Early Works Access Licence, 19/09/22 (access to Water NSW corridor)</p> <p>Email TransGrid to SCAW, 12/12/22 (consultation on works near towers 632 and 633)</p> <p>AEW FSM CTMP, Laing Orouke, 06/11/23 (prev version was submitted to DPHI).</p>	<p>SBT and SCAW operate an online tool with real-time GPS tracking of all spoil trucks. The system uses geofencing to identify if a truck has left the approved routes. The system alerts the controller of speeding, marshalling, braking, fatigue and departure from approved routes.</p> <p>The CTMPs identify parking and internal traffic movements to prevent parking and idling, marshalling external to the site and recognise that access must be maintained.</p> <p>Agreement has been obtained from Water NSW when SCAW are working in their corridor. No issues have been observed on site, noting the sites are relatively isolated from other properties and utilities.</p> <p>Evidence was provided demonstrating protection / support for services potentially affected by SBT and SCAW. Refer E82.</p> <p>The auditees are not aware of any disruptions during the audit period.</p>	C
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E111	The Proponent must maintain access to properties during the entirety of works unless an alternative access is agreed in writing with the landowner(s) whose access is impacted by the CSSI works.	Applicable	Applicable	Applicable	<p>ER Monthly Reports for August 2023 – January 2024</p> <p>Site inspection 06, 09, 13/02/24</p> <p>Complaints register current to 29/02/24</p> <p>SBT interview 07-08/02/24</p> <p>SBT Virtual Superintendent (online tracking module)</p> <p>SBT Overarching Construction Traffic Management Plan, 16/06/22 (CTMP) and SBT CTMP Aerotropolis 09/06/22, SBT CTMP Bringelly 02/06/22, SBT CTMP Claremont Meadows 15/06/22, SBT CTMP St Marys Site Estab (revised August 23), SBT CTMP Geotech Scope North 05/04/23, SBT CTMP Orchard Hills Site Estab 27/06/22, SBT CTMP St Marys Demolition 27/06/22, SBT CTMP Orchard Hills Operations Sep 22</p> <p>SBT Sydney Water design, protection and diversion documents, Phillip St, Station Street Lansdowne Road, Kent Road Sydney Water CASE198458PW, CASE190778PW, CASE198747PW, CASE190695PW</p> <p>SBT Telstra (non-contestable) comms protection, diversion and permanent design documents, Kent Road, Phillip St and Station Road.</p> <p>SBT Lansdowne Road bridgework TGS, within Orchard Hills Operations CTMP.</p> <p>SCAW Overarching Construction Traffic Management Plan 29/09/22 (CTMP), SCAW CTMP Paton's Lane 28/09/22, SCAW CTMP Elizabeth Drive 17/10/22, SCAW CTMP Luddenham Road Gate 3 28/09/23, CTMP Lansdowne Road Gate 1 13/10/23, CTMP Luddenham Road Gates 4&5 04/05/23, CTMP Badgerys Creek Road Gate 9 18/04/23, CTMP Luddenham Road Roundabout and Viaduct Construction 15/01/24, CTMP Patons Lane (Viaduct) 09/02/24</p> <p>Email Water NSW and SCAW, 28/11/22</p> <p>Water NSW Early Works Access Licence, 19/09/22 (access to Water NSW corridor)</p> <p>Email TransGrid to SCAW, 12/12/22 (consultation on works near towers 632 and 633)</p> <p>AEW FSM CTMP, Laing Orourke, 06/11/23 (prev version was submitted to DPHI).</p>	<p>SBT and SCAW operate an online tool with real-time GPS tracking of all spoil trucks. The system uses geofencing to identify if a truck has left the approved routes. The system alerts the controller of speeding, marshalling, braking, fatigue and departure from approved routes.</p> <p>The CTMPs identify parking and internal traffic movements to prevent parking and idling, marshalling external to the site and recognise that access must be maintained.</p> <p>Agreement has been obtained from Water NSW when SCAW are working in their corridor. No issues have been observed on site, noting the sites are relatively isolated from other properties and utilities.</p> <p>Evidence was provided demonstrating protection / support for services potentially affected by SBT and SCAW. Refer E82.</p>	C
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E112	Where construction of the CSSI restricts a property's access to a public road, the Proponent must, until their primary access is reinstated, provide the property with temporary alternate access to an agreed road decided through consultation with the landowner, at no cost to the property landowner, unless otherwise agreed with the landowner.	Applicable	Applicable	Applicable	<p>ER Monthly Reports for August 2023 – January 2024</p> <p>Site inspection 06, 09, 13/02/24</p> <p>Complaints register current to 29/02/24</p> <p>SBT Virtual Superintendent (online tracking module)</p> <p>SBT Overarching Construction Traffic Management Plan, 16/06/22 (CTMP) and SBT CTMP Aerotropolis 09/06/22, SBT CTMP Bringelly 02/06/22, SBT CTMP Claremont Meadows 15/06/22, SBT CTMP St Marys Site Estab (revised August 23), SBT CTMP Geotech Scope North 05/04/23, SBT CTMP Orchard Hills Site Estab 27/06/22, SBT CTMP St Marys Demolition 27/06/22, SBT CTMP Orchard Hills Operations Sep 22</p> <p>SBT Sydney Water design, protection and diversion documents, Phillip St, Station Street Lansdowne Road, Kent Road Sydney Water CASE198458PW, CASE190778PW, CASE198747PW, CASE190695PW</p> <p>SBT Telstra (non-contestable) comms protection, diversion and permanent design documents, Kent Road, Phillip St and Station Road.</p> <p>SBT Lansdowne Road bridgework TGS, within Orchard Hills Operations CTMP.</p> <p>SCAW Overarching Construction Traffic Management Plan 29/09/22 (CTMP), SCAW CTMP Paton's Lane 28/09/22, SCAW CTMP Elizabeth Drive 17/10/22, SCAW CTMP Luddenham Road Gate 3 28/09/23, CTMP Lansdowne Road Gate 1 13/10/23, CTMP Luddenham Road Gates 4&5 04/05/23, CTMP Badgerys Creek Road Gate 9 18/04/23, CTMP Luddenham Road Roundabout and Viaduct Construction 15/01/24, CTMP Patons Lane (Viaduct) 09/02/24</p> <p>Email Water NSW and SCAW, 28/11/22</p> <p>Water NSW Early Works Access Licence, 19/09/22 (access to Water NSW corridor)</p> <p>Email TransGrid to SCAW, 12/12/22 (consultation on works near towers 632 and 633)</p> <p>AEW FSM CTMP, Laing Orourke, 06/11/23 (prev version was submitted to DPHI).</p>	<p>SBT and SCAW operate an online tool with real-time GPS tracking of all spoil trucks. The system uses geofencing to identify if a truck has left the approved routes. The system alerts the controller of speeding, marshalling, braking, fatigue and departure from approved routes.</p> <p>The CTMPs identify parking and internal traffic movements to prevent parking and idling, marshalling external to the site and recognise that access must be maintained.</p> <p>The auditees are not aware of any activities regarding restriction of third party access.</p>	NT
E113	Any property access physically affected by the CSSI must be reinstated to at least an equivalent standard, unless otherwise agreed by the landowner or occupier. Property access must be reinstated within one (1) month of the work that physically affected the access is completed or in any other timeframe agreed with the landowner or occupier.	Applicable	Applicable	Applicable	<p>ER Monthly Reports for August 2023 – January 2024</p> <p>Site inspection 06, 09, 13/02/24</p> <p>Complaints register current to 29/02/24</p>	<p>SBT, SCAW, FSM are not aware of instances whereby property has been physically affected during the audit.</p> <p>The ER has not identified any compliance issue associated with this requirement.</p> <p>Refer to E108 regarding Luddenham Road.</p>	C

E114	<p>During construction, all reasonably practicable measures must be implemented to maintain pedestrian, cyclist and vehicular access to, and parking in the vicinity of, businesses and affected properties. Disruptions are to be avoided, and where avoidance is not possible, minimised. Where disruption cannot be avoided, alternative pedestrian, cyclist and vehicular access, and parking arrangements must be developed in consultation with affected businesses and landowners and implemented before the disruption. Adequate signage and directions to businesses must be provided before, and for the duration of, any disruption.</p>	Applicable	Applicable	Applicable	<p>Site inspection 06, 09, 13/02/24</p> <p>Complaints register current to 29/02/24</p> <p>SBT Overarching Construction Traffic Management Plan, 16/06/22 (CTMP) and SBT CTMP Aerotropolis 09/06/22, SBT CTMP Bringelly 02/06/22, SBT CTMP Claremont Meadows 15/06/22, SBT CTMP St Marys Site Estab (revised August 23), SBT CTMP Geotech Scope North 05/04/23, SBT CTMP Orchard Hills Site Estab 27/06/22, SBT CTMP St Marys Demolition 27/06/22, SBT CTMP Orchard Hills Operations Sep 22</p> <p>SCAW Overarching Construction Traffic Management Plan 29/09/22 (CTMP), SCAW CTMP Paton's Lane 28/09/22, SCAW CTMP Elizabeth Drive 17/10/22, SCAW CTMP Luddenham Road Gate 3 28/09/23, CTMP Lansdowne Road Gate 1 13/10/23, CTMP Luddenham Road Gates 4&5 04/05/23, CTMP Badgerys Creek Road Gate 9 18/04/23, CTMP Luddenham Road Roundabout and Viaduct Construction 15/01/24, CTMP Patons Lane (Viaduct) 09/02/24</p> <p>AEW FSM CTMP, Laing O'Rourke, 06/11/23 (prev version was submitted to DPHI).</p>	<p>With the exception of St Marys, SBT sites are relatively isolated from pedestrian, cyclist and vehicular access and parking. SBT is not aware of any works requiring obstruction to access. No obstructions were observed during the inspection.</p> <p>SCAW sites during the audit period are very isolated from pedestrian, cyclist and vehicular access and parking. CTMPs recognise that access must be maintained. Pedestrian, cyclist, vehicular access interfaces of risk. No complaints received regarding this requirement on SCAW during the audit period.</p> <p>FSM are not activities / sites that restrict access.</p> <p>The ER has not identified any non-compliances with this requirement.</p>	C
E115	<p>Safe pedestrian and cyclist access must be maintained around the St Marys construction site during construction. In circumstances where pedestrian and cyclist access is restricted or removed due to construction activities, a proximate alternate route which complies with the relevant standards, must be provided and signposted before the restriction or removal of the impacted access.</p>	Applicable	Not Applicable	Applicable	<p>SBT Overarching Construction Traffic Management Plan, 16/06/22 (CTMP) SBT CTMP St Marys Site Estab May 22 (revised Jan 23), SBT CTMP St Marys Demolition 27/06/22</p> <p>AEW FSM CTMP, Laing O'Rourke, 06/11/23 (prev version was submitted to DPHI).</p> <p>ER Monthly Reports for August 2023 – January 2024</p> <p>Complaints register current to 29/02/24</p>	<p>No issues observed. No non-compliances with this requirement identified by the auditees or ER during the audit period. No complaints received regarding access during the audit period.</p>	C
E116	<p>A Traffic and Transport Liaison Group(s) must be established in accordance with the Construction Traffic Management Framework to inform the development of CTMP.</p>	Applicable	Applicable	Applicable	<p>TTLG Terms of Reference SM-WSA-04/02/2022</p> <p>Sydney Metro WSA TTLG meeting minutes Aug 23 – Feb 24</p>	<p>The WSA TTLG has been established and meets monthly. It runs through any works that may impact on traffic and road safety. The group is made up of each contractor, Road Authority, Metro, emergency services, transport operators. Each contractor presents updates to CTMPs and works. According to the auditees there have not been any material disagreements over traffic management during the audit period. The next main matter of interest to participants is the TBM removal at St Marys, which will require the taking of parking on Queen Street and temporary occupation of the bus bays. These works have yet to commence.</p>	C
E117	<p>Supplementary analysis and modelling as required by TfNSW and / or the Traffic and Transport Liaison Group(s) must be undertaken to demonstrate that construction and operational traffic can be managed to minimise disruption to traffic network operations, including changes to and the management of pedestrian, bicycle and public transport networks, public transport services, and pedestrian and cyclist movements. Revised traffic management measures must be incorporated into the CTMP.</p> <p>Permanent road works included in the CSSI must be designed, constructed and operated with the objective of integrating with existing and proposed road and related transport networks and minimising adverse changes to the safety, efficiency and, accessibility of the network. Design and assessment of related traffic, parking, pedestrian and cycle accessibility impacts and changes shall be undertaken:</p> <ul style="list-style-type: none"> (a) in consultation with, and to the reasonable requirements of the relevant Traffic and Transport Liaison Group; (b) in consideration of existing and future demand, connectivity (in relation to permanent changes), performance and safety requirements; (c) to minimise and manage local area traffic impacts; (d) to, where possible and appropriate, retain or reinstate parking in St Marys; (e) to ensure access is maintained to property and infrastructure (f) to address relevant design, engineering and safety guidelines, including Austroads, Australian Standards and TfNSW requirements. <p>Copies of civil, structural and traffic signal design plans shall be submitted to the Relevant Road Authority for consultation during design development and before completion of construction of the CSSI.</p>	Applicable	Applicable	Applicable	<p>TTLG Terms of Reference SM-WSA-04/02/2022</p> <p>Sydney Metro WSA TTLG meeting minutes Aug 23 – Feb 24</p> <p>SBT Overarching Construction Traffic Management Plan, 16/06/22 (CTMP) and SBT CTMP Aerotropolis 09/06/22, SBT CTMP Bringelly 02/06/22, SBT CTMP Claremont Meadows 15/06/22, SBT CTMP St Marys Site Estab (revised August 23), SBT CTMP Geotech Scope North 05/04/23, SBT CTMP Orchard Hills Site Estab 27/06/22, SBT CTMP St Marys Demolition 27/06/22, SBT CTMP Orchard Hills Operations Sep 22</p> <p>SCAW Overarching Construction Traffic Management Plan 29/09/22 (CTMP), SCAW CTMP Paton's Lane 28/09/22, SCAW CTMP Elizabeth Drive 17/10/22, SCAW CTMP Luddenham Road Gate 3 28/09/23, CTMP Lansdowne Road Gate 1 13/10/23, CTMP Luddenham Road Gates 4&5 04/05/23, CTMP Badgerys Creek Road Gate 9 18/04/23, CTMP Luddenham Road Roundabout and Viaduct Construction 15/01/24, CTMP Patons Lane (Viaduct) 09/02/24</p> <p>AEW FSM CTMP, Laing O'Rourke, 06/11/23 (prev version was submitted to DPHI).</p>	<p>Supplementary analysis and modelling has been completed and incorporated into the CTMPs, or has not been deemed as being required by TfNSW / TTLG. The CTMPs identify how traffic can be managed in accordance with this requirement. The CTMPs go to Metro, TTLG, TfNSW and Council for comment. Once comments are addressed it is sent for approval by TfNSW CJP. Once approved by TfNSW CJP the document is sent to the Department.</p> <p>SBT, SCAW and FSM are not delivering any permanent road works.</p>	C

E118	<p>As part of Condition E117 the Traffic and Transport Liaison Group(s) is to identify opportunities to improve the intersection performance during operation at:</p> <p>(a) Queen Street/Great Western Highway/Mamre Road in St Marys;</p> <p>(b) Glossop Street/ Forrester Road in St Marys; and</p> <p>(c) Glossop Street / Great Western highway in St Marys. Identified improvements must be implemented prior to the commencement of operation.</p>	Applicable	Applicable	Applicable	<p>Staging Report, Sydney Metro, Rev 9.0, 05/05/23</p> <p>TTLG Terms of Reference SM-WSA-04/02/2022</p> <p>Sydney Metro WSA TTLG meeting minutes Aug 23 – Feb 24</p>	SBT, SCAW, FSM are not delivering any permanent road works.	NT
E119	<p>Permanent road works, including vehicular access, signalised intersection works, and works relating to pedestrians, cyclists, and public transport users must be subject to safety audits demonstrating consistency with relevant design, engineering and safety standards and guidelines. Safety audits must be prepared in consultation with the relevant Traffic and Transport Liaison Group before the completion and use of the subject infrastructure and must be made available to the Planning Secretary upon request.</p>	Applicable	Applicable	Applicable	<p>Staging Report, Sydney Metro, Rev 9.0, 05/05/23</p> <p>TTLG Terms of Reference SM-WSA-04/02/2022</p> <p>WSA TTLG meeting minutes monthly from Feb 23</p>	SBT, SCAW, FSM are not delivering any permanent road works.	NT
Utilities Management							
E120	<p>The CSSI must be designed and constructed with the objective of minimising impacts to, and interference with utilities infrastructure, and that such infrastructure and property is protected during construction. Utilities, services and other infrastructure potentially affected by construction must be identified before works affecting the item, to determine requirements for access to, diversion protection, and / or support. The relevant owner(s) and / or provider(s) of services must be consulted to make suitable arrangements for access to diversion, protection, and / or support of the affected infrastructure as required. The Proponent must ensure that disruption to any service is minimised and be responsible for advising local residents and businesses affected before any planned disruption of service.</p>	Applicable	Not Applicable	Applicable	<p>SBT Settlement and Predicted Impacts Report, 16/06/23</p> <p>SBT Utilities Design Report (various)</p> <p>SBT Sydney Water design, protection and diversion documents, Phillip St, Station Street Lansdowne Road, Kent Road Sydney Water CASE198458PW, CASE190778PW, CASE198747PW, CASE190695PW</p> <p>SBT Telstra (non-contestable) comms protection, diversion and permanent design documents, Kent Road, Phillip St and Station Road</p> <p>SBT Building Effects Report, 31/01/23 and Independent Certifier acceptance, 23/02/23</p> <p>SBT Settlement and Predicted Effects Report, 18/08/23 (and associated RFI on potential building impact on house overlying cross passage).</p> <p>SBT Instrument and Monitoring Report, 02/11/23</p> <p>Geosense WSA-SBT (online GIS based monitoring module)</p> <p>SBT to IPIAP Presentation, 30/01/24 (update to IPIAP on project progress, pre- and pos-construction surveys, damage claims (1 x under investigation), settlement monitoring (all within acceptable ranges)</p> <p>IPIAP Memos to SBT, and SBT responses, July 23 – February 24.</p> <p>Endeavour Energy letters of acceptance 02/08/22, 24/08/22, 23/09/22, 04/10/22</p> <p>SCAW CEMP, 04/11/22</p> <p>SCAW Work Pack, SMF Earthworks, Rev01</p> <p>Email Water NSW and SCAW, 28/11/22</p> <p>Water NSW Early Works Access Licence, 19/09/22 (access to Water NSW corridor)</p> <p>Email TransGrid to SCAW, 12/12/22 (consultation on works near towers 632 and 633)</p> <p>Pre-construction Condition Survey Report – Infrastructure (structures), CPBUI, 14/04/23</p> <p>Pre-construction Condition Survey Report – Infrastructure (utilities), CPBUI, 13/02/23</p> <p>Transport Access Program 3 Footbridge St Marys MCC, Utilities Management Plan, 20/03/23</p> <p>AEW Water utility location/investigation report (no date)</p> <p>Complaints register current to 29/02/24</p>	<p>SBT Settlement and Predicted Impacts Report assesses the predicted impacts on properties, utilities and services as a result of settlement. The Report identifies a range of properties and services along the alignment, but for all that have been assessed so far, the influence is not expected to adversely influence the service. The Utility Design Reports identify all utilities likely to be impacted during the works and the level / type of treatment required. Evidence shows that SBT has identified utilities that are potentially impacted and that utilities are being consulted with on impacts and necessary actions to manage impacts.</p> <p>The SCAW CEMP and Work Packs include guidance on the identification and management of services. This includes the requirement to complete DBYD investigations and (if anything identified) contact with service provider. To date SCAW has shown consultation with Water NSW and TransGrid. They are not aware of other services potentially affected during the audit period.</p> <p>The auditees are not aware of any disruptions during the audit period.</p>	C

E121	The proponent must consult with WaterNSW regarding design, construction and operational management where the proposal interacts with the Warragamba to Prospect Water Supply Pipeline, and ensure that proposed construction and operational agreements are consistent with the "Guidelines for Development Adjacent to the Upper Canal and Warragamba Pipelines" and implement all practical measures to protect the Warragamba to Prospect Water Supply Pipelines infrastructure, or as otherwise agreed to by WaterNSW.	Not Applicable	Applicable	Applicable	<p>Email Water NSW and SCAW, 28/11/22</p> <p>Water NSW Early Works Access Licence, 19/09/22 (access to Water NSW corridor)</p> <p>Water NSW Construction Licence, 03/10/23 (Pier 7 construction) and accompanying SCAW Work Pack Peir 7 construction, Rev 4.</p>	<p>SBT and FSM do not interact with the Warragamba to Prospect Water Supply Pipeline.</p> <p>The only SCAW works conducted to date that interface with the Water NSW infrastructure are the early works and Pier 7 works. These have been conducted in consultation with, and approval from, Water NSW. Design and construction methodology was prepared in consultation with Water NSW.</p>	C
Waste							

E122	<p>Waste generated during construction and operation must be dealt with in accordance with the following priorities:</p> <p>(a) waste generation must be avoided and where avoidance is not reasonably practicable, waste generation must be reduced;</p> <p>(b) where avoiding or reducing waste is not possible, waste must be re-used, recycled, or recovered; and</p> <p>(c) where re-using, recycling or recovering waste is not possible, waste must be treated or disposed of.</p>	Applicable	Applicable	Applicable	<p>SBT Waste CEMP Sub-plan, 10/10/22</p> <p>SBT Project induction (no date) including information on sustainability, hold points, legal requirements, soil and water, contamination and spills, noise and vibration, flora and fauna, visual amenity, air quality, waste</p> <p>SCAW Waste Management Plan, 10/10/22</p> <p>SCAW Project induction, Rev22 (covers air quality, contamination, biodiversity, heritage, unexpected finds (heritage and contam), spoil import, ERSED, noise and vibration, waste chemicals, spills, incidents and permits)</p> <p>SBT interview 07-08/02/24</p> <p>SBT Material Importation Tracker and Aerropolis tracker, current to August 2023</p> <p>SBT Material Importation Form and accompanying Material Classification Report, 07/10/22</p> <p>SCAW Sandstone Import Tracker current to 23/02/24</p> <p>SCAW Quarried Material Register current to November 23</p> <p>The M6 Stage 1 (hard ground) tunnel spoil exemption February 2022</p> <p>The M6 Stage 1 (hard ground) tunnel spoil order February 2022</p> <p>Spoil Receive Letter and Section 143 Certificate 31/08/22 (for acceptance of M6 tunnel soil)</p> <p>Eastern Tunneling Package (ETP) RRO and RRE, Letter SCAW to Eastern Tunneling Package (spoil acceptance letter and S143) 08/09/23</p> <p>Central Tunnelling Package (CTP) RRO and RRE, Letter SCAW to Central Tunneling Package (spoil acceptance letter and S143) 04/10/23</p> <p>Western Harbour Tunnel RRO and RRE, Letter SCAW to Western Harbour Tunnel (spoil acceptance letter and S143) 18/12/23</p> <p>Letter Concrete Recyclers to SCAW, 12/10/23, Boral to SCAW, 10/10/23 (confirmation of supply of recovered aggregate under the Recovered Aggregate RRO/RRE)</p> <p>SBT Waste Disposal Site Approval Guidance, 08/09/22</p> <p>SBT Spoil Tracker Orchard Hills, 15/02/24</p> <p>SBT Spoil Tracker, Bringelly, 05/10/23</p> <p>SBT AEC Material Tracker (no date)</p> <p>'SBT CMF Tracker, 04/09/23</p> <p>Tip docket Aug 23 – Jan 24 (various)</p> <p>The Western Sydney Airport Tunnel Spoil RRO / RRE, 2023</p> <p>SBT Approved Waste Disposal Site Register, 22/02/24</p> <p>S143 statements, Light Horse Interchange 09/03/22, Cornwallis Road 01/06/23, JKW development, 13/12/22, Kemps Creek Warehouse 26/09/22, Nepean Business Park 4/11/21, Gipps Street 16/01/23 and associated consents and letters as relevant.</p> <p>SBT Site Audit Report St Marys Box, Rambol, 16/02/24</p> <p>SCAW Waste Tracking Register, Bingo EPL 13426</p> <p>SCAW Aussie Skips Monthly Reports, Feb - July 2023</p> <p>Waste disposal facility environment protection licences: EPL 12168, EPL 13426, EPL 20855, EPL 21389, EPL 21577</p>	<p>The SBT Waste CEMP Sub-plan identifies waste avoidance, reduction, reuse/recycle options and disposal requirements. The SBT Sustainability Dashboard identifies waste and resource consumption and reuse/recycling. The SBT Waste Disposal Register identifies resource recovery facilities / service providers for recycling and / or disposal. The Waste Disposal Site Approval Guidance establishes a process for securing waste disposal sites (including development sites for reuse of soil).</p> <p>The SCAW Waste Management Plan identifies waste avoidance, reduction, reuse/recycle options and disposal requirements. Waste management approaches have been communicated to the workforce. Works conducted during the audit period have involved earthworks whereby material suitable for reuse has been reused on site (cut to fill) and the site is actually consuming material for construction. Waste segregation and recycling facilities were sighted during the inspection.</p> <p>The environmental inspections include checks on waste segregation, stabilized, bin use etc.</p> <p>ACM disposed of has been tracked.</p> <p>Building and demolition waste is being managed by Aussie Skips. Monthly report shows where the waste has gone for recycling / recover / disposal. Approximately 80% of waste has been recycled to date.</p> <p>Waste generation for FSM has been negligible to date, with material either not yet removed from site, recycled or reused on site. Refer E124.</p>	C
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E123	<p>The importation of waste and the storage, treatment, processing, reprocessing or disposal of such waste must comply with the conditions of the current EPL for the CSSI, or be done in accordance with a Resource Recovery Exemption or Order issued under the Protection of the Environment Operations (Waste) Regulation 2014, as the case may be.</p>	Applicable	Applicable	Applicable	<p>SBT interview 07-08/02/24</p> <p>SBT Material Importation Tracker and Aerropolis tracker, current to August 2023</p> <p>SBT Material Importation Form and accompanying Material Classification Report, 07/10/22</p> <p>SCAW Sandstone Import Tracker current to 23/02/24</p> <p>SCAW Quarried Material Register current to November 23</p> <p>The M6 Stage 1 (hard ground) tunnel spoil exemption February 2022</p> <p>The M6 Stage 1 (hard ground) tunnel spoil order February 2022</p> <p>Spoil Receival Letter and Section 143 Certificate 31/08/22 (for acceptance of M6 tunnel soil)</p> <p>Eastern Tunneling Package (ETP) RRO and RRE, , Letter SCAW to Eastern Tunneling Package (spoil acceptance letter and S143) 08/09/23</p> <p>Central Tunnelling Package (CTP) RRO and RRE, Letter SCAW to Central Tunneling Package (spoil acceptance letter and S143) 04/10/23</p> <p>Western Harbour Tunnel RRO and RRE, Letter SCAW to Western Harbour Tunnel (spoil acceptance letter and S143) 18/12/23</p> <p>Letter Concrete Recyclers to SCAW, 12/10/23, Boral to SCAW, 10/10/23 (confirmation of supply of recovered aggregate under the Recovered Aggregate RRO/RRE)</p>	<p>SBT material import is managed through a material importation form. The form identifies under what mechanism the material can be imported (i.e.: EPL, RRO, POEO Waste Reg). The form is accompanied by a material classification report where applicable. No material has been imported to SBT during the current audit period.</p> <p>SCAW is importing fill for construction of the whole alignment. Evidence shows that the material was covered under the EPL and Resource Recovery Exemption.</p> <p>AEW FSM have not imported any waste to date (only quarried bedding sand).</p> <p>Note: The Auditor has reviewed the material import register/s and material classification records prepared by others and presented by the auditee/client. The Auditor has not conducted any testing, analysis or visual inspection of the material to independently verify its classification, nor does the Auditor guarantee that the imported material is that same volume, classification or type as that described in the sighted material classification records</p>	C

E124	<p>Waste must only be exported to a site licensed by the EPA for the storage, treatment, processing, reprocessing or disposal of the subject waste, or in accordance with a Resource Recovery Exemption or Order issued under the Protection of the Environment Operations (Waste) Regulation 2014, or to any other place that can lawfully accept such waste.</p>	Applicable	Applicable	Applicable	<p>SBT Waste Disposal Site Approval Guidance, 08/09/22</p> <p>SBT Spoil Tracker Orchard Hills, 15/02/24</p> <p>SBT Spoil Tracker, Bringelly, 05/10/23</p> <p>SBT AEC Material Tracker (no date)</p> <p>SBT CMF Tracker, 04/09/23</p> <p>Tip dockets Aug 23 – Jan 24 (various)</p> <p>The Western Sydney Airport Tunnel Spoil RRO / RRE, 2023</p> <p>SBT Approved Waste Disposal Site Register, 22/02/24</p> <p>S143 statements, Light Horse Interchange 09/03/22, Cornwallis Road 01/06/23, JKW development, 13/12/22, Kemps Creek Warehouse 26/09/22, Nepean Business Park 4/11/21, Gipps Street 16/01/23 and associated consents and letters as relevant.</p> <p>SBT Site Audit Report St Marys Box, Rambol, 16/02/24</p> <p>JJ's waste liquid waste tip docket and EPLs 10870, 21053, 6427</p> <p>Brandster Liquid waste dockets and EPLs 5973 and 6414</p> <p>SCAW Waste Tracking Register, Bingo EPL 13426</p> <p>SCAW Aussie Skips Monthly Reports, Feb - July 2023</p> <p>Waste disposal facility environment protection licences: EPL 12168, EPL 13426, EPL 20855, EPL 21389, EPL 21577</p> <p>SCAW VENM waste classification report Cosgroves Creek, 28/03/23 and Letter Georgiou (M12) to SCAW, 30/01/23 and 03/04/23 and associated s143 (SCAW VENM to M12).</p> <p>SCAW VENM Waste Classification Report Main Alignment at Elizabeth Drive, Sydney Environmental, 18/09/23 and S143 notice from Lucas heights Recovery park, 24/10/23</p> <p>SCAW Austip Recycling Monthly Reports, Nov – Dec 23 and EPL 21421 (Riverstone storage and recovery centre)</p> <p>Aussie Skips Monthly Waste Reports, Aug – Nov 23 Aussie Skips EPLs 21577 (transport), 21389 (Greenacre storage), 20885 (Strathfield recovery)</p> <p>ACM tip dockets Luddenham South ACM removal works, Bingo Eastern Creek, 13/11/23</p> <p>SCAW EPA Waste Locate online module (current to 12/02/24)</p> <p>SCAW Spoil to m12 Waste to final destination audit, 08/02/23</p> <p>Waste Classification Reports St Marys Station, 07/07/23 and 24/08/23, Opposite 76 Hobart Street MAF 3, 15/06/23 and Opposite 58 Hobart Street MAF 5, 07/08/23</p> <p>Aussie Skips tip dockets (various) to EPL 20885 and BINGO Eastern Creek.</p>	<p>SBT Waste Disposal Site Approval Guidance establishes a process for securing waste disposal sites (including development sites for reuse of soil). Section 143 statements are obtained from non-licensed facilities and EPLs reviewed for licensed facilities prior to commencement of disposal of spoil at that location so as to verify that the site/s are lawfully permitted to receive the waste. The SBT Registers identifies resource recovery facilities / service providers for recycling and / or disposal. Truck movements are tracked via virtual superintendent against the daily truck allocations. Disposal records / dockets are verified by spoil team prior to payment. The Site Audit Reports for remediation works include an assessment of waste management. The Site Audit Report for St Marys states that the material appears to have been managed in accordance with EPA requirements. Liquid waste disposal records were adequate.</p> <p>SCAW works conducted during the audit period have involved earthworks whereby material suitable for reuse has been reused on site (cut to fill). ACM disposed of offsite during the fifth audit period was tracked either by docket or the Waste Locate tool (or both). Building and demolition waste is being managed by Austips and Aussie Skips. Monthly Report shows where the waste has gone for recycling / recover / disposal.</p> <p>AEW FSM has disposed of the GSW and Special Waste. . Excavated material has been classified and disposed of to facilities lawfully permitted to receive it.</p> <p>Note: The Auditor has reviewed the material export register/s and material classification records prepared by others and presented by the auditee/client. The Auditor has not conducted any testing, analysis or visual inspection of the material to independently verify its classification, nor does the Auditor guarantee that the exported material is that same volume, classification or type as that described in the sighted material classification records</p>	C
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E125	All waste must be classified in accordance with the EPA's Waste Classification Guidelines, with appropriate records and disposal dockets retained for audit purposes.	Applicable	Applicable	Applicable	<p>SBT Waste Disposal Site Approval Guidance, 08/09/22</p> <p>SBT Spoil Tracker Orchard Hills, 15/02/24</p> <p>SBT Spoil Tracker, Bringelly, 05/10/23</p> <p>SBT AEC Material Tracker (no date)</p> <p>'SBT CMF Tracker, 04/09/23</p> <p>Tip dockets Aug 23 – Jan 24 (various)</p> <p>The Western Sydney Airport Tunnel Spoil RRO / RRE, 2023</p> <p>SBT Approved Waste Disposal Site Register, 22/02/24</p> <p>S143 statements, Light Horse Interchange 09/03/22, Cornwallis Road 01/06/23, JKW development, 13/12/22, Kemps Creek Warehouse 26/09/22, Nepean Business Park 4/11/21, Gipps Street 16/01/23 and associated consents and letters as relevant.</p> <p>SBT Site Audit Report St Marys Box, Rambol, 16/02/24</p> <p>SCAW Waste Tracking Register, Bingo EPL 13426</p> <p>SCAW Aussie Skips Monthly Reports, Feb - July 2023</p> <p>Waste disposal facility environment protection licences: EPL 12168, EPL 13426, EPL 20855, EPL 21389, EPL 21577</p> <p>SCAW VENM waste classification report Cosgroves Creek, 28/03/23 and Letter Georgiou (M12) to SCAW, 30/01/23 and 03/04/23 and associated s143 (SCAW VENM to M12).</p> <p>SCAW VENM Waste Classification Report Main Alignment at Elizabeth Drive, Sydney Environmental, 18/09/23 and S143 notice from Lucas heights Recovery park, 24/10/23</p> <p>SCAW Austip Recycling Monthly Reports, Nov – Dec 23 and EPL 21421 (Riverstone storage and recovery centre)</p> <p>Aussie Skips Monthly Waste Reports, Aug – Nov 23 Aussie Skips EPLs 21577 (transport), 21389 (Greenacre storage), 20885 (Strathfield recovery)</p> <p>ACM tip dockets Luddenham South ACM removal works, Bingo Eastern Creek, 13/11/23</p> <p>SCAW EPA Waste Locate online module (current to 12/02/24)</p> <p>SCAW Spoil to m12 Waste to final destination audit, 08/02/23</p> <p>Waste Classification Reports St Marys Station, 07/07/23 and 24/08/23, Opposite 76 Hobart Street MAF 3, 15/06/23 and Opposite 58 Hobart Street MAF 5, 07/08/23</p> <p>Aussie Skips tip dockets (various) to EPL 20885 and BINGO Eastern Creek.</p>	<p>Building and demolition waste and tunnel spoil is pre-classified under the Waste Classification Guidelines. Excavated material has undergone analysis and classification in accordance with the Guidelines. The Site Audit Report for St Marys states that the material appears to have been managed in accordance with EPA requirements.</p> <p>Note that SCAW is a net consumer of excavated material, with only small amounts of ACM and building a demolition waste being removed from site during the audit period.</p> <p>FSM has yet to really commence. Materials have been classified and stockpiled.</p> <p>Refer E124 for disposal.</p> <p>Note: The Auditor has reviewed the material export register/s and material classification records prepared by others and presented by the auditee/client. The Auditor has not conducted any testing, analysis or visual inspection of the material to independently verify its classification, nor does the Auditor guarantee that the exported material is that same volume, classification or type as that described in the sighted material classification records</p>	C
Water							

E126	<p>The CSSI must be designed and constructed so as to maintain the NSW Water Quality Objectives (NSW WQO) where they are being achieved as at the date of this approval, and contribute towards achievement of the NSW WQO over time where they are not being achieved as at the date of this approval, unless an EPL in force in respect of the CSSI contains different requirements in relation to the NSW WQO, in which case those requirements must be complied with.</p>	Applicable	Applicable	Applicable	<p>ER Monthly Reports for August 2023 – January 2024</p> <p>SBT EPL 21672</p> <p>Sydney Water Tradewaste agreement, 52629, and 52722.</p> <p>SBT Water Quality Impact Assessment, 17/11/22 and addendum, 19/01/23 – Feb 24</p> <p>SBT Surface Water Monitoring Report, May – October 23, 30/11/23</p> <p>SBT EPL Monitoring report available on CPBG website https://www.cpbcon.com.au/our-projects/2022/sydney-metro-western-sydney-airport-station-boxes-and-tunnels</p> <p>Email SBT to ER 30/11/23 (submission of second 6 monthly surface water and noise and vibration monitoring reports to the ER).</p> <p>SBT ERSED Plans for Orchard Hills (Rev 11), Bringelly (Rev 01), Claremont Meadows (01/02/24).</p> <p>Letter EPA to SBT, 23/03/23 (Prevention notice 3504982 re dirty water run off at South Creek), Letter SBT to EPA 31/03/23 (response to prevention notice).</p> <p>Letter EPA to SBT, 27/07/23 (Show Cause 3505337 re material tracking at Gipps Street) and Letter SBT to EPA 10/08/23 (response to show cause)</p> <p>Letter EPA to SBT, 01/08/23 (Show cause 3506113 re construction water runoff at St Marys) (response pending)</p> <p>Letters DPHI to Sydney Metro, 28/06/23 and 03/07/23 (Direction under A5 regarding soil and water controls)</p> <p>Letter SEEC to SBT, 28/06/23 (independent review of SBT site controls in line with DPHI's A5 direction) and DPHI post approval portal record 07/07/23 (submission of SEEC report)</p> <p>DPHI letter Subject: Direction made under condition A5 of Sydney Metro Western Sydney Airport project (SSI-10051) for erosion and sediment control - Station Box and Tunnelling sites, dated 10/10/2023</p> <p>Correspondence regarding DPHI erosion and sediment control under condition A5 dated between June to October 2023.</p> <p>SCAW Design Report, drainage water quality and scour protection North to SMF, Rev 00</p> <p>SCAW Design Report, drainage water quality and scour protection SMF to Cosgrove, Rev 1</p> <p>SCAW Design Report, drainage water quality and scour protection south, Rev 00</p> <p>SCAW Design Report, drainage water quality and scour protection WSI, Rev 00</p> <p>SCAW consolidated monitoring result register, 30/01/24</p> <p>SCAW 6-monthly construction monitoring reports on the CBUI website. https://www.cpbcon.com.au/our-projects/2022/sydney-metro-western-sydney-airport-surface-and-civil-alignment-works</p> <p>SCAW Erosion and Sediment Control Plans (ERSED Plan) Luddenham Road to Pipeline Rev 09, Elizabeth Drive Compound Rev 10, Paton's Lane to Lansdowne Rev6, Defence Rev04.</p> <p>SCAW Dewater and Discharge Permits (x40) (August 23 – Feb 24)</p> <p>SCAW EWMS, Dewatering and Discharge 14/11/23</p> <p>FSM ERSED Plans, (ECMs), Rev 8.</p>	<p>The SBT Design Reports include design elements for site that relate to compliance with Blue Book (with the objective of meeting water quality objectives). Refer to the third Audit Report for details.</p> <p>SBT Water Treatment Plants are operating and are regulated through an EPL. Water Quality Impact Assessment has been prepared to assist with the approval to discharge under the EPL. To date discharge has been to trade waste due to high salinity.</p> <p>The ER has identified instances whereby the works appeared to have had minor departures from the ERSED plans on site. The ER has not stated that this has resulted in any breaches of S120 or risked non-conformance with the WQOs. There has been a marked improvement to soil and water control since the third Independent Audit but ongoing opportunities for improvement remain. Refer E128.</p> <p>The SCAW Design Reports include assessment of design and modelling to demonstrate conformance with the WQOs (identified as being achieved). There are no Water Treatment Plants on SCAW during the audit period. ERSED plans have been prepared and implemented on site. The local surface water quality results indicate poor water quality in the catchment both upstream and downstream. The results do not indicate a clear pattern of behaviour or construction water impacts.</p> <p>FSM works have negligible influence / impact on waters.</p>	C
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E127	The Proponent must consider the Guidelines for controlled activities on waterfront land riparian corridors (Department of Industry 2018) when carrying out work within 40 metres of a watercourse, including its bed.	Applicable	Applicable	Applicable	<p>Site inspection 06/02/24 and 13/02/24</p> <p>SCAW Design Report, drainage water quality and scour protection North to SMF, Rev 00</p> <p>SCAW Design Report, drainage water quality and scour protection SMF to Cosgrove, Rev 1</p> <p>SCAW Design Report, drainage water quality and scour protection south, Rev 00</p> <p>SCAW Design Report, drainage water quality and scour protection WSI, Rev 00</p>	<p>SBT and FSM do not work on waterfront land.</p> <p>SCAW Design Reports involving works in riparian zone show that the controlled activity guidelines have been considered.</p>	C
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E128	<p>Before undertaking any work and during maintenance or construction activities, erosion and sediment controls must be implemented and maintained to prevent water pollution consistent with Managing Urban Stormwater: Soils and Construction Vol 1 4th ed. by Landcom, 2004 (The Blue Book).</p>	Applicable	Applicable	Applicable	<p>ER Monthly Reports for August 2023 – January 2024</p> <p>SBT EPL 21672</p> <p>Sydney Water Tradewaste agreement, 52629, and 52722.</p> <p>SBT Water Quality Impact Assessment, 17/11/22 and addendum, 19/01/23 – Feb 24</p> <p>SBT Surface Water Monitoring Report, May – October 23, 30/11/23</p> <p>SBT EPL Monitoring report available on CPBG website https://www.cpbcon.com.au/our-projects/2022/sydney-metro-western-sydney-airport-station-boxes-and-tunnels</p> <p>Email SBT to ER 30/11/23 (submission of second 6 monthly surface water and noise and vibration monitoring reports to the ER).</p> <p>SBT ERSED Plans for Orchard Hills (Rev 11), Bringelly (Rev 01), Claremont Meadows (01/02/24).</p> <p>Letter EPA to SBT, 23/03/23 (Prevention notice 3504982 re dirty water run off at South Creek), Letter SBT to EPA 31/03/23 (response to prevention notice).</p> <p>Letter EPA to SBT, 27/07/23 (Show Cause 3505337 re material tracking at Gipps Street) and Letter SBT to EPA 10/08/23 (response to show cause)</p> <p>Letter EPA to SBT, 01/08/23 (Show cause 3506113 re construction water runoff at St Marys) (response pending)</p> <p>Letters DPHI to Sydney Metro, 28/06/23 and 03/07/23 (Direction under A5 regarding soil and water controls)</p> <p>Letter SEEC to SBT, 28/06/23 (independent review of SBT site controls in line with DPHI's A5 direction) and DPHI post approval portal record 07/07/23 (submission of SEEC report)</p> <p>DPHI letter Subject: Direction made under condition A5 of Sydney Metro Western Sydney Airport project (SSI-10051) for erosion and sediment control - Station Box and Tunnelling sites, dated 10/10/2023</p> <p>Correspondence regarding DPHI erosion and sediment control under condition A5 dated between June to October 2023.</p> <p>SCAW Design Report, drainage water quality and scour protection North to SMF, Rev 00</p> <p>SCAW Design Report, drainage water quality and scour protection SMF to Cosgrove, Rev 1</p> <p>SCAW Design Report, drainage water quality and scour protection south, Rev 00</p> <p>SCAW Design Report, drainage water quality and scour protection WSI, Rev 00</p> <p>SCAW consolidated monitoring result register, 30/01/24</p> <p>SCAW 6-monthly construction monitoring reports on the CBUI website. https://www.cpbcon.com.au/our-projects/2022/sydney-metro-western-sydney-airport-surface-and-civil-alignment-works</p> <p>SCAW Erosion and Sediment Control Plans (ERSED Plan) Luddenham Road to Pipeline Rev 09, Elizabeth Drive Compound Rev 10, Paton's Lane to Lansdowne Rev6, Defence Rev04.</p> <p>SCAW Dewater and Discharge Permits (x40) (August 23 – Feb 24)</p> <p>SCAW EWMS, Dewatering and Discharge 14/11/23</p> <p>FSM ERSED Plans, (ECMs), Rev 8.</p>	<p>ERSED Plans appear to have been implemented in accordance with this condition for all packages. Whilst the ER has identified some areas for improvement, the deficiencies are not material and appear to have been actioned.</p> <p>SBT Observation: There were a number of complaints received during the audit period regarding SBT tracking mud out of the Orchard Hills site and on to Kent Road. According to the auditees this was caused by spoil haulage involving up to 200 vehicle movements per day. SBT have installed concrete haul road internal to the site, an automated wheel wash (operated in concert with manual truck washing), continued with street sweepers internal to site and on Kent Road, and have paid for haulage trucks to be cleaned at the spoil disposal facilities before returning to site. Complaints about this issue have declined and the ER has noted in its February 2024 Monthly Report that conditions have improved and focus continue to be applied to ensure controls are effective. Note that the ER will continue to provide surveillance on this issue outside of this audit process, and on this basis the Auditor considers the matter closed.</p> <p>SBT and SCAW Observation: Observation: Approximately 40mm of rain fell on the day of the audit site inspection. During the inspection construction water was observed to be flowing from the SSTOM Orchard Hills site north to the SBT portion of the site and south to the SCAW site. In both cases, SBT and SCAW were collecting and managing the water via the water treatment plant and erosion and sediment controls respectively, before leaving the Project boundary. No off site impacts were observed.</p> <p>SCAW Observation: Observation: Approximately 40mm of rain fell on the day of the audit site inspection. During the inspection a significant amount of construction water was observed to be flowing from the M12 site onto the SCAW site at Elizabeth Drive.</p> <p>SCAW's erosion and sediment controls at this location are substantial and appear to provide more than enough protection for the SCAW catchment. However, at the time of the audit site inspection, the M12 catchment size (and volumes of water to be managed) was not known by the SCAW team. Therefore, there is no guarantee that the SCAW controls are adequate in dealing with the cumulative surface water flows from both sites.</p> <p>Observation from fourth audit: There appears to be instances whereby SBT have not implemented sufficient soil and water controls during the audit period. The EPA issued one prevention notice and two show cause notices to SBT during the audit period due to issues associated with construction water leaving the site and entering nearby waters. SBT responded to the letters outlining the actions taken and its position on compliance with the terms of the EPL. On 25/08/23 the EPA advised that it would not take any further action and acknowledged the steps taken to address the matters raised. In addition to the above, the Department issued a direction concerning adequacy of erosion and sediment control measures on site. SBT appear to have engaged the independent CPESC to report on progress of rectification works and submitted this information to the Department and posted the information on the Sydney Metro website in accordance with the direction. The Auditor has reviewed the ER Inspection Reports and the regulatory notices and is of the view that many of these issues stem from deficiencies in site management identified during the third audit period (which then extended into this fourth period). It is observed during the audit site inspection that significant improvements to soil and water controls had been implemented since the third Independent Audit. Some site arrangements and ERSED plans for SBT Claremont Meadows, Orchard Hills and Aerotropolis were not aligned at the time of the audit site inspection and, therefore, need to be reviewed with controls updated as required but these misalignments are not considered by the Auditor to be material. The controls specified in the Aerotropolis ERSED plan were</p>	C
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						implemented prior to the drafting of this Report. ** update for the fifth audit: The Department confirmed on 10/10/23 that all actions required by SBT had been addressed and that the Department considered the matter closed. SBT provided responses to the EPA in March and August 2023. The EPA closed notice 3505337. The auditees have not received any further feedback on notice 3506113.	
E129	<p>Unless an EPL is in force in respect to the CSSI and that licence specifies alternative criteria, discharges from construction wastewater treatment plants to surface waters must not exceed:</p> <p>(a) the Australian and New Zealand Guidelines for Fresh and Marine Water Quality 2018 (ANZG (2018)) default guideline values for toxicants at the 95 per cent species protection level;</p> <p>(b) for physical and chemical stressors, the guideline values set out in Tables 3.3.2 and 3.3.3 of the Australian and New Zealand Guidelines for Fresh and Marine Water Quality 2000 (ANZECC/ARMCANZ); and</p> <p>(c) for bioaccumulative and persistent toxicants, the ANZG (2018) guidelines values at a minimum of 99 per cent species protection level.</p> <p>Where the ANZG (2018) does not provide a default guideline value for a particular pollutant, the approaches set out in the ANZG (2018) for deriving guideline values, using interim guideline values and/or using other lines of evidence such as international scientific literature or water quality guidelines from other countries, must be used.</p>	Applicable	Applicable	Applicable	<p>SBT EPL 21672</p> <p>Sydney Water Tradewaste agreement, 52629, and 52722.</p> <p>SBT Water Quality Impact Assessment, 17/11/22 and addendum, 19/01/23 – Feb 24</p> <p>SBT Surface Water Monitoring Report, May – October 23, 30/11/23</p>	<p>SBT EPL is in force and contains basin discharge monitoring and water quality requirements. SBT Water Treatment Plants have are regulated through an EPL. Water Quality Impact Assessment has been prepared to assist with the approval to discharge from WTP under the EPL. To date, water has been discharged to tradewaste only and not environment.</p> <p>SCAW and FSM do not have any construction water treatment plants on site.</p>	C
E130	<p>If construction stage stormwater discharges are proposed, a Water Pollution Impact Assessment will be required. Any such assessment must be prepared in consultation with the EPA and be consistent with the National Water Quality Guidelines, with a level of detail commensurate with the potential water pollution risk.</p> <p>Note: If an EPL is required the Water Pollution Impact Assessment will be required to inform licensing consistent with section 45 of the POEO Act.</p>	Applicable	Applicable	Applicable	<p>SBT Discharge Impact Assessment, 24/03/22</p> <p>SBT EPL 21672</p> <p>SBT Water Quality Impact Assessment, 17/11/22 and addendum, 19/01/23</p> <p>SBT EPL Monitoring Reports, August 23 – January 24 https://www.cpbcon.com.au/our-projects/2022/sydney-metro-western-sydney-airport-station-boxes-and-tunnels</p> <p>Construction Discharge Impact Assessment, SEEC, 13/07/22</p> <p>Email SCAW to EPA, 17/06/22</p> <p>SCAW EPL 21695</p> <p>SBT EPL Monitoring Reports, August 23 – January 24, https://www.cpbcon.com.au/our-projects/2022/sydney-metro-western-sydney-airport-surface-and-civil-alignment-works</p>	<p>The SBT Discharge Impact Assessment was prepared as part of the original EPL application. The EPL was granted prior to construction. SBT EPL is in force and contains basin discharge monitoring and water quality requirements. SBT Water Treatment Plants have are regulated through an EPL. Water Quality Impact Assessment has been prepared to assist with the approval to discharge from WTP under the EPL. To date, water from the WTP has been discharged to tradewaste only and not environment. Discharges from basins are reported in the EPL Monitoring Reports.</p> <p>The SCAW Discharge Impact Assessment was prepared as part of the original EPL application. The EPL was granted prior to construction, is in force and contains basin discharge monitoring and water quality requirements. Discharges from basins are reported in the EPL Monitoring Reports.</p> <p>FSM does not hold an EPL and has not prepared any Discharge Impact Assessments.</p>	C
E131	<p>Drainage feature crossings (permanent and temporary watercourse crossings and stream diversions) and drainage swales and depressions must be carried out in accordance with relevant guidelines and designed by a suitably qualified and experienced person.</p>	Applicable	Applicable	Applicable	<p>SBT Site Establishment Design Reports Orchard Hills (031801), Aerotropolis (033701)</p> <p>SBT ERSED Plans for Orchard Hills (Rev 11), Bringelly (Rev 01), Claremont Meadows (01/02/24).</p> <p>SCAW Design Report, drainage water quality and scour protection North to SMF, Rev 00</p> <p>SCAW Design Report, drainage water quality and scour protection SMF to Cosgrove, Rev 1</p> <p>SCAW Design Report, drainage water quality and scour protection south, Rev 00</p> <p>SCAW Design Report, drainage water quality and scour protection WSI, Rev 00</p> <p>SCAW Inspection and Test Plan, drainage at Celestino, (lot closed 13/12/23)</p> <p>SCAW Erosion and Sediment Control Plans (ERSD Plan) Luddenham Road to Pipeline Rev 09, Elizabeth Drive Compound Rev 10, Paton's Lane to Lansdowne Rev6, Defence Rev04.</p> <p>FSM ERSED Plans, (ECMs), Rev 8.</p>	<p>No drainage crossings and swales have been constructed for SBT, FSM. Site ERSED plans have been prepared for temporary works where ground disturbance has occurred, in accordance with the Blue Book.</p> <p>SCAW Design Reports have been prepared to satisfy this condition. The Reports include details of the authors (drainage engineers) and application of the design guidelines and engineering standards (section 2).</p>	C

E132	<p>Unless an EPL is in force in respect to the CSSI and that licence specifies alternative criteria, discharges from operational water treatment plants to surface waters must not exceed:</p> <p>(a) the ANZG 2018 default guideline values for toxicants at the 95 per cent species protection level;</p> <p>(b) for physical and chemical stressors, the guideline values set out in Tables 3.3.2 and 3.3.3 of the Australian and New Zealand Guidelines for Fresh and Marine Water Quality (ANZECC/ARMCANZ, 2000); and</p> <p>(c) for bioaccumulative and persistent toxicants, the ANZG 2018 guideline values at a minimum of 99 per cent species protection level.</p> <p>Where the ANZG 2018 does not provide a default guideline value for a particular pollutant, the approaches set out in the ANZG 2018 for deriving guideline values, using interim guideline values and/or using other lines of evidence such as international scientific literature or water quality guidelines from other countries, must be used.</p>	Not Applicable	Not Applicable	Applicable	Site inspection 06, 09, 13/02/24	The Project is in construction.	NT
E133	<p>Make good provisions for groundwater users must be provided in the event of a material decline in water supply levels, quality or quantity from registered existing bores associated with groundwater changes from either construction and/or ongoing operational dewatering caused by the CSSI.</p>	Not Applicable	Not Applicable	Applicable	<p>SBT Groundwater Monitoring Report, July – November 23, 29/01/24</p> <p>Email (teambinder) SBT to ER, 07/06/23 (submission of baseline 6 monthly groundwater monitoring report to ER)</p> <p>Letter DPPI to Sydney Metro 31/01/24 (acknowledgement of receipt of second 6 monthly groundwater monitoring report).</p>	<p>The Project is in construction. The latest groundwater monitoring report states that there has not been an unacceptable level of groundwater drawdown. Some 'red' trigger events occurred during the reporting period at Orchard Hills, Cross Passage XPS01, and Aerotropolis, but the technical advice is to continue to monitor and / or adjust trigger levels. The ER has reviewed the report and not raised any concerns with the results or recommendations. The Auditor is not aware of the Department direction on the matter.</p> <p>SCAW and FSM do not drawdown groundwater.</p>	C
E134	<p>The Proponent must submit a revised Groundwater Modelling Report to the Planning Secretary for information before bulk excavation at the relevant construction location. The Groundwater Modelling Report must include:</p> <p>(a) for each construction site where excavation will be undertaken, cumulative (additive) impacts from nearby developments, parallel transport projects and nearby excavation associated with the CSSI;</p> <p>(b) predicted incidental groundwater take (dewatering) including cumulative project effects;</p> <p>(c) potential impacts of the CSSI or detail and demonstrate why the CSSI will not have lasting impacts to the groundwater system, ongoing groundwater incidental take and groundwater level drawdown effects;</p> <p>(d) actions required to minimise the risk of inflows (including in the event the CSSI are delayed or do not progress) and a strategy for accounting for any water taken beyond the life of the operation of the CSSI;</p> <p>(e) saltwater intrusion modelling analysis, from saline groundwater in shale, into metro station sites; and</p> <p>(f) a schematic of the conceptual hydrogeological model.</p>	Applicable	Not Applicable	Applicable	<p>SBT Groundwater Modelling Report, 22/02/23</p> <p>SMWSA SSI10051_IA3_Request for Information_Sydney Metro_Rev1.1, 23/02/23 (Sydney Metro response to Auditor request for information)</p> <p>Sydney Metro response to draft Audit Report, including Post approval portal lodgement of non-compliance with E134, Letter for E134 submission, received 19/03/23</p>	<p>SBT Groundwater Modelling Report was prepared and it addresses the requirements of this condition, noting that some detailed requirements are presented in subordinate groundwater plans for each structure.</p> <p>This requirement does not apply to SCAW or FSM.</p>	C

APPENDIX B – PLANNING SECRETARY AGREEMENT OF INDEPENDENT AUDITORS

Department of Planning and Environment

Our ref: SSI-10051-PA-332 & 337

Your ref: SM-23-00894190 & 00904055

via Major Projects Portal

19 December 2023

Attention: Mr Hugh Chapman, Director Environment, Sustainability & Planning

Subject: Sydney Metro Western Sydney Airport (SSI-10051) – approval of independent auditors

Dear Hugh,

I refer to your letters dated 20 November 2023 (PA-332) and 05 December 2023 (PA-337) requesting the Planning Secretary's approval of suitably qualified, experienced, and independent persons as independent environmental auditors of the Sydney Metro Western Sydney Airport project (SSI-10051, as modified).

In your letters you set out that due to WolfPeak having an identified conflict of interest for the stations, systems, trains, operations and maintenance (**SSTOM**) stage delivered by the Parklife Metro consortium, the fifth construction phase independent environmental audit is proposed to comprise two separate audits by two separate auditors. The SSTOM stage, which commenced construction on 08 August 2023 (PA-279), was not in scope for the first four independent environmental audits conducted by WolfPeak therefore this is a new proposal.

NSW Planning has reviewed your letters, and the additional information provided, against the *Independent Audit Post Approval Requirements (2020; Independent Audit PARs)*.

Independent auditor (PA-337) – SSTOM stage excluded

NSW Planning is satisfied that the nominees are certified with Exemplar Global as lead auditors in environmental management systems, are suitably experienced in critical state significant infrastructure projects, and have supplied declarations of independence. Consistent with the declarations of independence, the SSTOM stage must not be audited by WolfPeak.

Consequently, I can advise that under Condition A38 of SSI-10051, the Planning Secretary has approved the following auditors for the fifth construction phase independent audit – SSTOM stage excluded:

- Mr Derek Low, Wolfpeak, as lead auditor
- Mr Ricardo Prieto-Curiel, Wolfpeak, as auditor.

NSW Planning reserves the right to request an alternate auditor(s) for future audits.

Department of Planning and Environment

Independent auditor (PA-332) – SSTOM stage only

NSW Planning is satisfied that the nominees are certified with Exemplar Global as either principal or lead auditors in environmental management systems and have supplied declarations of independence. NSW Planning requires the declarations of independence be updated to include all work performed by GHD on the Sydney Metro Western Sydney Airport project (SSI-10051, as modified) prior to being appended to the independent audit report (*a template for independence declarations is provided in Appendix E of the Independent Audit PAR's*).

NSW Planning notes however that the nominees have not provided examples of construction audits against the Independent Audit PARs, much less for complex critical State significant infrastructure projects like Sydney Metro. NSW Planning has reservations regarding the representations made by the nominees regarding their experience auditing against the Independent Audit PARs and requires future nominations to identify specific audits conducted by the nominee against the Independent Audit PARs.

Noting the reservations above, I can advise that under Condition A38 of SSI-10051, the Planning Secretary has approved the following auditors for the fifth construction phase independent audit – SSTOM stage only:

- Mr Avanish Panikkar, GHD, as lead auditor
- Ms Demelza Scott, GHD, as auditor.

NSW Planning acknowledges that the approved auditors may be supported by others, each of whom must also provide a declaration of independence which must be appended to the independent audit report.

NSW Planning reserves the right to request an alternate auditor(s) for future audits.

Independent audits and reports, and Sydney Metro response

Under Condition A36 of SSI-10051 independent audits must be conducted and carried out in accordance with the Independent Audit PARs. Under condition A40 of SSI-10051, the independent audit report and the proponent's response to audit findings must be submitted within two months of the audit site inspection, unless otherwise agreed by the Planning Secretary.

As the fifth construction phase independent environmental audit is to comprise two separate audits, please ensure that:

- the two audit inspections are carried out within a fortnight of each other and no later than 28 February 2024

Department of Planning and Environment

- Sydney Metro, as the proponent, prepares a single response to the two audit reports, with the two audit reports and Sydney Metro's response submitted via the Major Projects Portal as a single submission within two months of the latest audit inspection.

Please ensure this correspondence is appended to each Independent Audit Report.

The Independent Audit must be prepared, undertaken and finalised in accordance with the Independent Audit PARs. Failure to meet these requirements will require revision and resubmission.

Please note that a further auditor nomination must be made and written agreement from the Planning Secretary provided prior to undertaking any subsequent independent audits. NSW Planning reserves the right to request an alternate auditor(s) for future audits.

Should you wish to discuss the matter further, please contact Ms Alex McGuirk, Senior Compliance Officer, or myself from 8 January 2024.

Yours sincerely,

A handwritten signature in black ink, appearing to read "R. Sherry".

Rob Sherry

Team Leader Compliance – Government Projects

NSW Planning

As nominee of the Planning Secretary

APPENDIX C – ATTENDANCE RECORDS

Opening Meeting

Sydney Metro WSA Independent Audit 5 - Opening meeting 05/02/24 - Teams attendance list	
Full Name	First Join
Derek Low	5/2/24, 2:58:59 PM
Kline, Emma	5/2/24, 2:59:47 PM
Watts, Michael	5/2/24, 3:00:14 PM
Slattery, Jeremy	5/2/24, 3:00:25 PM
Hayley Scapin	5/2/24, 3:00:28 PM
Chris Berg	5/2/24, 3:00:29 PM
Rhys Haynes	5/2/24, 3:00:47 PM
Ella Somerset	5/2/24, 3:00:52 PM
Peter Gresser	5/2/24, 3:00:59 PM
Andrew Smith (SMITH INFRA)	5/2/24, 3:01:02 PM
Browne, Lochlan	5/2/24, 3:01:05 PM
Malone, Charlotte	5/2/24, 3:01:38 PM
Hugh Chapman	5/2/24, 3:02:29 PM

Closing Meetings

Sydney Metro WSA Independent Audit 5 – Sydney Metro and SBT closing meeting 11/03/24 - Teams attendance list	
Full Name	First Join
Derek Low	3/11/24, 2:58:46 pm
Ryan Butler (Unverified)	3/11/24, 2:59:26 pm
Slattery, Jeremy (Unverified)	3/11/24, 3:00:44 pm
Andrew Smith (SMITH INFRA) (Unverified)	3/11/24, 3:01:15 pm
Marea Rakete (Unverified)	3/11/24, 3:02:07 pm
Tim Solomon (Unverified)	3/11/24, 3:04:16 pm

Sydney Metro WSA Independent Audit 4 – Sydney Metro and SCAW closing meeting 13/03/24 - Teams attendance list	
Full Name	First Join
Derek Low	Joined
Ella Somerset (Unverified)	Joined
Jenkins, Joshua (Unverified)	Joined
Marea Rakete (Unverified)	Joined
Tim Solomon (Unverified)	Joined
Ryan Butler (Unverified)	Joined

Sydney Metro WSA Independent Audit 4 – Sydney Metro and AEW FSM closing meeting 13/03/24 - Teams attendance list	
Full Name	First Join
Derek Low	Joined
Ella Somerset (Unverified)	Joined
McCallum, Chris (Unverified)	Joined
Hayley Scapin (Unverified)	Joined
Browne, Lochlan (Unverified)	Joined
Marea Rakete (Unverified)	Joined
Malone, Charlotte (Unverified)	Joined
Andy Williams (APPCORP) (Unverified)	Joined

APPENDIX D – CONSULTATION RECORDS

Derek Low

From: Alex McGuirk <[REDACTED]>
Sent: Wednesday, 20 December 2023 3:21 PM
To: Derek Low
Cc: Ricardo Prieto-Curiel
Subject: RE: Sydney Metro Western Sydney Airport - SSI 10051 - Independent Audit No. 5 - Department consultation

Follow Up Flag: Follow up
Due By: Friday, 12 January 2024 10:00 AM
Flag Status: Flagged

Hi Derek,

Thank you for your email below.

Further to the approval (our ref. PA-332 & 337) of the independent auditors for the fifth construction phase independent audit of the Sydney Metro Western Sydney Airport project (SSI-10051), which include yourself and Mr Ricardo Prieto-Curiel – excluding the stations, systems, trains, operations and maintenance stage delivered by the Parklife Metro consortium, please ensure the audit is conducted in accordance with Condition A36 of Infrastructure Approval SS10051, which requires the audit to be carried out in accordance with the *Independent Audit Post Approval Requirements* (May, 2020).

Please ensure that particular attention is paid during the audit, including the audit inspection, to the Orchard Hills tunnelling site (currently part of the station boxes and tunnelling stage delivered by CPB Ghella joint venture), and the interfaces between the various Orchard Hills sites.

Please also consult with the NSW EPA, Penrith and Liverpool City Councils.

Kind regards,

Alex McGuirk

Senior Compliance Officer

NSW Planning | Department of Planning & Environment

Locked Bag 5022 | PARRAMATTA NSW 2124

www.dpie.nsw.gov.au



From: Derek Low <[REDACTED]>
Sent: Thursday, 7 December 2023 11:49 AM
To: DPE PSVC Compliance Mailbox <compliance@planning.nsw.gov.au>; [REDACTED]
[REDACTED]
[REDACTED]

Subject: Sydney Metro Western Sydney Airport - SSI 10051 - Independent Audit No. 5 - Department consultation

Hi there.

Sydney Metro Western Sydney Airport – SSI 10051 (the Project) is required to undertake Independent Audits in accordance with SSI 10051 condition A36 and the Department’s 2020 Independent Audits Post Approval Requirements (or IAPAR).

The Approval is available at the following link: <https://www.planningportal.nsw.gov.au/major-projects/project/35016>

The IAPAR is available at the following link: <https://www.planning.nsw.gov.au/-/media/Files/DPE/Other/Assess-and-regulate/About-Compliance/independent-audit-post-approval-requirements-2020-05-19.pdf>

The fifth audit on the Project is scheduled to commence in late January / early February 2024. The audit pertains to post-approval requirements and compliance covering packages SBT, SCAW and AEW. WolfPeak will not be auditing the SSTOM package (as previously communicated to Sydney Metro and the Department).

WolfPeak has yet to receive a letter of approval from the Department to undertake the fifth independent audit on the Project, and will not commence the audit until such approval is granted. Nevertheless, to provide the Department with adequate time to consider the scope of the audit, we provide this email on behalf of Sydney Metro inviting the Department to:

- identify any matters it wishes considered / focussed on in the audit, and
- for confirmation as to whether other parties or agencies are to be consulted.

As you will see the required scope (outlined in Section 3.3 of the IAPAR) already covers an assessment of each relevant condition along with all post approval documents prepared to satisfy the conditions of Approval, including an assessment of the implementation of Environmental Management Plans and Sub-plans, complaints, incidents and so forth. These are included in the audit scope for this Project.

In providing input to the scope, I kindly request Department confirm:

- if it any key issues it would like examined, relating to post-approval requirements and compliance that are not already called up by the scope in Section 3.3 of the IAPAR; or
- if it recommends that other parties or agencies are to be consulted. If so, I request that the Department identify those parties.

If the Department would like to meet to discuss any of the above, we would welcome this opportunity.

I look forward to hearing from you.

Regards,

Derek Low | Principal

Executive Director - Infrastructure & Environmental Assurance





P: 1800 979 716
[REDACTED]

A: Gadigal Country - Suite 2, Level 10, 82 Elizabeth St, Sydney NSW 2000

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Derek Low

From: Kyle Browne <K [REDACTED]>
Sent: Friday, 19 January 2024 11:38 AM
To: Derek Low
Subject: RE: Sydney Metro Western Sydney Airport - SSI 10051 - Independent Audit No. 5 (SBT, SCAW, AEW)

Hi Derek

No comment from the EPA.

Thanks

Kyle Browne

A/Unit Head
NSW Environment Protection Authority
D 02 9995 6107 [REDACTED]

From: Derek Low <[REDACTED]>
Sent: Friday, 19 January 2024 11:34 AM
To: [REDACTED]
[REDACTED]
[REDACTED]
Subject: RE: Sydney Metro Western Sydney Airport - SSI 10051 - Independent Audit No. 5 (SBT, SCAW, AEW)

Hi there. Just following up on the below.

If you could confirm if you wish to provide a response that would be appreciated.

Any response received after 06/02/24 may not be able to be considered within this audit.

Regards,

Derek Low | Principal
Executive Director - Infrastructure & Environmental Assurance



[REDACTED]
[REDACTED]
[REDACTED]

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From: Derek Low

Sent: Tuesday, January 9, 2024 1:05 PM

To: [REDACTED]@epa.nsw.gov.au; info@epa.nsw.gov.au

Cc: Christian Berg <[REDACTED]>; Tim Solomon <[REDACTED]>; Andrew Smith <[REDACTED]>; Ella Somerset <[REDACTED]>

Subject: Sydney Metro Western Sydney Airport - SSI 10051 - Independent Audit No. 5 (SBT, SCAW, AEW)

Hi there.

I am one of the Department of Planning and Environment (the Department) approved independent auditors on the Sydney Metro Western Sydney Airport – SSI 10051 (the Project).

I am currently preparing to undertake the fifth independent audit on the Project. The audit is required to be conducted in accordance with SSI 10051 condition A36 and the Department's 2020 *Independent Audits Post Approval Requirements* (or IAPAR).

The Approval is available at the following link: <https://www.planningportal.nsw.gov.au/major-projects/project/35016>

The IAPAR is available at the following link: <https://www.planning.nsw.gov.au/-/media/Files/DPE/Other/Assess-and-regulate/About-Compliance/independent-audit-post-approval-requirements-2020-05-19.pdf>

The on-site component of the audit is scheduled to occur on in February 2024, with the report to be submitted to the Department two months afterwards. The audit pertains to post-approval requirements and compliance on the SBT, SCAW and AEW packages. SSTOM is being audited by another auditor, and does not form part of the scope of the WolfPeak audit.

In accordance with Section 3.2 of the IAPAR and the Department's instructions, I am consulting with the EPA on the scope of the audit on the SBT, SCAW and AEW packages.

As you will see the required scope (outlined in Section 3.3 of the IAPAR) already covers an assessment of each relevant condition along with all post approval documents prepared to satisfy the conditions of Approval, including an assessment of the implementation of Environmental Management Plans and Sub-plans, complaints, incidents and so forth. These are included in the audit scope for this Project.

In providing input to the scope, I kindly request the EPA confirm if it any key issues it would like examined, relating to post-approval requirements and compliance that are not already called up by the scope in Section 3.3 of the IAPAR.

Any questions please let me know. I look forward to hearing from you.

Regards,

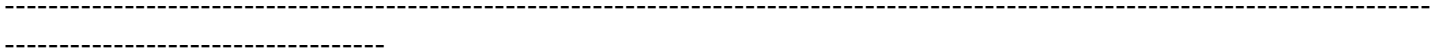
Derek Low | Principal

Executive Director - Infrastructure & Environmental Assurance



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Derek Low

From: Peter Nelson <[REDACTED]>
Sent: Monday, 22 January 2024 1:48 PM
To: Derek Low; Avanish.Panikkar@ghd.com
Cc: Luke Oste; Stella Qu; Charles Wiafe
Subject: Council response RE: Liverpool Council Request for comments in relation to Audit approach RE: SSI-10051 Sydney Metro WSA

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Good Morning Derek,

Thank you for the clarification. Council is satisfied that the scope under Section 3.2 of the *Independent Audits Post Approval Requirements* is appropriate. Your comment that you will also specifically identify how conditions pertinent to Council have been satisfied is appreciated.

Please provide a copy of the audit for Council's records once completed.

[REDACTED] if you could adopt the same approach, it would be appreciated.

@Derek Low the link to the previous audit you sent through does not work. If you could send through an alternative link it would be appreciated.

Regards,

Peter Nelson
Principal Strategic Planner

**LIVERPOOL
CITY
COUNCIL**

[REDACTED]
[REDACTED]ia
   www.liverpool.nsw.gov.au



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From: Derek Low <dlow@wolfpeak.com.au>
Sent: Friday, January 19, 2024 10:33 AM
To: Peter Nelson <NelsonP@liverpool.nsw.gov.au>
Cc: Luke Oste <OsteL@liverpool.nsw.gov.au>
Subject: RE: Liverpool Council Request for details of audit information required RE: SSI-10051 Sydney Metro WSA

Hi Peter. Thanks for responding.

I will be auditing every condition relevant to the SBT, SCAW and AEW packages and do not know the status of whether they are triggered with absolute certainty until the audit commences. Therefore, I will be checking the conditions you

have identified and assigning a compliance status, according to the works that have occurred and the evidence presented.

If you would like to see the findings from the previous audit it can be found here:
https://www.sydneymetro.info/sites/default/files/2023-10/Audit_report4_0.pdf

Derek Low | Principal
Executive Director - Infrastructure & Environmental Assurance



[Redacted]

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From: Peter Nelson <[Redacted]>
Sent: Friday, January 19, 2024 7:20 AM
To: [A \[Redacted\]](#) Derek Low <[Redacted]>
Cc: Luke Oste <[Redacted]>
Subject: Liverpool Council Request for details of audit information required RE: SSI-10051 Sydney Metro WSA

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Peter Nelson
Principal Strategic Planner

LIVERPOOL CITY COUNCIL [Redacted]
[Redacted]
   www.liverpool.nsw.gov.au



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Good Morning Avanish and Derek,

I refer to your e-mail below. I have reviewed the determination notice for SS1 10051 and have tabulated determination conditions relevant to Council. Before I undertake a review of Council's records to determine actions taken by the proponent, can you both please review the condition list below and indicate which section you are auditing, by quoting the relevant condition numbers.

Condition	Requirement	Action taken	Audit review required
A18	Site establishment management plan to be prepared in consultation with the relevant Council for any ancillary facility (excluding exempt or complying development, minor ancillary facilities determined by the ER to have minimal environmental impact and those established under Condition A22 and those considered in an approved CEMP)		
A34	Council to be provided 7 days' notice in relation to any construction		
A35	If construction of the CSSI is to be staged, the Department, Liverpool City Council and Penrith City Council must be notified in writing at least seven (7) days before the commencement of each stage, of the date of the commencement of that stage.		
C5	Notification of all CEMP sub plans to Council required		
C13	Notification of all Construction monitoring programs to Council required		
D3 and D5	Notification of all OEMP sub plans to Council required		
E12	Consult with Council in relation to the re-use of removed vegetation, seedbank etc.		
E17	(b) consult with the NSW State Emergency Service (SES) and Relevant Council(s) regarding the management of any continuous and residual flood risk from rarer flood events larger than the 1 per cent AEP and up to the probable maximum flood.		
E18	Flood information including flood reports, models and geographic information system outputs must be provided to the DPIE PDPS, Relevant Council(s), DPIE EES and the SES in order to assist in preparing relevant documents and to reflect changes in flood behaviour as a result of the CSSI. The DPIE PDPS, Relevant Council(s), DPIE EES and the SES must be notified in writing that the information is available no later than one (1) month following the completion of construction. Information requested by the DPIE PDPS, Relevant Council(s), DPIE EES or the SES must be provided no later than six (6) months following the completion of construction or within another timeframe agreed with the DPIE PDPS, Relevant Council(s), DPIE EES and the SES. The project flood models and data must be uploaded to the NSW Flood		

	Data Portal and access must be provided to the DPIE PDPS, Relevant Council(s), DPIE EES and SES no later than one (1) month following the completion of construction.		
E25	The Archival Recording Report must be submitted to the Planning Secretary, relevant councils and Heritage NSW for information within 12 months of completing all work described in the documents listed in Condition A1 in relation to heritage items. Copies of the Archival Recording Report must also be provided to relevant local historical societies.		
E27	The non-Aboriginal Archaeological Excavation Report must be submitted to the Planning Secretary, relevant councils and Heritage NSW for information within 12 months of completing all Work described in the documents listed in Condition A1 in relation to heritage items. Copies of the Report must also be provided to relevant local historical societies and local libraries		
E32	Aboriginal cultural heritage excavation report to be provided to Council.		
E58	The Operational Noise and Vibration Report must be prepared as part of the iterative design development and in consultation with the EPA, relevant council(s), other relevant stakeholders		
E74	The relevant council may be invited to the meetings of the Design Review Panel as observers or to provide feedback on key design elements of the CSSI.		
E77	A Place, Urban Design and Corridor Landscape Plan must be prepared to document and illustrate the permanent built works and landscape design of the CSSI and how these works are to be maintained. The PUDCLP must be: (a) prepared by a suitably qualified and experienced person(s) in consultation with the community (including the affected landowners and businesses or a representative of the businesses), Western Parklands City Authority, Western Sydney Planning Partnership and relevant council(s);		
E96	A Section A1 or Section A2 Site Audit Statement (accompanied by an Environmental Management Plan) and its accompanying Site Audit Report, which state that the contaminated land disturbed by the work has been made suitable for the intended land use, must be submitted to the Planning Secretary and the Relevant Council(s) after remediation and before the commencement of operation of the CSSI.		
E97	A copy of Detailed Site Investigation Report(s), Remedial Action Plan(s), Validation Report(s), Site Audit Report(s) and Site Audit Statement(s) must be submitted to the Planning Secretary and the Relevant Council(s) for information		

I understand that the consent notice is: <https://www.sydneymetro.info/sites/default/files/2021-11/SMWSA-Instrument-of-Approval-SSI-10051.pdf>

Please note that I will be on leave from 26/1/2024 – 01/03/2024. Should you require any further advice during this time, please contact [@Luke Oste](#).

I hope you are both keeping well.

Regards,

Peter Nelson
Principal Strategic Planner



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From: Avanish Panikkar [redacted] >
Sent: Tuesday, January 9, 2024 12:13 PM
To: Charles Wiafe [redacted]
Subject: SSI-10051 Sydney Metro WSA SSTOM environmental audit

Liverpool City Council
Charles Wiafe, Manager Transport Management
[redacted]

Dear Charles
I have been provided with your contact information by Sydney Metro, with regard to the planned audit of SSI-10051, for which I had sent the below email and attached letter requesting input.
Could you please peruse and let me know any comments or concerns to be addressed in the audit.
Regards
Avanish

From: A [redacted]
[redacted]
Subject: SSI-10051 Sydney Metro WSA SSTOM environmental audit

To the CEO
Liverpool City Council

Dear Sir

GHD has been engaged by Sydney Metro to undertake an Independent Environmental Audit of the SSI-10051 Western Sydney Airport SSTOM project. I have been approved by the DPE as the lead auditor. Please find attached a letter requesting Liverpool City Council's input and advice on the audit process.

Please let me know if you have any questions or comments.

Regards
Avanish

Dr Avanish K Panikkar

CEnvP., Ph.D., M.Eng.Sc., B.Tech (hons); M.EIANZ, M.AWA
Accredited Principal Env. Auditor (ExemplarGlobal #113142)
IPART Approved WICA Lead Auditor
JAZ-ANZ Water Quality Technical Expert
Adjunct Senior Lecturer at Griffith University
EIANZ NSW division committee, EIANZ PAeM committee
Senior Environmental Engineer

GHD

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GHD acknowledges the Traditional Owners of Country throughout Australia. We pay respect to their continuing culture and Elders past, present and emerging.
Click [GHD RAP](#) to learn about our Reconciliation Action Plan.

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From: Derek Low <████████████████████████████████████████████████████████████████████████████████>
Sent: Tuesday, January 9, 2024 10:01 AM
To: Charles Wiafe <████████████████████████████████████████████████████████████████████████████████> LCC <LCC@liverpool.nsw.gov.au>

Cc: [REDACTED]
[REDACTED]
[REDACTED]

Subject: Sydney Metro Western Sydney Airport - SSI 10051 - Independent Audit No. 5 (SBT, SCAW, AEW)

Hi there.

I am one of the Department of Planning and Environment (the Department) approved independent auditors on the Sydney Metro Western Sydney Airport – SSI 10051 (the Project).

I am currently preparing to undertake the fifth independent audit on the Project. The audit is required to be conducted in accordance with SSI 10051 condition A36 and the Department’s 2020 *Independent Audits Post Approval Requirements* (or IAPAR).

The Approval is available at the following link: <https://www.planningportal.nsw.gov.au/major-projects/project/35016>

The IAPAR is available at the following link: <https://www.planning.nsw.gov.au/-/media/Files/DPE/Other/Assess-and-regulate/About-Compliance/independent-audit-post-approval-requirements-2020-05-19.pdf>

The on-site component of the audit is scheduled to occur on in February 2024, with the report to be submitted to the Department two months afterwards. The audit pertains to post-approval requirements and compliance on the SBT, SCAW and AEW packages. SSTOM is being audited by another auditor, and does not form part of the scope of the WolfPeak audit.

In accordance with Section 3.2 of the IAPAR and the Department’s instructions, I am consulting with Council on the scope of the audit on the SBT, SCAW and AEW packages.

As you will see the required scope (outlined in Section 3.3 of the IAPAR) already covers an assessment of each relevant condition along with all post approval documents prepared to satisfy the conditions of Approval, including an assessment of the implementation of Environmental Management Plans and Sub-plans, complaints, incidents and so forth. These are included in the audit scope for this Project.

In providing input to the scope, I kindly request Council confirm if it any key issues it would like examined, relating to post-approval requirements and compliance that are not already called up by the scope in Section 3.3 of the IAPAR.

Any questions please let me know. I look forward to hearing from you.

Regards,

Derek Low | Principal
Executive Director - Infrastructure & Environmental Assurance



[REDACTED]
[REDACTED]
[REDACTED]

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Derek Low

From: Lauren Vallejo <[REDACTED]>
Sent: Monday, 22 January 2024 10:07 AM
To: Derek Low
Cc: Tim Solomon; Andrew Smith; Christian Berg; Hugh Chapman
Subject: RE: Sydney Metro Western Sydney Airport - SSI 10051 - Independent Audit No. 5 (SBT, SCAW, AEW)

You don't often get email from lauren.vallejo@penrith.city. [Learn why this is important](#)

Hi Derek

It seems I did not receive your email of 9 January 2024, despite my email address being correct. Nor was it forwarded to me for action from 'Penrith City Council – RECORDS', council@penrith.city, which is the expected process.

In response, I don't have any matter to raise or item to be examined by the audit.

Thanks for the opportunity to contribute.

Kind Regards
Lauren

Lauren Vallejo
Sydney Metro Interface Lead
City Strategy

[REDACTED]
[REDACTED]
[REDACTED]

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From: Derek Low <[REDACTED]>
Sent: Friday, January 19, 2024 11:35 AM
To: Lauren Vallejo <[REDACTED]>
[REDACTED]
[REDACTED]
Subject: RE: Sydney Metro Western Sydney Airport - SSI 10051 - Independent Audit No. 5 (SBT, SCAW, AEW)

EXTERNAL EMAIL: This email was received from outside the organisation. Use caution when clicking any links or opening attachments.

Hi there. Just following up on the below.

If you could confirm if you wish to provide a response that would be appreciated.

Any response received after 06/02/24 may not be able to be considered within this audit.

Regards,

Derek Low | Principal

Executive Director - Infrastructure & Environmental Assurance



[Redacted]

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From: Derek Low

Sent: Tuesday, January 9, 2024 9:59 AM

To: [Redacted]

[Redacted]

Subject: Sydney Metro Western Sydney Airport - SSI 10051 - Independent Audit No. 5 (SBT, SCAW, AEW)

Hi there.

I am one of the Department of Planning and Environment (the Department) approved independent auditors on the Sydney Metro Western Sydney Airport – SSI 10051 (the Project).

I am currently preparing to undertake the fifth independent audit on the Project. The audit is required to be conducted in accordance with SSI 10051 condition A36 and the Department's 2020 *Independent Audits Post Approval Requirements* (or IAPAR).

The Approval is available at the following link: <https://www.planningportal.nsw.gov.au/major-projects/project/35016>
The IAPAR is available at the following link: <https://www.planning.nsw.gov.au/-/media/Files/DPE/Other/Assess-and-regulate/About-Compliance/independent-audit-post-approval-requirements-2020-05-19.pdf>

The on-site component of the audit is scheduled to occur on in February 2023, with the report to be submitted to the Department two months afterwards. The audit pertains to post-approval requirements and compliance on the SBT, SCAW and AEW packages. SSTOM is being audited by another auditor, and does not form part of the scope of the WolfPeak audit.

In accordance with Section 3.2 of the IAPAR and the Department's instructions, I am consulting with Council on the scope of the audit on the SBT, SCAW and AEW packages.

As you will see the required scope (outlined in Section 3.3 of the IAPAR) already covers an assessment of each relevant condition along with all post approval documents prepared to satisfy the conditions of Approval, including an assessment of the implementation of Environmental Management Plans and Sub-plans, complaints, incidents and so forth. These are included in the audit scope for this Project.

In providing input to the scope, I kindly request Council confirm if it any key issues it would like examined, relating to post-approval requirements and compliance that are not already called up by the scope in Section 3.3 of the IAPAR.

Any questions please let me know. I look forward to hearing from you.

Regards,

Derek Low | Principal
Executive Director - Infrastructure & Environmental Assurance






[Redacted signature block]


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APPENDIX E – PHOTOS




No.	Comment	Photograph
SBT Claremont Meadows		
1	Tree protection in place	
2	Fish tank and basin in operations after 40mm of rain	
3	Fish tank and basin in operations after 40mm of rain	

No.	Comment	Photograph
4	TBM casing within shaft after TBM passthrough.	
5	Basin functioning under 40mm rain.	
6	IBCs of polymer and surfactant being temporarily held until being shipped to Orchard Hills. These were contained by a makeshift earth bund (not to code), but were in the process of being shipped to Orchard Hills.	
SBT Orchard Hills		


No.	Comment	Photograph
7	Receiving location of IBCs. Note pallet bunds ready for deployment.	
8	Sediment Basin 8 at capacity following 40mm of rain. Note spillway is to far right of shot.	
9	Recently installed automated wheelwash (at rear of shot), and manual cleaning in foreground.	

No.	Comment	Photograph
10	Unstabilised swale drain from SSTOM, discharging onto SBT	
11	Tunnelling support activities ongoing.	

No.	Comment	Photograph
12	Tanker collecting excess surface water for transfer to the water treatment plant.	
13	Two street sweepers in operation on Kent Road	
SBT Bringelly		
14	Basin functioning well under 40mm of rain.	

No.	Comment	Photograph
15	Water treatment plant operations ongoing.	
SCAW Elizabeth Drive		
16	Significant combined surface water flows from M12 and SCAW into the chain of basins parallel to Elizabeth Drive.	
17	Significant combined surface water flows from M12 and SCAW into the chain of basins parallel to Elizabeth Drive.	

No.	Comment	Photograph
18	Boundary controls well stabilised and functioning along the alignment.	
SCAW alignment (near MSF)		
19	PS105 containment cell receiving ACM from other sites.	
20	Viaduct piers installed and earthworks established at creek crossings.	
SCAW near Orchard Hills		




No.	Comment	Photograph
21	Culvert (right of shot) and fauna crossing (left of shot) installed at orchard Hills.	


SCAW near Luddenham Road

22	Viaduct works ongoing.	
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23	Viaduct works ongoing. Boundary controls functioning well.	
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SCAW Defence

No.	Comment	Photograph
24	Viaduct piers underway.	
SCAW near Warragamba Pipeline		
25	Piers installed and formation underway.	
FSM		
26	FSM laydown, well maintained.	

No.	Comment	Photograph
27	Platform works repaired and safe to walk on.	



No.	Comment	Photograph
28	Minor Ancillary Facility outside Project footprint	 A photograph showing a dirt path or road on the left side of a railway track. The path is bordered by a chain-link fence and some vegetation. The railway tracks are visible on the right, with overhead power lines and poles. The ground is dry and rocky, with some sparse green grass. The sky is clear and blue.

APPENDIX F – DECLARATIONS

Project Name:	Sydney Metro Western Sydney Airport
Consent Number:	SSI 10051
Description of Project:	<p>Development of the Sydney Metro Western Sydney Airport project comprising:</p> <ul style="list-style-type: none"> • construction and operation of approximately 23 kilometres of railway track between the T1 Western Line rail line and the proposed Western Sydney Aerotropolis in Bringelly, • construction and operation of new stations and associated ancillary infrastructure at St Marys, Orchard Hills, Luddenham and the Aerotropolis Core precinct, • interchange links with the existing T1 Western Line rail line, • construction and operation of a train stabling and maintenance facility, including an operational control centre, • construction and operation of associated rail infrastructure facilities, • construction of tunnels, bridges, viaducts and associated works, • site preparation and enabling earthworks, including land remediation, • associated ancillary infrastructure and works.
Project Address:	Sydney Metropolitan area
Proponent:	Sydney Metro
Title of Audit	Independent Audit No. 5
Date:	18 March 2024


I declare that I have undertaken the Independent Audit and prepared the contents of the attached Independent Audit Report and to the best of my knowledge:

- i. the audit has been undertaken in accordance with relevant condition(s) of consent and the *Independent Audit Post Approval Requirements (Department 2020)*;
- ii. the findings of the audit are reported truthfully, accurately and completely;
- iii. I have exercised due diligence and professional judgement in conducting the audit;
- iv. I have acted professionally, objectively and in an unbiased manner;
- v. I am not related to any proponent, owner or operator of the project neither as an employer, business partner, employee, or by sharing a common employer, having a contractual arrangement outside the audit, or by relationship as spouse, partner, sibling, parent, or child;
- vi. I do not have any pecuniary interest in the audited project, including where there is a reasonable likelihood or expectation of financial gain or loss to me or spouse, partner, sibling, parent, or child;
- vii. neither I nor my employer have provided consultancy services for the audited project that were subject to this audit except as otherwise declared to the Department prior to the audit; and
- viii. I have not accepted, nor intend to accept any inducement, commission, gift or any other benefit (apart from payment for auditing services) from any proponent, owner or operator of the project, their employees or any interested party. I have not knowingly allowed, nor intend to allow my colleagues to do so.

WolfPeak has involvements in this Project. Details are declared on page 2 of this document.

Notes:

- a) Under section 10.6 of the *Environmental Planning and Assessment Act 1979* a person must not include false or misleading information (or provide information for inclusion in) in a report of monitoring data or an audit report produced to the Minister in connection with an audit if the person knows that the information is false or misleading in a material respect. The proponent of an approved project must not fail to include information in (or provide information for inclusion in) a report of monitoring data or an audit report produced to the Minister in connection with an audit if the person knows that the information is materially relevant to the monitoring or audit. The maximum penalty is, in the case of a corporation, \$1 million and for an individual, \$250,000; and
- b) The *Crimes Act 1900* contains other offences relating to false and misleading information: section 307B (giving false or misleading information – maximum penalty 2 years imprisonment or 200 penalty units, or both)

Name of Auditor:	Derek Low
Signature:	
Qualification:	Master of Environmental Engineering Management Exemplar Global Auditor Number 114283
Company:	WolfPeak Pty Ltd

Derek Low has no personal conflicts.

WolfPeak would like to declare the following involvement in the Project (as notified to the Department prior to the audit):

Sydney Metro Western Sydney Airport SSI 10051 – Station Box and Tunnels

One (1) staff member is acting as the ISC Independent Sustainability Professional (ISP) on the SBT package. According to the IS Technical Manual, the ISP must be independent from a Project. This staff member does not form part of the audit team. This support is expected to continue for the life of the package. This ISP engagement commenced after the first Independent Audit and was declared to Sydney Metro and the Department prior to commencing the second, third, fourth and fifth Independent Audits.

Historical involvements

Two (2) WolfPeak staff members were providing environmental support to the contractor. These people did not form part of the audit team. This was declared to Sydney Metro and the Department prior to commencing the first, second, third, fourth and fifth Independent Audits.

WolfPeak's involvement in this package was completed in October 2022 and we do not expect any further involvement at this time.

Sydney Metro Western Sydney Airport SSI 10051 – Surface and Civil Alignment Works

Two (2) staff members are providing sustainability support to the contractor. This support is expected to continue until Q2 2024. The staff members do not form part of the audit. This involvement commenced after the first Independent Audit and was declared to the Sydney Metro and the Department prior to undertaking the second, third, fourth and fifth Independent Audits.

Historical involvements

One (1) WolfPeak staff member was providing environmental support to the contractor. This person did not form part of the audit team. This involvement commenced after the first Independent Audit and was declared to Sydney Metro and the Department prior to undertaking the second third, fourth and fifth Independent Audits.

WolfPeak's involvement in this package was completed in October 2022 and we do not expect any further involvement at this time.

Sydney Metro Western Sydney Airport SSI 10051 – SSTOM

WolfPeak is supporting the contractor with preconstruction environmental documentation including the Construction Environmental Management Plan and associated documents.

WolfPeak has not audited SSTOM at any time.

Controls in place to manage potential conflict

The following controls were/are in place to manage potential conflicts during the Independent Audit.

- WolfPeak will not audit its own work.
- None of the nominated WolfPeak audit team have provided or will provide any other services to the Project.
- None of the WolfPeak employees who have or are working for the contractor/s are on the WolfPeak audit team.
- The WolfPeak audit team has signed non-disclosure agreements with Sydney Metro.

- The WolfPeak employees who have or are working for the contractor/s have signed non-disclosures with the contractor/s.
- The following controls are in place to manage the potential for unintended sharing of information:
 - The WolfPeak employees who have or are working for the contractor/s have worked / are working in the contractor systems and drives. They have not or do not undertake work on the Project within WolfPeak systems and drives. The only records retained on the WolfPeak drives are the engagement contract / agreement and information required for invoicing (timesheets). To note, the WolfPeak ISC Independent Sustainability Professional is an independent role and therefore continues to work on WolfPeak systems.
 - The WolfPeak audit team does not have access to the contractor/s systems and drives unless this is arranged by the contractor during an Independent Audit in their role as an auditee and as a method of sharing files for the purposes of being subject to audit.
 - The WolfPeak Project (i.e.: Sydney Metro Independent Audit services) files / folders have been locked so only the WolfPeak audit team has access.
- WolfPeak team who have or are working for the contractor/s have not been / are not the owners of any of the documents being produced. WolfPeak assists with drafting and preparation for the contractor managers / advisors to finalise and implement.
- WolfPeak team who have worked on site for the contractor/s were not responsible for site works. WolfPeak provides feedback to the contractor managers / advisors to consider.