



INDEPENDENT AUDIT NO. 4 – AUDIT REPORT

SYDNEY METRO WESTERN SYDNEY AIRPORT
SSI 10051

SEPTEMBER 2023

Authorisation

Author name	Derek Low	Reviewer / approver name	Steve Fermio
Author position	Lead Auditor	Review position	Reviewer
Author signature		Reviewer / approver signature	
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Prepared for:
Sydney Metro
Level 43, 680 George Street
Sydney, NSW, 2000

Prepared by:
WolfPeak Pty Ltd

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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 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.

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 (23 February 2023 – 21 August 2023)¹:

- AEW:
 - SPO: Lift shaft, superstructure erection, façade and roofing installation and internal fit out
 - FSM: Geotechnical investigation, piling and canopy removal.
 - Water: Investigations, trenching, pipe installation.
- SBT:
 - St Marys: Completion of piling, water treatment plant construction and operations, western and southwestern station box capping beam and upstand wall. Stub tunnel excavation, station box invert blinding, station box excavation, stockpiling, anchoring and shotcrete within the station box ongoing.
 - Claremont Meadows: Construction and operation of water treatment plant, sediment basin installation, bulk excavation, haulage, material stockpiling, ring cap pours and anchor installation ongoing.
 - Orchard Hills: Completion of tower crane assembly, piling and segment storage pad expansion in northeast and west. Construction of spoil storage bays and grout plant, bulk excavation, soil nail installation, shotcreting, assembly of TBMs, blinding, capping beams and water treatment plant commissioning ongoing.
 - Bringelly: Completion of water treatment plant installation. Bulk excavation is ongoing.
 - Aerotropolis: Completion of station box capping beam and upstand, piling and PFAS remediation. Bulk excavation, shotcreting, soil nail installation, and water treatment plant construction have commenced and are ongoing.
- SCAW:
 - Stabling and Maintenance Facility (SMF): Clearing and grubbing, additional compound construction, importation of fill and bulk earthworks ongoing.
 - Elizabeth Drive: Site compound establishment and Super T placement completed.

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.

- M12 to Cosgrove's Creek: Clearing and access tracks completed.
- Luddenham Station: Clearing, stripping, access track installation and compound establishment complete. Piling and preparatory works for roundabout construction have commenced and are ongoing.
- Luddenham Road South: Clearing and piling works complete. Minor ancillary facility establishment ongoing.

At the time of the Independent Audit, works on SSTOM had yet to commence.

The Independent Audit

This Audit Report presents the findings from the third Independent Audit on the Project, covering the period from 23 February 2023 to 21 August 2023 (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 (HBI) and its contractors (Built, Laing O'Rourke, CPBG and CPBU).

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 fourth Independent Audit:

- There were 222 conditions assessed.
- 171 conditions were considered to be compliant.
- Four (4) non-compliances were identified. These relate to implementation of the SPO SEMP, submission of monitoring reports, and late submission of a CTMP to the Department.
- 47 conditions were considered not triggered.
- In addition to the above, 22 observations were identified. These relate to an update to the proponents response to the third Independent Audit Report, Project signage, implementation of the Community Communications Strategy, content of the Complaints Register, implementation of the CEMP, Sub-plans and monitoring programs, dust management, consultation on the DNVISs, management of cumulative impacts, consultation on the Place, Urban Design and Corridor Landscape Plan, completion of post-construction condition surveys, advice from the Independent Property Impact Assessment Panel, implementation of the Unexpected Contaminated Land and Asbestos Finds Procedure, implementation of the Sustainability Management Plan, stabling of heavy vehicles and implementation of erosion and sediment controls.

With respect to the status of the eleven (11) findings that were open at the time of completion of the third Independent Audit:

- Nine (9) previously open findings are considered by the Auditor to be closed.
- Two (2) findings are considered still open. These relate to Sydney Metro undertaking audits on the implementation of the CEMP and sub-plans, and implementation of the SBT Water Reuse Plan.

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.

According to the complaints register 53 complaints were received between 23 January 2023 (the last date of complaints assessed for the third Independent Audit) and 30 June 2023. SBT was the primary source of the complaints and most came from the Orchard Hills area. The issues most prevalent were traffic, transport and parking, noise and vibration, water and soil management and air quality. As noted in finding 10051_IA4_6, the complaints register includes a requirement to provide a justification for a complaint being unavoidable, however 5 x 'unavoidable' complaints did not have an associated justification. This was subsequently resolved.

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.

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

- SBT's use of a consultation tracking spreadsheet is a robust tool in helping demonstrate that the Community Communications Strategy has been implemented.
- The management of dust, noise and vibration, Out of Hours Work, 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.
- Soil and water impacts arising from SBT's works during the audit period required additional attention from the contractor (CPBG). However, the Auditor has reviewed the ER Inspection Reports and the regulatory notices and is of the view that many of the issues stem from deficiencies in site management identified during the third audit period (which then extended into this fourth period). The Auditor is of the view that significant improvements to soil and water controls have been implemented and recommends that this continue until the sites are permanently stabilised.
- The Auditor is of the view that cumulative impacts are being managed at a high level, and to date these impacts do not appear to have been significant on nearby receivers. However the following management measures should be considered by Sydney Metro (and its neighbouring projects) as development around the airport continues to intensify:
 - broadening the membership of the Communication Interface Coordination Group (CICG) to include representatives from projects / sites that could generate cumulative impacts (rather than only those with project sites shared or adjacent to Sydney Metro)

- ensuring the CICG complete a regular review of the programs of Out of Hours Works planned by Sydney Metro and its neighbouring projects (to help identify the potential for cumulative or consecutive impacts)
- introducing a process by which Detailed Noise and Vibration Impact Statements (DNVIs) and other noise and vibration assessments include activities / impacts of third parties (or require a justification as to why inclusion of this information is not required).

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 (HBI) and its contractors (CPBG, CPBUI, Laing O'Rourke, Quickway and Built) 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.

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.

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 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.

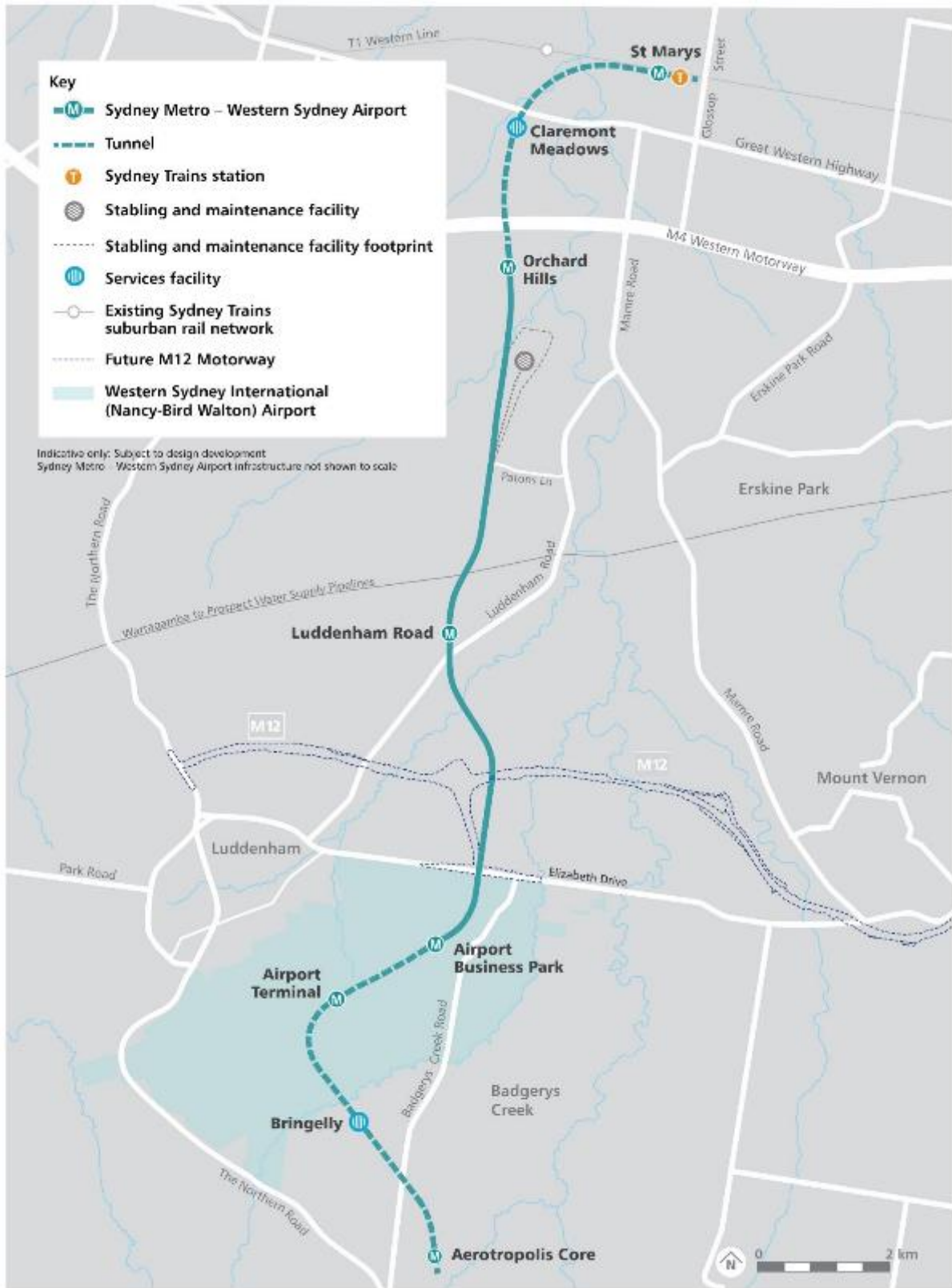


Figure 1: Project location and overview (source: Project EIS)

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.

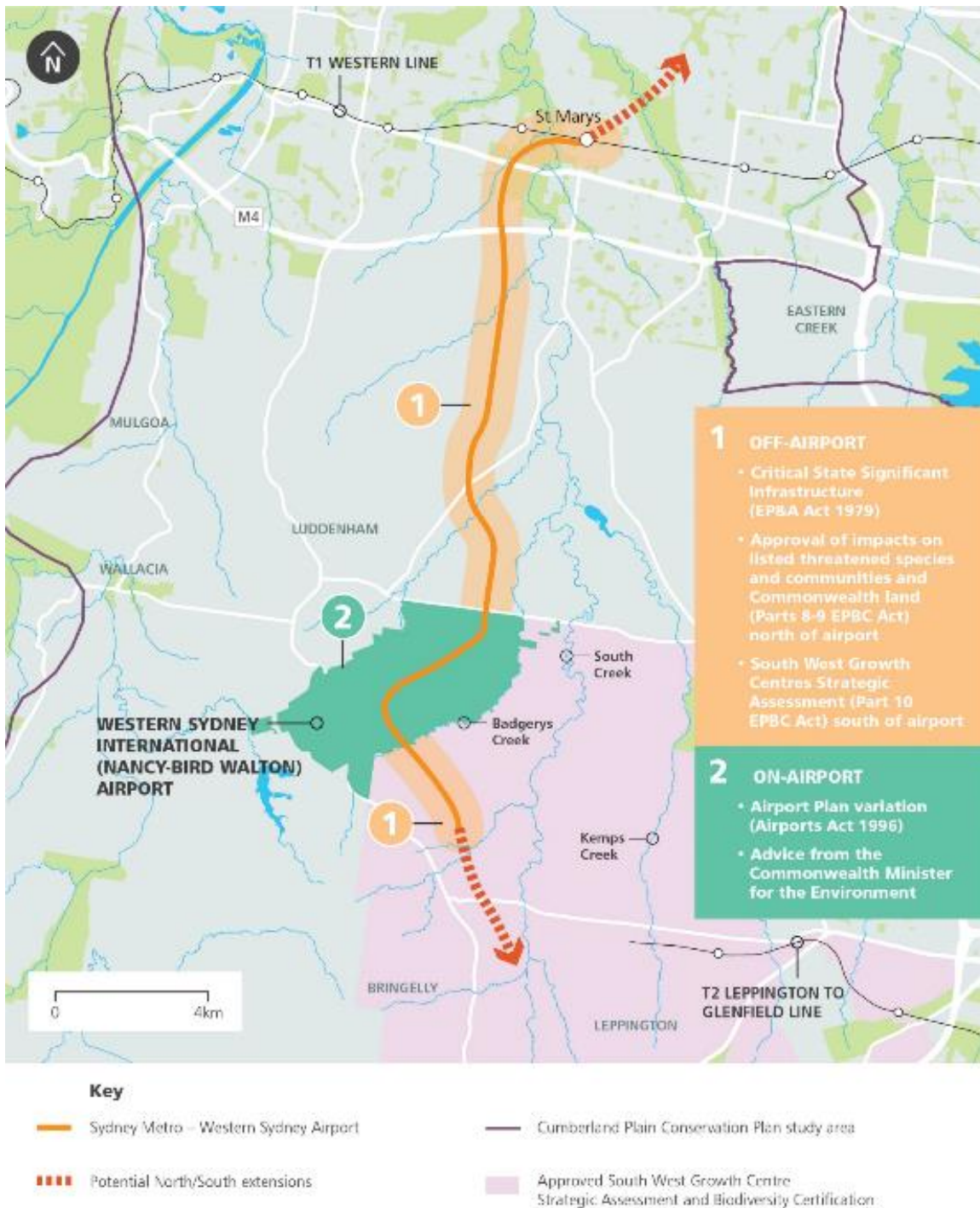


Figure 2: Sydney Metro Western Sydney Airport Planning Approval Strategy (source: Project EIS)

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

One consistency assessment was determined by Sydney Metro during the audit period, as follows:

Dam Dewatering and Earthworks, 10 May 2023

CPB and United Infrastructure (CPBUI) proposed to temporarily expand the construction footprint around two dams, one North of Elizabeth Drive and one South of Luddenham Road. This was to facilitate dam dewatering and earthworks required to support construction of the project. 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 10 May 2023, Sydney Metro determined that the adjustment is consistent with the Project Approval.

The aforementioned consistency assessment has been included in the scope of this audit.

1.1.3 Staging

A Staging Report² (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 Report³, 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 IPO)
 - AEW – Power
 - AEW – Roadworks
 - AEW – Footbridge St Marys (FSM)
 - AEW – St Marys Station Lift Relocation
 - AEW – St Marys Temporary Bus Interchange (TBI)
 - AEW – Water.

² The previously approved Staging Report (Revision 7.0, 30 September 2022) underwent two minor updates during the audit period (updated to Revision 9.0, 5 May 2023). The updates comprised:

- Rev 8:
 - updates to Section 3.2.1 Advanced and Enabling Works to include construction of water supply to the Stabling and Maintenance Facility,
 - updates to Appendix D regarding the applicability of REMM ONAH2 to AEW Footbridge St Marys
- Rev 9:
 - amend the arrangements under conditions C2, C7 and C17 for the approval of the following documents for the Stations, Systems, Trains, Operations and Maintenance (SSTOM) stage:
 - Construction Environment Management Plan (CEMP)
 - Non-Aboriginal Heritage Management Sub-Plan (NAHMP)
 - Flora & Fauna / Biodiversity Management Sub-Plan (FFMP)
 - Groundwater Monitoring Program (GMP)
 - Air Quality Monitoring Program (AQMP)
 - In each case, it is proposed that the Environmental Representative (ER) would become the approver of the plan or monitoring program under the approval.

Revision 8.0 of the Staging Report was accepted by the Department on 14 March 2023. Revision 9.0 of the Staging Report was accepted by the Department on 26 May 2023, noting that only the GMP for the SSTOM stage was suitable for being determined by the ER instead of the Planning Secretary.

³ Refer to Revision 9.0 of the Staging Report for full descriptions of the construction stages.

- **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 commission; 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. Staged operation is not currently proposed.

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 ⁴	30/01/23.	Ongoing at the time of writing this Audit Report.

⁴ SPO does not involve construction as defined by the Approval. Dates refer to establishment works.

Stage	Construction start date	Construction finish date
AEW – Power	04/02/22	21/09/22 ⁵ (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	Estimated: Q4 2023
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
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 (23 February 2023 – 9 August 2023)⁶:

- AEW:
 - SPO: Lift shaft, superstructure erection, façade and roofing installation and internal fit out
 - FSM: Geotechnical investigation, piling and canopy removal.
 - Water: Investigations, trenching, pipe installation.

⁵ Sydney Metro has reported two completion dates for this stage (21 September 2022 as reported in the third audit and 17 October 2022 as reported in the fourth audit), both of which were prior to the current audit period.

⁶ According to the Environmental Representative Monthly Reports, the works observed during the site inspection and the works described by the auditees during the interviews.

- SBT:
 - St Marys: Completion of piling, water treatment plant construction and operations, western and southwestern station box capping beam and upstand wall. Stub tunnel excavation, station box invert blinding, station box excavation, stockpiling, anchoring and shotcrete within the station box ongoing.
 - Claremont Meadows: Construction and operation of water treatment plant, sediment basin installation, bulk excavation, haulage, material stockpiling, ring cap pours and anchor installation ongoing.
 - Orchard Hills: Completion of tower crane assembly, piling and segment storage pad expansion in northeast and west. Construction of spoil storage bays and grout plant, bulk excavation, soil nail installation, shotcreting, assembly of TBMs, blinding, capping beams and water treatment plant commissioning ongoing.
 - Bringelly: Completion of water treatment plant installation. Bulk excavation is ongoing.
 - Aerotropolis: Completion of station box capping beam and upstand, piling and PFAS remediation. Bulk excavation, shotcreting, soil nail installation, and water treatment plant construction have commenced and are ongoing.
- SCAW:
 - Stabling and Maintenance Facility (SMF): Clearing and grubbing, additional compound construction, importation of fill and bulk earthworks ongoing.
 - Elizabeth Drive: Site compound establishment and Super T placement completed.
 - M12 to Cosgrove's Creek: Clearing and access tracks completed.
 - Luddenham Station: Clearing, stripping, access track installation and compound establishment complete. Piling and preparatory works for roundabout construction have commenced and are ongoing.
 - Luddenham Road South: Clearing and piling works complete. Minor ancillary facility establishment ongoing.

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 audit team for this, fourth, 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)
Steve Fermio	WolfPeak	Auditor/reviewer	Exemplar Global Certified Lead Environmental Auditor (Certificate No 110498)

Approval of the audit team was provided by the Department on 13 July 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 fourth Independent Audit.

1.4 Audit scope

This Audit Report relates to the fourth Independent Audit on the Project, covering the period from the 23 February 2023 to 21 August 2023 (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 all of those where works have been undertaken during the audit period. These primarily relate to SBT (Bulk Excavation and Tunnelling Works), and SCAW (Main Excavation and Viaduct Works). Some minor works associated with AEW SPO, AEW FSM and AEW Water were conducted during the audit period. These AEW activities were also included in the audit.

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

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

- The Proponent: Sydney Metro
- The Environmental Representatives: 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 SPO principal contractor: Built
- The AEW FSM principal contractor: Laing O'Rourke
- The AEW Water principal contractor: Quickway.

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

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.

WolfPeak consulted with the Department on 30 June 2023 to obtain its input into the scope of the Independent Audit in accordance with Section 3.2 of the IAPAR. No comments or issues were raised by the Department.

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	All	Manager Environment	Chris Berg	Opening meeting, interviews and document reviews, closing meeting
Sydney Metro	AEW	Environment Coordinator	Ella Somerset	Opening meeting, inspection (all AEW sites), interviews and document reviews, closing meeting
Sydney Metro	AEW	Environment Coordinator	Luke Brevia	Interviews and document reviews
Sydney Metro	All	Communication & Stakeholder Manager	Peter Gresser	Interview, document transmittal
Sydney Metro	All	Communication & Stakeholder Manager	Rhys Haynes	Interview, document transmittal
Sydney Metro	All	Design Manager	Danyelle Sok	Interview and document reviews
Sydney Metro	All	Archaeological Heritage Advisor	Georgia Wright	Interview and document reviews
Sydney Metro	All	Archaeological Heritage Advisor	Colin Davison	Interview and document reviews
Sydney Metro	St Marys	Project Manager	Ben Harris	Inspection (St Marys)
Sydney Metro	All	Project Manager	Alvin Fu	Inspection (Orchard Hills)
HBI	SBT	Environmental Representative	Rui Henriques	Site inspection (all SBT sites)
HBI	SCAW, AEW	Environmental Representative	Alex Gale	Site inspection (all SCAW and AEW sites)
CPBG	SBT	Approvals, Environment & Sustainability Manager	Emma Kline	Opening meeting, interviews and document reviews, closing meeting

Organisation	Stage / Package	Position Title	Name	Involvement
CPBG	SBT	Project Services Director	Travis Butler	Opening meeting
CPBG	SBT	Approvals and Sustainability Manager	Jeremy Slattery	Opening meeting, interviews and document reviews
CPBG	SBT	Environmental Coordinator	Josh Cosier	Interviews and document reviews, closing meeting
CPBG	SBT	Environmental Coordinator	Emily Fuda	Inspection (Aerotropolis)
CPBG	SBT	Environmental Coordinator	Mary Wong	Inspection (St Marys)
CPBG	SBT	Environmental Operations Manager	Phil Rowan	Inspection (all SBT sites)
CPBG	SBT	Environmental Operations Manager (Acting)	Matt Natonewski,	Inspection (all SBT sites)
CPBG	SBT	Project Manager	Rob Netterfield	Inspection (St Marys)
CPBG	SBT	Environmental Coordinator	Jack Brennan	Inspection (Orchard Hills)
CPBG	SBT	Site Superintendent	Peter Dixon	Inspection (Orchard Hills)
CPBG	SBT	Site Engineer	Kesh Kiritharan	Inspection (Aerotropolis)
CPBG	SBT	Project Manager	Dennis Ward	Inspection (Aerotropolis)
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, closing meeting
CPBUI	SCAW	Environment Manager	Michael Watts	Opening meeting, inspection (all SCAW sites), interviews and document reviews, closing meeting
CPB (Corporate)	SCAW	Group Environment Manager	Mikaela Malcolm	Opening meeting
CPBUI	SCAW	Environment Coordinator	Maddison Said	Inspection (all SCAW sites), interviews and document reviews

Organisation	Stage / Package	Position Title	Name	Involvement
CPBUI	SCAW	Environment Coordinator	Josh Jenkins	Inspection (all SCAW sites), interviews and document reviews, closing meeting
CPBUI	SCAW	Community Manager	Joel Warne	Interview and document reviews
Laing O'Rourke	AEW FSM	Environment Manager	Lucas Dobrolot	Inspection, interviews and document reviews
Laing O'Rourke	AEW FSM	Environment Advisor	Lochlan Browne	Inspection, interviews and document reviews, closing meeting
Transport for NSW	AEW FSM	Senior Environment Manager	Phillipa Hendy	Inspection, interviews and document reviews, closing meeting
Transport for NSW	AEW FSM	Senior Environment and Sustainability Officer	Emmanuel Smith	Closing meeting
Transport for NSW	AEW FSM	Senior Environment and Sustainability Officer	Hayley Scapin	Closing meeting
Built	AEW SPO	Project Manager	Allesandro Serratore	Inspection, interviews and document reviews
Built	AEW SPO	Project Manager	Raghuram Muguli	Inspection, interviews and document reviews, closing meeting
Sydney Metro	AEW SPO	Project Manager	Alvin Yap	Closing meeting
Quickway	AEW Water	Environmental Manager	Tom St Vincent Welch	Inspection, interviews and document reviews
Quickway	AEW Water	Senior Project Engineer	Pauric Quinn	Inspection, interviews and document reviews
Sydney Metro	AEW Water	Project Manager	Mark Barabas	Closing meeting
Quickway	AEW Water	Environmental Graduate	Daniel Mutkins	Closing meeting
Sydney Metro	AEW Water	Utilities Project Manager	Yasadi Peiris	Closing meeting

2.2.4 Meetings

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

Opening meetings were held remotely (via Teams) on 27 July 2023. During the opening meeting, 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 6 September, SCAW on 7 September and AEW on 11 September 2023. At the closing meeting, 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 for SBT and SCAW occurred on 31 July 2023, and for AEW on 7 August 2023. All sites were inspected, being:

- SBT: St Marys, Claremont Meadows, Orchard Hills, Bringelly and Aerotropolis
- SCAW: Stabling and Maintenance Facility, Elizabeth Drive, M12 to Cosgrove's Creek, Luddenham Station and Luddenham Road south.
- AEW: SPO, FSM and all AEW Water sites.

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: 1 and 2 August 2023 (face-to-face)
- SCAW and Sydney Metro: 3 and 4 August 2023 (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 10 July and 10 August 2023. Responses were provided by the auditees on 21 July and 18 August 2023 respectively.

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 30 June 2023
- Sydney Metro Western Sydney Airport incident register current to 30 June 2023
- 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, 23 September 2022 including Noise and Vibration Monitoring Program and evidence of consultation

- SBT NSW (Off-airport) Flora and Fauna Management Sub-plan, 21 September 2022 including procedures and evidence of consultation
- SBT NSW (Off-Airport) Soil and Water Management Sub-Plan, 21 September 2022 including groundwater monitoring program, surface water monitoring program, procedures, evidence of consultation
- 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 - St Marys Station, February 2023
- SBT Detailed Noise and Vibration Impact Statement - Claremont Meadows Ventilation Facility, March 2023
- SBT Detailed Noise and Vibration Impact Statement - Aerotropolis Core Station, April 2023
- SBT Detailed Noise and Vibration Impact Statement - Bringelly Services Facility, 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, 4 November 2022
- SCAW Noise and Vibration Management Sub-plan, 4 November 2022 including noise and vibration monitoring program and records of consultation
- SCAW Spoil Management Plan, 29 September 2022
- SCAW Non-Aboriginal Heritage Sub-plan, 4 October 2022 including procedures and evidence of consultation
- SCAW Fauna and Flora Management Sub-plan, 13 March 2023 including procedures, and evidence of consultation
- SCAW Visual Amenity Management Plan, 19 October 2022
- SCAW Soil and Water Management Sub-plan, 4 November 2022 including surface water quality monitoring program, procedures and evidence of consultation
- SCAW Air Quality Management Subplan, 29 September 2022 including air quality monitoring program, procedures and evidence of consultation
- SCAW Waste Management Sub-plan, 10 October 2022
- 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 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
- AEW SPO Site Establishment Management Plan (SEMP), SSTOM Project Office, Built, 15 July 2023
- AEW SPO St Marys SSTOM Project Office Detailed Noise and Vibration Impact Statement, 23 February 2023
- AEW FSM Construction Environmental Management Plan, 15 May 2023
- AEW FSM St Marys Detailed Noise and Vibration Impact Statement, 1 November 2022
- AEW Water Construction Environmental Management Plan, 13 June 2023
- AEW Water Detailed Noise and Vibration Impact Statement, 23 June 2023.

3.2 Non-compliances, Observations and Actions

This Section presents findings from this (fourth) Independent Audit. The summary of conditions assessed and compliance status from the fourth Independent Audit is presented in Table 5. The non-compliances and observations (along with associated recommended or completed actions) from the fourth 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 third Independent Audit) is presented in Table 7.

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

Part of the Project Approval	No. of conditions assessed	Compliance status		
		Compliant	Non-compliant	Not triggered
Part A	47	39	1	7
Part B	11	11	0	0
Part C	22	19	2	1
Part D	8	0	0	8
Part E	134	102	1	31
Total	222	171	4	47

With respect to findings from the fourth Independent Audit:

- There were 222 conditions assessed.
- 171 conditions were considered to be compliant.
- Four (4) non-compliances were identified. These are detailed in Table 6 below, and relate to implementation of the SPO SEMP, submission of monitoring reports, and late submission of a CTMP to the Department.
- 47 conditions were considered not triggered.
- In addition to the above, 22 observations were identified. These are detailed in Table 6 below, and relate to an update to the proponents response to the third Independent Audit Report, Project signage, implementation of the Community Communications Strategy, content of the Complaints Register, implementation of the CEMP, Sub-plans and monitoring programs, dust management, consultation on the DNVISs, management of cumulative impacts, consultation on the Place, Urban Design and Corridor Landscape Plan, completion of post-construction condition surveys, advice from the Independent Property Impact Assessment Panel, implementation of the Unexpected Contaminated Land and Asbestos Finds Procedure, implementation of the Sustainability Management Plan, stabling of heavy vehicles and implementation of erosion and sediment controls.

With respect to the status of the eleven (11) findings that were open at the time of completion of the third Independent Audit:

- Nine (9) previously open findings are considered by the Auditor to be closed.
- Two (2) findings are considered still open. These relate to Sydney Metro undertaking audits on the implementation of the CEMP and sub-plans, and implementation of the SBT Water Reuse Plan.

Table 6: Findings from the fourth Independent Audit (August 2023)

Item	Ref	Type	Requirement	Finding	Recommended or completed action ⁷	By Whom and by When	Status ⁸
10051_IA4_1	A18	Non-compliance	<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>(i) meet the performance outcomes stated in the documents listed in Condition A1; and</p> <p>(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>	<p>Non-compliance: The SPO Site Establishment Management Plan (SEMP) appears to have been implemented during the audit period with the exception of the following:</p> <ul style="list-style-type: none"> The SPO SEMP includes a commitment to ensure Tree Protection Zones (TPZs) are maintained. Whilst the ER Inspection Reports acknowledge the presence of TPZs on site, during the audit site inspection materials were stored within several TPZs. Built advise that this occurred due to a neighbouring contractor requiring space to conduct their work. The Auditor does not consider this to be a valid reason to encroach on the TPZs. Nevertheless, the deficiency was rectified on the same day as the audit site inspection. The SPO SEMP required attended noise monitoring at the commencement of delivery and installation of prefabricated elements to confirm the actual noise. This did not occur due to inclement weather, then lack of availability of the noise consultant. No noise complaints have been received in relation to SPO works. <p>Built have referred to various sections and commitments from their DNVIS and to monitoring conducted at a later date on different activities. The Auditor acknowledges Built's position, but is of the view that these actions do not preclude the need to comply with the requirement from the SPO SEMP.</p>	<p>Materials were removed from within TPZs on the day of the audit site inspection.</p> <p>The delivery and installation of prefabricated elements was completed months prior to the writing of this Report, with fit-out works well underway during the audit site inspection. It is understood that site establishment works are almost complete (with handover to Sydney Metro and SSTOM occurring imminently).</p>	Built	CLOSED
10051_IA4_2	A36	Observation	<p>Independent Audits of the CSSI must be conducted and carried out in accordance with the Independent Audit Post Approval Requirements (DPIE, 2020).</p>	<p>Observation: The Auditor understands that the Department requested Sydney Metro to update its response to the third Independent Audit Report and resubmit it to the Department. The Auditor requested that Sydney Metro provide a copy of the Department's request, along with Sydney Metro's revised response and evidence of resubmission. Sydney Metro indicated that the Department did not raise the request formally and did not provide a copy for review by the Auditor. The revised response was completed on 24/07/23 and is available online. The revised response was resubmitted on</p>	<p>During the audit closing meetings, Sydney Metro advised verbally that the Department was satisfied with the revised response.</p>	Sydney Metro	CLOSED

⁷ The recommended action does not preclude the need for all non-compliances to be reported by the proponent in accordance with A44/A45.

⁸ 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 ⁷	By Whom and by When	Status ⁸
				<p>17/08/23 (after commencement of this fourth Independent Audit).</p> <p>As the Auditor has not sighted the Department's request, the Auditor is not able to ascertain whether the Department established any requirements on the timing and content of the response, nor whether the requirements (if any) have been met. During the audit closing meetings, Sydney Metro advised verbally that the Department was satisfied with the revised response.</p>			
10051_IA4_3	A47	Observation	<i>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.</i>	Observation: St Marys site signage included all the details barring the SSI number. All other details were included. All other sites across the Project were observed to have signage containing the required information.	SBT (CPBG) provided evidence showing that the signage had been updated prior to the finalisation of this Report.	SBT (CPBG)	CLOSED
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	OPEN
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</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	OPEN

Item	Ref	Type	Requirement	Finding	Recommended or completed action ⁷	By Whom and by When	Status ⁸
				<p>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 CIG to include representatives from projects that could give rise to cumulative impacts (rather than only those with project sites shared or adjacent to Sydney Metro).</p>			
10051_IA4_6	B4	Observation	<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>	<p>Observation: The Complaints Register includes a requirement to provide a justification for a complaint being unavoidable, however 5 x 'unavoidable' complaints (received 10/05/23, 6/05/23, 28/04/23, 28/04/23, 13/03/23, and relating to traffic, soil and water, dust and noise) did not have an associated justification.</p>	<p>Each of the complaints were determined by the relevant contractor as unavoidable, and Sydney Metro provided a written statement that relevant contractors have updated Consultation Manager with associated justifications.</p>	Sydney Metro	CLOSED
10051_IA4_7	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: 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>Update the SCAW SWMP dewatering / discharge permit process.</p>	<p>SCAW (CPBUI) 31/10/23</p>	

Item	Ref	Type	Requirement	Finding	Recommended or completed action ⁷	By Whom and by When	Status ⁸
				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.			
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>	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 SCAW's 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.	SCAW (CPBUI) state that clearing permits (1-33) have been reviewed and signed off by the Project Ecologist as of 07/09/23. 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.	SCAW (CPBUI) 31/10/23	PARTIALLY CLOSED
10051_IA4_9	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>	Observation: At the audit site inspection it was observed that SCAW needed to install flagging and signage on trees to be retained at a small section of the Defence site. The flagging was installed prior to the drafting of this Audit Report.	The flagging was installed prior to the drafting of this Audit Report.	SCAW (CPBUI)	CLOSED
10051_IA4_10	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>	Observation: The SBT FFMP includes a commitment to protect any vegetation to be retained within the work sites (mitigation LV1). It was observed during the audit site inspection that a tree located at Orchard Hills (south near Lansdowne Road) had no tree protection in place and that ground disturbance has occurred within the TPZ. At the time of the inspection it was noted that the tree was approved to be removed, but was intended to be retained if possible.	SBT (CPBG) confirmed prior to the finalisation of this Report that the tree in question is to be removed.	SBT (CPBG)	CLOSED
10051_IA4_11	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>	Observation: The SBT SWMP includes a commitment to confine concrete washouts to washout bays (Section 7.4). Concrete washout at Orchard Hills (to the north-east of Lansdowne Road) required upgrading / additional controls.	SBT (CPBG) state that the affected area was cleaned, and new washout areas were established and maintained. A toolbox given to Orchard hills site team.	SBT (CPBG)	CLOSED
10051_IA4_12	C22	Non-compliance	<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> <i>Note: Where a relevant CEMP Sub-plan exists, the relevant Construction Monitoring Program may be incorporated into that CEMP Sub-plan.</i>	Non-compliance: On 06/06/23 SBT raised a non-compliance report for the failure to submit the monthly surface water monitoring report to ER. This was reported to the Department on 09/06/23 in accordance with A44/A45.	The non-compliance was reported to the Department on 09/06/23 in accordance with A44/A45. The monthly surface water monitoring report is now being submitted to the ER.	SBT (CPBG)	CLOSED

Item	Ref	Type	Requirement	Finding	Recommended or completed action ⁷	By Whom and by When	Status ⁸
10051_IA4_13	C22	Non-compliance	<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>	<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>	<p>SCAW (CPBUI) 31/10/23</p>	OPEN
10051_IA4_14	E1	Observation	<p>All reasonably practicable measures must be implemented to minimise the emission of dust and other air pollutants during construction.</p>	<p>Observation: At the SCAW Defence site there are poor soils and dust was observed during the audit site inspection. No receivers are proximal to the problem area where dust is apparent. Water is being applied in areas where dust presents a risk to receivers.</p>	<p>Water is being applied in consideration of available supplies and areas where fugitive dust presents a risk to receivers.</p>	<p>SCAW (CPBUI)</p>	CLOSED
10051_IA4_15	E47	Observation	<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>	<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</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>	OPEN

Item	Ref	Type	Requirement	Finding	Recommended or completed action ⁷	By Whom and by When	Status ⁸
				<p>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>			
10051_IA4_16	E56	Observation	<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>	<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 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. 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. The DNVISs prepared for the Project reference the potential for cumulative 	<p>It is recommended that the CIGG agenda be updated to include a monthly review of all member's forward looking plan of OOHW 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 assessments include activities / impacts of third parties (or include a justification as to why inclusion of this information is not required).</p>	Sydney Metro 31/01/24	OPEN

Item	Ref	Type	Requirement	Finding	Recommended or completed action ⁷	By Whom and by When	Status ⁸
				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.			
10051_IA4_17	E77	Observation	<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>	<p>Observation: 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>Additional consultation was carried out with Council by SCAW, and the Department provided their acceptance of this on 10/05/23.</p>	<p>SCAW (CPBUI)</p>	<p>CLOSED</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 impact on the subject surface / subsurface structure.</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 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</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>OPEN</p>

Item	Ref	Type	Requirement	Finding	Recommended or completed action ⁷	By Whom and by When	Status ⁸
				<p>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	<p><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>	<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 <i>'do not expect to approve or endorse the settlement monitoring program. They only want to see the monitoring results at the regular monthly IPIAP meetings.'</i> The Auditor notes that E88 requires the that the <i>'IPIAP will be responsible for independently verifying the establishment of ongoing settlement monitoring requirements.'</i> Therefore the Auditor is of the view that the IPIAP must verify the requirements from the settlement monitoring program.</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>	OPEN

Item	Ref	Type	Requirement	Finding	Recommended or completed action ⁷	By Whom and by When	Status ⁸
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
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. • Diesel usage tracked in a separate tracker (Ref: 10051_IA4_21 Dashboard Snapshot Markup) 	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 its records to meet Sydney Metro's requirements.	SPO (Built) 31/10/23	OPEN
10051_IA4_22	E103	Non-compliance	<i>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.</i>	Non-compliance: SCAW did not submit the Luddenham Road Gates 4&5 CTMP until after commencement of construction at this location. This was reported in accordance with A44/A45.	The CTMP was submitted after commencement of construction and the non-compliance was reported in accordance with A44/A45.	Sydney Metro and SCAW (CPBUI)	CLOSED

Item	Ref	Type	Requirement	Finding	Recommended or completed action ⁷	By Whom and by When	Status ⁸
10051_IA4_23	E109	Observation	<p>Vehicles associated with the project workforce (including light vehicles and Heavy Vehicles) must be managed to:</p> <p>(a) minimise parking on public roads;</p> <p>(b) minimise idling and queueing on state and regional roads;</p> <p>(c) not carry out marshalling of construction vehicles near sensitive land use(s);</p> <p>(d) not block or disrupt access across pedestrian or shared user paths at any time unless alternate access is provided; and</p> <p>(e) ensure spoil haulage vehicles adhere to the nominated haulage routes identified in the CTMP.</p>	<p>Observation: A complaint was received on 15/05/23 regarding the queuing of '50 trucks' on Paton's Lane, Orchard Hills, waiting to access the site compound approximately at 6:45am. and 7:30am. SBT responded by stating that this occurred due to wet weather preventing them from accepting the vehicles (to manage safety and soil and water risks). Rectification works occurred and trucks continued to move. Truck drivers were tool-boxed and the complaint was marked by Sydney Metro as closed.</p>	<p>Rectification works occurred and trucks continued to move. Truck drivers were tool-boxed and the complaint</p>	<p>SBT (CPBG)</p>	<p>CLOSED</p>
10051_IA4_24	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 <i>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 DPE).</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>OPEN</p>

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

Item	Ref	Type	Requirement	Finding	Recommended or completed action	By Whom and by When	Status ⁹
10051_IA3_1	A2	Observation	<p><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></p> <p>REMM HYD1 requires: <i>Construction planning would consider flood related mitigation, including:</i></p> <ul style="list-style-type: none"> • <i>staging construction works to reduce the duration of works within the floodplain</i> • <i>daily and continuous monitoring of weather forecasts and storm events, rainfall levels and water levels in key watercourses to identify potential flooding events and related flood emergency response</i> • <i>consultation with NSW State Emergency Services and relevant local councils to ensure consistent approaches to the management of flood events (off-airport only)</i> • <i>provide flood-proofing to excavations at risk of flooding during construction, where reasonable and feasible, such as raised entry into shafts and/or pump-out facilities to minimise ingress of floodwaters into shafts and the dive structure</i> • <i>review of site layout and staging of construction works to avoid or minimise obstruction of overland flow paths and limit the extent of flow diversion required</i> 	<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, with the exception of the below.</p> <p>Observation: The Auditor requested SBT provide evidence of consultation with the SES on coordination of flood response as per REMM HYD1. In response to the draft report, SBT stated that as part of the Emergency Response Plan, there has been a meeting with Ambulance Australia to address emergency requirements. These meetings are ongoing. However, SES does not appear to have been consulted with as yet. The Auditor observes that there is no specific timing around the consultation requirement which is why this is regarded as an observation.</p>	<p>SBT (CPBG) to complete consultation with the NSW State Emergency Services to ensure consistent approaches to the management of flood events, in accordance with REMM HYD1.</p>	<p>SBT (CPBG) 01/06/23</p>	<p>CLOSED</p> <p>Consultation was carried in August 2023.</p>
10051_IA3_3	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: The SCAW Minor Ancillary Facility (MAF) application process requires sign off by the ER prior to establishment of a MAF. The application for the MAF at the M12 piling platform site has been assessed by the ER (as is required by this condition, and as evidence through an email from the ER to the contractor), but has not been signed off / approved as per the SCAW MAF application process. In making the above observation, the Auditor notes that the MAF at the M12 piling platform is entirely within the Project construction footprint and Table 8-3 of Chapter 8 of the EIS identifies compounds to be established at all construction sites.</p>	<p>SCAW (CPBUI) to obtain written endorsement from the ER for the MAF at the M12 piling platform in accordance with the process set out in the SCAW MAF checklist (and as stated in Appendix C6 of the CEMP).</p>	<p>SCAW (CPBUI) 01/04/23</p>	<p>CLOSED</p> <p>The ER retrospectively approved the application.</p>

⁹ 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 ⁹
10051_IA3_4	A22	Observation	<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>	<p>Observation: Sydney Metro is proposing to establish a facility at 19 Harris Street, St Marys. Metro advises that establishment of this facility is proposed to help mitigate construction impacts and has been identified in consultation with Council. Sydney Metro has completed an assessment and has determined the facility as exempt development and thus not called up under A17. The Auditor observes, however, that Sydney Metro has sought ER endorsement under A22 to enable activities to occur on the site that weren't considered in the exempt development assessment.</p> <p>The Auditor is of the view that this approach (using the exempt development covering part of the proposed activities, and A22 endorsement for additional activities) is not advisable.</p> <p>The Auditor is of the view that:</p> <ul style="list-style-type: none"> if the site is to be used as a car park or a MAF (or both) the ER or the exempt development assessment should consider the activities proposed in their entirety in order to accurately assess the impacts. as far as the Auditor can ascertain the driveway to 19 Harris Street is approximately 85m from the EIS construction boundary. Whilst there is no definition of 'adjacent' in the Approval, the Auditor takes a conservative position and is of the view that the 19 Harris Street site is not adjacent to the construction boundary and it is therefore in conflict with the criteria stated in A22. <p>At the time of the audit interviews, the 19 Harris Street facility had yet to be established.</p>	<p>Sydney Metro to elect and follow a single pathway for assessment and establishment of the 19 Harris Street site.</p>	<p>Sydney Metro</p> <p>Prior to commencement of activities not already assessed in the exempt development assessment and determination.</p>	<p>CLOSED</p> <p>Use of the site at 19 Harris Street is confined to parking (as assessed and approved through the exempt development checklist).</p> <p>Use of the site as Minor Ancillary Facility for other purposes has not occurred. Should this occur, the Auditor will raise this finding at that time.</p>
10051_IA3_5	A32	Observation	<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>(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>Observation: The evidence shows a very high degree of involvement from the ER on the Project. The ER has not identified any non-compliances within the Monthly Reports for the audit period. The ER has however, identified deficiencies and actions regarding environmental performance. The deficiencies/actions raised by the ER do not necessarily identify a condition or mitigation measures (from the Approval or from an approved strategy, plan or program) to which they relate. Therefore it is difficult to ascertain whether each of the deficiencies/actions are linked to a requirement (and therefore being a potential non-compliance), or are subjective.</p> <p>The ER provided examples of references to conditions and mitigation measures in the January and February 2023 Monthly Reports. The Auditor acknowledges the ER's response but refers to the key points and issues raised within the Monthly Reports for August –</p>	<p>When identifying deficiencies/actions the ER should include a specific reference to relevant condition or mitigation measure (from the Approval or from an approved strategy, plan or program) to which the deficiency / action relates in order to support its position.</p>	<p>ER (HBI)</p> <p>In future ER Monthly Reports</p>	<p>CLOSED</p> <p>The Auditor acknowledges the ER's response to this finding and disagrees with their assessment.</p> <p>Nevertheless, the Auditor is of the view that there are regular references back to condition or mitigation measures within the ER Inspection Reports and Monthly Reports for the current audit period.</p>

Item	Ref	Type	Requirement	Finding	Recommended or completed action	By Whom and by When	Status ⁹
				<p>December 2022. Other than regular mention of ESCPs, the Blue Book and DSIs there is minimal reference back to specific conditions or mitigation measures from the CEMPs, Sub-plans and monitoring programs when raising an issue or recommendation.</p> <p>Separately, the ER monitors the implementation of the documents (and conditions), via observation on site and consideration of works occurring and upcoming. Key Focus Areas are identified and communicated to Sydney Metro and its contractors. The Key Focus Areas are also summarised in the Monthly Reports. For SBT, the ER has identified persistent issues associated with controls on site not aligning with the ERSED Plans. Refer to E126 and E128 regarding the Auditor's position on this matter.</p>			
10051_IA3_8	B11	Non-compliance	<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>(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>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>	<p>Non-compliance: Sydney Metro have relied on contractor websites for the publishing of documents relating to each main works package (SBT and SCAW). Therefore, the information is being presented across three websites (not a [singular] website or webpage). The links to the contractors' websites is not easy to locate unless the user knows their location (i.e.: the links are placed under a Sustainability and Planning / WSA planning and compliance drop down).</p> <p>At the time of the audit interviews, the auditees were not able to demonstrate that all documents required under the Approval had been published in accordance with B11(e). A spreadsheet was provided after the interviews (in response to a request for information), showing the various documents to be uploaded and the date of upload. However, the spreadsheet provided by Sydney Metro:</p> <ul style="list-style-type: none"> does not identify the date of approval of the document or commencement of relevant works does not include any information on the time of upload of documents on the contractor's websites (or the date of document approval or commencement of relevant works). <p>Therefore the Auditor cannot confirm (within the confines of this audit) whether the timing requirement from B11(e) has been met for each document.</p> <p>Further, the following documents were not able to be located by the Auditor on the Sydney Metro website at the time of preparing the checklist (after the interviews):</p> <ul style="list-style-type: none"> (as noted above) all documents listed under the SCAW and SBT contractor websites (including, but not limited to, the CEMPs, 	<p>Sydney Metro to seek confirmation from the Department as to whether reliance on contractor (third party) websites is acceptable. Sydney Metro to follow any direction from the Department on this approach.</p> <p>Sydney Metro to develop and implement a system that verifies that all Project documents (excluding confidential, private, commercial information or other documents as agreed to by the Planning Secretary) are published in accordance with B11(e).</p>	<p>Sydney Metro</p> <p>Prior to the next Independent Audit</p>	<p>CLOSED</p> <p>Evidence was provided by Sydney Metro showing that the Department had agreed in 2019 to the reliance on third party websites.</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.</p>

Item	Ref	Type	Requirement	Finding	Recommended or completed action	By Whom and by When	Status ⁹
				<p>Sub-plans and monitoring programs, Traffic Management Plans, etc.)</p> <ul style="list-style-type: none"> Proponent response to the second Audit Report (A40) OOHW consultation on respite (E57 as per the Department's 04/11/22 letter) Design review panel terms of reference (E71) SCAW PUDCLP (E77) (on contractor website only as virtual engagement room – not referenced as a PUDCLP). <p>Sydney Metro provided a response to this finding in the draft Audit Report commenting on its approach, including the establishment of an amended document tracking register for the publishing of documents, and confirming that the OOHW consultation on respite (E57 as per the Department's 04/11/22 letter) and Design review panel terms of reference (E71) had both been published.</p> <p>The Auditor acknowledges Sydney Metro's response and notes that:</p> <ul style="list-style-type: none"> The amended internal register intended to track the publishing of documentation does not demonstrate whether B11(e) has been or would be satisfied for the Sydney Metro website (many entries for 'Required Upload Date' only refer to prior to commencement of works, rather than a date). Sydney Metro does not intend to publish the SBT and SCAW documents on the Sydney Metro website and Sydney Metro. Further, there does not appear to be any oversight on whether the requirements for B11(e) has been met by these contractors. 			
10051_IA3_9	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>	Observation: Whilst the evidence indicates that SBT has implemented the CEMP and Sub-plans, the Auditor observes that the SBT NVMP requires checks on plant noise emissions to verify that sound power levels are within the of the NVMP and DNVIS. The Auditor requested evidence of this having been completed during the audit period. No evidence was made available.	SBT (CPBG) to undertake checks on plant noise emissions (as part of the plant onboarding process) to verify that sound power levels are within mitigation measure NVMM16 within the NVMP.	SBT (CPBG) 01/06/23	CLOSED SBT provided evidence demonstrating that Sound Power Level monitoring has been conducted during the current audit period in line with NVMM16.
10051_IA3_10	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</i>	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	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	Sydney Metro Prior to next Independent Audit	OPEN Evidence was provided showing that Sydney Metro helped plan and participated

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			<i>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>	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.	CEMP, environmental aspects of contract documentation and the CEMF.		in an internal audit on SBT's (CPBG's) compliance with its CEMP. No evidence was available to demonstrate that Sydney Metro had conducted (or participated in) an internal audit on SCAW (CPBUI).
10051_IA3_12	E2	Non-compliance	<i>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</i>	Non-compliance: An incident occurred on SCAW on 10/02/23 which involved clearing beyond the approved clearing limit between the M12 Piling Pad and Cosgrove's Creek. The clearing did not extend beyond the Project boundary. Investigations determined that the breach was in non-compliance with E2. The non-compliance was reported within 7 days in accordance with A44. The report includes the information required under A45. The investigation also considered whether any breach had occurred against E4 and E7 (i.e.: whether any additional credits were required as a result of the clearing undertaken). The investigation determined that SCAW remained compliant with E4 and E7.	The non-compliance was reported to the Department on 17/02/23 in accordance with A44/A45. SCAW (CPBUI) have committed to revising the Clearing and Grubbing Procedure in the SCAW FFMP to include an additional hold point for the CPBUI Survey Manager to confirm project clearing limits have been physically installed in the correct location. This hold point is to be a pre-requisite requirement for the release of the Clearing Permit Hold point by the CPBUI Environment Manager.	SCAW (CPBUI) 01/06/23	CLOSED The FFMP underwent an update to capture this improvement (along with updates to the Nest Box Strategy). The updated FFMP was approved by the Department on 30/06/23.
10051_IA3_17	E47	Non-compliance	<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>	Non-compliance: The Auditor requested evidence be provided to demonstrate if any specific community consultation has occurred on the DNVISs. The DNVISs have adopted mitigation measures consistent with the CNVS, and there have been invitations for feedback from the community during work updates / notifications, and again under the works specific notification for out-of-hours works (OOHW), as applicable. However, there does not appear to be any evidence demonstrating that affected land users were made aware of the opportunity to provide input into the mitigation measures within the DNVISs. Therefore there is insufficient evidence to demonstrate that the mitigation measures in the DNVISs have been developed in consultation with relevant receivers.	Complete consultation with affected land users as required by E47. Any consultation should give regard to the definition of 'consult' under Section 2.3 of the Overarching Community Communications Strategy.	SBT (CPBG), SCAW (CPBUI) and Sydney Metro. Prior to (or as soon as possible after) the undertaking work that may exceed the NMLs, vibration criteria and / or ground-borne noise levels specified in E43 and E44 at any residence outside construction hours identified in E38, or where receivers will be highly noise affected or subject to vibration levels above those otherwise determined as appropriate by a suitably qualified	CLOSED Project notifications to community members now include information on the presence of a DNVIS and inviting feedback with respect to mitigation measures. The Auditor understands that no feedback has been provided. Refer to the finding against E47 in Table 6 for the current audit period.

Item	Ref	Type	Requirement	Finding	Recommended or completed action	By Whom and by When	Status ⁹
						structural engineer under E87.	
10051_IA3_23	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 evidence provided indicates that the Sustainability Plan is largely being implemented with the exception of SCAW (CPBUI) being late in data collection on water and waste, not yet tracking of diesel (and, therefore, greenhouse gas emissions), and submitting its Quarterly Sustainability Report to Sydney Metro after the timeframe specified in its Sustainability Plan.</p>	<p>SCAW (CPBUI) to retrieve / obtain up to date data and to ensure reporting is completed within the timeframes required by the Sustainability Plan.</p>	<p>SCAW (CPBUI)</p> <p>Prior to the next Quarterly Report submission.</p>	<p>CLOSED</p> <p>The data sighted for SCAW for the current audit period indicates that data is being captured and recorded in a timely manner.</p>
10051_IA3_24	E102	Observation	<p><i>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:</i></p> <p><i>(a) evaluation of reuse options;</i></p> <p><i>(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;</i></p> <p><i>(c) measures to avoid misuse of recycled water as potable water;</i></p> <p><i>(d) consideration of the public health risks from water recycling; and</i></p> <p><i>(e) time frame for the implementation of the preferred reuse option(s).</i></p> <p><i>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.</i></p> <p><i>Justification must be provided to the Planning Secretary if it is concluded that no reuse options prevail.</i></p> <p><i>A copy of the Water Reuse Strategy must be made publicly available.</i></p> <p><i>Note: Nothing in this condition prevents the Proponent from preparing separate Water Reuse Strategies for the construction and operational stages of the CSSI.</i></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)</p> <p>Install rainwater harvesting once procurement complete.</p> <p>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</p> <p>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. This remains open from the third Independent Audit.</p> <p>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.</p>

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

As part the Independent Audit, the Auditor reviewed the following documents:

- 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 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 30 June 2023
- Sydney Metro Western Sydney Airport incident register current to 30 June 2023
- 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, 23 September 2022 including Noise and Vibration Monitoring Program and evidence of consultation
- SBT NSW (Off-airport) Flora and Fauna Management Sub-plan, 21 September 2022 including procedures and evidence of consultation

- SBT NSW (Off-Airport) Soil and Water Management Sub-Plan, 21 September 2022 including groundwater monitoring program, surface water monitoring program, procedures, evidence of consultation
- 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 - St Marys Station, February 2023
- SBT Detailed Noise and Vibration Impact Statement - Claremont Meadows Ventilation Facility, March 2023
- SBT Detailed Noise and Vibration Impact Statement - Aerotropolis Core Station, April 2023
- SBT Detailed Noise and Vibration Impact Statement - Bringelly Services Facility, September 2022
- SBT Overarching Construction Traffic Management Plan, 16 June 2022 (CTMP) and the subordinate:
 - SBT CTMP Aerotropolis 9 June 2022
 - SBT CTMP Bringelly 2 June 2022
 - SBT CTMP Claremont Meadows 15 June 2022
 - SBT CTMP St Marys Site Establishment January 2023
 - SBT CTMP Geotechnical Scope North 5 April 2023
 - SBT CTMP Orchard Hills Site Establishment 27 June 2022
 - SBT CTMP St Marys Demolition 27 June 2022
 - 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, 4 November 2022
- SCAW Noise and Vibration Management Sub-plan, 4 November 2022 including noise and vibration monitoring program and records of consultation
- SCAW Spoil Management Plan, 29 September 2022
- SCAW Non-Aboriginal Heritage Sub-plan, 4 October 2022 including procedures and evidence of consultation
- SCAW Fauna and Flora Management Sub-plan, 13 March 2023 including procedures, and evidence of consultation
- SCAW Visual Amenity Management Plan, 19 October 2022

- SCAW Soil and Water Management Sub-plan, 4 November 2022 including surface water quality monitoring program, procedures and evidence of consultation
- SCAW Air Quality Management Subplan, 29 September 2022 including air quality monitoring program, procedures and evidence of consultation
- SCAW Waste Management Sub-plan, 10 October 2022
- 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, OOHW deliveries at Elizabeth Drive, 9 January 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 Overarching Construction Traffic Management Plan 29 September 2023 (CTMP) and the subordinate:
 - SCAW CTMP Paton’s Lane Gate 2, 28 September 2022
 - SCAW CTMP Elizabeth Drive Gate 6, 17 October 2022
 - SCAW CTMP Luddenham Road Gate 3, 19 January 2023
 - SCAW CTMP Luddenham Road Gates 4 & 5, 4 May 2023
 - SCAW CTMP Lansdowne Road Gate 1, 22 February 2023
 - SCAW CTMP Luddenham Road Gates 4&5, 4 May 2023
 - SCAW CTMP Badgerys Creek Road Gate 9, 18 April 2023
 - SCAW CTMP Luddenham Road Roundabout Construction, 12 July 2023
- AEW SPO Site Establishment Management Plan (SEMP), SSTOM Project Office, Built, 15 July 2023
- AEW SPO St Marys SSTOM Project Office Detailed Noise and Vibration Impact Statement, 23 February 2023
- AEW SPO CTMP, TTW, 27 January 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, Laing O’Rourke, 25 May 2023
- AEW Water Construction Environmental Management Plan, 13 June 2023
- AEW Water Detailed Noise and Vibration Impact Statement, 23 June 2023
- AEW Water CTMP (3), 26 May 2023

The Auditor assessed whether the above 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 Auditor also assessed the adequacy of post approval documents (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.

Environmental documents

As with the third Independent Audit, the Auditor is of the view that the CEMP, Sub-plans and monitoring programs prepared for both the SCAW and SBT scope of works (prepared prior to the current audit period) are of a high quality.

The AEW Water and AEW FSM CEMPs are also of a high quality and fit for purpose. The AEW SPO SEMP is fit for purpose.

Each of the aforementioned documents 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. The Auditor agrees with this assessment and has not identified any material deficiencies. Furthermore, the Auditor is of the view that implementation of the documents would not result in a non-compliance. The Auditor has not identified any opportunities for improvement.

With regards to implementation of environmental documents during the audit period, the Auditor made the findings identified in Table 8 (which is an excerpt from Table 6).

Table 8: Findings in relation to implementation of environmental documents during the audit period.

Item	Finding	Recommended or completed action
10051_IA4_1	<p>Non-compliance: The SPO Site Establishment Management Plan (SEMP) appears to have been implemented during the audit period with the exception of the following:</p> <ul style="list-style-type: none"> The SPO SEMP includes a commitment to ensure Tree Protection Zones (TPZs) are maintained. Whilst the ER Inspection Reports acknowledge the presence of TPZs on site, during the audit site inspection materials were stored within several TPZs. Built advise that this occurred due to a neighbouring contractor requiring space to conduct their work. The Auditor does not consider this to be a valid reason to encroach on the TPZs. Nevertheless, the deficiency was rectified on the same day as the audit site inspection. The SPO SEMP required attended noise monitoring at the commencement of delivery and installation of prefabricated elements to confirm the actual noise. This did not occur due to inclement weather, then lack of availability of the noise consultant. No noise complaints have been received in relation to SPO works. Built have referred to various sections and commitments from their DNVIS and to monitoring conducted at a later date on different activities. The Auditor acknowledges Built's position, but is of the view that these actions do not preclude the need to comply with the requirement from the SPO SEMP. 	<p>Materials were removed from within TPZs on the day of the audit site inspection.</p> <p>The delivery and installation of prefabricated elements was completed months prior to the writing of this Report, with fit-out works well underway during the audit site inspection. It is understood that site establishment works are almost complete (with handover to Sydney Metro and SSTOM occurring imminently).</p>
10051_IA4_7	<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>	<p>Update the SCAW SWMP dewatering / discharge permit process.</p>

Item	Finding	Recommended or completed action
10051_IA4_8	<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>
10051_IA4_9	<p>Observation: At the audit site inspection it was observed that SCAW needed to install flagging and signage on trees to be retained at a small section of the Defence site. The flagging was installed prior to the drafting of this Audit Report.</p>	<p>The flagging was installed prior to the drafting of this Audit Report.</p>
10051_IA4_10	<p>Observation: The SBT FFMP includes a commitment to protect any vegetation to be retained within the work sites (mitigation LV1). It was observed during the audit site inspection that a tree located at Orchard Hills (south near Lansdowne Road) had no tree protection in place and that ground disturbance has occurred within the TPZ. At the time of the inspection it was noted that the tree was approved to be removed, but was intended to be retained if possible.</p>	<p>SBT (CPBG) confirmed prior to the finalisation of this Report that the tree in question is to be removed.</p>
10051_IA4_11	<p>Observation: The SBT SWMP includes a commitment to confine concrete washouts to washout bays (Section 7.4). Concrete washout at Orchard Hills (to the north-east of Lansdowne Road) required upgrading / additional controls.</p>	<p>SBT (CPBG) state that the affected area was cleaned, and new washout areas were established and maintained. A toolbox given to Orchard hills site team.</p>
10051_IA4_12	<p>Non-compliance: On 06/06/23 SBT raised a non-compliance report for the failure to submit the monthly surface water monitoring report to ER. This was reported to the Department on 09/06/23 in accordance with A44/A45.</p>	<p>The non-compliance was reported to the Department on 09/06/23 in accordance with A44/A45. The monthly surface water monitoring report is now being submitted to the ER.</p>

Item	Finding	Recommended or completed action
10051_IA4_13	<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>
10051_IA4_14	<p>Observation: At the SCAW Defence site there are poor soils and dust was observed during the audit site inspection. No receivers are proximal to the problem area where dust is apparent. Water is being applied in areas where dust presents risk to receiver.</p>	<p>Water is being applied in consideration of available supplies and areas where fugitive dust presents risk to receiver.</p>
10051_IA4_20	<p>Non-compliance: 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 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.</p> <p>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, it was still not clear as to whether this had occurred.</p>	<p>Enact the Unexpected Contaminated Land and Asbestos Finds Procedure (unless already completed).</p> <p>Verify that Lot 97 has been cleared of contamination.</p>

Item	Finding	Recommended or completed action
10051_IA4_21	<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. • Diesel usage tracked in a separate tracker (Ref: 10051_IA4_21 Dashboard Snapshot Markup) 	<p>Data has been updated by Built.</p> <p>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 its records to meet Sydney Metro's requirements.</p>
10051_IA4_24	<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 DPE).</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>

Community and communication documents

It is noted that I (the Auditor) am 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 largely being implemented.

Of note, SBT utilize 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.

With regards to implementation of the community and communication documents during the audit period, the Auditor made the findings identified in Table 9 (which is an excerpt from Table 6).

Table 9: Findings in relation to implementation of communication documents during the audit period.

Item	Finding	Recommended or completed action
10051_IA4_4	<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.
10051_IA4_5	<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</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.

Item	Finding	Recommended or completed action
	<p>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 cumulative impacts (rather than only those with project sites shared or adjacent to Sydney Metro).</p>	
10051_IA4_6	<p>Observation: The Complaints Register includes a requirement to provide a justification for a complaint being unavoidable, however 5 x 'unavoidable' complaints (received 10/05/23, 6/05/23, 28/04/23, 28/04/23, 13/03/23, and relating to traffic, soil and water, dust and noise) did not have an associated justification.</p>	<p>Each of the complaints were determined by the relevant as unavoidable, and Sydney Metro provided a written statement that relevant contractors have updated Consultation Manager with associated justifications.</p>
10051_IA4_17	<p>Observation: 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>Additional consultation was carried out with Council by SCAW, and the Department provided their acceptance of this on 10/05/23.</p>

Traffic documents

It is noted that I (the Auditor) am not suitably experienced or qualified to provide an informed finding as to the adequacy or degree of implementation of the construction traffic related documents. 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.

In reaching this view, the Auditor refers to the evidence which indicates that the Construction Traffic Management Plans (CTMPs) identify 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.

According to the complaints register, several complaints regarding traffic and parking have been received, but these complaints do not indicate (at least from the Auditor's perspective) a failure to implement the documents. The Auditor does however draw attention to the findings for E103 and E109 in Table 6.

3.4 Summary of notices from agencies

The Auditor sighted the following regulatory notices and responses:

- Letter EPA to SBT, 23 March 2023 (Prevention notice 3504982 re dirty water run off at South Creek)
- Letter SBT to EPA, 31 March 2023 (SBT's response to prevention notice 3504982)
- Letter EPA to SBT, 27 July 2023 (Show Cause 3505337 re material tracking at Gipps Street)
- Letter SBT to EPA, 10 August 2023 (SBT's response to 3505337)
- Letter EPA to SBT, 1 August 2023 (Show cause 3506113 re construction water runoff at St Marys)
- Letter EPA to SBT, 25 August 2023 (EPA advice that it would not take any further action and acknowledged the steps taken to address the matters raised)
- Letters DPE to Sydney Metro, 28 June 2023 and 3 July 2023 (Direction under A5 regarding soil and water controls)
- Letter SEEC to SBT, 28 June 2023 (independent review of SBT site controls in line with DPE's A5 direction) and DPE post approval portal record 7 July 2023 (submission of SEEC independent review of SBT site controls).

The Auditor refers to the finding against E128 at this Independent Audit and that from the third Independent Audit.

The Auditor is of the view that significant improvements to soil and water controls have been implemented and recommends that this continue until the sites are permanently stabilised.

3.5 Other matters considered relevant by the Auditor or DPE

Matters considered relevant by the Auditor

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 and property impacts from construction itself and the associated traffic is inevitable. The Auditor considers that there may be value in Sydney Metro (in concert with other Government agencies and projects):

- broadening the CICG members to include representatives from projects that could give rise to cumulative impacts (rather than only those with project sites shared or adjacent to Sydney Metro)
- implementing a more rigorous review of the program of Out of Hours Works from its activities as well as those of other parties as part of the CICG
- incorporating third party construction activities in noise assessments (where relevant)
- examining cumulative road traffic noise impacts.

Matters considered relevant by the Department

The Auditor is not aware of any other matters considered relevant by the Department or any other parties as part of this fourth Independent Audit. As noted in Section 2.2.1, the Department did not provide input on the scope of this fourth Independent Audit.

The Auditor notes that one matter raised by Liverpool City Council during consultation on the scope of the third Independent Audit was not resolved at the time of finalising that (third audit) Report. At the time of the third Independent Audit it was unclear whether local roads that have been included in the EIS have also undergone a dilapidation assessment similar to that required by E107. Further review of dilapidation reports occurred as part of this fourth Independent Audit and the Auditor is satisfied that dilapidation surveys have been completed on all local roads used by heavy vehicles regardless of whether it is within the EIS or not.

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 21 July 2023. According to the register 53 complaints were received between 23 January 2023 (the last date of complaints assessed for the third Independent Audit) and 30 June 2023. The breakdown is presented in Figures 3 through 5. SBT was the primary source of the complaints and most came from the Orchard Hills area. The issues most prevalent were traffic, transport and parking, noise and vibration (OOHW and standard hours), water and soil management and air quality.

The complaints register indicates that Sydney Metro and its contractors have adequately responded to the complaints. As noted in finding 10051_IA4_6, the complaints register includes a requirement to provide a justification for a complaint being unavoidable, however 5 x 'unavoidable' complaints (received 10/05/23, 6/05/23, 28/04/23, 28/04/23, 13/03/23, and relating to traffic, soil

and water, dust and noise) did not have an associated justification. This was subsequently resolved.

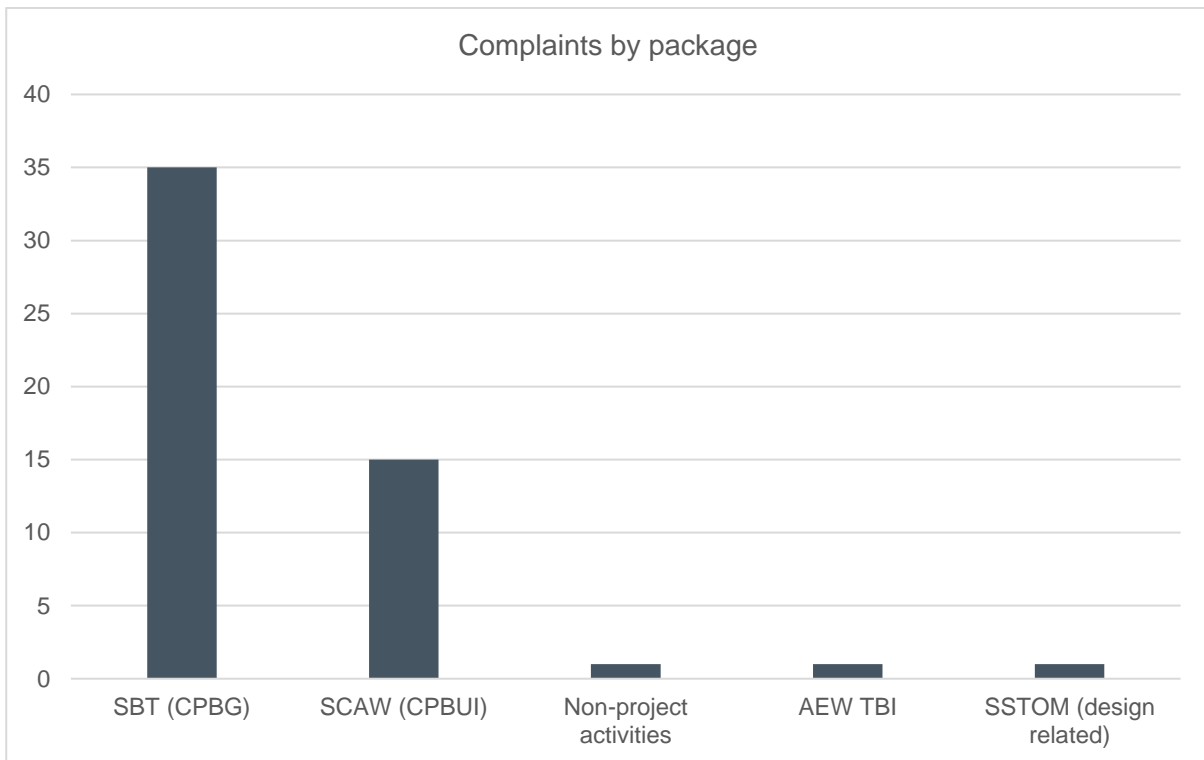


Figure 3: Complaints by package / contractor

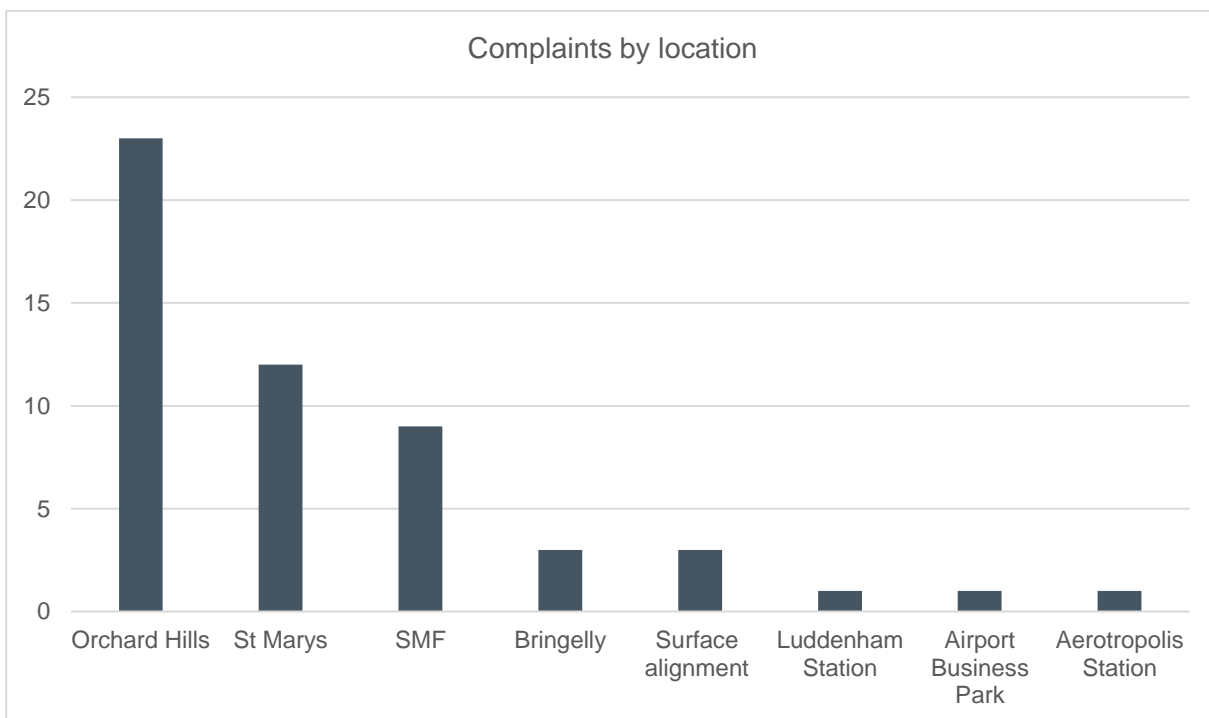


Figure 4: Complaints by location

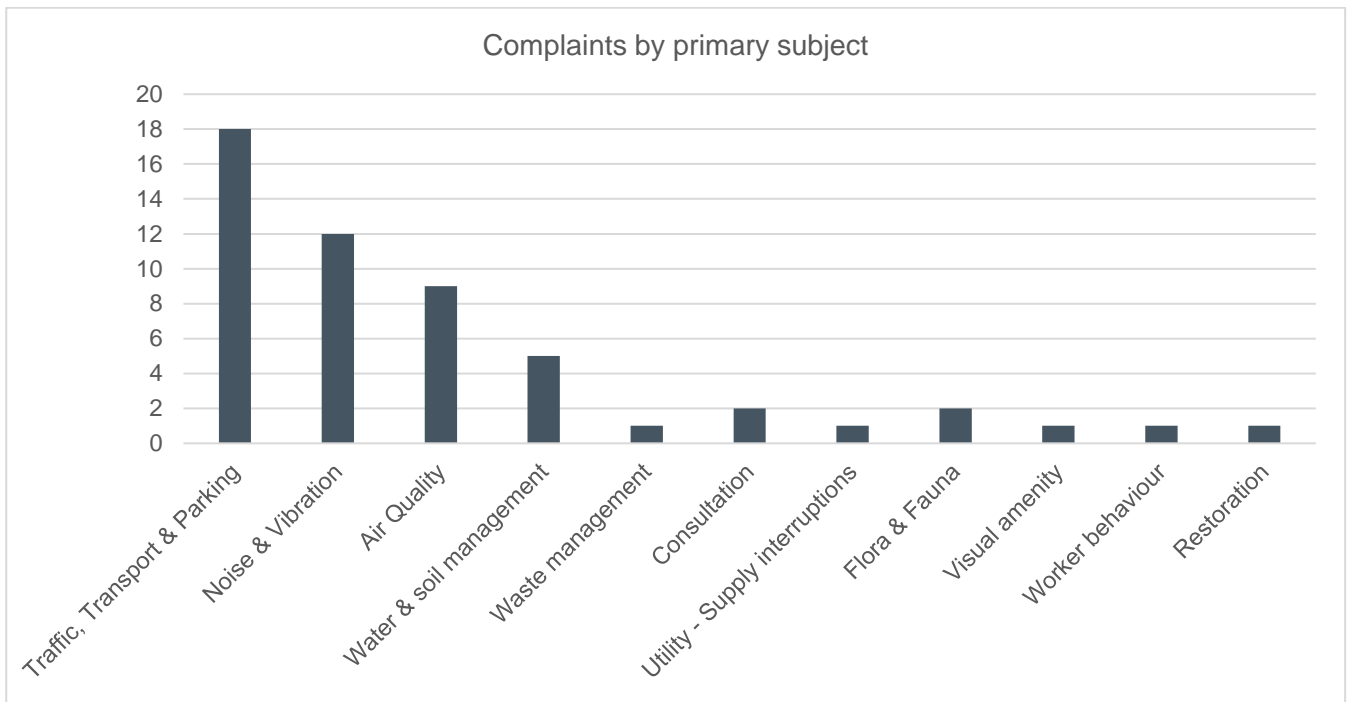


Figure 5: Issues

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.

13 environmental incidents were recorded for the audit period on the Project wide incident register provided, with 39 recorded from March 2022 to July 2023. Since commencement, most incidents have occurred on SBT sites (10 in the current audit period and 28 in total). 32 relate to minor leaks or spills.

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 one consistency assessment during the current audit period. The consistency assessment involved the temporary adjustment of Project boundaries from that outlined in the EIS and RtS. The consistency assessment 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. 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 (five non-compliances were identified against 222 conditions). The non-compliances relate to implementation of the SPO SEMP, submission of monitoring reports, implementation of the Unexpected Contaminated Land and Asbestos Finds Procedure, and late submission of a CTMP to the Department. 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, noting however that the Complaints Register includes a requirement to provide a justification for a complaint being unavoidable, and five 'unavoidable' complaints did not have an associated justification. This was resolved prior to finalising this Report.

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.
- SBT utilize 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.
- The management of dust, noise and vibration, OOHW, 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.
- Soil and water impacts arising from SBT's works during the audit period required additional attention from the contractor (CPBG). However, the Auditor has reviewed the ER Inspection Reports and the regulatory notices and is of the view that many of the 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 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. The Auditor is of the view that significant improvements to soil and water controls have been implemented and recommends that this continue until the sites are permanently stabilised.
- The Auditor is of the view that cumulative impacts are being managed at a high level, and to date these impacts do not appear to have been significant on nearby receivers. However, the following management measures should be considered by Sydney Metro (and its neighbouring projects) as development around the airport continues to intensify:
 - broadening the membership of the CICG to include representatives from projects / sites that could generate cumulative impacts (rather than only those with project sites shared or adjacent to Sydney Metro)
 - ensuring the CICG complete a regular review of the programs of Out of Hours Works planned by Sydney Metro and its neighbouring projects (to help identify the potential for cumulative or consecutive impacts)
 - introducing a process by which DNVISs and other noise and vibration assessments include activities / impacts of third parties (or require a justification as to why inclusion of this information is not required).

4. CONCLUSIONS

This Audit Report presents the findings from the fourth Independent Audit for on the Sydney Metro Western Sydney Airport (the Project), covering the period from the 23 February 2023 to 21 August 2023.

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 fourth Independent Audit:

- There were 222 conditions assessed.
- 171 conditions were considered to be compliant.
- Four (4) non-compliances were identified. These relate to implementation of the SPO SEMP, submission of monitoring reports, and late submission of a CTMP to the Department.
- 47 conditions were considered not triggered.
- In addition to the above, 22 observations were identified. These relate to an update to the proponents response to the third Independent Audit Report, Project signage, implementation of the Community Communications Strategy, content of the Complaints Register, implementation of the CEMP, Sub-plans and monitoring programs, dust management, consultation on the DNVISs, management of cumulative impacts, consultation on the Place, Urban Design and Corridor Landscape Plan, completion of post-construction condition surveys, advice from the Independent Property Impact Assessment Panel, implementation of the Unexpected Contaminated Land and Asbestos Finds Procedure, implementation of the Sustainability Management Plan, stabling of heavy vehicles and implementation of erosion and sediment controls.

With respect to the status of the eleven (11) findings that were open at the time of completion of the third Independent Audit:

- Nine (9) previously open findings are considered by the Auditor to be closed.
- Two (2) findings are considered still open. These relate to Sydney Metro undertaking audits on the implementation of the CEMP and sub-plans, and implementation of the SBT Water Reuse Plan.

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 (HBI) and its contractors (CPBG, CPBUI, Laing O'Rourke, Quickway and Built) for their high level of organisation, cooperation, and assistance during the Independent Audit.

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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	SSCOM	Evidence collected	Independent Audit findings and recommendations	Compliance Status
SCHEDULE 2							
PART A ADMINISTRATIVE CONDITIONS							
General							
A1	The Proponent must carry out the CSSI in accordance with the terms of this approval and generally in accordance with the: (a) Sydney Metro – Western Sydney Airport Environmental Impact Statement dated 21 October 2020; and (b) Sydney Metro – Western Sydney Airport Submissions Report submitted April 2021.	Applicable	Applicable	Applicable	Evidence referred to elsewhere in this Audit Table	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. 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.	C
A2	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.	Applicable	Applicable	Applicable	Evidence referred to elsewhere in this Audit Table Email Transport to SBT, 16/08/22 (progress on seed collection program) SBT Climate Change Risk Assessment Report, 09/02/23 SCAW Results of Salinity and ASS Testing, SMF, Orchard Hills, Douglas Partners, 26/08/22 (salinity report) SCAW Climate Change Risk Assessment Workshop, 31/08/22, 12/09/22 2022-12 SM-WSA Seed Collection Monthly Report SCAW Emergency Response Plan, 23/08/22 (including flood emergency covered by REMM HYD1) SCAW Flood Protection Report, 03/03/23 (SCAW assessment of flood levels as relevant to REMM HYD1) Email SBT to SES representative, 21/08/23 (provision of emergency response plan to SES representative) TTLG Meeting Minutes, 04/05/23 and 06/07/23 (evidence of consideration of cumulative impacts on M12 Motorway and Elizabeth Drive as per REMM T3) Community Benefit Initiatives, 08/06/23 x 2 (TBM naming competition and bushcare volunteering) (REMM SE1) Meeting minutes (various): On-Airport WSA CIGC (Sydney Metro and WSACo), TTLG, Sydney Metro/M12 and WSACo (REMM CL1)	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. 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.	C

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 01-07/08/23</p> <p>Refer E92</p>	<p>This audit assesses compliance with the conditions of this Approval. Where an 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>SBT interview 01-02/08/23</p> <p>SCAW interview 03-04/08/23</p> <p>Metro interview 01-07/08/23</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 DPE 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 DPE's A5 direction) and DPE post approval portal record 07/07/23 (submission of SEEC report)</p> <p>https://www.sydneymetro.info/documents</p>	<p>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>Refer to findings elsewhere in this audit table with respect to the Department's approval of documentation.</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 evidence sighted in:</p> <ul style="list-style-type: none"> A18, C5, C13, C14, E8, E12, E14, E23, E35, E42, E47, E57, E64, E73, E77, E79, E83, E114, E117, E121, E130 D5, E17, E58, E112, E119 	<p>The evidence sighted indicates that consultation has been adequately undertaken where required for A18, C5, C13, C14, E8, E12, E14, E23, E35, E42, E47, E57, E64, E73, E77, E79, E83, E114, E117, E121, E130 and was not required for D5, E17, E58, E112, E119.</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 31/07/23 and 07/08/23</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 DPE 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 DPE's A5 direction) and DPE post approval portal record 07/07/23 (submission of SEEC report)</p> <p>https://www.sydneymetro.info/documents</p>	<p>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>Refer to findings elsewhere in this audit table with respect to the Department's approval of documentation.</p> <p>The auditees are not aware of any requests for extensions to timeframes during the audit period.</p>	C

Staging							
A10	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 lodgment 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.	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 DPE to Sydney Metro, 26/05/23 (DPE acknowledgement of Rev 9 of Staging Report)	The Project is being staged. The previously approved Staging Report (approved prior to the current audit period) underwent two updates during the audit period, comprising: <ul style="list-style-type: none"> • Updates for AEW Water and utilities at the SMF • Updates for SSTOM. The Department accepted the latest update on 26/05/23.	C
A11	The Staging Report must: <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	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 DPE to Sydney Metro, 26/05/23 (DPE acknowledgement of Rev 9 of Staging Report)	The Project is being staged. The previously approved Staging Report (approved prior to the current audit period) underwent two updates during the audit period, comprising: <ul style="list-style-type: none"> • Updates for AEW Water and utilities at the SMF • Updates for SSTOM. The previously approved, and updated Staging Report includes the information specified in this condition. The Department accepted the latest update on 26/05/23.	C
A12	The CSSI must be staged in accordance with the Staging Report , as submitted to the Planning Secretary for information.	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 31/07/23 and 07/08/23	The Project appears to be staged in accordance with the Staging Report.	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 31/07/23 and 07/08/23	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 DPE to Sydney Metro, 26/05/23 (DPE 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 Staging Report (approved prior to the current audit period) underwent two updates during the audit period, comprising: <ul style="list-style-type: none"> • Updates for AEW Water and utilities at the SMF • Updates for SSTOM. The previously approved, and updated Staging Report includes the information specified in this condition. The Department accepted the latest update on 26/05/23.	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 DPE to Sydney Metro, 26/05/23 (DPE acknowledgement of Rev 9 of Staging Report)	The Project is being staged. The previously approved Staging Report (approved prior to the current audit period) underwent two updates during the audit period, comprising: <ul style="list-style-type: none"> • Updates for AEW Water and utilities at the SMF • Updates for SSTOM. 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.	C

A16	<p>The Proponent may submit any strategies, plans or programs required by this approval on a progressive basis, within each stage of the CSSI.</p> <p>Notes:</p> <ol style="list-style-type: none"> 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	<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>The Project appears to be submitting strategies, plans or programs in line with the staging set out in the Staging Report.</p>	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> <ol style="list-style-type: none"> (a) they are located within or immediately adjacent to the Construction Boundary of the CSSI; and (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 (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 (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>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 01-02/08/23</p> <p>Construction Environment Management Plan, SBT, CPBG, 29/09/22 (SBT CEMP)</p> <p>SCAW interview 03-04/08/23</p> <p>Construction Environment Management Plan, SCAW, CPBUI, 04/11/22 (SCAW CEMP)</p> <p>SCAW Minor Ancillary Facility Checklist, M12 Bridge Piling (LD CHK 00001)</p> <p>Metro interview 01-07/08/23</p> <p>Site Establishment Management Plan, SSTOM Project Office (SPO), Built, 21/12/22 and 15/07/23 (SPO SEMP)</p> <p>Exempt development checklist for compound at 19 Harris Street, 08/02/23</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 SEMPs, with the exception of the SCAW MAF established adjacent the M12 bridge piling site.</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>(i) meet the performance outcomes stated in the documents listed in Condition A1; and</p> <p>(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 01-02/08/23</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 03-04/08/23</p> <p>Construction Environment Management Plan, SCAW, CPBUI, 04/11/22 (SCAW CEMP)</p> <p>SCAW Minor Ancillary Facility Checklist, M12 Bridge Piling (LD CHK 00001)</p> <p>Metro interview 01-07/08/23</p> <p>Site Establishment Management Plan, SSTOM Project Office (SPO), Built, 21/12/22 and 15/07/23 (SPO SEMP)</p> <p>Letter ER to Sydney Metro, 22/12/22 (ER endorsement of SSTOM SPO SEMP, including confirmation that consultation had been completed in accordance with A18)</p> <p>Letter HBI to Sydney Metro, 24/02/23 (endorsement of updated SPO SEMP)</p> <p>AEW SPO Site induction, May 2023 (SPO induction covering housekeeping, spills, dust, water, waste, smells and noise, sustainability)</p> <p>Built online training module</p> <p>Built Lucidity (online SHE system)</p> <p>SPO notice board with Environmental Control Map</p> <p>Built toolbox talks 24/05/23 and 31/07/23</p> <p>Auditees' response to draft Audit Report, received 21/09/23</p>	<p>Neither SBT nor SCAW utilised a SEMP. Early construction was conducted through preparatory CEMPs and main CEMPs.</p> <p>An SEMP was prepared for the establishment of the AEW SSTOM Project Office (SPO) facility (located in St Marys). The SEMP addresses the requirements of this condition. The document was reviewed and endorsed by the ER on 22/12/22. At the time of the audit site inspection on 01/02/23 the SPO works had barely commenced. Crib sheds and fencing were in place, but no other works had occurred.</p> <p>Non-compliance: The SPO SEMP appears to have been implemented during the audit period with the exception of the following:</p> <ul style="list-style-type: none"> • The SPO SEMP includes a commitment to ensure TPZs are maintained. During the audit site inspection materials were stored within several TPZs. This was rectified on the same day. • The SPO SEMP required attended noise monitoring at the commencement of delivery and installation of prefabricated elements to confirm the actual noise. This did not occur due to inclement weather, then lack of availability of the noise consultant. No noise complaints have been received in relation to SPO works. <p>Built have referred to various sections and commitments from their DNVIS and to monitoring conducted at a later date on different activities. The Auditor acknowledges Built's position, but is of the view that these actions do not preclude the need to comply with the requirement from the SPO SEMP.</p>	NC
A19	<p>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</p>	Applicable	Applicable	Applicable	<p>Metro interview 01-07/08/23</p> <p>Site Establishment Management Plan, SSTOM Project Office (SPO), Built, 21/12/22 and 15/07/23(SPO SEMP)</p> <p>Letter ER to Sydney Metro, 22/12/22 (ER endorsement of SSTOM SPO SEMP, including confirmation that consultation had been completed in accordance with A18)</p> <p>Letter HBI to Sydney Metro, 24/02/23 (endorsement of updated SPO SEMP)</p> <p>Letter Sydney Metro to DPE, 23/12/22 (submission of SPO SEMP)</p>	<p>The SPO SEMP was submitted to the Department on 23/12/22. According to Sydney Metro SPO works commenced on site on the 30/01/23. At the time of the audit site inspection on 01/02/23 the SPO works had barely commenced. Crib sheds and fencing were in place, but no other works had occurred.</p>	C
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>Site Establishment Management Plan, SSTOM Project Office (SPO), Built, 21/12/22 and 15/07/23(SPO SEMP)</p> <p>Letter ER to Sydney Metro, 22/12/22 (ER endorsement of SSTOM SPO SEMP, including confirmation that consultation had been completed in accordance with A18)</p> <p>Letter HBI to Sydney Metro, 24/02/23 (endorsement of updated SPO SEMP)</p>	<p>An SEMP was prepared for the establishment of the AEW SSTOM Project Office (SPO) facility (located in St Marys). The SEMP addresses the requirements of this condition. The document was reviewed and endorsed by the ER on 22/12/22. According to Sydney Metro SPO works commenced on site on the 30/01/23.</p>	C

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 DPE, 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 DPE, 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 DPE, 30/09/22 (notification of SBT Main Construction)</p> <p>Email DPE to Metro, 04/10/22 (acknowledgment of notification of commencement of SBT main construction)</p>	<p>Neither SBT nor SCAW utilised a SEMP. Early construction was conducted through preparatory CEMPs and main CEMPs.</p> <p>An SEMP was prepared for the establishment of the AEW SSTOM Project Office (SPO) facility (located in St Marys). Refer to C1 regarding dates of approval of CEMP, Sub-plans and Monitoring Programs.</p> <p>SCAW preparatory construction was notified to the Department, Liverpool and Penrith Councils on 09/08/22. It is understood that SCAW preparatory construction commenced on 10/10/22 (after endorsement of the PCEMP on 07/10/22). Notification of SCAW main construction was made to DPE on 17/10/22, and Liverpool and Penrith Councils on 18/10/22, with main construction works commencing on 1 November under the main CEMP.</p> <p>SBT Main works construction was notified to Council and DPE on 30/09/22, with intended start date of 10/10/22. Actual commencement of main construction was delayed until November 2022.</p> <p>AEW SPO has commenced but these are not construction works (only site establishment).</p> <p>The ER did not raise any concerns regarding commencement of use of facilities prior to approval of the relevant documents. The Auditor has not identified any breach of this requirement.</p>	C
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 31/07/23 and 07/08/23</p> <p>SBT interview 01-02/08/23</p> <p>SCAW Interview 03-04/08/23</p> <p>SCAW Minor Ancillary Facility Checklist, M12 Bridge Piling (LD CHK 00001), 14/12/22</p> <p>SCAW Minor ancillary facility checklist, Luddenham South, RCD-00001, 19/04/23</p> <p>SCAW Minor ancillary facility checklist, SMF office relocations, 26/06/23</p> <p>AEW and Metro interview 07/08/23</p> <p>Sydney Metro Western Sydney Airport Advanced Enabling Works (Water) Construction Environmental Management Plan (CEMP), Quickway, 13/06/23</p> <p>Sydney Metro Western Sydney Airport Advanced Enabling Works (FSM) Construction Environmental Management Plan (CEMP), Laing O'Rourke, 13/06/23</p>	<p>SBT have not established any minor ancillary facilities.</p> <p>Neither SBT nor SCAW utilised a SEMP. Early construction was conducted through preparatory CEMPs and main CEMPs. The facilities have been identified in the EIS.</p> <p>SCAW has three MAFs in operation. These satisfy the requirements of A22 and were authorized prior to establishment and operation. An adjustment to the SMF compound (already captured in the CEMP) is proposed to enable handover to SSTOM. This has been approved but the adjustment has yet to commence.</p> <p>AEW Water is using one MAF, situated at Claremont Meadows. The facility is identified in the approved CEMP (Section 4.2). The CEMP was endorsed by the ER prior to establishment, noting however that the site had been approved as part of AEW Power prior to the current audit period.</p> <p>AEW FSM is using one MAF, situated at St Marys. The facility is identified in the approved CEMP (Section 1.2.3). The CEMP was endorsed by the ER prior to establishment.</p>	C
Compliance							
A23	<p>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.</p>	Applicable	Applicable	Applicable	<p>Site inspection 31/07/23 and 07/08/23</p>	<p>Boundary screening was observed around SBT and AEW compounds. There are no sensitive land uses surrounding the SCAW site. Refer to E62 regarding the standard of the boundary screening.</p>	C
A24	<p>Boundary screening required under Condition A23 must minimise visual impacts on adjacent sensitive land use(s)</p>	Applicable	Applicable	Applicable	<p>Site inspection 31/07/23 and 07/08/23</p>	<p>Boundary screening was observed around SBT and AEW 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.</p>	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 DPE to Sydney Metro, 17/08/21 (approval of Project ERs)</p> <p>Letter DPE to Sydney Metro, 17/03/22 (approval of inclusion of Alex Gale to ER team)</p> <p>Letter DPE to Sydney Metro, 24/03/23 (approval of inclusion of Brett McLennan to ER team)</p> <p>Letter DPE to Metro, 13/07/23 (approval of WolfPeak Audit Team)</p> <p>Letter Sydney Metro to Stephen Lancken, 14/12/21 (engagement of complaints mediator)</p> <p>Letter DPE 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>Metro interview 01-07/08/23</p> <p>Letter DPE to Sydney Metro, 01/03/23 (DPE approval of Excavation Director Lian Ramage)</p> <p>Letter DPE to Sydney Metro, 17/06/22 (DPE approval of the SBT St Marys Excavation Directors – Dr Ian Stuart and Jenny Winnett)</p> <p>Letter DPE to Sydney Metro, 04/07/23 (DPE approval of Sophie Jennings as Excavation Director for FSM).</p> <p>Letter DPE to Metro, 30/06/23 (DPE 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	The Planning Secretary may at any time commission an audit of how an Independent Appointment has exercised their functions. The Proponent must: (a) facilitate and assist the Planning Secretary in any such audit; and (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.	Applicable	Applicable	Applicable	Metro interview 01-07/08/23	Metro or its contractors are not aware of any such direction.	NT
A27	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. Note: Conditions A26 and A27 apply to all Independent Appointments including the ER and Independent Auditor	Applicable	Applicable	Applicable	Metro interview 01-07/08/23	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 DPE to Sydney Metro, 17/08/21 (approval of Project ERs)</p> <p>Letter DPE to Sydney Metro, 17/03/22 (approval of inclusion of Alex Gale to ER team)</p> <p>Letter DPE 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 DPE to Sydney Metro, 17/08/21 (approval of Project ERs)</p> <p>Letter DPE to Sydney Metro, 17/03/22 (approval of inclusion of Alex Gale to ER team)</p> <p>Letter DPE 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 DPE to Sydney Metro, 17/08/21 (approval of Project ERs)</p> <p>Letter DPE to Sydney Metro, 17/03/22 (approval of inclusion of Alex Gale to ER team)</p> <p>Letter DPE 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 (DPE, 2018).	Applicable	Applicable	Applicable	<p>Letter DPE to Sydney Metro, 17/08/21 (approval of Project ERs)</p> <p>Letter DPE to Sydney Metro, 17/03/22 (approval of inclusion of Alex Gale to ER team)</p> <p>Letter DPE 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>Site inspection 31/07/23 and 07/08/23 (with the ERs for AEW, SBT and SCAW)</p> <p>Letter ER to Sydney Metro, 22/12/22 (ER endorsement of SSTOM SPO SEMP, including confirmation that consultation had been completed in accordance with A18)</p> <p>Letter HBI to Sydney Metro, 24/02/23 (endorsement of updated SPO SEMP)</p> <p>Letter HBI to Sydney Metro, 01/03/23 (ER endorsement of AEW SPO DNVIS)</p> <p>Letter HBI to Sydney Metro, 02/03/23 (ER endorsement of SCAW Material delivery and stockpiling DNVIS)</p> <p>Letter HBI to Sydney Metro, 05/05/23 (ER endorsement of Rev 9 of Staging Report)</p> <p>Letter HBI to Sydney Metro, 25/05/23 (ER endorsement of AEW FSM CEMP)</p> <p>Letter HBI to Sydney Metro, 25/05/23 (ER endorsement of AEW FSM DNVIS)</p> <p>Letter HBI to Sydney Metro, 14/06/23 (ER endorsement of AEW Water CEMP)</p> <p>Letter HBI to Sydney Metro, 26/06/23 (ER endorsement of AEW Water DNVIS)</p> <p>ER Monthly Reports for January - July 2023</p> <p>DPE post approval lodgement records, 08/03/23 (@ 1am), 07/04/23, 07/05/23, 07/06/23, 07/07/23.</p> <p>SCAW Minor ancillary facility checklist, Luddenham South, RCD-00001, 19/04/23</p> <p>SCAW Minor ancillary facility checklist, SMF office relocations, 26/06/23</p> <p>Sydney Metro Western Sydney Airport Advanced Enabling Works (Water) Construction Environmental Management Plan (CEMP), Quickway, 13/06/23</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>Sydney Metro Western Sydney Airport Advanced Enabling Works (FSM) Construction Environmental Management Plan (CEMP), Laing O'Rourke, 13/06/23</p>	<p>Refer to Independent Audit No. 3 Audit Report for endorsements 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 February 2023 report (submitted 01:00am on 08/03/23).</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.</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>SBT interview 01-02/08/23</p> <p>Email Sydney Metro to HBI (and others), (weekly issue of complaints register)</p> <p>SCAW Consistency Assessment, Dam Dewatering and Earthworks, 10/05/23</p> <p>Email Sydney Metro to HBI, 15/05/23 (issue of consistency assessment to ER)</p> <p>SCAW propellor online module (drone photos), 29/05/23</p> <p>SCAW Consistency Assessment, Alternative access for Luddenham Road, 09/01/23</p> <p>Email Sydney Metro to HBI, 10/01/23 (issue of consistency assessment to ER)</p>	<p>The ER receives the complaints register weekly.</p> <p>SBT has not determined any consistency assessments during the audit period.</p> <p>Two consistency assessments have been determined in relation to Sydney Metro/SCAW. Both were issued to the ER prior to the commencement of the relevant works.</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 DPE, 30/09/22 (notification of SBT Main Construction)</p> <p>Email DPE to Metro, 04/10/22 (acknowledgment of notification of commencement of SBT main construction)</p> <p>SCAW interview 03-04/08/23</p> <p>Email Metro to DPE, 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 DPE, 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>Metro interview 01-07/08/23</p> <p>Letter Sydney Metro to DPE and post approval portal lodgement record, 19/05/23 (notification of AEW FSM to DPE)</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 DPE and post approval lodgement record, 09/06/23 (notification of AEW Water to DPE)</p> <p>Emails x 2 Sydney Metro to Liverpool Council and Penrith Council, 09/06/23 (notification of AEW Water to Council)</p>	<p>AEW SPO notice of commencement was issued prior to the current audit period.</p> <p>AEW FSM commencement was notified on 19/05/23 and works commenced on 27/05/23.</p> <p>AEW Water commencement was notified on 09/06/23 and works commenced 03/07/23.</p> <p>SBT preparatory and main works stages were notified prior to the current audit period.</p> <p>SCAW preparatory and main works stages were notified 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 DPE, 30/09/22 (notification of SBT Main Construction)</p> <p>Email DPE to Metro, 04/10/22 (acknowledgment of notification of commencement of SBT main construction)</p> <p>SCAW interview 03-04/08/23</p> <p>Email Metro to DPE, 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 DPE, 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>Metro interview 01-07/08/23</p> <p>Letter Sydney Metro to DPE and post approval portal lodgement record, 19/05/23 (notification of AEW FSM to DPE)</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 DPE and post approval lodgement record, 09/06/23 (notification of AEW Water to DPE)</p> <p>Emails x 2 Sydney Metro to Liverpool Council and Penrith Council, 09/06/23 (notification of AEW Water to Council)</p>	<p>AEW SPO notice of commencement was issued prior to the current audit period.</p> <p>AEW FSM commencement was notified on 19/05/23 and works commenced on 27/05/23.</p> <p>AEW Water commencement was notified on 09/06/23 and works commenced 03/07/23.</p> <p>SBT preparatory and main works stages were notified prior to the current audit period.</p> <p>SCAW preparatory and main works stages were notified prior to the current audit period.</p>	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. 3 – Audit Report, WolfPeak, 23/03/23</p> <p>DPE post approval portal lodgment, 31/03/23 (submission of third Audit Report and auditee response).</p> <p>Letter Metro to DPE and post approval portal lodgement, 17/08/23</p> <p>https://www.sydneymetro.info/sites/default/files/2023-07/Sydney%20Metro%20WSA%20Independent%20Audit%20No.3%20-%20SM%20Response.pdf</p> <p>Email WolfPeak to DPE, 30/06/23 and 18/07/23 (consultation on audit scope for Independent Audit No. 4).</p> <p>Email DPE to WolfPeak and Sydney Metro, 03/07/23 (DPE email on consultation and auditor approval)</p> <p>Interview with auditees 06/09/23 (SBT closing meeting)</p> <p>Auditees' response to draft Audit Report, received 21/09/23</p>	<p>The third Independent Audit was conducted in accordance with the IAPAR. To the Auditor's knowledge no feedback on the third Audit Report was provided by the Department.</p> <p>Observation: The Auditor understands that the Department requested Sydney Metro to update its response to the third Independent Audit Report and resubmit it to the Department. The Auditor requested that Sydney Metro provide a copy of the Department's request, along with Sydney Metro's revised response and evidence of resubmission. Sydney Metro indicated that the Department did not raise the request formally and did not provide a copy for review by the Auditor. The revised response was completed on 24/07/23 and is available online. The revised response was resubmitted on 17/08/23 (after commencement of this fourth Independent Audit).</p> <p>As the Auditor has not sighted the Department's request, the Auditor is not able to ascertain whether the Department established any requirements on the timing and content of the response, nor whether the requirements (if any) have been met. During the audit closing meetings, Sydney Metro advised verbally that the Department was satisfied with the revised response.</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 DPE to Sydney Metro, 13/07/23 (approval of WolfPeak Audit Team)	The WolfPeak audit team was approved prior to commencement of the fourth Independent Audit.	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	Metro interview 01-07/08/23 Email WolfPeak to DPE, 30/06/23 and 18/07/23 (consultation on audit scope for Independent Audit No. 4). Email DPE to WolfPeak and Sydney Metro, 03/07/23 (DPE email on consultation and auditor approval)	The auditees and the auditor are not aware of any change in timing. The Department did not raise any changes during consultation on this fourth audit.	C
A40	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.	Applicable	Applicable	Applicable	Independent Audit No. 3 – Audit Report, WolfPeak, 23/03/23 DPE post approval portal lodgment, 31/03/23 (submission of third Audit Report and auditee response).	The third Audit Report and the proponent's response was submitted to the Department within 2 months of the audit site inspection. The site inspection occurred 01/02/23 and the Report and response was submitted on 31/03/23. Refer to A36 with respect to whether the response met the requirements from the IAPAR.	C
Incident And Non-Compliance Notification And Reporting							
A41	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. 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	Applicable	Applicable	Applicable	Incident register current to 30/06/23 (Project wide) and incident reports (x14)	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.	NT
A42	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.	Not Applicable	Applicable	Applicable	Incident register current to 30/06/23 (Project wide) and incident reports (x14)	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. None were within the Controlled Areas of the Water NSW pipelines.	NT
A43	Subsequent notification must be given and reports submitted in accordance with the requirements set out in Appendix A.	Applicable	Applicable	Applicable	Incident register current to 30/06/23 (Project wide) and incident reports (x14)	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.	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 January - July 2023 https://www.sydneymetro.info/sites/default/files/2023-07/Sydney%20Metro%20WSA%20Independent%20Audit%20No.3%20-%20SM%20Response.pdf</p> <p>SCAW Incident Report, SCAW-INC-002, 10/02/23 (clearing beyond approved limits and breach of E2) and DPE post approval portal lodgement, 17/02/23 (notification of breach of E2)</p> <p>SBT non-compliance report against E38, 25/10/22 (OOHW concrete pour) and DPE post approval portal lodgement, 01/11/22 (notification to DPE of OOH concrete pour)</p> <p>SBT non-compliance report against E128, 31/03/23 (notified 31/03/23)</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>Sydney Metro incident and non-compliance tracker current to 10/08/23</p> <p>DPE post approval lodgement, 05/04/23 (notification of SCAW non-compliance on the delayed submission of Luddenham Road Gates 4&5 CTMP)</p> <p>SCAW incident report, 17/05/23 (dewatering incident contrary to SWMP, determined by auditees to be non-reportable – refer C10).</p> <p>SBT non-compliance report, 06/06/23 and DPE post approval submission 09/06/23 (failure to submit monthly surface water monitoring report to ER as per C21).</p>	<p>The response to the third Independent Audit and the notifications sighted indicate that the non-compliances from that audit were either accepted/notified in accordance with A44/A45 (E2, E38, E128, E134) or were disputed and considered by Sydney Metro to be compliant and (therefore) no notifiable (B11, E47).</p> <p>The non-compliances identified by the auditees appear to have been reported to the Department in accordance with this condition.</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 January - July 2023 https://www.sydneymetro.info/sites/default/files/2023-07/Sydney%20Metro%20WSA%20Independent%20Audit%20No.3%20-%20SM%20Response.pdf</p> <p>SCAW Incident Report, SCAW-INC-002, 10/02/23 (clearing beyond approved limits and breach of E2) and DPE post approval portal lodgement, 17/02/23 (notification of breach of E2)</p> <p>SBT non-compliance report against E38, 25/10/22 (OOHW concrete pour) and DPE post approval portal lodgement, 01/11/22 (notification to DPE of OOH concrete pour)</p> <p>SBT non-compliance report against E128, 31/03/23 (notified 31/03/23)</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>Sydney Metro incident and non-compliance tracker current to 10/08/23</p> <p>DPE post approval lodgement, 05/04/23 (notification of SCAW non-compliance on the delayed submission of Luddenham Road Gates 4&5 CTMP)</p> <p>SCAW incident report, 17/05/23 (dewatering incident contrary to SWMP, determined by auditees to be non-reportable – refer C10).</p> <p>SBT non-compliance report, 06/06/23 and DPE post approval submission 09/06/23 (failure to submit monthly surface water monitoring report to ER as per C22).</p>	<p>The non-compliances identified by the auditees appear to have been reported to the Department in accordance with this condition. Refer to A44 regarding the absence of a notification of a non-compliance with the SCAW SWMP.</p>	C
Identification of Workforce							

A46	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	Applicable	Applicable	Applicable	Site inspection 31/07/23 and 07/08/23 SBT spoil sticker photos (01, 02)	The markings on spoil trucks were sighted on the SBT and SCAW inspection. No issues observed.	C
A47	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 .	Applicable	Applicable	Applicable	https://www.sydneymetro.info/get-touch Site inspection 31/07/23 and 07/08/23 Auditees' response to draft Audit Report, received 21/09/23	Observation: St Marys site signage included all the details barring the SSI number. All other details were included. All other sites across the Project were observed to have signage containing the required information.	C
PART B – COMMUNITY INFORMATION AND REPORTING							
Community Information, Consultation and Involvement							

<p>B1</p>	<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>	<p>Applicable</p>	<p>Applicable</p>	<p>Applicable</p>	<p>Overarching Community Communication Strategy, Sydney Metro, Rev 2.2, 07/04/21 (OCCS)</p> <p>Letter DPE to Sydney Metro, 10/08/22 (acknowledgment of Rev 2.2 of the OCCS)</p> <p>Metro interview 01-07/08/23</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 30/06/23</p> <p>Sydney Metro Engagement summary Hawksbury show, 28 – 30 April 2023</p> <p>CICG Meeting Minutes and Presentations, March – June 2023</p> <p>SBT interview 01-02/08/23</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>Email Sydney Metro to Dept of Education, 20/07/23 (wrap up of presentation with St Marys Public School).</p> <p>SBT TBM naming competition presentation, session 2.</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=PyRS1rnditU</p> <p>Small Business Voucher Tracker, current to 02/08/23</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 (no date)</p> <p>WSA SBT meetings with Penrith City Council (various records from Feb – July 2023)</p> <p>SCAW interview 03-04/08/23</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>Positive observation: SBT utilize 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.</p> <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 open days on a 6 monthly basis. This has not occurred. 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> <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>C</p>
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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>SBT interview 01-02/08/23</p> <p>SBT consultation manager online module</p> <p>SCAW interview 03-04/08/23</p> <p>SCAW consultation manager online module</p> <p>Complaints register current to 30/06/23</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 31/07/23 and 07/08/23</p> <p>SBT interview 01-02/08/23</p> <p>SCAW interview 03-04/08/23</p> <p>Metro interview 01-07/08/23</p> <p>https://www.sydneymetro.info/westernsydneyairportline</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 interview 01-02/08/23</p> <p>SCAW interview 03-04/08/23</p> <p>Metro interview 01-07/08/23</p> <p>SBT consultation manager online module</p> <p>SCAW consultation manager online module</p> <p>Complaints register current to 30/06/23</p> <p>Auditees' response to draft Audit Report, received 21/09/23</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>42 x complaints were recorded between 23/02/23 and 30/06/23. These primarily relate to traffic/transport/parking, noise and vibration, air quality and soil and water. 25 x of these were considered unavoidable. 1 x was still under investigation at the time of receipt of the complaints register.</p> <p>Observation: The Complaints Register includes a requirement to provide a justification for a complaint being unavoidable, however 5 x 'unavoidable' complaints (received 10/05/23, 6/05/23, 28/04/23, 28/04/23, 13/03/23, and relating to traffic, soil and water, dust and noise) did not have an associated justification.</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>SBT interview 01-02/08/23</p> <p>SCAW interview 03-04/08/23</p> <p>Metro interview 01-07/08/23</p> <p>Complaints register current to 30/06/23</p> <p>1800 Phone call test 03/02/22 (at prev 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>SBT interview 01-02/08/23</p> <p>SCAW interview 03-04/08/23</p> <p>Metro interview 01-07/08/23</p> <p>DPE post approval portal records, Feb 23 to 26/06/23 (submission of complaints register to DPE)</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>SBT interview 01-02/08/23</p> <p>SCAW interview 03-04/08/23</p> <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 01-07/08/23</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>SBT interview 01-02/08/23</p> <p>SCAW interview 03-04/08/23</p> <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 01-07/08/23</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>Stephen Lancken has been appointed the complaints mediator for the Project. 1 x complaint has been escalated to mediation during the 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. At the time of writing of this Report, the Auditor is not aware of the mediation commencing.</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>SBT interview 01-02/08/23</p> <p>SCAW interview 03-04/08/23</p> <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 01-07/08/23</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>1 x complaint has been escalated to mediation during the 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. At the time of writing of this Report, the Auditor is not aware of the mediation commencing.</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>SBT interview 01-02/08/23</p> <p>SCAW interview 03-04/08/23</p> <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 01-07/08/23</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>Stephen Lancken has been appointed the complaints mediator for the Project. 1 x complaint has been escalated to mediation during the 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. At the time of writing of this Report, the Auditor is not aware of the mediation commencing.</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 DPE to Metro, 12/09/17 (DPE 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 (no date)</p> <p>Sydney Metro Commencement of Works tracker (no date)</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.</p>	C
PART C- CONSTRUCTION ENVIRONMENTAL MANAGEMENT							

C1	<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>	Applicable	Applicable	Applicable	<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, 23/09/22 (SBT NVMP) including Noise and Vibration Monitoring Program and evidence of consultation</p> <p>SBT NSW (Off-airport) Flora and Fauna Management Sub-plan, 21/09/22 (SBT FFMP) including procedures and evidence of consultation</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 Construction Environmental Management Plan, 04/11/22 (SCAW CEMP)</p> <p>SCAW Noise and Vibration Management Sub-plan, 04/11/22 (SCAW NVMP) including noise and vibration monitoring program and records of consultation</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 DPE to Sydney Metro, 30/06/23 (DPE 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, 04/11/22 (SCAW SWMP) including surface water quality monitoring program, procedures and evidence of consultation</p> <p>SCAW Air Quality Management Subplan, 29/09/22 (SCAW AQMP) including air quality monitoring program, procedures and evidence of consultation</p> <p>SCAW Waste Management Sub-plan, 10/10/22 (SCAW WMP)</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 Water Construction Environmental Management Plan, Quickway, 13/06/23</p> <p>Letter HBI to Sydney Metro, 14/06/23 (ER endorsement of AEW Water CEMP)</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.</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>	C
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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 DPE to Sydney Metro, 26/05/23 (DPE 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, 23/09/22 (SBT NVMP) including Noise and Vibration Monitoring Program and evidence of consultation</p> <p>SBT NSW (Off-airport) Flora and Fauna Management Sub-plan, 21/09/22 (SBT FFMP) including procedures and evidence of consultation</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 Construction Environmental Management Plan, 04/11/22 (SCAW CEMP)</p> <p>SCAW Noise and Vibration Management Sub-plan, 04/11/22 (SCAW NVMP) including noise and vibration monitoring program and records of consultation</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 DPE to Sydney Metro, 30/06/23 (DPE 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, 04/11/22 (SCAW SWMP) including surface water quality monitoring program, procedures and evidence of consultation</p> <p>SCAW Air Quality Management Subplan, 29/09/22 (SCAW AQMP) including air quality monitoring program, procedures and evidence of consultation</p> <p>SCAW Waste Management Sub-plan, 10/10/22 (SCAW WMP)</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 Water Construction Environmental Management Plan, Quickway, 13/06/23</p> <p>Letter HBI to Sydney Metro, 14/06/23 (ER endorsement of AEW Water 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 AEW CEMPs are to be endorsed by the ER and do not require Departmental approval. All AEW CEMPs relevant to the current audit period were endorsed prior to the relevant AEW works package commencing. Note AEW SPO only involves site establishment under an SEMP. Refer A18-A20.</p> <p>SBT Preparatory CEMP was subject to ER endorsement and did not require Departmental approval. The Preparatory CEMP was endorsed prior to the current audit period. The SBT main CEMP was subject to ER endorsement and did not require Departmental approval. Endorsement was provided prior to the current audit period and prior to main works commencing.</p> <p>SCAW Preparatory CEMP was subject to ER endorsement and did not require Departmental approval. The Preparatory CEMP was endorsed by the ER prior to the works commencing. The SCWA main CEMP was subject to ER endorsement and did not require Departmental approval. Endorsement was provided prior to the current audit period and prior to main works commencing.</p>	<p>C</p>
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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 DPE to Sydney Metro, 26/05/23 (DPE 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, 23/09/22 (SBT NVMP) including Noise and Vibration Monitoring Program and evidence of consultation</p> <p>SBT NSW (Off-airport) Flora and Fauna Management Sub-plan, 21/09/22 (SBT FFMP) including procedures and evidence of consultation</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 Construction Environmental Management Plan, 04/11/22 (SCAW CEMP)</p> <p>SCAW Noise and Vibration Management Sub-plan, 04/11/22 (SCAW NVMP) including noise and vibration monitoring program and records of consultation</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 DPE to Sydney Metro, 30/06/23 (DPE 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, 04/11/22 (SCAW SWMP) including surface water quality monitoring program, procedures and evidence of consultation</p> <p>SCAW Air Quality Management Subplan, 29/09/22 (SCAW AQMP) including air quality monitoring program, procedures and evidence of consultation</p> <p>SCAW Waste Management Sub-plan, 10/10/22 (SCAW WMP)</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 Water Construction Environmental Management Plan, Quickway, 13/06/23</p> <p>Letter HBI to Sydney Metro, 14/06/23 (ER endorsement of AEW Water 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 AEW CEMPs are to be endorsed by the ER and do not require Departmental approval. All AEW CEMPs were endorsed by the ER prior to the current audit period.</p> <p>SBT Preparatory CEMP was subject to ER endorsement and did not require Departmental approval. The Preparatory CEMP was endorsed prior to the current audit period. The SBT main CEMP was subject to ER endorsement and did not require Departmental approval. Endorsement was provided prior to main works commencing.</p> <p>SCAW Preparatory CEMP was subject to ER endorsement and did not require Departmental approval. The Preparatory CEMP was endorsed by the ER prior to the works commencing. The SCAW main CEMP was subject to ER endorsement and did not require Departmental approval. Endorsement was provided prior to main works commencing.</p> <p>The ER did not identify any issue associated with the timing of documents for submission and timing of commencement of the relevant works, during the interview on 31/01/23 or in the ER Monthly Reports.</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 DPE to Sydney Metro, 26/05/23 (DPE 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>DPI 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	DPI 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 DPE to Sydney Metro, 26/05/23 (DPE 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, 23/09/22 (SBT NVMP) including Noise and Vibration Monitoring Program and evidence of consultation</p> <p>SBT NSW (Off-airport) Flora and Fauna Management Sub-plan, 21/09/22 (SBT FFMP) including procedures and evidence of consultation</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 Construction Environmental Management Plan, 04/11/22 (SCAW CEMP)</p> <p>SCAW Noise and Vibration Management Sub-plan, 04/11/22 (SCAW NVMP) including noise and vibration monitoring program and records of consultation</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 DPE to Sydney Metro, 30/06/23 (DPE 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, 04/11/22 (SCAW SWMP) including surface water quality monitoring program, procedures and evidence of consultation</p> <p>SCAW Air Quality Management Subplan, 29/09/22 (SCAW AQMP) including air quality monitoring program, procedures and evidence of consultation</p> <p>SCAW Waste Management Sub-plan, 10/10/22 (SCAW WMP)</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 Water Construction Environmental Management Plan, Quickway, 13/06/23</p> <p>Letter HBI to Sydney Metro, 14/06/23 (ER endorsement of AEW Water 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 Preparatory CEMP would incorporate Sub-plan requirements as a procedure within the CEMP. As per C2 and C3, the SBT Preparatory CEMP was subject to ER endorsement and did not require Departmental approval. The Preparatory CEMP was prepared and endorsed prior to the current audit period.</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.</p> <p>The Staging Report identifies that the SCAW Preparatory CEMP would incorporate Sub-plan requirements as a procedure within the CEMP. As per C2 and C3, the SCAW Preparatory CEMP and Sub-plans were subject to ER endorsement and did not require Departmental approval. The Preparatory CEMP and Sub-plans were prepared and endorsed by the ER during the audit period.</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.</p>	C
	Required CEMP Sub-plan	Relevant government agencies to be consulted for each CEMP Sub-plan																				
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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 NSW (Off-airport) Construction Noise and Vibration Management Sub-plan, 23/09/22 (SBT NVMP) including Noise and Vibration Monitoring Program and evidence of consultation</p> <p>SBT NSW (Off-airport) Flora and Fauna Management Sub-plan, 21/09/22 (SBT FFMP) including procedures and evidence of consultation</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, 04/11/22 (SCAW NVMP) including noise and vibration monitoring program and records of consultation</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>SCAW Soil and Water Management Sub-plan, 04/11/22 (SCAW SWMP) including surface water quality monitoring program, procedures and evidence of consultation</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 DPE to Sydney Metro, 26/05/23 (DPE acknowledgement of Rev 9 of Staging Report)</p> <p>SBT Construction Environmental Management Plan, 29/09/22 (SBT CEMP)</p> <p>Letter ER to Sydney Metro, 04/10/22 (ER endorsement of SBT CEMP, Rev 2, including the Air Quality Monitoring Program)</p> <p>SBT NSW (Off-airport) Construction Noise and Vibration Management Sub-plan, 23/09/22 (SBT NVMP) including Noise and Vibration Monitoring Program and evidence of consultation</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>Letter ER to Sydney Metro, 26/09/22 (ER endorsement of SBT NVMP Rev 1 (inclusive of the NV Monitoring Program) and SBT SWMP Rev 1 (inclusive of the Surface Water Quality Monitoring Program), and including confirmation that consultation was undertaken in accordance with C5(a) and C5(c))</p> <p>SBT NSW (Off-airport) Flora and Fauna Management Sub-plan, 21/09/22 (SBT FFMP) including procedures and evidence of consultation</p> <p>Letter ER to Sydney Metro, 11/10/22 (ER endorsement of SBT FFMP, Rev 1)</p> <p>Letter DPE to Metro, 07/10/22 (DPE approval of SBT NVMP and Monitoring Program, Groundwater Monitoring Program, and acknowledgment of receipt of the SWMP and Surface Water Monitoring Program)</p> <p>Letter DPE to Sydney Metro, 31/10/22 (approval of SBT CEMP, including Air Quality procedure (Rev 2) and SBT FFMP (Rev 1))</p> <p>SCAW Noise and Vibration Management Sub-plan, 04/11/22 (SCAW NVMP) including noise and vibration monitoring program and records of consultation</p> <p>Letter ER to Sydney Metro, 19/09/22 (ER endorsement of SCAW NVMP Rev D, including confirmation consultation was undertaken in accordance with C5(a))</p> <p>Letter DPE to Sydney Metro, 21/10/22 (approval of SCAW NVMP and NV Monitoring Program)</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 ER to Sydney Metro, 20/09/22 (ER endorsement of SCAW FFMP, Rev D, including confirmation consultation was undertaken in accordance with C5(b))</p> <p>Letter DPE to Sydney Metro, 30/06/23 (DPE approval of updated FFMP, capturing updated Nest Box Strategy and minor amendments).</p> <p>Letter DPE to Sydney Metro, 25/10/22 (approval of the SCAW FFMP)</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.</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).</p>	C
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					<p>SCAW Soil and Water Management Sub-plan, 04/11/22 (SCAW SWMP) including surface water quality monitoring program, procedures and evidence of consultation</p> <p>Letter ER to Sydney Metro, 19/09/22 (ER endorsement of SCAW SWMP, Rev E, including confirmation consultation was undertaken in accordance with C5(c))</p> <p>Letter ER to Sydney Metro, 19/09/22 (ER endorsement of SCAW Surface Water Quality Monitoring Program, Rev E)</p> <p>Letter DPE to Sydney Metro, 31/10/22 (approval of the SCAW SWMP)</p> <p>Letter ER to Sydney Metro, 31/10/22 (ER endorsement of SCAW CEMP Rev C, SCAW AQMP Rev D, SCAW NAHMP Rev D)</p> <p>Letter ER to Sydney Metro, 07/10/22 (ER endorsement of SCAW PCEMP Rev F, SCAW AQMP Rev 1, SCAW Spoil Management Plan Rev 1, SCAW SWMP Rev 1, including confirmation that consultation was completed in accordance with C5(c))</p>		
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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 DPE to Sydney Metro, 26/05/23 (DPE 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, 23/09/22 (SBT NVMP) including Noise and Vibration Monitoring Program and evidence of consultation</p> <p>SBT NSW (Off-airport) Flora and Fauna Management Sub-plan, 21/09/22 (SBT FFMP) including procedures and evidence of consultation</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 Construction Environmental Management Plan, 04/11/22 (SCAW CEMP)</p> <p>SCAW Noise and Vibration Management Sub-plan, 04/11/22 (SCAW NVMP) including noise and vibration monitoring program and records of consultation</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 ER to Sydney Metro, 20/09/22 (ER endorsement of SCAW FFMP, Rev D, including confirmation consultation was undertaken in accordance with C5(b))</p> <p>Letter DPE to Sydney Metro, 30/06/23 (DPE 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, 04/11/22 (SCAW SWMP) including surface water quality monitoring program, procedures and evidence of consultation</p> <p>SCAW Air Quality Management Subplan, 29/09/22 (SCAW AQMP) including air quality monitoring program, procedures and evidence of consultation</p> <p>SCAW Waste Management Sub-plan, 10/10/22 (SCAW WMP)</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 Water Construction Environmental Management Plan, Quickway, 13/06/23</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 Preparatory CEMP would incorporate Sub-plan requirements as a procedure within the CEMP. As per C2 and C3, the SBT Preparatory CEMP was subject to ER endorsement and did not require Departmental approval. The Preparatory CEMP was prepared and endorsed prior to the current audit period.</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.</p> <p>The Staging Report identifies that the SCAW Preparatory CEMP would incorporate Sub-plan requirements as a procedure within the CEMP. As per C2 and C3, the SCAW Preparatory CEMP and Sub-plans were subject to ER endorsement and did not require Departmental approval. The Preparatory CEMP and Sub-plans were prepared and endorsed by the ER during the audit period.</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.</p> <p>The evidence indicates that the necessary submissions were completed prior to the relevant works. Refer also notifications under A34 and A35</p>	C
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					Letter HBI to Sydney Metro, 14/06/23 (ER endorsement of AEW Water CEMP)		
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<p>C9</p>	<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>	<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 DPE to Sydney Metro, 26/05/23 (DPE acknowledgement of Rev 9 of Staging Report)</p> <p>SBT Construction Environmental Management Plan, 29/09/22 (SBT CEMP)</p> <p>Letter ER to Sydney Metro, 04/10/22 (ER endorsement of SBT CEMP, Rev 2, including the Air Quality Monitoring Program)</p> <p>SBT NSW (Off-airport) Construction Noise and Vibration Management Sub-plan, 23/09/22 (SBT NVMP) including Noise and Vibration Monitoring Program and evidence of consultation</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>Letter ER to Sydney Metro, 26/09/22 (ER endorsement of SBT NVMP Rev 1 (inclusive of the NV Monitoring Program) and SBT SWMP Rev 1 (inclusive of the Surface Water Quality Monitoring Program), and including confirmation that consultation was undertaken in accordance with C5(a) and C5(c))</p> <p>SBT NSW (Off-airport) Flora and Fauna Management Sub-plan, 21/09/22 (SBT FFMP) including procedures and evidence of consultation</p> <p>Letter ER to Sydney Metro, 11/10/22 (ER endorsement of SBT FFMP, Rev 1)</p> <p>Letter DPE to Metro, 07/10/22 (DPE approval of SBT NVMP and Monitoring Program, Groundwater Monitoring Program, and acknowledgment of receipt of the SWMP and Surface Water Monitoring Program)</p> <p>Letter DPE to Sydney Metro, 31/10/22 (approval of SBT CEMP, including Air Quality procedure (Rev 2) and SBT FFMP (Rev 1))</p> <p>SCAW Noise and Vibration Management Sub-plan, 04/11/22 (SCAW NVMP) including noise and vibration monitoring program and records of consultation</p> <p>Letter ER to Sydney Metro, 19/09/22 (ER endorsement of SCAW NVMP Rev D, including confirmation consultation was undertaken in accordance with C5(a))</p> <p>Letter DPE to Sydney Metro, 21/10/22 (approval of SCAW NVMP and NV Monitoring Program)</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 ER to Sydney Metro, 20/09/22 (ER endorsement of SCAW FFMP, Rev D, including confirmation consultation was undertaken in accordance with C5(b))</p> <p>Letter DPE to Sydney Metro, 30/06/23 (DPE approval of updated FFMP, capturing updated Nest Box Strategy and minor amendments).</p> <p>SCAW Soil and Water Management Sub-plan, 04/11/22 (SCAW SWMP) including surface water quality monitoring program, procedures and evidence of consultation</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.</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.</p> <p>The evidence indicates that the necessary submissions were completed prior to the relevant works. Refer also notifications under A34 and A35</p>	<p>C</p>
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				<p>Letter ER to Sydney Metro, 19/09/22 (ER endorsement of SCAW SWMP, Rev E, including confirmation consultation was undertaken in accordance with C5(c))</p> <p>Letter ER to Sydney Metro, 19/09/22 (ER endorsement of SCAW Surface Water Quality Monitoring Program, Rev E)</p> <p>Letter DPE to Sydney Metro, 31/10/22 (approval of the SCAW SWMP)</p> <p>Letter ER to Sydney Metro, 31/10/22 (ER endorsement of SCAW CEMP Rev C, SCAW AQMP Rev D, SCAW NAHMP Rev D)</p> <p>Letter ER to Sydney Metro, 07/10/22 (ER endorsement of SCAW PCEMP Rev F, SCAW AQMP Rev 1, SCAW Spoil Management Plan Rev 1, SCAW SWMP Rev 1, including confirmation that consultation was completed in accordance with C5(c))</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 Water Construction Environmental Management Plan, Quickway, 13/06/23</p> <p>Letter HBI to Sydney Metro, 14/06/23 (ER endorsement of AEW Water CEMP)</p>		
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<p>C10</p>	<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>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 DPE to Sydney Metro, 26/05/23 (DPE acknowledgement of Rev 9 of Staging Report)</p> <p>SBT Construction Environmental Management Plan, 29/09/22 (SBT CEMP)</p> <p>Letter ER to Sydney Metro, 04/10/22 (ER endorsement of SBT CEMP, Rev 2, including the Air Quality Monitoring Program)</p> <p>SBT NSW (Off-airport) Construction Noise and Vibration Management Sub-plan, 23/09/22 (SBT NVMP) including Noise and Vibration Monitoring Program and evidence of consultation</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>Letter ER to Sydney Metro, 26/09/22 (ER endorsement of SBT NVMP Rev 1 (inclusive of the NV Monitoring Program) and SBT SWMP Rev 1 (inclusive of the Surface Water Quality Monitoring Program), and including confirmation that consultation was undertaken in accordance with C5(a) and C5(c))</p> <p>SBT NSW (Off-airport) Flora and Fauna Management Sub-plan, 21/09/22 (SBT FFMP) including procedures and evidence of consultation</p> <p>Letter ER to Sydney Metro, 11/10/22 (ER endorsement of SBT FFMP, Rev 1)</p> <p>Letter DPE to Metro, 07/10/22 (DPE approval of SBT NVMP and Monitoring Program, Groundwater Monitoring Program, and acknowledgment of receipt of the SWMP and Surface Water Monitoring Program)</p> <p>Letter DPE to Sydney Metro, 31/10/22 (approval of SBT CEMP, including Air Quality procedure (Rev 2) and SBT FFMP (Rev 1))</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, current to 21/07/23 (environmental toolbox talk register, showing 36 x enviro toolbox deliveries in last 6 months)</p> <p>SBT Environmental Visual Guides C0239 (various)</p> <p>ERSED Training records, 10/03/23, 02/05/23, 07/06/23, 20/04/23</p> <p>SBT Surface Water Quality Monitoring Register, 18/07/23</p> <p>SBT Surface Water Monitoring Report, 30/05/23 and DPE acknowledgement of receipt, 13/06/23</p> <p>SBT noise monitoring result register current to 08/07/23</p> <p>SBT Noise and Vibration Monitoring Report (October - April), 08/06/23 and DPE acknowledgement of receipt 13/06/23</p> <p>SBT Groundwater Monitoring Report, 06/06/23 and DPE acknowledgement of receipt, 22/06/23</p> <p>SBT synergy SHEQ system (online)</p> <p>SBT weekly synergy reports (inspection register)</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>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.</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.</p> <p>The Staging Report identifies the AEW CEMPs to be approved by the ER.</p> <p>The evidence indicates that the necessary submissions / endorsements / approvals were completed prior to the relevant works. 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, EWMS and Work Packs indicate that Project teams are made aware of the requirements from the CEMP and Sub-plans relevant to the subject works. SBT and SCAW have completed internal audits with no non-compliances with the Approval identified.</p> <p>The ER Monthly Reports demonstrate that the ER is monitoring the implementation of the CEMP, Sub-plans and monitoring programs and has only identified one non-compliance during the audit period (failure to submit a monitoring report to the ER as per C22).</p> <p>Observation: Two departures from the SCAW Soil and Water Management Plan (SWMP) were identified during the audit period. 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. 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> <p>Observation: Evidence indicates that clearing on SCAW has followed the procedure from the 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).</p> <p>Observation: At the audit site inspection it was observed that SCAW needed to install flagging and signage on trees to be</p>	<p>C</p>
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			<p>SBT interview 01-02/08/23</p> <p>SBT Systems Audit, 22/05/23 (led by CPB, with Metro participating). Audit Report issued 26/07/23.</p> <p>SBT NCR reports, March – July 2023 (internal conformance reports).</p> <p>SBT Monthly Progress Report (Environmental extract), June 2023</p> <p>SBT Work Packs (capturing key environmental risks and requirements relevant to the works): St Marys: SMWSASBT-CPG-STM-SN100-CV-PKG-261147 Rev02; Orchard Hills: SMWSASBT-CPG-OHE-SN150-CX-PKG-261003_Site Establishment_02; Aerotropolis: SMWSASBT-SMWSASBT-CPG-AEC-SN450-CV-PKG-261087 - Revision 2</p> <p>SBT EWMS Off-Airport Dewatering of Farm Dams and Sediment Basin, Rev02.</p> <p>SCAW Construction Environmental Management Plan, 04/11/22 (SCAW CEMP)</p> <p>SCAW Noise and Vibration Management Sub-plan, 04/11/22 (SCAW NVMP) including noise and vibration monitoring program and records of consultation</p> <p>Letter ER to Sydney Metro, 19/09/22 (ER endorsement of SCAW NVMP Rev D, including confirmation consultation was undertaken in accordance with C5(a))</p> <p>Letter DPE to Sydney Metro, 21/10/22 (approval of SCAW NVMP and NV Monitoring Program)</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 ER to Sydney Metro, 20/09/22 (ER endorsement of SCAW FFMP, Rev D, including confirmation consultation was undertaken in accordance with C5(b))</p> <p>Letter DPE to Sydney Metro, 30/06/23 (DPE approval of updated FFMP, capturing updated Nest Box Strategy and minor amendments).</p> <p>SCAW Soil and Water Management Sub-plan, 04/11/22 (SCAW SWMP) including surface water quality monitoring program, procedures and evidence of consultation</p> <p>Letter ER to Sydney Metro, 19/09/22 (ER endorsement of SCAW SWMP, Rev E, including confirmation consultation was undertaken in accordance with C5(c))</p> <p>Letter ER to Sydney Metro, 19/09/22 (ER endorsement of SCAW Surface Water Quality Monitoring Program, Rev E)</p> <p>Letter DPE to Sydney Metro, 31/10/22 (approval of the SCAW SWMP)</p> <p>Letter ER to Sydney Metro, 31/10/22 (ER endorsement of SCAW CEMP Rev C, SCAW AQMP Rev D, SCAW NAHMP Rev D)</p> <p>Letter ER to Sydney Metro, 07/10/22 (ER endorsement of SCAW PCEMP Rev F, SCAW AQMP Rev 1, SCAW Spoil Management Plan Rev 1, SCAW SWMP Rev 1, including confirmation that consultation was completed in accordance with C5(c))</p> <p>SCAW incident report, 17/05/23 (dewatering incident contrary to SWMP).</p>	<p>retained at the Defence site. The flagging was installed prior to the drafting of this Audit Report.</p> <p>Observation: The SBT FFMP includes a commitment to protect any vegetation to be retained within the work sites (mitigation LV1). It was observed during the audit site inspection that a tree located at Orchard Hills (south near Lansdowne Road) had no tree protection in place and that ground disturbance has occurred within the TPZ. At the time of the inspection it was noted that the tree was approved to be removed, but was intended to be retained if possible.</p> <p>Observation: The SBT SWMP includes a commitment to confine concrete washouts to washout bays (Section 7.4). Concrete washout at Orchard Hills (north-east of Lansdowne Road) required upgrading / additional controls.</p>	
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					<p>water, ground disturbance and OOHV), hours, noise and vibration, air quality) and register.</p> <p>AEW Water EWMS underbording and Fluid management, Rev01</p> <p>AEW Water Erosion and Sediment Control Plans HDD and Underbores, 31/07/23 and Trenching and Excavation 18/07/23 and Gipps Street, 30/06/23</p> <p>AEW Water Cultural Heritage Training, 26/07/23</p> <p>AEW Water, AHIP 5018, 09/12/22</p> <p>ER Monthly Reports for January - July 2023</p> <p>SBT non-compliance report, 06/06/23 and DPE post approval submission 09/06/23 (failure to submit monthly surface water monitoring report to ER as per C21).</p> <p>Auditees' response to draft Audit Report, received 21/09/23</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> <ul style="list-style-type: none"> (i) supervision of dewatering by a suitably qualified ecologist; (ii) a methodology for the transfer of native fauna species known to inhabit and/or use the dam; (iii) the location and suitability of the proposed relocation sites; and (iv) any potential impacts of relocating the fauna to the relocation sites; <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, 21/09/22 (SBT FFMP) 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>	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, 04/11/22 (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 DPE to Sydney Metro, 26/05/23 (DPE acknowledgement of Rev 9 of Staging Report)</p> <p>SBT Construction Environmental Management Plan, 29/09/22 (SBT CEMP)</p> <p>SBT NSW (Off-airport) Construction Noise and Vibration Management Sub-plan, 23/09/22 (SBT NVMP) including Noise and Vibration Monitoring Program and evidence of consultation</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>Letter ER to Sydney Metro, 26/09/22 (ER endorsement of SBT NVMP Rev 1 (inclusive of the NV Monitoring Program) and SBT SWMP Rev 1 (inclusive of the Surface Water Quality Monitoring Program and groundwater monitoring program), and including confirmation that consultation was undertaken in accordance with C13(a) and C13(b))</p> <p>Letter ER to Sydney Metro, 04/10/22 (ER endorsement of SBT CEMP, Rev 2, including the Air Quality Monitoring Program)</p> <p>Letter DPE to Sydney Metro, 07/10/22 (DPE approval of the SBT NVMP and NV Monitoring Program, SWMP, Groundwater Monitoring Program and Surface Water Quality Monitoring Program)</p> <p>SCAW Noise and Vibration Management Sub-plan, 04/11/22 (SCAW NVMP) including noise and vibration monitoring program and records of consultation</p> <p>SCAW Soil and Water Management Sub-plan, 04/11/22 (SCAW SWMP) including surface water quality monitoring program, procedures and evidence of consultation</p> <p>SCAW Air Quality Management Subplan, 29/09/22 (SCAW AQMP) including air quality monitoring program, procedures and evidence of consultation</p> <p>Letter ER to Sydney Metro, 31/10/22 (ER endorsement of SCAW CEMP Rev C, SCAW AQMP Rev D, SCAW NAHMP Rev D, including confirmation that consultation was completed in accordance with C13(d))</p> <p>Letter ER to Sydney Metro, 19/09/22 (ER endorsement of SCAW NV Monitoring Program Rev D, including confirmation that consultation was completed in accordance with C13(a))</p> <p>Letter ER to Sydney Metro, 19/09/22 (ER endorsement of SCAW Surface Water Quality Monitoring Program, Rev E, including confirmation that consultation was completed in accordance with C13(b))</p> <p>Letter ER to Sydney Metro, 04/10/22 (ER endorsement of SBT CEMP, Rev 2, including the Air Quality Monitoring Program including confirmation that consultation was completed in accordance with C13(d))</p> <p>Letter DPE to Sydney Metro, 21/10/22 (approval of SCAW NVMP and NV Monitoring Program)</p> <p>Letter DPE to Sydney Metro, 31/10/22 (approval of the SCAW SWMP)</p> <p>AEW FSM Construction Environmental Management Plan, Laing O'Rourke, 15/05/23</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. All AEW CEMPs are nominated to be endorsed by the ER and not requiring Departmental approval. All AEW CEMPs were endorsed by the ER prior to the current audit period.</p> <p>The Staging Report identifies that the SBT Preparatory CEMP does not require monitoring programs.</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.</p> <p>The Staging Report identifies that the SCAW Preparatory CEMP does not require monitoring programs.</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. 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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, 23/09/22 (SBT NVMP) including Noise and Vibration Monitoring Program and evidence of consultation</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>Letter ER to Sydney Metro, 26/09/22 (ER endorsement of SBT NVMP Rev 1 (inclusive of the NV Monitoring Program) and SBT SWMP Rev 1 (inclusive of the Surface Water Quality Monitoring Program and groundwater monitoring program), and including confirmation that consultation was undertaken in accordance with C13(a) and C13(b))</p> <p>Letter ER to Sydney Metro, 04/10/22 (ER endorsement of SBT CEMP, Rev 2, including the Air Quality Monitoring Program)</p> <p>Letter DPE to Sydney Metro, 07/10/22 (DPE approval of the SBT NVMP and NV Monitoring Program, SWMP, Groundwater Monitoring Program and Surface Water Quality Monitoring Program)</p> <p>SCAW Noise and Vibration Management Sub-plan, 04/11/22 (SCAW NVMP) including noise and vibration monitoring program and records of consultation</p> <p>SCAW Soil and Water Management Sub-plan, 04/11/22 (SCAW SWMP) including surface water quality monitoring program, procedures and evidence of consultation</p> <p>SCAW Air Quality Management Subplan, 29/09/22 (SCAW AQMP) including air quality monitoring program, procedures and evidence of consultation</p> <p>Letter ER to Sydney Metro, 31/10/22 (ER endorsement of SCAW CEMP Rev C, SCAW AQMP Rev D, SCAW NAHMP Rev D, including confirmation that consultation was completed in accordance with C13(d))</p> <p>Letter ER to Sydney Metro, 19/09/22 (ER endorsement of SCAW NV Monitoring Program Rev D, including confirmation that consultation was completed in accordance with C13(a))</p> <p>Letter ER to Sydney Metro, 19/09/22 (ER endorsement of SCAW Surface Water Quality Monitoring Program, Rev E, including confirmation that consultation was completed in accordance with C13(b))</p> <p>Letter ER to Sydney Metro, 04/10/22 (ER endorsement of SBT CEMP, Rev 2, including the Air Quality Monitoring Program including confirmation that consultation was completed in accordance with C13(d))</p> <p>Letter DPE to Sydney Metro, 21/10/22 (approval of SCAW NVMP and NV Monitoring Program)</p> <p>Letter DPE to Sydney Metro, 31/10/22 (approval of the SCAW SWMP)</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

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, 23/09/22 (SBT NVMP) including Noise and Vibration Monitoring Program and evidence of consultation</p> <p>SCAW Noise and Vibration Management Sub-plan, 04/11/22 (SCAW NVMP) including noise and vibration monitoring program and records of consultation</p> <p>Letter DPE to Sydney Metro, 07/10/22 (DPE approval of the SBT NVMP and NV Monitoring Program, SWMP, Groundwater Monitoring Program and Surface Water Quality Monitoring Program)</p> <p>Letter DPE to Sydney Metro, 21/10/22 (approval of SCAW NVMP and NV Monitoring Program)</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
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>Letter DPE to Sydney Metro, 07/10/22 (DPE approval of the SBT NVMP and NV Monitoring Program, SWMP, Groundwater Monitoring Program and Surface Water Quality Monitoring Program)</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 DPE to Sydney Metro, 26/05/23 (DPE acknowledgement of Rev 9 of Staging Report)</p> <p>SBT Construction Environmental Management Plan, 29/09/22 (SBT CEMP)</p> <p>SBT NSW (Off-airport) Construction Noise and Vibration Management Sub-plan, 23/09/22 (SBT NVMP) including Noise and Vibration Monitoring Program and evidence of consultation</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>Letter ER to Sydney Metro, 26/09/22 (ER endorsement of SBT NVMP Rev 1 (inclusive of the NV Monitoring Program) and SBT SWMP Rev 1 (inclusive of the Surface Water Quality Monitoring Program and groundwater monitoring program), and including confirmation that consultation was undertaken in accordance with C13(a) and C13(b))</p> <p>Letter ER to Sydney Metro, 04/10/22 (ER endorsement of SBT CEMP, Rev 2, including the Air Quality Monitoring Program)</p> <p>Letter DPE to Sydney Metro, 07/10/22 (DPE approval of the SBT NVMP and NV Monitoring Program, SWMP, Groundwater Monitoring Program and Surface Water Quality Monitoring Program)</p> <p>SCAW Noise and Vibration Management Sub-plan, 04/11/22 (SCAW NVMP) including noise and vibration monitoring program and records of consultation</p> <p>SCAW Soil and Water Management Sub-plan, 04/11/22 (SCAW SWMP) including surface water quality monitoring program, procedures and evidence of consultation</p> <p>SCAW Air Quality Management Subplan, 29/09/22 (SCAW AQMP) including air quality monitoring program, procedures and evidence of consultation</p> <p>Letter ER to Sydney Metro, 31/10/22 (ER endorsement of SCAW CEMP Rev C, SCAW AQMP Rev D, SCAW NAHMP Rev D, including confirmation that consultation was completed in accordance with C13(d))</p> <p>Letter ER to Sydney Metro, 19/09/22 (ER endorsement of SCAW NV Monitoring Program Rev D, including confirmation that consultation was completed in accordance with C13(a))</p> <p>Letter ER to Sydney Metro, 19/09/22 (ER endorsement of SCAW Surface Water Quality Monitoring Program, Rev E, including confirmation that consultation was completed in accordance with C13(b))</p> <p>Letter ER to Sydney Metro, 04/10/22 (ER endorsement of SBT CEMP, Rev 2, including the Air Quality Monitoring Program including confirmation that consultation was completed in accordance with C13(d))</p> <p>Letter DPE to Sydney Metro, 21/10/22 (approval of SCAW NVMP and NV Monitoring Program)</p> <p>Letter DPE to Sydney Metro, 31/10/22 (approval of the SCAW 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. All AEW CEMPs are nominated to be endorsed by the ER and not requiring Departmental approval. All AEW CEMPs were endorsed by the ER prior to the current audit period.</p> <p>The Staging Report identifies that the SBT Preparatory CEMP does not require monitoring programs.</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.</p> <p>The Staging Report identifies that the SCAW Preparatory CEMP does not require monitoring programs.</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.</p>	C
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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 DPE to Sydney Metro, 26/05/23 (DPE acknowledgement of Rev 9 of Staging Report)</p> <p>SBT Construction Environmental Management Plan, 29/09/22 (SBT CEMP)</p> <p>SBT NSW (Off-airport) Construction Noise and Vibration Management Sub-plan, 23/09/22 (SBT NVMP) including Noise and Vibration Monitoring Program and evidence of consultation</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>Letter ER to Sydney Metro, 26/09/22 (ER endorsement of SBT NVMP Rev 1 (inclusive of the NV Monitoring Program) and SBT SWMP Rev 1 (inclusive of the Surface Water Quality Monitoring Program and groundwater monitoring program), and including confirmation that consultation was undertaken in accordance with C13(a) and C13(b))</p> <p>Letter ER to Sydney Metro, 04/10/22 (ER endorsement of SBT CEMP, Rev 2, including the Air Quality Monitoring Program)</p> <p>Letter DPE to Sydney Metro, 07/10/22 (DPE approval of the SBT NVMP and NV Monitoring Program, SWMP, Groundwater Monitoring Program and Surface Water Quality Monitoring Program)</p> <p>SCAW Noise and Vibration Management Sub-plan, 04/11/22 (SCAW NVMP) including noise and vibration monitoring program and records of consultation</p> <p>SCAW Soil and Water Management Sub-plan, 04/11/22 (SCAW SWMP) including surface water quality monitoring program, procedures and evidence of consultation</p> <p>SCAW Air Quality Management Subplan, 29/09/22 (SCAW AQMP) including air quality monitoring program, procedures and evidence of consultation</p> <p>Letter ER to Sydney Metro, 31/10/22 (ER endorsement of SCAW CEMP Rev C, SCAW AQMP Rev D, SCAW NAHMP Rev D, including confirmation that consultation was completed in accordance with C13(d))</p> <p>Letter ER to Sydney Metro, 19/09/22 (ER endorsement of SCAW NV Monitoring Program Rev D, including confirmation that consultation was completed in accordance with C13(a))</p> <p>Letter ER to Sydney Metro, 19/09/22 (ER endorsement of SCAW Surface Water Quality Monitoring Program, Rev E, including confirmation that consultation was completed in accordance with C13(b))</p> <p>Letter ER to Sydney Metro, 04/10/22 (ER endorsement of SBT CEMP, Rev 2, including the Air Quality Monitoring Program including confirmation that consultation was completed in accordance with C13(d))</p> <p>Letter DPE to Sydney Metro, 21/10/22 (approval of SCAW NVMP and NV Monitoring Program)</p> <p>Letter DPE to Sydney Metro, 31/10/22 (approval of the SCAW 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. All AEW CEMPs are nominated to be endorsed by the ER and not requiring Departmental approval. All AEW CEMPs were endorsed by the ER prior to the current audit period.</p> <p>The Staging Report identifies that the SBT Preparatory CEMP does not require monitoring programs.</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. There does not appear to be any issue with the timing of submission and this requirement. Refer A34 and A35.</p> <p>The Staging Report identifies that the SCAW Preparatory CEMP does not require monitoring programs.</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. There does not appear to be any issue with the timing of submission and this requirement. Refer A34 and A35.</p>	C
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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 DPE to Sydney Metro, 26/05/23 (DPE acknowledgement of Rev 9 of Staging Report)</p> <p>SBT Construction Environmental Management Plan, 29/09/22 (SBT CEMP)</p> <p>SBT NSW (Off-airport) Construction Noise and Vibration Management Sub-plan, 23/09/22 (SBT NVMP) including Noise and Vibration Monitoring Program and evidence of consultation</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>Letter ER to Sydney Metro, 26/09/22 (ER endorsement of SBT NVMP Rev 1 (inclusive of the NV Monitoring Program) and SBT SWMP Rev 1 (inclusive of the Surface Water Quality Monitoring Program and groundwater monitoring program), and including confirmation that consultation was undertaken in accordance with C13(a) and C13(b))</p> <p>Letter ER to Sydney Metro, 04/10/22 (ER endorsement of SBT CEMP, Rev 2, including the Air Quality Monitoring Program)</p> <p>Letter DPE to Sydney Metro, 07/10/22 (DPE approval of the SBT NVMP and NV Monitoring Program, SWMP, Groundwater Monitoring Program and Surface Water Quality Monitoring Program)</p> <p>SCAW Noise and Vibration Management Sub-plan, 04/11/22 (SCAW NVMP) including noise and vibration monitoring program and records of consultation</p> <p>SCAW Soil and Water Management Sub-plan, 04/11/22 (SCAW SWMP) including surface water quality monitoring program, procedures and evidence of consultation</p> <p>SCAW Air Quality Management Subplan, 29/09/22 (SCAW AQMP) including air quality monitoring program, procedures and evidence of consultation</p> <p>Letter ER to Sydney Metro, 31/10/22 (ER endorsement of SCAW CEMP Rev C, SCAW AQMP Rev D, SCAW NAHMP Rev D, including confirmation that consultation was completed in accordance with C13(d))</p> <p>Letter ER to Sydney Metro, 19/09/22 (ER endorsement of SCAW NV Monitoring Program Rev D, including confirmation that consultation was completed in accordance with C13(a))</p> <p>Letter ER to Sydney Metro, 19/09/22 (ER endorsement of SCAW Surface Water Quality Monitoring Program, Rev E, including confirmation that consultation was completed in accordance with C13(b))</p> <p>Letter ER to Sydney Metro, 04/10/22 (ER endorsement of SBT CEMP, Rev 2, including the Air Quality Monitoring Program including confirmation that consultation was completed in accordance with C13(d))</p> <p>Letter DPE to Sydney Metro, 21/10/22 (approval of SCAW NVMP and NV Monitoring Program)</p> <p>Letter DPE to Sydney Metro, 31/10/22 (approval of the SCAW 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. All AEW CEMPs are nominated to be endorsed by the ER and not requiring Departmental approval. All AEW CEMPs were endorsed by the ER prior to the current audit period.</p> <p>The Staging Report identifies that the SBT Preparatory CEMP does not require monitoring programs.</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. The CEMP and Sub-plans and monitoring programs are written as such that allows construction to commence. The Auditor is not aware of circumstances whereby relevant baseline data which may prevent construction proceeding has not been collected.</p> <p>The Staging Report identifies that the SCAW Preparatory CEMP does not require monitoring programs.</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. The CEMP and Sub-plans and monitoring programs are written as such that allows construction to commence. The Auditor is not aware of circumstances whereby relevant baseline data which may prevent construction proceeding has not been collected.</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>ER Monthly Reports for January - July 2023</p> <p>SBT non-compliance report, 06/06/23 and DPE post approval submission 09/06/23 (failure to submit monthly surface water monitoring report to ER as per C21).</p> <p>SBT Surface Water Monitoring Report, 30/05/23 and DPE acknowledgement of receipt, 13/06/23</p> <p>SBT Noise and Vibration Monitoring Report (October - April), 08/06/23 and DPE acknowledgement of receipt 13/06/23</p> <p>SBT Groundwater Monitoring Report, 06/06/23 and DPE acknowledgement of receipt, 22/06/23</p> <p>SBT noise monitoring result register current to 08/07/23</p> <p>SBT Surface Water Quality Monitoring Register, 18/07/23</p> <p>SBT noise monitoring result register current to 08/07/23</p> <p>SCAW 6-monthly construction monitoring report Oct 22 – April 23, Rev B (still under internal review)</p> <p>SCAW consolidated monitoring result register, 30/07/23</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 interview 01-02/08/23</p> <p>SCAW interview 03-04/08/23</p> <p>SBT Construction Environmental Management Plan, 29/09/22 (SBT CEMP)</p> <p>SBT NSW (Off-airport) Construction Noise and Vibration Management Sub-plan, 23/09/22 (SBT NVMP) including Noise and Vibration Monitoring Program and evidence of consultation</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, 04/11/22 (SCAW NVMP) including noise and vibration monitoring program and records of consultation</p> <p>SCAW Soil and Water Management Sub-plan, 04/11/22 (SCAW SWMP) including surface water quality monitoring program, procedures and evidence of consultation</p> <p>SCAW Air Quality Management Subplan, 29/09/22 (SCAW AQMP) including air quality monitoring program, procedures and evidence of consultation.</p> <p>ER Monthly Reports for January - July 2023</p> <p>SBT non-compliance report, 06/06/23 and DPE post approval submission 09/06/23 (failure to submit monthly surface water monitoring report to ER as per C21).</p> <p>SBT Surface Water Monitoring Report, 30/05/23 and DPE acknowledgement of receipt, 13/06/23</p> <p>SBT Noise and Vibration Monitoring Report (October - April), 08/06/23 and DPE acknowledgement of receipt 13/06/23</p> <p>SBT Groundwater Monitoring Report, 06/06/23 and DPE acknowledgement of receipt, 22/06/23</p> <p>SCAW 6-monthly construction monitoring report Oct 22 – April 23, Rev B (still under internal review)</p> <p>SCAW consolidated monitoring result register, 30/07/23</p> <p>Auditees' response to draft Audit Report, received 21/09/23</p>	<p>The first round of monitoring reports are not yet due to the Department.</p> <p>Non-compliance: On 06/06/23 SBT raised a non-compliance report for the failure to submit the monthly surface water monitoring report to ER. This was reported to DPE on 09/06/23 in accordance with A44/A45.</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>	NC
PART D – OPERATIONAL ENVIRONMENTAL MANAGEMENT							
Operational Environmental Management							
D1	<p>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.</p>	Not Applicable	Not Applicable	Applicable	Site inspection 31/07/23 and 07/08/23	The Project is in construction	NT

D2	<p>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:</p> <p>(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;</p> <p>(b) issues identified through ongoing risk analysis can be managed; and</p> <p>(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.</p>	Not Applicable	No Applicable	Applicable	Site inspection 31/07/23 and 07/08/23	The Project is in construction	NT												
D3	<p>Where an OEMP is required, the Proponent must include the following OEMP Sub-plans in the OEMP:</p> <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 31/07/23 and 07/08/23	The Project is in construction	NT
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(b)	Bushfire Management Plan	NSW Rural Fire Service																	
(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 31/07/23 and 07/08/23	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 31/07/23 and 07/08/23	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 31/07/23 and 07/08/23	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 31/07/23 and 07/08/23	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 31/07/23 and 07/08/23	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>SBT Site inspection 31/07/23 and 07/08/23</p> <p>ER Monthly Reports for January - July 2023</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, current to 21/07/23 (environmental toolbox talk register, showing 36 x enviro toolbox deliveries in last 6 months)</p> <p>SBT synergy SHEQ system (online)</p> <p>SBT weekly synergy reports (inspection register)</p> <p>SBT Work Packs (capturing key environmental risks and requirements relevant to the works): St Marys: SMWSASBT-CPG-STM-SN100-CV-PKG-261147 Rev02; Orchard Hills: SMWSASBT-CPG-OHE-SN150-CX-PKG-261003_Site Establishment_02; Aerotropolis: SMWSASBT-SMWSASBT-CPG-AEC-SN450-CV-PKG-261087 - Revision 2</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 04, Paton's Lane to Warragamba RevA, Elizabeth Drive Compound Rev 6, Paton's Lane to Lansdowne Rev2.</p> <p>Auditees' response to draft Audit Report, received 21/09/23</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. The SBT sites are being progressively sealed, in preparation for handover to SSTOM.</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. At least four watercarts are running on the SMF. 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. It is observed that the SMF site in particular is high risk for dust (large scale cut to fill and material handling).</p> <p>A total of 10 x dust related complaints were recorded between 23/02/23 and 30/06/23 (including 3 x from 146D Samuel Marsden Road, refer to B7-B10 regarding this complainant).</p> <p>Observation: At the SCAW Defence site there are poor soils and dust was observed during the audit site inspection. No receivers are proximal to the problem area where dust is apparent. Water is being applied in areas where dust presents a risk to receivers.</p> <p>AEW Water, AEW FSM and AEW SPO is negligible.</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, 21/09/22 (SBT FFMP) including procedures and evidence of consultation</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, 01-02/08/23</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>SCAW pre-clearing inspection, permit and post clearing permits (21 events), Feb – July 23</p> <p>SCAW GIS module (online)</p> <p>SCAW Revised Biodiversity Credit Requirements, AMBS, 01/09/22 and 12/10/22</p> <p>Metro interview 01-07/08/23</p> <p>SBT pre-clearance inspection Orchard Hills South (offset variations), 12/10/22</p> <p>Letter Metro to DPE, 10/11/22 (evidence of retirement of ecosystem credits as at 31/11/22).</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).</p> <p>The only clearing conducted on SBT sites during the audit period has been at Orchard Hills to facilitate SSTOM. This has been minimal. The clearing process is consistent with the approved FFMP.</p> <p>The SCAW design has been refined so that only land required to build the project (that overlaps with PCTs). This has relied on a revised credit requirements assessment by AMBS. 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>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> <p>AEW Water, AEW FSM and AEW SPO have not cleared native vegetation.</p>	C
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E3	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.	Applicable	Applicable	Applicable	<p>SBT NSW (Off-airport) Flora and Fauna Management Sub-plan, 21/09/22 (SBT FFMP) including procedures and evidence of consultation</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>SBT interview, 01-02/08/23</p> <p>DPE 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, 01-02/08/23</p> <p>SBT pre-clearance inspection Orchard Hills South (offset variations), 12/10/22</p> <p>Letter Metro to DPE, 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 Permit to Clear, (permits 001 – 005)</p> <p>SCAW GIS module (online)</p> <p>SCAW Revised Biodiversity Credit Requirements, AMBS, 01/09/22 and 12/10/22</p> <p>SCAW DPE portal lodgment, 10/11/22 (submission of evidence of credit retirement)</p> <p>SCAW pre-clearing inspection, permit and post clearing permits (21 events), Feb – July 23</p> <p>Metro interview 01-07/08/23</p> <p>Letter Metro to DPE, 10/11/22 (evidence of retirement of ecosystem credits as at 31/11/22)</p> <p>Letter DPE 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 DPE 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 DPE 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 DPE 15/06/23 (submission of Dillwynia and Pultenea ecosystem retirement evidence (provision of BCF certificate to DPE, under E7))</p> <p>Letter DPE to Sydney Metro, 28/06/23 (DPE 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 during the audit period 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.</p> <p>AEW Water, AEW FSM and AEW SPO have not cleared native vegetation.</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. 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The staged approach is consistent with the Staging Report.	C
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E5	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.	Applicable	Applicable	Applicable	<p>Letter Metro to DPE and DPE 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 DPE, 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 DPE portal lodgment, 10/11/22 (submission of evidence of credit retirement)</p> <p>Letter Metro to DPE, 10/11/22 (evidence of retirement of ecosystem credits as at 31/11/22, associated evidence)</p> <p>Letter DPE 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 DPE 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 DPE 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 DPE 15/06/23 (submission of Dillwynia and Pultenaea ecosystem retirement evidence (provision of BCF certificate to DPE, under E7))</p> <p>Letter DPE to Sydney Metro, 28/06/23 (DPE acknowledgement of BCF payment)</p>	The evidence provided shows that retirement that has been completed via payment into the trust.	C
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 DPE 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 DPE 15/06/23 (submission of Dillwynia and Pultenaea ecosystem retirement evidence (provision of BCF certificate to DPE, under E7))</p> <p>Letter DPE to Sydney Metro, 28/06/23 (DPE acknowledgement of BCF payment)</p> <p>SBT Permit to Clear, (permits 022 - 024)</p>	This has been adopted for Dillwynia and Pultenaea 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.	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 DPE, 10/11/22 (evidence of retirement of ecosystem credits for SCAW, associated evidence), and DPE portal lodgment 10/11/22</p> <p>Letter Metro to DPE, 12/08/22 evidence of retirement of ecosystem credits for SBT, associated evidence and DPE post approval portal lodgment, 16/08/22</p> <p>Letter Metro to DPE, 10/11/22 (evidence of retirement of ecosystem credits as at 31/11/22).</p>	Confirmation of retirement of credit requirements for AEW, SBT and SCAW were completed and submitted 10/11/22. SCAW clearing involving offset was on 12/11/22	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 31/07/23 and 07/08/23</p> <p>SBT interview 01-02/08/23</p> <p>SCAW interview 03-04/08/23</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 AEW Water, AEW FSM and AEW SPO 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. 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 31/07/23 and 07/08/23</p> <p>SBT interview 01-02/08/23</p> <p>SCAW interview 03-04/08/23</p>	<p>SBT AEW Water, AEW FSM and AEW SPO have not crossed any creeks.</p> <p>SCAW works do not require offset to KFH. Refer E8 and 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 31/07/23 and 07/08/23</p> <p>SBT interview 01-02/08/23</p> <p>SCAW interview 03-04/08/23</p>	<p>SBT AEW Water, AEW FSM and AEW SPO have not crossed any creeks.</p> <p>SCAW works do not require offset to KFH. Refer E8 and 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 31/07/23 and 07/08/23</p> <p>SBT interviews 01-02/08/23</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>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>SCAW Permit to Clear, (permits 001 – 005) and SCAW pre-clearing inspection, permit and post clearing permits (21 events), Feb – July 23</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 scheduled to be conducted in during spring 2023 (during nesting).</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. SCAW has had confirmation from the project ecologist on the status of installation of nest boxes and has staggered clearing to ensure this is compliant with this requirement.</p> <p>SBT AEW Water, AEW FSM and AEW SPO 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, DPE 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</p> <p>SCAW interview 03-04/08/23</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>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 current 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. LLS indicated that they would like to receive the vegetation. At the time of the audit site inspection the vegetation was being held on site in preparation for collection / delivery. 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.</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 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>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>Revegetation does not form part of SBT or SCAW scope of works.</p> <p>Metro has been provided with the information from each contractor, but has yet to compile it into a single Tree Survey. This has not changed during the current audit period.</p>	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 DPI 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 DPE to Sydney Metro, 26/05/23 (DPE acknowledgement of Rev 9 of Staging Report)</p> <p>Site inspection 31/07/23 and 07/08/23</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 PUBCLP, 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, AEW FSM, AEW Water or AEW SPO 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 DPE 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.</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 rowspan="2">Velocity</td> <td>Land zoned as rural, primary production, environment or public recreation</td> <td>Maximum 100mm</td> </tr> <tr> <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	Velocity	Land zoned as rural, primary production, environment or public recreation	Maximum 100mm	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 01-02/08/23</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>Metro interview 01-07/08/23</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>AEW FSM and AEW SPO are outside flood prone land. AEW Water does not alter flood levels.</p>	C
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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 01-02/08/23</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 31/07/23 and 07/08/23	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 01-02/08/23</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 Work Packs Claremont Meadows PKG-261164, Orchard Hills PKG 261125, Orchard Hills PKG 261153</p> <p>Metro interview 01-07/08/23</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 03-04/08/23</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 Orouke, 15/05/23 (Appendix Q)</p> <p>AEW Water Construction Environmental Management Plan, Quickway, 13/06/23) – Appendix G</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 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 to avoid these trees.</p> <p>The AEW packages have the Metro procedure in their CEMP. The only unexpected finds identified are blocks at SMF.</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 31/07/23 and 07/08/23	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 01-02/08/23</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, Feb – Jul 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 fourth audit period. One exceedance of angular distortion was recorded as a result of Sydney Trains tamping activities (separate to the Sydney Metro WSA Project). Results returned to normal after the activity was completed.</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 01-07/08/23</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.</p> <p>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 DPE, 10/06/22 (nomination of Excavation Director to DPE)</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 DPE to Sydney Metro, 01/03/23 (DPE approval of Lian Ramage)</p> <p>Letter DPE to Sydney Metro, 17/06/22 (DPE approval of the SBT St Marys Excavation Directors – Dr Ian Stuart and Jenny Winnett)</p> <p>SCAW interview 03-04/08/23</p> <p>Metro interview 01-07/08/23</p> <p>Letter Heritage NSW to Sydney Metro 13/06/23 (Heritage endorsement of Sophie Jennings as Excavation Director for FSM)</p> <p>Letter DPE to Sydney Metro, 04/07/23 (DPE 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. Refer to "SSD-10051-E23-CwC-Letter" in RFI_15 folder.</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.</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. Refer to "SSD 10051 - E23 - CwC - HC Letter" in RFI_15 folder. 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 – 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	Site inspection 31/07/23 and 07/08/23	Works are ongoing.	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 31/07/23 and 07/08/23	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 31/07/23 and 07/08/23	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 01-02/08/23</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 01-07/08/23</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 03-04/08/23</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.</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
E29	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.	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, August 2023.</p> <p>Email Sydney metro to RAPs, 23/07/23</p> <p>Email RAP representative to Sydney Metro, 25/07/23</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>	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 DPE to Sydney Metro, 24/09/21</p> <p>Sydney Metro interview 01-07/08/23</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>Incident register current to 30/06/23</p> <p>Aboriginal Cultural Heritage Management Plan, Sydney Metro, 19/08/21 (ACHMP)</p> <p>Letter DPE to Sydney Metro, 24/09/21</p> <p>Sydney Metro interview 01-07/08/23</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>Email Sydney metro to RAPs, 23/07/23</p> <p>Email RAP representative to Sydney Metro, 25/07/23</p> <p>AEW Water Cultural Heritage Training, 26/07/23</p> <p>AEW water, AHIP 5018, 09/12/22</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 01-07/08/23</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>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 is on track to be submitted to Sydney Metro for initial review by end of October 2023. Issue to the RAPs for review is to occur after the internal review.</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 01-07/08/23</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 31/07/23 and 07/08/23</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 DPE 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 Orouke, 15/05/23 (Appendix Q)</p> <p>AEW Water Construction Environmental Management Plan, Quickway, 13/06/23) – Appendix G</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 AEW CEMPs include the Metro unexpected finds procedure.</p> <p>The AEW CEMPs include 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 DPE 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 AEW CEMPs include 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 01-02/08/23</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>Site inspection 31/07/23 and 07/08/23</p> <p>SCAW interview 03-04/08/23</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>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	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 .	Applicable	Applicable	Applicable	<p>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, March 2023</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, September 2022.</p> <p>SCAW Noise and Vibration Management Plan, 04/11/22 (Appendix C2)</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>AEW FSM Detailed Noise and Vibration Impact Statement, 05/07/23</p> <p>AEW Water Detailed Noise and Vibration Impact Statement, 26/06/23</p>	The Land Use Surveys are included in the SBT, SCAW, AEW Water, AEW FSM and AEW SPO 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.	C

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, 23/09/22 (SBT NVMP) including Noise and Vibration Monitoring Program and evidence of consultation</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 18/07/23, 26/06/23, 14/06/23, 25/05/23, 17/04/23, 12/03/23</p> <p>SBT Toolbox Talk register, current to 21/07/23 (environmental toolbox talk register, showing 36 x enviro toolbox deliveries in last 6 months)</p> <p>SBT noise monitoring result register current to 08/07/23</p> <p>SCAW Noise and Vibration Management Sub-plan, 04/11/22 (SCAW NVMP) including noise and vibration monitoring program and records of consultation</p> <p>SCAW Project induction, Rev22 (covers air quality, contamination, biodiversity, heritage, unexpected finds (heritage and contam), spoil import, ERSSED, 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 consolidated monitoring result register, 30/07/23</p> <p>SCAW Work Pack, Elizabeth Drive, 21/07/23</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 Pack WE04 (no date), covers noise and vibration, heritage, waste and stockpiling</p> <p>AEW Water Construction Environmental Management Plan, Quickway, 13/06/23</p> <p>AEW Water Induction, PRE-01 Sec 3 (AEW Water induction covering duty of care, EWMS, soil and water, spills, contam, waste, heritage, biodiversity, hold points (inc water, ground disturbance and OOHV), hours, noise and vibration, air quality) and register.</p> <p>A Site Establishment Management Plan, SSTOM Project Office (SPO), Built, 21/12/22 and 15/07/23(SPO SEMP)</p> <p>AEW SPO Detailed Noise and Vibration Impact Statement, 23/02/23</p> <p>EW SPO Site induction, May 2023 (SPO induction covering housekeeping, spills, dust, water, waste, smells and noise, sustainability)</p> <p>Built online training module</p> <p>Built Lucidity (online SHE system)</p> <p>ER Monthly Reports Feb – July 2023</p> <p>Complaints register current to 30/06/23</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, 23/09/22 (SBT NVMP) including Noise and Vibration Monitoring Program and evidence of consultation</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, March 2023</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, September 2022.</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 18/07/23, 26/06/23, 14/06/23, 25/05/23, 17/04/23, 12/03/23</p> <p>SBT Toolbox Talk register, current to 21/07/23 (environmental toolbox talk register, showing 36 x enviro toolbox deliveries in last 6 months)</p> <p>SBT noise monitoring result register current to 08/07/23</p> <p>SCAW Noise and Vibration Management Sub-plan, 04/11/22 (SCAW NVMP) including noise and vibration monitoring program and records of consultation</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 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 consolidated monitoring result register, 30/07/23</p> <p>SCAW Work Pack, Elizabeth Drive, 21/07/23</p> <p>AEW FSM Construction Environmental Management Plan, Laing O'Rourke, 15/05/23</p> <p>AEW FSM Detailed Noise and Vibration Impact Statement, 05/07/23</p> <p>Laing O'Rourke, Field View (checklist and inspection module), (online)</p> <p>FSM Possession Pack WE04 (no date), covers noise and vibration, heritage, waste and stockpiling</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 has completed some limited hammering during the audit periods. The SBT auditees indicate that this has been limited and has not challenged the respite hours. 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
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					<p>AEW Water Construction Environmental Management Plan, Quickway, 13/06/23</p> <p>AEW Water Detailed Noise and Vibration Impact Statement, 26/06/23</p> <p>AEW Water Induction, PRE-01 Sec 3 (AEW Water induction covering duty of care, EWMS, soil and water, spills, contam, waste, heritage, biodiversity, hold points (inc water, ground disturbance and OOHV), hours, noise and vibration, air quality) and register.</p> <p>A Site Establishment Management Plan, SSTOM Project Office (SPO), Built, 21/12/22 and 15/07/23(SPO SEMP)</p> <p>AEW SPO Detailed Noise and Vibration Impact Statement, 23/02/23</p> <p>EW SPO Site induction, May 2023 (SPO induction covering housekeeping, spills, dust, water, waste, smells and noise, sustainability)</p> <p>Built online training module</p> <p>Built Lucidity (online SHE system)</p> <p>ER Monthly Reports Feb – July 2023</p> <p>Complaints register current to 30/06/23</p>		
E40	This approval does not permit blasting.	Applicable	Applicable	Applicable	<p>SBT interview 01-02/08/23</p> <p>SCAW interview 03-04/08/23</p> <p>Metro interview 01-07/08/23</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, 23/09/22 (SBT NVMP) including Noise and Vibration Monitoring Program and evidence of consultation</p> <p>SBT interview 01-02/08/23</p> <p>SBT EPL 21672</p> <p>SBT OOHW Permit Application Register, current to 01/08/23</p> <p>SBT OOHW Application proforma</p> <p>SCAW Noise and Vibration Management Sub-plan, 04/11/22 (SCAW NVMP) including noise and vibration monitoring program and records of consultation</p> <p>SCAW EPL 21695</p> <p>SCAW OOHW permit files 05 - 15, current to 25/07/23</p> <p>SCAW OOHW Permit, Consultation Report and DNVIS for Material Delivery and Stockpiling, approved 01/03/23</p> <p>SCAW consolidated monitoring result register, 30/07/23</p> <p>SCAW Complaint reports 13/07/23 and 19/07/23</p> <p>Metro interview 01-07/08/23</p> <p>FSM OOHW permits 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>AEW Water OOHW Permit, 18/07/23 including ER endorsement signed 21/07/23</p> <p>AEW Water Noise Monitoring Report, 24/07/23 and 25/07/23</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 30 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, with the exception of one activity (OOHW sandstone delivery at Paton's Lane). 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.</p> <p>It is noted that there were two complaints received on 13/07/23 and 19/07/23 regarding OOHW. Of note, for the complaints received on 19/07/23 SCAW advised that they have limited truck movements to 4 per hour and head westbound on Elizabeth Drive to avoid impact on the nearby receiver. As part of investigations, the SCAW Place Manager observed a significant number of trucks from WSA OOHW heading eastbound on Elizabeth Drive.</p> <p>AEW 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>The AEW OOHW conducted during the audit period have been conducted in accordance with 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>The AEW SPO works have not attracted OOHW during the audit period.</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 DPE to Sydney Metro, 11/11/21 (approval of OOHW Protocol)</p> <p>Metro interview 01-07/08/23</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>AEW Water Construction Environmental Management Plan, Quickway, 13/06/23</p> <p>AEW Water Detailed Noise and Vibration Impact Statement, 26/06/23</p> <p>A Site Establishment Management Plan, SSTOM Project Office (SPO), Built, 21/12/22 and 15/07/23(SPO SEMP)</p> <p>AEW SPO Detailed Noise and Vibration Impact Statement, 23/02/23</p> <p>AEW Water OOHW Permit, 18/07/23 including ER endorsement signed 21/07/23</p> <p>AEW Water Noise Monitoring Report, 24/07/23 and 25/07/23</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 AEW OOHW conducted during the audit period have been conducted in accordance with the approved OOHW Protocol.</p>	C
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<p>E43</p>	<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>	<p>Applicable</p>	<p>Applicable</p>	<p>Applicable</p>	<p>Site inspection 31/07/23 and 07/08/23</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, March 2023</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, September 2022.</p> <p>SBT time lapse photos (various)</p> <p>SBT Chek Rite online plant assessment module</p> <p>SBT noise monitoring result register current to 08/07/23</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 OOHW permit files 05 - 15, current to 25/07/23</p> <p>SCAW OOHW Permit, Consultation Report and DNVIS for Material Delivery and Stockpiling, approved 01/03/23</p> <p>SCAW consolidated monitoring result register, 30/07/23</p> <p>AEW FSM Detailed Noise and Vibration Impact Statement, 05/07/23</p> <p>AEW Water Detailed Noise and Vibration Impact Statement, 26/06/23</p> <p>AEW SPO Detailed Noise and Vibration Impact Statement, 23/02/23</p> <p>Complaints register current to 30/06/23</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. 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.</p> <p>The noise risk from AEW Water, AEW FSM and AEW SPO is limited. No complaints have been received in relation to noise or vibration from these works.</p>	<p>C</p>
<p>E44</p>	<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>	<p>Applicable</p>	<p>Applicable</p>	<p>Applicable</p>	<p>Site inspection 31/07/23 and 07/08/23</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>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. At the time of the audit site inspection, tunnelling had not progressed to locations where ground borne noise was expected to exceed the criteria.</p> <p>Ground-borne noise is not anticipated to be an impact on SCAW or the AEW packages as these involve surface works.</p>	<p>C</p>

E45	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.	Applicable	Applicable	Applicable	<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, March 2023</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, September 2022.</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>AEW FSM Detailed Noise and Vibration Impact Statement, 05/07/23</p> <p>AEW Water Detailed Noise and Vibration Impact Statement, 26/06/23</p> <p>AEW SPO Detailed Noise and Vibration Impact Statement, 23/02/23</p>	None of the DNVIS' identify any sensitive land uses listed in this condition as exceeding applicable NMLs.	C
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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 31/07/23 and 07/08/23</p> <p>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, March 2023</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, September 2022.</p> <p>SBT time lapse photos (various)</p> <p>SBT Chek Rite online plant assessment module</p> <p>SBT noise monitoring result register current to 08/07/23</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 OOHW permit files 05 - 15, current to 25/07/23</p> <p>SCAW OOHW Permit, Consultation Report and DNVIS for Material Delivery and Stockpiling, approved 01/03/23</p> <p>SCAW consolidated monitoring result register, 30/07/23</p> <p>AEW FSM Detailed Noise and Vibration Impact Statement, 05/07/23</p> <p>AEW Water Detailed Noise and Vibration Impact Statement, 26/06/23</p> <p>AEW SPO Detailed Noise and Vibration Impact Statement, 23/02/23</p> <p>Complaints register current to 30/06/23</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. 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 AEW Water, AEW FSM and AEW SPO 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>Metro document control record (submission of DNVISs to ER).</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 (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, March 2023</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, September 2022.</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>AEW Water Detailed Noise and Vibration Impact Statement, 26/06/23 and Letter HBI to Sydney Metro, 26/06/23 (ER endorsement of AEW Water DNVIS)</p> <p>AEW SPO Detailed Noise and Vibration Impact Statement, 23/02/23 and Letter HBI to Sydney Metro, 01/03/23 (ER endorsement of AEW SPO DNVIS)</p> <p>Auditees’ response to draft Audit Report, received 21/09/23</p>	<p>Refer to Independent Audit No. 3 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 prepared one DNVIS (Tunnelling), SCAW prepared one DNVIS (Warragamba pipeline works) and DNVISs were prepared for AEW Water, AEW FSM and AEW SPO. 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> <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. The Auditor observes that no consultation has been conducted on the preparation of the DNVISs for AEW SPO, AEW Water. However</p> <ul style="list-style-type: none"> • 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. • AEW Water has yet to undertake works that have triggered the criteria referred to in this condition and the package has confirmed that NMLs. 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. 	C
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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, March 2023</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, September 2022.</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>AEW FSM Master tracker (compliance and monitoring register), current to 07/08/23</p> <p>AEW Water Detailed Noise and Vibration Impact Statement, 26/06/23 and Letter HBI to Sydney Metro, 26/06/23 (ER endorsement of AEW Water DNVIS)</p> <p>AEW SPO Detailed Noise and Vibration Impact Statement, 23/02/23 and Letter HBI to Sydney Metro, 01/03/23 (ER endorsement of AEW SPO DNVIS)</p> <p>ER Monthly Reports for January - July 2023</p> <p>Site inspection 31/07/23 and 07/08/23</p>	<p>The SBT, SCAW, AEW SPO and AEW Water DNVIS' 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
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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 landuse(s). Activities that would exceed highly noise affected criteria during typical case construction must not commerce 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, March 2023</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, September 2022.</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>AEW Water Detailed Noise and Vibration Impact Statement, 26/06/23 and Letter HBI to Sydney Metro, 26/06/23 (ER endorsement of AEW Water DNVIS)</p> <p>AEW SPO Detailed Noise and Vibration Impact Statement, 23/02/23 and Letter HBI to Sydney Metro, 01/03/23 (ER endorsement of AEW SPO 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). The activities identified as potentially exceeding the criteria are high noise activities for SBT and none for SCAW related activities.</p> <p>No AEW packages trigger this requirement.</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 31/07/23 and 07/08/23</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>Complaints register current to 30/06/23</p>	<p>1 x small acoustic shed has 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.</p> <p>There have been no complaints received in relation to activities in or around the shed.</p> <p>No other acoustic sheds are present on the project.</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, March 2023</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, September 2022.</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, OOHW 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>AEW Water Detailed Noise and Vibration Impact Statement, 26/06/23 and Letter HBI to Sydney Metro, 26/06/23 (ER endorsement of AEW Water DNVIS)</p> <p>AEW SPO Detailed Noise and Vibration Impact Statement, 23/02/23 and Letter HBI to Sydney Metro, 01/03/23 (ER endorsement of AEW SPO 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. At-property treatment has not been identified as a requirement.</p> <p>SCAW and AEW packages have not triggered this requirement during the audit period. Refer E49.</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, March 2023</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, September 2022.</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>AEW Water Detailed Noise and Vibration Impact Statement, 26/06/23 and Letter HBI to Sydney Metro, 26/06/23 (ER endorsement of AEW Water DNVIS)</p> <p>AEW SPO Detailed Noise and Vibration Impact Statement, 23/02/23 and Letter HBI to Sydney Metro, 01/03/23 (ER endorsement of AEW SPO 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. At-property treatment has not been identified as a requirement.</p> <p>SCAW and AEW packages have not triggered this requirement during the audit period. Refer E49.</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, March 2023</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, September 2022.</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>AEW Water Detailed Noise and Vibration Impact Statement, 26/06/23 and Letter HBI to Sydney Metro, 26/06/23 (ER endorsement of AEW Water DNVIS)</p> <p>AEW SPO Detailed Noise and Vibration Impact Statement, 23/02/23 and Letter HBI to Sydney Metro, 01/03/23 (ER endorsement of AEW SPO 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. At-property treatment has not been identified as a requirement. Refer E43 and E46 with respect to implementation of controls.</p> <p>SCAW and AEW packages have not triggered this requirement during the audit period. Refer E49.</p>	C
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E54	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.	Applicable	Applicable	Applicable	<p>Site inspection 31/07/23 and 07/08/23</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, Feb – Jul 23 (vibration monitoring at the Goods Shed)</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>AEW FSM Master tracker (compliance and monitoring register), current to 07/08/23</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 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 fourth audit period. One exceedance of angular distortion was recorded as a result of Sydney Trains tamping activities (separate to the Sydney Metro WSA Project). Results returned to normal after the activity was completed.</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
E55	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.	Not Applicable	Applicable	Applicable	<p>Site inspection 31/07/23 and 07/08/23</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, Feb – Jul 23 (vibration monitoring at the Goods Shed)</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>AEW FSM Master tracker (compliance and monitoring register), current to 07/08/23</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 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 fourth audit period. One exceedance of angular distortion was recorded as a result of Sydney Trains tamping activities (separate to the Sydney Metro WSA Project). Results returned to normal after the activity was completed.</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 presentations (north and south) and minutes June 2022 to January 2023</p> <p>Sydney Metro Fortnightly Compliance Working Group Minutes (incl. 04/08/23)</p> <p>Sydney Metro Fortnightly SCAW Environment and Approvals meeting minutes (no date)</p> <p>Meeting minutes (various): On-Airport WSA CICG (Sydney Metro and WSACo), TTLG, Sydney Metro/M12 and WSACo (REMM CL1)</p> <p>ER Monthly Reports January – July 2023</p> <p>Complaints register current to 30/06/23</p> <p>Auditees' response to draft Audit Report, received 21/09/23</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.</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' CICG 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 CICG meetings between February and July 2023 indicate that attendees include relevant Sydney Metro packages, TfNSW, M12, WSA 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. The CICG 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. 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. 	C
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E57	<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>	Not Applicable	Applicable	Applicable	<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 DPE, 25/04/23 (Sydney Metro written advice on process to be adopted for OOHW under community agreement)</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 Consultation Report – Luddenham Roundabout OOHW – Western Sydney Airport – Surface and Civil Alignment Works (SCAW), Revision A and Letter DPE to Sydney Metro 14/08/23 (DPE acknowledgement of E57 report)</p> <p>Email FSM to EPA, 26/05/23 and 21/07/23 (FSM E57 report to EPA) Note the OOHW application includes the E57 report at the back and this is provided to the ER.</p> <p>DPE post approval portal lodgement 26/05/23 and 21/07/23 (FSM E57 report to DPE)</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 and SCAW are of the view that E57 was not triggered during the audit period as no works requiring respite were undertaken and all OOHW were conducted under the respective EPLs.</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 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>AEW FSM prepared an E57 report sand this was submitted to the EPA and Department.</p> <p>AEW Water and AEW SPO have not triggered this requirement during the audit period.</p>	C
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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 31/07/23 and 07/08/23	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 31/07/23 and 07/08/23	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> <ul style="list-style-type: none"> (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); (ii) vibration goals for human exposure for existing sensitive land use(s), as presented in Assessing Vibration: a Technical Guideline (DECC, 2006); <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> <ul style="list-style-type: none"> (i) additional measures to meet the criteria outlined in the NSW Rail Infrastructure Noise Guideline (EPA 2013) and Noise Policy for Industry (EPA, 2017), (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); (iii) when these measures are to be implemented; and (iv) how their effectiveness is to be measured and reported to the Planning Secretary and the EPA. <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 31/07/23 and 07/08/23	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 ^e	Not Applicable ^e	Applicable ^e	Site inspection 31/07/23 and 07/08/23 Complaints register current to 30/06/23	Signs were observed during the site inspection at St Marys. According to complaints register there does not appear to be any issues with access.	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 31/07/23 and 07/08/23 Independent Audit No 3, WolfPeak, 23/03/23 Sydney Metro response to Independent Audit No. 3 draft Audit Report, including File note on visual amenity, received 19/03/23	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.	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 01-02/08/23</p> <p>Letter DPE 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 PUBCLP, December 2022</p> <p>SCAW PUBCLP portal submission record, 19/12/22</p> <p>Letter Govt Architect E63, 30/11/22</p> <p>Letter DPE to Sydney Metro, 30/01/23 (DPE RFI on PUDCLP)</p> <p>Letter CPBUI to DPE, 06/03/23 (CPBUI response to DPE RFI re Council consultation)</p> <p>DPE portal RFI, PA166 (Additional RFI from DPE re Council consultation)</p> <p>Letter Sydney Metro to DPE, 18/04/23 (Sydney Metro response to additional RFI re Council consultation)</p> <p>Letter DPE to Sydney Metro, 10/05/23 (acceptance of response to additional RFI re Council consultation)</p> <p>AEW FSM DRP Architecture Design Presentation, 20/04/23 (first design presentation with design schedule).</p> <p>AEW FSM GANSW Letter of advice, DRP meeting for meeting 16, 08/05/23 (minutes from DRP meeting from 20/04/23)</p>	<p>SBT, AEW Water and AEW SPO do 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 SCWA 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 SCWA and Sydney Metro in its final response. The outcome of the DRP review was submitted to the Department (prior to submission of the PUDCLP).</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). T</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 30/06/23</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>AEW Water Construction Environmental Management Plan, Quickway Site Establishment Management Plan, SSTOM Project Office (SPO), Built, 21/12/22 and 15/07/23 (SPO SEMP), 13/06/23</p>	<p>The SBT CEMP, SCWA VAMP, AEW Water CEMP, AEW FSM CEMP and AEW SPO SEMP 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>Two complaints regarding construction light spill were recorded for the audit period (both relating to SBT) with a third complaint relating to design. SBT responded by shifting the lighting and no further complaints were received.</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 DPE to Sydney Metro, 26/05/23 (DPE acknowledgement of Rev 9 of Staging Report)</p>	<p>This requirement is not triggered by AEW, SBT or SCWA.</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 DPE to Sydney Metro, 26/05/23 (DPE acknowledgement of Rev 9 of Staging Report)</p>	<p>This requirement is not triggered by AEW, SBT or SCWA.</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 DPE to Sydney Metro, 26/05/23 (DPE acknowledgement of Rev 9 of Staging Report)</p> <p>DRP was established 07/03/2022</p> <p>Letter DPE 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>AEW FSM DRP Architecture Design Presentation, 20/04/23 (first design presentation with design schedule).</p> <p>AEW FSM GANSW Letter of advice, DRP meeting for meeting 16, 08/05/23 (minutes from DRP meeting from 20/04/23)</p>	<p>SBT, AEW Water, AEW SPO do 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.</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 DPE to Sydney Metro, 26/05/23 (DPE acknowledgement of Rev 9 of Staging Report)</p> <p>DRP was established 07/03/2022</p> <p>Letter DPE 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>AEW FSM DRP Architecture Design Presentation, 20/04/23 (first design presentation with design schedule).</p> <p>AEW FSM GANSW Letter of advice, DRP meeting for meeting 16, 08/05/23 (minutes from DRP meeting from 20/04/23)</p>	<p>SBT, AEW Water, AEW SPO do 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.</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 DPE to Sydney Metro, 26/05/23 (DPE acknowledgement of Rev 9 of Staging Report)</p> <p>DRP was established 07/03/2022</p> <p>Letter DPE 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>AEW FSM DRP Architecture Design Presentation, 20/04/23 (first design presentation with design schedule).</p> <p>AEW FSM GANSW Letter of advice, DRP meeting for meeting 16, 08/05/23 (minutes from DRP meeting from 20/04/23)</p>	<p>SBT, AEW Water, AEW SPO do 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.</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 DPE 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>AEW FSM DRP Architecture Design Presentation, 20/04/23 (first design presentation with design schedule).</p> <p>AEW FSM GANSW Letter of advice, DRP meeting for meeting 16, 08/05/23 (minutes from DRP meeting from 20/04/23)</p>	<p>To the auditees' knowledge the DRP members remain unchanged from that initially established. Evidence of engagement on the SCAW PUDCLP and AEW FSM design and DRP Meeting Record of Advice demonstrate provision of advice.</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 DPE 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 DPE 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>AEW FSM DRP Architecture Design Presentation, 20/04/23 (first design presentation with design schedule).</p> <p>AEW FSM GANSW Letter of advice, DRP meeting for meeting 16, 08/05/23 (minutes from DRP meeting from 20/04/23)</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 DPE 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>AEW FSM DRP Architecture Design Presentation, 20/04/23 (first design presentation with design schedule).</p> <p>AEW FSM GANSW Letter of advice, DRP meeting for meeting 16, 08/05/23 (minutes from DRP meeting from 20/04/23)</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.</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 DPE 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>AEW FSM DRP Architecture Design Presentation, 20/04/23 (first design presentation with design schedule).</p> <p>AEW FSM GANSW Letter of advice, DRP meeting for meeting 16, 08/05/23 (minutes from DRP meeting from 20/04/23)</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. 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>AEW FSM DRP Architecture Design Presentation, 20/04/23 (first design presentation with design schedule).</p> <p>AEW FSM GANSW Letter of advice, DRP meeting for meeting 16, 08/05/23 (minutes from DRP meeting from 20/04/23)</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 DPE to Sydney Metro, 26/05/23 (DPE acknowledgement of Rev 9 of Staging Report)</p> <p>Letter DPE 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 PUBCLP, December 2022 (including Appendix C)</p> <p>SCAW PUBCLP portal submission record, 19/12/22</p> <p>AEW FSM DRP Architecture Design Presentation, 20/04/23 (first design presentation with design schedule).</p> <p>AEW FSM GANSW Letter of advice, DRP meeting for meeting 16, 08/05/23 (minutes from DRP meeting from 20/04/23)</p>	<p>SBT, AEW Water and AEW SPO do 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.</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 DPE to Sydney Metro, 26/05/23 (DPE 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>AEW FSM DRP Architecture Design Presentation, 20/04/23 (first design presentation with design schedule).</p> <p>AEW FSM GANSW Letter of advice, DRP meeting for meeting 16, 08/05/23 (minutes from DRP meeting from 20/04/23)</p> <p>AEW FSM GANSW Letter of advice, 230802</p>	<p>SBT, AEW Water and AEW SPO do 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>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

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 DPE to Sydney Metro, 26/05/23 (DPE acknowledgement of Rev 9 of Staging Report)</p> <p>Letter DPE 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 PUBCLP, December 2022 (including Appendix C)</p> <p>SCAW PUBCLP portal submission record, 19/12/22</p> <p>Letter CPBUI to DPE, 06/03/23 (CPBUI response to DPE RFI re Council consultation)</p> <p>DPE portal RFI, PA166 (Additional RFI from DPE re Council consultation)</p> <p>Letter Sydney Metro to DPE, 18/04/23 (Sydney Metro response to additional RFI re Council consultation)</p> <p>Letter DPE 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>AEW FSM DRP Architecture Design Presentation, 20/04/23 (first design presentation with design schedule).</p> <p>AEW FSM GANSW Letter of advice, DRP meeting for meeting 16, 08/05/23 (minutes from DRP meeting from 20/04/23)</p> <p>AEW FSM GANSW Letter of advice, 230802</p> <p>Auditees' response to draft Audit Report, received 21/09/23</p>	<p>SBT, AEW Water and AEW SPO do 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.</p> <p>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>Observation: 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).</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 DPE to Sydney Metro, 26/05/23 (DPE acknowledgement of Rev 9 of Staging Report)</p> <p>Letter DPE 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 PUBCLP, December 2022 (including Appendix C)</p> <p>SCAW PUBCLP portal submission record, 19/12/22</p> <p>AEW FSM DRP Architecture Design Presentation, 20/04/23 (first design presentation with design schedule).</p> <p>AEW FSM GANSW Letter of advice, DRP meeting for meeting 16, 08/05/23 (minutes from DRP meeting from 20/04/23)</p> <p>AEW FSM GANSW Letter of advice, 230802</p>	<p>SBT, AEW Water and AEW SPO do 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.</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 DPE to Sydney Metro, 26/05/23 (DPE acknowledgement of Rev 9 of Staging Report)</p> <p>Letter DPE 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 PUBCLP, December 2022 (including Appendix C)</p> <p>SCAW PUBCLP portal submission record, 19/12/22</p> <p>AEW FSM DRP Architecture Design Presentation, 20/04/23 (first design presentation with design schedule).</p> <p>AEW FSM GANSW Letter of advice, DRP meeting for meeting 16, 08/05/23 (minutes from DRP meeting from 20/04/23)</p> <p>AEW FSM GANSW Letter of advice, 230802</p>	<p>SBT, AEW Water and AEW SPO do 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.</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 DPE to Sydney Metro, 26/05/23 (DPE acknowledgement of Rev 9 of Staging Report)</p> <p>SCAW PUBCLP, December 2022 (including Appendix C)</p> <p>SCAW PUBCLP portal submission record, 19/12/22</p>	<p>SBT, AEW Water and AEW SPO do 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 DPE to Sydney Metro, 26/05/23 (DPE acknowledgement of Rev 9 of Staging Report)</p> <p>SCAW PUBCLP, December 2022 (including Appendix C)</p> <p>SCAW PUBCLP portal submission record, 19/12/22</p>	<p>SBT, AEW Water and AEW SPO do 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, 16/06/23</p> <p>SBT Instrument and Monitoring Reports Feb – July 2023</p> <p>SBT property survey reports and register (96 x properties) including dates on issue to landowner.</p> <p>SCAW Construction Environment Management Plan, 04/11/22 (SCAW CEMP)</p> <p>SCAW interview, 09/02/22</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 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 Water preconstruction dilapidation reports Solandar Drive, Luddenham Road, Mamre Road (x2), Madison Circuit, Mandalong Close, Gipps Street (x2) and submission to Penrith City Council.</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>AEW SPO preconstruction dilapidation report Site compound survey and Harris Street.</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 96 x property reports and were issued to the landowners prior to the current audit period. The Reports have been prepared by suitably qualified and experienced persons. 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. 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). 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 Water, AEW FSM and AEW SPO 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>	C
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<p>E83</p>	<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>	<p>Applicable</p>	<p>Applicable</p>	<p>Applicable</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 Settlement and Predicted Effects Report, 16/06/23</p> <p>SBT Instrument and Monitoring Reports Feb – July 2023</p> <p>SBT interview 01-02/08/23</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 30/06/23</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 30/06/23</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.'</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 progress 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.</p> <p>AEW SPO has not interfaced with any services.</p> <p>AEW Water has not diverted any utilities. Locations and investigations have commenced.</p> <p>One complaint was received regarding supply interruption during the audit period. This was attributed to Sydney Water. The auditees are not aware of any disruptions during the audit period.</p>	<p>C</p>
<p>E84</p>	<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>	<p>Applicable</p>	<p>Applicable</p>	<p>Applicable</p>	<p>SBT Building Effects Report, 31/0/1/23 and Independent Certifier acceptance, 23/02/23</p> <p>SBT property survey reports and register (96 x properties) including dates on issue to landowner.</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>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>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 Water preconstruction dilapidation reports Solandar Drive, Luddenham Road, Mamre Road (x2), Madison Circuit, Mandalong Close, Gipps Street (x2) and submission to Penrith City Council.</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>AEW SPO preconstruction dilapidation report Site compound survey and Harris Street.</p>	<p>SBT has completed 96 x property reports and were issued to the landowners and surveys on potentially affected utilities. The Reports have been prepared by suitably qualified and experienced persons. 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 prepared by a suitably qualified and experienced person and 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 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 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>	<p>C</p>

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 31/07/23 and 07/08/23</p> <p>AEW TBI Post Construction Dilapidation Report, Ward Civil 09/05/22</p> <p>Email TTF 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>Sydney Metro response to RFI, 18/08/23</p> <p>Auditees' response to draft Audit Report, received 21/09/23</p>	<p>Observation: Evidence indicates that post-construction survey reports have not been issued to relevant landowners for AEW TBI, AEW St Mary's 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 Metro's stance that condition surveys required under condition E84 and E85 are not required for the AEW packages of works (TBI, Power, St Mary's 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 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 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 '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).' 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>	NT
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 01-02/08/23</p> <p>SCAW interview 03-04/08/23</p> <p>Complaints register current to 30/06/23</p> <p>Sydney Metro interview 01-07/08/23</p>	<p>SBT, SCAW and AEW packages have not yet had to undertake any rectification works. Construction is ongoing.</p> <p>3 x complaints regarding the condition of Luddenham Road were received during the audit period. The complaints register indicates that Council completed repairs and that there were no further complaints.</p>	NT
E87	<p>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.</p>	Applicable	Applicable		<p>Site inspection 31/07/23 and 07/08/23</p> <p>SBT Building Effects Report, Rev B, 31/10/22</p> <p>SBT Settlement and Predicted Effects Report, 16/06/23</p> <p>SBT Instrument and Monitoring Report, AFC, 14/03/23</p> <p>SBT geosense online GIS (with settlement monitoring points identified)</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. The relevant works have yet to commence however, monitoring equipment has been installed and monitoring has commenced.</p> <p>The DNVISs for SCAW, AEW Water, AEW FSM and AEW SPO 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>Metro interview 01-07/08/23</p> <p>Site inspection 31/07/23 and 07/08/23</p> <p>Letter DPE to Metro, 30/06/23 (DPE approval of IPIAP)</p> <p>Memo IPIAP to Metro, 25/0723</p> <p>Auditees' response to draft Audit Report, received 21/09/23</p>	<p>The IPAIP was approved on 30/06/23. According to SBT tunnelling on NSW land commenced 20/07/23.</p> <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 want to see the monitoring results at the regular monthly IPIAP meetings.' The Auditor notes that E88 requires the 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.</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>Metro interview 01-07/08/23</p> <p>Site inspection 31/07/23 and 07/08/23</p> <p>Letter DPE to Metro, 30/06/23 (DPE approval of IPIAP)</p> <p>Memo IPIAP to Metro, 25/0723</p>	<p>The IPAIP was approved on 30/06/23. Costs are borne by Sydney Metro.</p> <p>According to SBT tunnelling on NSW land commenced 20/07/23. The relevant works have yet to commence however, monitoring equipment has been installed and monitoring has commenced.</p> <p>There have been no disputes to date.</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>Metro interview 01-07/08/23</p> <p>Site inspection 31/07/23 and 07/08/23</p> <p>Letter DPE to Metro, 30/06/23 (DPE approval of IPIAP)</p> <p>Memo IPIAP to Metro, 25/0723</p>	<p>The IPAIP was approved on 30/06/23. Costs are borne by Sydney Metro.</p> <p>According to SBT tunnelling on NSW land commenced 20/07/23. The relevant works have yet to commence however, monitoring equipment has been installed and monitoring has commenced.</p> <p>There have been no disputes to date.</p>	NT
E91	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	Applicable	Not Applicable	Applicable	<p>SBT Small Business Owners Engagement Plan (St Marys), 16/05/22</p> <p>DPE 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>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>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 01-02/08/23</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>SMWSA SSI10051_IA3_Request for Information_SBT_Rev1.1DRAFT_EF, 23/02/23 (SBT response to Auditor's request for information)</p> <p>SCAW CPBUI DSI Tracker, 01/08/23, plus sample of DSIs from Douglas Partners (various dates)</p> <p>SCAW interview 03-04/08/23</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>The Auditor is not aware of DSIs or remediation being required for AEW during the audit period.</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, 01/08/23, plus sample of DSIs from Douglas Partners (various dates)</p> <p>SCAW RAP for AEC43, Douglas Partners, 07/12/22</p> <p>SAR and Section B SAS AEC43, Senversa, 07/05/23</p> <p>SCAW RAP for AEC35, Douglas Partners, March 2023</p> <p>SAR and Section B SAS AEC35, Senversa, 09/05/23</p> <p>SCAW RAP for AEC36, Douglas Partners, July 2023</p> <p>SAR and Section B SAS AEC36, Senversa, 28/07/23</p> <p>SCAW interview 03-04/08/23</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.</p> <p>SCAW has had three RAPs prepared to date, with the remaining seven sites assessed not requiring a RAP. The RAP addresses the requirements of this condition. The Site Auditor has verified that the RAPs are appropriate. Remediation on AEC35 is underway. Remedial works under AEC36 and AEC43 have yet to commence.</p> <p>The Auditor is not aware of DSIs or remediation being required for AEW during the audit period.</p>	C

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, 01/08/23, plus sample of DSIs from Douglas Partners (various dates)</p> <p>SCAW RAP for AEC43, Douglas Partners, 07/12/22</p> <p>SAR and Section B SAS AEC43, Senversa, 07/05/23</p> <p>SCAW RAP for AEC35, Douglas Partners, March 2023</p> <p>SAR and Section B SAS AEC35, Senversa, 09/05/23</p> <p>SCAW RAP for AEC36, Douglas Partners, July 2023</p> <p>SAR and Section B SAS AEC36, Senversa, 28/07/23</p> <p>SCAW interview 03-04/08/23</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.</p> <p>SCAW has had three RAPs prepared to date, with the remaining seven sites assessed not requiring a RAP. The RAP addresses the requirements of this condition. The Site Auditor has verified that the RAPs are appropriate. Remediation on AEC35 is underway. Remedial works under AEC36 and AEC43 have yet to commence.</p> <p>The Auditor is not aware of remediation being required for AEW.</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>Site inspection 31/07/23 and 07/08/23</p> <p>SBT interview 01-02/08/23</p> <p>SCAW interview 03-04/08/23</p>	<p>SBT validation reports will be prepared prior to the handover of the sites.</p> <p>SCAW validation reports will be prepared prior to the handover of the sites.</p> <p>The Auditor is not aware of remediation being required for AEW.</p>	NT
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>Site inspection 31/07/23 and 07/08/23</p> <p>SBT interview 01-02/08/23</p> <p>SCAW interview 03-04/08/23</p>	<p>SBT validation reports will be prepared prior to the handover of the sites. Section A SASs will be issued thereafter.</p> <p>SCAW validation reports will be prepared prior to the handover of the sites. Section A SASs will be issued thereafter</p> <p>The Auditor is not aware of remediation being required for AEW.</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 01-02/08/23</p> <p>SCAW interview 03-04/08/23</p>	<p>There is no timing identified for this requirement.</p> <p>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.</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 01-02/08/23</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 31/07/23 and 07/08/23</p> <p>SBT Environmental Visual Guides C0239 (various)</p> <p>SBT Site Environmental plans (various)</p> <p>SCAW Soil and Water Management Plan, 04/11/22 (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) 31/07/23</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>K99 inspection record 23/07/23, TfNSW inspection report 24/07/23</p> <p>FSM Possession Pack WE04 (no date), covers noise and vibration, heritage, waste and stockpiling</p> <p>AEW Water Construction Environmental Management Plan, Quickway, 13/06/23</p> <p>AEW Water inspection records, July – August 2023.</p> <p>AEW Water tool box talks, July-August 2023 (rehabilitation, ersed, biodiversity, unexpected finds, spills)</p> <p>AEW Water Induction, PRE-01 Sec 3 (AEW Water induction covering duty of care, EWMS, spoil and water, spills, contam, waste, heritage, biodiversity, hold points (inc water, ground disturbance and OOHV), hours, noise and vibration, air quality) and register.</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 AEW Water and AEW FSM CEMPs and the AEW SPO SEMP. The requirements have been communicated to the workforce. AEW packages are not aware of any unexpected contamination finds during the audit period.</p>	C
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E99	The Unexpected Contaminated Land and Asbestos Finds Procedure must be implemented throughout construction.	Applicable	Applicable	Applicable	<p>SBT interview 01-02/08/23</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 31/07/23 and 07/08/23</p> <p>SBT Environmental Visual Guides C0239 (various)</p> <p>SBT Site Environmental plans (various)</p> <p>SCAW Soil and Water Management Plan, 04/11/22 (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) 31/07/23</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>K99 inspection record 23/07/23, TfNSW inspection report 24/07/23</p> <p>FSM Possession Pack WE04 (no date), covers noise and vibration, heritage, waste and stockpiling</p> <p>AEW Water Construction Environmental Management Plan, Quickway, 13/06/23</p> <p>AEW Water inspection records, July – August 2023.</p> <p>AEW Water tool box talks, July-August 2023 (rehabilitation, ersed, biodiversity, unexpected finds, spills)</p> <p>AEW Water Induction, PRE-01 Sec 3 (AEW Water induction covering duty of care, EWMS, soil and water, spills, contam, waste, heritage, biodiversity, hold points (inc water, ground disturbance and OOHW), hours, noise and vibration, air quality) and register.</p> <p>Auditees' response to draft Audit Report, received 21/09/23</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 AEW Water and AEW FSM CEMPs and the AEW SPO SEMP. The requirements have been communicated to the workforce. AEW packages are not aware of any unexpected contamination finds during the audit period.</p> <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 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.</p> <p>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.</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 DPE, 21/01/22</p> <p>DPE post approval portal lodgement record 24/01/22</p> <p>Letter DPE 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 DPE, 21/01/22</p> <p>DPE post approval portal lodgement record 24/01/22</p> <p>Letter DPE to Sydney Metro, 25/03/22 (acceptance of sustainability plan)</p> <p>SBT Sustainability Plan, 12/07/22</p> <p>SBT Sustainability Design Report, 28/10/22 and 29/05/23</p> <p>SBT Sustainability Initiatives and Opportunity Register, current to 01/08/23</p> <p>SBT environmental inspection module (online)</p> <p>SBT Sustainability Dashboard, June 2023</p> <p>SBT Monthly Progress Report, June 2023</p> <p>SBT Monthly Sustainability Report, January 2023</p> <p>SBT Quarterly Sustainability Report, (Q2, 2023), 09/06/23</p> <p>SCAW Sustainability Plan, 04/10/22</p> <p>SCAW Sustainability Design Report Stages 1 and 2, 16/02/23 and for Stage 3 19/03/23</p> <p>SCAW ISC Opportunities Register, 28/07/23</p> <p>SCAW weekly environmental inspections (online)</p> <p>SCAW Monthly Progress Report, June 2023</p> <p>SCAW Quarterly Sustainability Report Q2 2023, issued 18/07/23</p> <p>SCAW Climate Change Risk Assessment Report, RPT-080301</p> <p>SCAW Sustainability Dashboard, July 2023</p> <p>Metro interview 01-07/08/23.</p> <p>SPO Monthly Sustainability Report</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, 09/05/23</p> <p>AEW SPO Sustainability dashboard July 2023</p> <p>Auditees' response to draft Audit Report, received 21/09/23</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 ~80 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.</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 Design Report documents the compliance with sustainability requirements. The Progress meeting minutes identify the tracking of actions / requirements. The weekly environmental inspection regime includes sustainability initiatives (resource, waste energy, community etc).</p> <p>The Sustainability Monthly Reports provided by each contractor (SBT, SCAW, AEW FSM and AEW Power) assess their performance against the metrics set out in the overarching Sustainability Plan.</p> <p>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>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. • Diesel usage tracked in a separate tracker (Ref: 10051_IA4_21 Dashboard Snapshot Markup) 	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 01-02/08/23</p> <p>SBT Water Reuse Strategy, 29/07/2022</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 31/07/23 and 07/08/23</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 03-04/08/23</p> <p>SCAW Monster Monthly Data Collection, June 2023</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>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. This remains unchanged from the third Independent Audit.</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>AEW FSM Water Reuse Strategy is appended to the approved CEMP.</p> <p>According to the approved staging report, no other active AEW packages require a Water reuse Strategy.</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 DPE to Sydney Metro, 18/02/22 (approval of overarching Construction Traffic Management Plan)</p> <p>SBT interview 01-02/08/23</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 May 22 (revised Jan 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 DPE to Sydney Metro, 16/12/21 (acknowledgement of receipt of St Marys CTMP)</p> <p>Letter DPE 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 DPE 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 synergy online module action plans, current to 01/08/23</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 03/11/22 (revised 19/01/23), CTMP Lansdowne Road Gate 1 22/02/23, CTMP Luddenham Road Gates 4&5 04/05/23, CTMP Badgerys Creek Road Gate 9 18/04/23, CTMP Luddenham Road Roundabout Construction 12/07/23</p> <p>DPE post approval portal lodgment, 16/09/22 (submission of SCAW Overarching CTMP)</p> <p>Letter DPE to Sydney Metro, 19/09/22 (DPE acknowledgment of the SCAW Overarching CTMP)</p> <p>DPE post approval portal, 14/10/22 (submission of Elizabeth Drive CTMP) note works commenced in middle of October (after PCEMP)</p> <p>DPE post approval portal, 19/01/23 (submission of Luddenham Road CTMP) note works commenced in February 2023</p> <p>DPE 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>DPE post approval portal, 28/03/23 (submission of Luddenham Road Gates 4&5 CTMP)</p> <p>DPE post approval lodgment, 05/04/23 (notification of non-compliance on the delayed submission of Luddenham Road Gates 4&5 CTMP)</p> <p>DPE post approval portal, 28/03/23 (submission of Lansdowne Road Gate 1 CTMP) note works at this location have yet to commence</p> <p>DPE post approval portal, 27/04/23 (submission Badgerys Creek Road Gate 9 CTMP) note works commenced at this location in April 2023.</p> <p>DPE 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 three local CTMPs. 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. To note, the SPO CTMP was prepared and underwent review by TfNSW CJP. Given that SPO works are not 'construction' under the terms of the approval, the SPO CTMP has not been issued to the Department.</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.</p> <p>The Auditor notes that he does not have experience or technical knowledge in traffic.</p> <p>Non-compliance: SCAW did not submit the Luddenham Road Gates 4&5 CTMP until after commencement of construction at this location. This was reported in accordance with A44.</p>	NC
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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 01-02/08/23</p> <p>SBT Virtual Superintendent (online tracking module)</p> <p>SCAW interview 03-04/08/23</p> <p>Site inspection 31/07/23 and 07/08/23</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 AEW packages.</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 01-02/08/23</p> <p>SBT Virtual Superintendent (online tracking module)</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 DPE to Metro (SSI-10051-PA-98), approval of local roads (HVLRL) at St Marys, plus acknowledgement of receipt of CTMP for St Marys Demolition</p> <p>SBT HVLRL Report, 05/07/23 (St Marys)</p> <p>Letter DPE to Sydney Metro, 10/07/23 (approval of St Marys HVLRL).</p> <p>Site inspection 31/07/23 and 07/08/23</p> <p>SCAW interview 03-04/08/23</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 03/11/22 (revised 19/01/23), CTMP Lansdowne Road Gate 1 22/02/23, CTMP Luddenham Road Gates 4&5 04/05/23, CTMP Badgerys Creek Road Gate 9 18/04/23, CTMP Luddenham Road Roundabout Construction 12/0723</p> <p>SCAW Virtual Superintendent (online tracking module)</p> <p>AEW Water CTMP (3), 26/05/23</p> <p>AEW Water Heavy Vehicle use of Local Roads (HVLRL) Application (Project), 17/05/23 and DPE approval, 05/06/23</p> <p>AEW Water Heavy Vehicle use of Local Roads (HVLRL) Application Gipps Street, 29/05/23 and DPE approval, 09/06/23</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 HVLRL was also approved by the Department. The updates St Marys CTMP (*capturing the July HVLRL) 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 and AEW SPO do not require access to local roads not already included in the EIS.</p> <p>Local roads are being used by AEW Water. Applications were submitted and the Department approved these in June 2023.</p>	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 DPE 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 May 22 (revised Jan 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 DPE to Sydney Metro, 10/07/23 (approval of St Marys HVLR).</p> <p>Site inspection 31/07/23 and 07/08/23</p> <p>SCAW interview 03-04/08/23</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 03/11/22 (revised 19/01/23), CTMP Lansdowne Road Gate 1 22/02/23, CTMP Luddenham Road Gates 4&5 04/05/23, CTMP Badgerys Creek Road Gate 9 18/04/23, CTMP Luddenham Road Roundabout Construction 12/0723</p> <p>SCAW Virtual Superintendent (online tracking module)</p> <p>AEW Water CTMP (3), 26/05/23</p> <p>AEW Water Heavy Vehicle use of Local Roads (HVLR) Application (Project), 17/05/23 and DPE approval, 05/06/23</p> <p>AEW Water Heavy Vehicle use of Local Roads (HVLR) Application Gipps Street, 29/05/23 and DPE approval, 09/06/23</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.</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 and AEW SPO do not require access to local roads not already included in the EIS.</p> <p>Local roads are being used by AEW Water. Applications were submitted and the Department approved these in June 2023.</p>	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 01-02/08/23</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 Water preconstruction dilapidation reports Solandar Drive, Luddenham Road, Mamre Road (x2), Madison Circuit, Mandalong Close, Gipps Street (x2) and submission to Penrith City Council.</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>AEW SPO preconstruction dilapidation report Site compound survey and Harris Street.</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>Site inspection 31/07/23 and 07/08/23</p> <p>SBT interview 01-02/08/23</p> <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>SCAW interview 03-04/08/23</p> <p>Sydney Metro interviews 01-07/08/23</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. For each SBT have commissioned repairs to be undertaken. Repairs were sighted at Phillip Street St Marys during the audit site inspection.</p> <p>SCAW, AEW Water, AEW FSM and AEW SPO are not aware of any damage to roads as a result of their activities.</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 January - July 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 May 22 (revised Jan 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 03/11/22 (revised 19/01/23), CTMP Lansdowne Road Gate 1 22/02/23, CTMP Luddenham Road Gates 4&5 04/05/23, CTMP Badgerys Creek Road Gate 9 18/04/23, CTMP Luddenham Road Roundabout Construction 12/07/23</p> <p>SPO CTMP, TTW, 27/01/23</p> <p>AEW FSM CTMP, Laing Orourke, 25/05/23</p> <p>AEW Water CTMP (3), 26/05/23</p> <p>Site inspection 31/07/23 and 07/08/23</p> <p>Complaints register current to 30/06/23</p> <p>Auditees' response to draft Audit Report, received 21/09/23</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. The ER has not identified any compliance issues with this requirement.</p> <p>Observation: A complaint was received on 15/05/23 regarding the queuing of 50 trucks were on Paton's Lane, Orchard Hills, waiting to access the site compound approximately at 6:45am and 7:30am. SBT responded by stating that this occurred due to wet weather preventing them from accepting the vehicles (to manage soil and water risk). Rectification works occurred and trucks continued to move. Truck drivers were toolboxed and the complaint was marked by Sydney Metro as closed.</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 January - July 2023</p> <p>Site inspection 31/07/23 and 07/08/23</p> <p>SBT interview 01-02/08/23</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 May 22 (revised Jan 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 03/11/22 (revised 19/01/23), CTMP Lansdowne Road Gate 1 22/02/23, CTMP Luddenham Road Gates 4&5 04/05/23, CTMP Badgerys Creek Road Gate 9 18/04/23, CTMP Luddenham Road Roundabout Construction 12/07/23</p> <p>Complaints register current to 30/06/23</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>SPO CTMP, TTW, 27/01/23</p> <p>AEW FSM CTMP, Laing O'Rourke, 25/05/23</p> <p>AEW Water CTMP (3), 26/05/23</p>	<p>SBT and SCAW operate and 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>SBT had one justified complaint regarding parking at an informal property gate was received during the audit period. The plant was moved as soon as the complaint was received.</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>One complaint was received regarding supply interruption during the audit period. This was attributed to Sydney Water. 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 January - July 2023</p> <p>Site inspection 31/07/23 and 07/08/23</p> <p>SBT interview 01-02/08/23</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 May 22 (revised Jan 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 03/11/22 (revised 19/01/23), CTMP Lansdowne Road Gate 1 22/02/23, CTMP Luddenham Road Gates 4&5 04/05/23, CTMP Badgerys Creek Road Gate 9 18/04/23, CTMP Luddenham Road Roundabout Construction 12/07/23</p> <p>Complaints register current to 30/06/23</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>SPO CTMP, TTW, 27/01/23</p> <p>AEW FSM CTMP, Laing O'Rourke, 25/05/23</p> <p>AEW Water CTMP (3), 26/05/23</p>	<p>SBT and SCAW operate and 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>SBT had one justified complaint regarding parking at an informal property gate was received during the audit period. The plant was moved as soon as the complaint was received.</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 January - July 2023</p> <p>Site inspection 31/07/23 and 07/08/23</p> <p>SBT interview 01-02/08/23</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 May 22 (revised Jan 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 03/11/22 (revised 19/01/23), CTMP Lansdowne Road Gate 1 22/02/23, CTMP Luddenham Road Gates 4&5 04/05/23, CTMP Badgerys Creek Road Gate 9 18/04/23, CTMP Luddenham Road Roundabout Construction 12/07/23</p> <p>Complaints register current to 30/06/23</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>SPO CTMP, TTW, 27/01/23</p> <p>AEW FSM CTMP, Laing O'Rourke, 25/05/23</p> <p>AEW Water CTMP (3), 26/05/23</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. SBT had one justified complaint regarding parking at an informal property gate was received during the audit period. The plant was moved as soon as the complaint was received.</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 January - July 2023</p> <p>Site inspection 31/07/23 and 07/08/23</p> <p>SBT interview 01-02/08/23</p> <p>SCAW interview 03-04/08/23</p> <p>Complaints register current to 30/06/23</p>	<p>SBT, SCAW, AEW Water, AEW FSM and AEW SPO 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>	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 31/07/23 and 07/08/23</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 May 22 (revised Jan 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 03/11/22 (revised 19/01/23), CTMP Lansdowne Road Gate 1 22/02/23, CTMP Luddenham Road Gates 4&5 04/05/23, CTMP Badgerys Creek Road Gate 9 18/04/23, CTMP Luddenham Road Roundabout Construction 12/07/23</p> <p>SPO CTMP, TTW, 27/01/23</p> <p>AEW FSM CTMP, Laing Orourke, 25/05/23</p> <p>AEW Water CTMP (3), 26/05/23</p> <p>Complaints register current to 30/06/23</p> <p>ER Monthly Reports for January - July 2023</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. Only one justified complaint regarding parking at an informal property gate was received during the audit period. The plant was moved as soon as the complaint was received.</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>AEW Water, AEW FSM and AEW SPO 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>Site inspection 31/07/23 and 07/08/23</p> <p>ER Monthly Reports for January - July 2023</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>WSA TTLG meeting minutes Feb – Jul 23</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.</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> <p>(a) in consultation with, and to the reasonable requirements of the relevant Traffic and Transport Liaison Group;</p> <p>(b) in consideration of existing and future demand, connectivity (in relation to permanent changes), performance and safety requirements;</p> <p>(c) to minimise and manage local area traffic impacts;</p> <p>(d) to, where possible and appropriate, retain or reinstate parking in St Marys;</p> <p>(e) to ensure access is maintained to property and infrastructure</p> <p>(f) to address relevant design, engineering and safety guidelines, including Austroads, Australian Standards and TfNSW requirements.</p> <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>WSA TTLG meeting minutes monthly from Feb 23</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 May 22 (revised Jan 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 03/11/22 (revised 19/01/23), CTMP Lansdowne Road Gate 1 22/02/23, CTMP Luddenham Road Gates 4&5 04/05/23, CTMP Badgerys Creek Road Gate 9 18/04/23, CTMP Luddenham Road Roundabout Construction 12/07/23</p> <p>SPO CTMP, TTW, 27/01/23</p> <p>AEW FSM CTMP, Laing Orourke, 25/05/23</p> <p>AEW Water CTMP (3), 26/05/23</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 and SCAW 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>WSA TTLG meeting minutes monthly from Feb 23</p>	<p>SBT, SCAW, AEW Water, AEW FSM and AEW SPO are not delivering any permanent road works.</p>	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>	<p>SBT, SCAW, AEW Water, AEW FSM and AEW SPO are not delivering any permanent road works.</p>	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 Settlement and Predicted Effects Report, 16/06/23</p> <p>SBT Instrument and Monitoring Reports Feb – July 2023</p> <p>SBT interview 01-02/08/23</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>Complaints register current to 30/06/23</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 30/06/23</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>One complaint was received regarding supply interruption during the audit period. This was attributed to Sydney Water. Services investigations have been completed for the AEW packages but not diversions / interruptions have occurred.</p> <p>The auditees are not aware of any disruptions during the audit period.</p>	C
E121	<p>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.</p>	Not Applicable	Applicable	Applicable	<p>SBT interview 03/02/22</p> <p>SCAW interview, 09/02/23</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>SBT 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. These have been conducted in consultation with, and approval from, Water NSW. Design development is ongoing and will be conducted 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 Sustainability Dashboard, June 2023</p> <p>SBT Waste Disposal Site Approval Guidance, 08/09/22</p> <p>SBT Waste Disposal Register, 24/01/23</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>SCAW environmental inspection checklists (online)</p> <p>Bingo EPL 13426</p> <p>SCAW Aussie Skips Monthly Reports, Feb - July 2023</p> <p>Site inspection 31/07/23 and 07/08/23</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>No ACM was disposed of during the fourth audit period. 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 AEW Water, AEW FSM has been negligible to date, with material either not yet removed from site, recycled or reused on site. Refer E124.</p>	C
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 01-02/08/23</p> <p>SBT Material Importation Tracker and Aerotropolis tracker, current to August 2023</p> <p>SBT Material Importation Form and accompanying Material Classification Report, 07/10/22</p> <p>SCAW Material Import Tracker, current to May 2023</p> <p>SCAW interview 03-04/08/23</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>Section 143 certificate 29/11/22 (for Rozelle Tunnel Material) and Rozelle Interchange RRE and RRO, 17/12/19</p> <p>Letter SCAW to Seymour Whyte (AeroWest), 09/05/23 (VENM acceptance letter).</p> <p>Letter SCAW to Viking Civil (46-54 Court Road and 356-358 Horsley Drive), 21/04/23</p> <p>ENM Assessment Report, SBT Low Impact Areas, Tetra Tech, 27/02/23</p> <p>ENM Assessment Paton's Lane, Integrated Environmental, 05/07/23</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 issues identified.</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 Water has only brought in sand products (no recycled waste attracting the requirements of this condition). AEW SPO and AEW FSM have not imported any waste to date.</p>	C

E124	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.	Applicable	Applicable	Applicable	<p>SBT Waste Disposal Site Approval Guidance, 08/09/22</p> <p>SBT Waste Tracker, Aerropolis, current to July 2023</p> <p>SBT Spoil Tracking Register, current to June 2023</p> <p>Cleanaway tip dockets and EPA consignment authorisations, June 2023</p> <p>SBT truck run sheets (VENM SBT to M12, Attcall Civil, 11/07/23, 09/08/23), (ENM to Paton's Lane, Baker Group, 11/04/23), (ENM to Penrith Business Park, Baker Group 20/06/23)</p> <p>Nepean business park tip docket 4077/1</p> <p>SBT Djurwa Pty Ltd (skips) Monthly reports, to July 2023</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>Letter Georgiou (M12) to SCAW, 30/01/23 (SCAW VENM to M12).</p> <p>AEW SPO Skip Bin Reports Feb – July 2023</p> <p>AEW FSM Brefni Docket for Canopy Demo (canopy disposal record)</p> <p>AEW Water Waste tracking register, 08/08/23</p> <p>AEW Water MET recycling tip docket, 01, 07/08/23</p>	<p>SBT Waste Disposal Site Approval Guidance establishes a process for securing waste disposal sites (including development sites for reuse of soil). The SBT Waste Disposal Register identifies resource recovery facilities / service providers for recycling and / or disposal. Note that the SBT spoil / waste trackers only contain data to the middle of July 2023.</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). No ACM was disposed of offsite during the fourth audit period. Building and demolition waste is being managed by Aussie Skips. Monthly Report shows where the waste has gone for recycling / recover / disposal. SCAW has not exported spoil from site during the audit period.</p> <p>AEW Water has classified and disposed of GSW (to landfill) and VENM (to development site). Records have been retained.</p> <p>AEW FSM has disposed of the building canopy. Excavated material has been classified but is held on site.</p> <p>AEW SPO primarily dealt with building and demolition waste with a small amount of excavated material which was disposed to landfill.</p>	C
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 Classification Reports Tetra Tech, (Aero ACM, 26/05/23), (Aero station box VENM 18/04/23), (Bringelly shaft VENM with PFAS 16/05/23), (Orchard Hills ENM, 18/08/23)</p> <p>Waste Classification Reports Putland Street (greater River RRO), Ade 10/07/23 and Station Street VENM 11/11/22</p> <p>SBT Waste Disposal Site Approval Guidance, 08/09/22</p> <p>SBT Waste Disposal Register, 24/01/23</p> <p>SCAW Waste Classification Report, VENM from AEC 44SP1, 27/01/23</p> <p>SCAW ACM Waste dockets, Bingo Eastern Creek, 29/11/22</p> <p>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>AEW FSM Waste classification reports, 15/06/23 and 07/07/23.</p> <p>AEW Water Waste Classification Reports x 2, RapidGeo, 17/02/23 and 31/07/23</p> <p>AEW SPO Waste classification report, 10051_IA4_RF12-60 REF E124 - Waste Classification Report.</p>	<p>Building and demolition waste is pre-classified under the Waste Classification Guidelines. Excavated material has undergone analysis and classification in accordance with the Guidelines. Refer E124 for disposal.</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 January - July 2023</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</p> <p>SBT Water Discharge Permits (various – Mar -Jul 23)</p> <p>SBT Surface Water Quality Monitoring Register, 18/07/23</p> <p>SBT Surface Water Monitoring Report, 30/05/23 and DPE acknowledgement of receipt, 13/06/23</p> <p>SBT Groundwater Monitoring Report, 06/06/23 and DPE acknowledgement of receipt, 22/06/23</p> <p>SBT Surface Water Quality Monitoring Register, 18/07/23</p> <p>SBT ERSED plans, St Marys: 21000264_P01_ESCP_REV 02_STM_ August 2023; Claremont:ERSED_CMF_Interim_Updates_18.08.2023; Orchard Hills: 21000264_P03_ESCP_OHE_REV 10 JB 04.08.23; Bringelly: BSF ERSED Plan (6) PR update; Aerotropolis: AEC ESCP 7.8.2023</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 DPE 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 DPE's A5 direction) and DPE post approval portal record 07/07/23 (submission of SEEC report)</p> <p>https://www.sydneymetro.info/documents</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 Erosion and Sediment Control Plans (ERSED Plan) Luddenham Road to Pipeline Rev 04, Paton's Lane to Warragamba RevA, Elizabeth Drive Compound Rev 6, Paton's Lane to Lansdowne Rev2.</p> <p>SCAW 6-monthly construction monitoring report Oct 22 – April 23, Rev B (still under internal review)</p> <p>SCAW consolidated monitoring result register, 30/07/23</p> <p>SCAW 6-monthly construction monitoring report Oct 22 – April 23, Rev B (still under internal review).</p> <p>SCAW Dewater and Discharge Permits (March – July 23)</p> <p>AEW Water Erosion and Sediment Control Plans (ERSED Plan) Gipps Street 30/06/23, Trenching Works 08/08/23, HDD Underboring 31/07/23</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).</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>AEW 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>SBT interview 01-02/08/23</p> <p>Site inspection 31/07/23 and 07/08/23</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, AEW Water, AEW SPO and AEW FSM do not work on waterfront land. AEW works have negligible influence / impact on waters.</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 January - July 2023</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</p> <p>SBT Water Discharge Permits (various – Mar -Jul 23)</p> <p>SBT Surface Water Quality Monitoring Register, 18/07/23</p> <p>SBT Surface Water Monitoring Report, 30/05/23 and DPE acknowledgement of receipt, 13/06/23</p> <p>SBT Groundwater Monitoring Report, 06/06/23 and DPE acknowledgement of receipt, 22/06/23</p> <p>SBT Surface Water Quality Monitoring Register, 18/07/23</p> <p>SBT ERSED plans, St Marys: 21000264_P01_ESCP_REV 02_STM_August 2023; Claremont:ERSED_CMF_Interim_Updates_18.08.2023; Orchard Hills: 21000264_P03_ESCP_OHE_REV 10 JB 04.08.23; Bringly: BSF ERSED Plan (6) PR update; Aerotropolis: AEC ESCP 7.8.2023</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 DPE 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 DPE's A5 direction) and DPE post approval portal record 07/07/23 (submission of SEEC report)</p> <p>https://www.sydneymetro.info/documents</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 Erosion and Sediment Control Plans (ERSED Plan) Luddenham Road to Pipeline Rev 04, Paton's Lane to Warragamba RevA, Elizabeth Drive Compound Rev 6, Paton's Lane to Lansdowne Rev2.</p> <p>SCAW 6-monthly construction monitoring report Oct 22 – April 23, Rev B (still under internal review)</p> <p>SCAW consolidated monitoring result register, 30/07/23</p> <p>SCAW 6-monthly construction monitoring report Oct 22 – April 23, Rev B (still under internal review).</p> <p>SCAW Dewater and Discharge Permits (March – July 23)</p> <p>AEW Water Erosion and Sediment Control Plans (ERSED Plan) Gipps Street 30/06/23, Trenching Works 08/08/23, HDD Underboring 31/07/23</p> <p>Auditees' response to draft Audit Report, received 21/09/23</p>	<p>AEW works have negligible influence / impact on waters.</p> <p>ERSED Plans appear to have been implemented in accordance with this condition for all packages with the exception of SBT. Whilst the ER has identified some areas for improvement, the deficiencies are not material and appear to have been actioned.</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). It is observed during the audit site inspection that significant improvements to soil and water controls had been implemented since the third Independent Audit.</p> <p>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 implemented prior to the drafting of this Report.</p>	C
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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>SBT Water Quality Impact Assessment, 17/11/22 and addendum, 19/01/23</p> <p>Site inspection 31/07/23 and 07/08/23</p>	<p>SBT EPL is in force and contains basin discharge monitoring and water quality requirements. SBT Water Treatment Plants have yet to be commissioned and will be regulated through an EPL. Water Quality Impact Assessment has been prepared to assist with the approval to discharge from WTP under the EPL.</p> <p>SCAW, AEW Water, AEW FSM and AEW SPO 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>Site inspection 09/02/23</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>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 yet to be commissioned and will be regulated through an EPL. Water Quality Impact Assessment has been prepared to assist with the approval to discharge from WTP under the EPL.</p> <p>The SCAW Discharge Impact Assessment was prepared as part of the original EPL application. The EPL was granted prior to construction.</p> <p>AEW Water, AEW FSM and AEW SPO do not have any construction water treatment plants or discharges on site.</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, St Marys: 21000264_P01_ESCP_REV 02_STM_August 2023;</p> <p>Claremont:ERSED_CMF_Interim_Updates_18.08.2023;</p> <p>Orchard Hills: 21000264_P03_ESCP_OHE_REV 10 JB 04.08.23; Bringelly: BSF ERSED Plan (6) PR update; Aerotropolis: AEC ESCP 7.8.2023</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 Erosion and Sediment Control Plans (ERSED Plan) Luddenham Road to Pipeline Rev 04, Paton's Lane to Warragamba RevA, Elizabeth Drive Compound Rev 6, Paton's Lane to Lansdowne Rev2</p> <p>AEW Water Erosion and Sediment Control Plans (ERSED Plan) Gipps Street 30/06/23, Trenching Works 08/08/23, HDD Underboring 31/07/23</p>	<p>No drainage crossings and swales have been constructed for SBT, AEW Water, AEW SPO or AEW 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	<p>Site inspection 31/07/23 and 07/08/23</p>	<p>The Project is in construction.</p>	NT

E133	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.	Not Applicable	Not Applicable	Applicable	Site inspection 31/07/23 and 07/08/23	The Project is in construction. Tunnelling has only just commenced. Groundwater depletion has not occurred during the audit period.	NT
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, 29/07/22</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, AEW Water, AEW FSM or AEW SPO.</p>	C

APPENDIX B – PLANNING SECRETARY AGREEMENT OF INDEPENDENT AUDITORS

Department of Planning and Environment

Our ref: SSD-10051-PA-239

Your ref: SM-23-00335874

via Major Projects Portal

13 July 2023

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

Subject: Sydney Metro Western Sydney Airport (SSI-10051) – agreement to independent auditors

Dear Hugh,

I refer to your letter dated 7 June 2023 (PA-239) requesting the Planning Secretary's agreement to suitably qualified, experienced, and independent persons as independent environmental auditors of the Sydney Metro Western Sydney Airport project (SSI-10051, as modified).

NSW Planning has reviewed the information you have provided against the *Independent Audit Post Approval Requirements*. NSW Planning is satisfied that the nominees are certified with Exemplar Global as either principal or lead auditors in environmental management systems, are suitably experienced in critical state significant infrastructure projects, and have supplied declarations of independence. Consequently, I can advise that under Condition A38 of SSI-10051, the Planning Secretary has agreed to the following auditors for the fourth construction phase independent audit:

- Mr Steve Fermio, Wolfpeak
- Mr Derek Low, Wolfpeak.

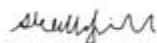
Please ensure this correspondence is appended to the Independent Audit Report.

The Independent Audit must be prepared, undertaken and finalised in accordance with the *Independent Audit Post Approval Requirements*. 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 me.

Yours sincerely,



Alex McGuirk

A/Team Leader Compliance – Government Projects
NSW Planning

As nominee of the Planning Secretary

APPENDIX C – ATTENDANCE RECORDS

Opening Meeting

Sydney Metro WSA Independent Audit 4 - Opening meeting 27/07/23 - Teams attendance list	
Full Name	First Join
Derek Low	7/27/23, 2:57:47 PM
Kline, Emma	7/27/23, 2:59:52 PM
Malcolm, Mikaela	7/27/23, 3:00:16 PM
Christian Berg	7/27/23, 3:00:53 PM
Hillany, Alan	7/27/23, 3:00:54 PM
Andrew Smith	7/27/23, 3:01:27 PM
Butler, Travis	7/27/23, 3:01:40 PM
Miletto, Remy	7/27/23, 3:02:26 PM
Ella Somerset	7/27/23, 3:02:47 PM
Tim Solomon	7/27/23, 3:03:44 PM
James Shields iii	7/27/23, 3:12:28 PM
Rhys Haynes	7/27/23, 3:13:54 PM
Charlie Baker	7/27/23, 3:14:52 PM

Closing Meetings

Sydney Metro WSA Independent Audit 4 – Sydney Metro and SBT closing meeting 06/09/23 - Teams attendance list	
Full Name	First Join
Derek Low	9/06/23, 10:57:40 AM
Christian Berg	9/06/23, 11:00:56 AM
Andrew Smith (SMITH INFRA)	9/06/23, 11:01:09 AM
Kline, Emma	9/06/23, 11:05:22 AM
Cosier, Joshua	9/06/23, 11:07:14 AM

Sydney Metro WSA Independent Audit 4 – Sydney Metro and SCAW closing meeting 07/09/23 - Teams attendance list	
Full Name	First Join
Derek Low	9/07/23, 2:59:20 PM
Watts, Michael (and Jenkins, Josh)	9/07/23, 3:00:21 PM
Christian Berg	9/07/23, 3:02:05 PM
Tim Solomon	9/07/23, 3:05:52 PM
Watts, Michael	9/07/23, 3:00:21 PM

Sydney Metro WSA Independent Audit 4 – Sydney Metro and AEW FSM closing meeting 11/09/23 - Teams attendance list	
Full Name	First Join
Christian Berg	9/11/23, 1:30:45 PM
Philippa Hendy	9/11/23, 1:29:40 PM
Derek Low	9/11/23, 1:29:47 PM

Sydney Metro WSA Independent Audit 4 – Sydney Metro and AEW FSM closing meeting 11/09/23 - Teams attendance list	
Full Name	First Join
Browne, Lochlan	9/11/23, 1:30:43 PM
Emmanuel Smith	9/11/23, 1:30:44 PM
Ella Somerset	9/11/23, 1:30:47 PM
Hayley Scapin	9/11/23, 1:31:00 PM

Sydney Metro WSA Independent Audit 4 – Sydney Metro and AEW Water closing meeting 11/09/23 - Teams attendance list	
Full Name	First Join
Christian Berg	9/11/23, 12:59:30 PM
Derek Low	9/11/23, 12:59:43 PM
Mark Barabas (PRO CONSULT)	9/11/23, 1:00:33 PM
Daniel Mutkins	9/11/23, 1:00:58 PM
Tom St Vincent Welch	9/11/23, 1:00:58 PM
Ella Somerset	9/11/23, 1:01:12 PM
Yasadi Peiris (PRO CONSULT)	9/11/23, 1:02:45 PM

Sydney Metro WSA Independent Audit 4 – Sydney Metro and AEW SPO closing meeting 11/09/23 - Teams attendance list	
Full Name	First Join
Christian Berg	9/11/23, 2:00:22 PM
Ella Somerset	9/11/23, 2:00:14 PM
Derek Low	9/11/23, 2:00:22 PM
Raghuram Muguli	9/11/23, 2:00:48 PM
Alvin Yap	9/11/23, 2:01:28 PM

APPENDIX D – CONSULTATION RECORDS

Derek Low

From: Derek Low
Sent: Friday, 30 June 2023 1:06 PM
To: compliance@planning.nsw.gov.au; Alex McGuirk; Rob Sherry
Cc: Andrew.Smith5@transport.nsw.gov.au; Christian Berg; Tim Solomon; Hugh Chapman
Subject: Sydney Metro Western Sydney Airport - SSI 10051 - Independent Audit No. 4 - 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 fourth audit on the Project is scheduled to commence in late July / early August 2023. The audit pertains to post-approval requirements and compliance covering packages SBT, SCAW and AEW.

WolfPeak has yet to receive a letter of approval from the Department to undertake the fourth independent audit on the Project (covering packages SBT, SCAW and AEW), 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.

Please let me know if you have any questions in relation to the above.

I look forward to hearing from you.

Regards,

Derek Low | Principal

Executive Director - Infrastructure & Environmental Assurance



P: 1800 979 716

M: [REDACTED]



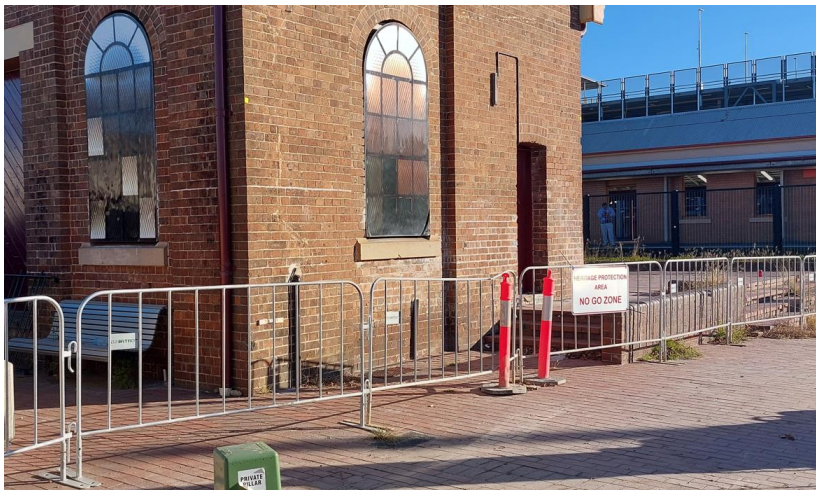
A: Suite 2, Level 10, 82 Elizabeth St, Sydney NSW 2000



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♻️ Consider the environment. Please don't print this e-mail unless really necessary.

APPENDIX E – PHOTOS

No.	Comment	Photograph
1	<p>SBT - St Marys</p> <p>Hoarding free of advertising and graffiti</p>	
2	<p>SBT – St Marys</p> <p>Station Box excavation ongoing with dust suppression in place.</p>	
3	<p>SBT – St Marys</p> <p>Automated wheel wash in operation.</p>	

No.	Comment	Photograph
4	<p>SBT – St Marys</p> <p>Project signage on spoil trucks.</p>	
5	<p>SBT – St Marys</p> <p>Upgraded soil and water controls (including a sediment trap internal to pit, not visible in this shot).</p>	
6	<p>SBT – St Marys</p> <p>Signage and delineation of the Goods Shed.</p>	

No.	Comment	Photograph
7	<p>SBT – St Marys</p> <p>Vibration monitoring on the goods shed.</p>	
8	<p>SBT – St Marys</p> <p>Collection point of the hardstand area for redirection to the water treatment plant.</p>	

No.	Comment	Photograph
9	SBT – Claremont Meadows Chemicals stored on bunds.	
10	SBT – Claremont Meadows Sediment basin with controlled inlet.	
11	SBT – Claremont Meadows Stabilised egress with rumble grid.	

No.	Comment	Photograph
12	<p>SBT – Orchard Hills</p> <p>Area nearing handover to SSTOM.</p>	
13	<p>SBT – Orchard Hills</p> <p>Tree without protection and subject to ground disturbance. Refer finding 10051_IA4_10.</p>	

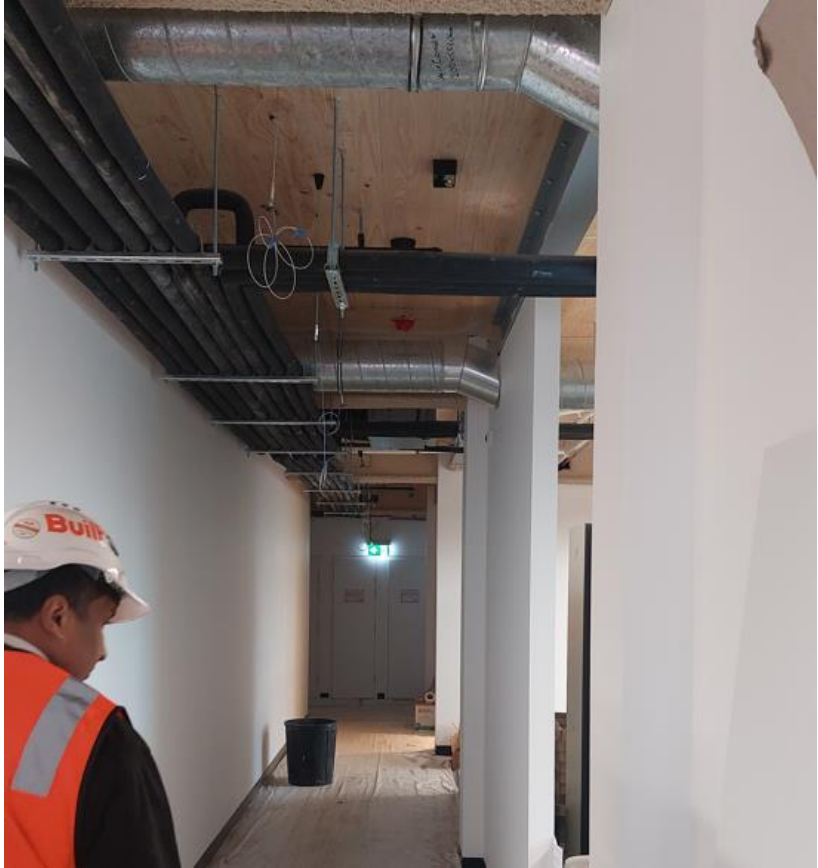

No.	Comment	Photograph
14	<p>SBT – Orchard Hills</p> <p>Lot 97 area where suspected asbestos was identified during the audit site inspection. Refer finding 10051_IA4_20.</p>	
15	<p>SBT – Orchard Hills</p> <p>Uncontrolled concrete washout. Refer finding 10051_IA4_11.</p>	
16	<p>SBT – Orchard Hills</p> <p>Sediment controls on north-east corner.</p>	



No.	Comment	Photograph
17	<p>SBT – Bringelly</p> <p>Sediment basin is well set up and maintained.</p>	
18	<p>SBT – Aerotropolis</p> <p>Boundary controls being upgraded prior to handover to SSTOM.</p>	
19	<p>SBT – Aerotropolis</p> <p>Sediment basin is well set up and maintained.</p>	

No.	Comment	Photograph
20	<p>SBT – Aerotropolis Station Box well advanced.</p>	
21	<p>SCAW – Elizabeth Drive Viaduct progressing.</p>	
22	<p>SCAW – Elizabeth Drive Cosgrove Creek diversion. Note that this design was updated to avoid scar trees nearby.</p>	

No.	Comment	Photograph
23	<p>SCAW – Luddenham North</p> <p>Stabilisation works underway in preparation for handover to next contractor.</p>	
24	<p>SCAW – Luddenham North</p> <p>Viaduct works continuing.</p>	

No.	Comment	Photograph
25	<p>SCAW – northern alignment</p> <p>Good erosion and sediment controls at creek crossing.</p>	
26	<p>SCAW – Orchard Hills</p> <p>Example of an area of interface between SBT, SCAW and SSTOM, and potential for cumulative impacts. Refer finding 10051_IA4_16</p>	
27	<p>SCAW – Defence</p> <p>Area of poor soils and dust generation, noting that this is not proximal to receivers. Refer finding 10051_IA4_14.</p>	

No.	Comment	Photograph
28	<p>AEW SPO</p> <p>Internal fit out underway</p>	
29	<p>AEW SPO</p> <p>Materials placed in tree protection zones. Refer finding 10051_IA4_1.</p>	

No.	Comment	Photograph
30	<p>AEW SPO</p> <p>Materials placed in tree protection zones. Refer finding 10051_IA4_1.</p>	
31	<p>AEW Water</p> <p>Conduit install underway.</p>	

No.	Comment	Photograph
32	AEW Water Underbore receival pit.	

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. 4
Date:	8 September 2023


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

WolfPeak were working with the contractor delivering the Sydney Metro Western Sydney Airport – Station Box and Tunnels. Two (2) 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 both the first, second and third Independent Audits on SSI 10051. WolfPeak's involvement in this package was completed in October 2022 (prior to the third Independent Audit) and we do not expect any further involvement.

One (1) additional staff member is acting as the ISC Independent Sustainability Professional on the SBT package. This support is expected to continue for the life of the package. This staff member does not form part of the audit team. This ISP engagement commenced after the first Independent Audit and was declared to Sydney Metro and the Department prior to commencing the second and third Independent Audits (and will continue to be declared into the future as needed).

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

WolfPeak were working with the contractor delivering the Sydney Metro Western Sydney Airport – Surface and Civil Alignment Works. One (1) staff member was providing environmental support to the contractor. This person did not form part of the audit team. This was declared to Metro and the Department prior to undertaking the second and third Independent Audits on SSI 10051. To note this package did not form part of the scope of the first Independent Audit on SSI 10051 (and our environmental support work commenced after the first audit). WolfPeak's involvement in this package was completed in October 2022 (prior to the third Independent Audit) and we do not expect any further involvement at this time.

Two (2) staff members are providing sustainability support to the contractor. This support is expected to continue until the Q4 2023. The staff members do not form part of the audit. This involvement commenced after the first audit on SSI 10051, and was declared to the Sydney Metro and the Department prior to undertaking the second and third Independent Audits (and will continue to be declared into the future as needed).

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 will not be auditing SSTOM at the fourth Independent Audit.

Controls in place to manage potential conflict

The following controls 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.

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. 4
Date:	8 September 2023

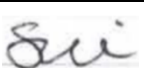
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- i. the audit has been undertaken in accordance with relevant condition(s) of consent and the *Independent Audit Post Approval Requirements (Department 2020)*;
- ii. the findings of the audit are reported truthfully, accurately and completely;
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- 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 Proposed Auditor:	Steve Fermio
Signature:	
Qualification:	Bachelor of Science, ANU and Honours in Geology, Monash University Exemplar Global Lead Environmental Auditor Number 110498
Company:	WolfPeak Pty Ltd

Steve Fermio has no personal conflicts.

WolfPeak would like to declare the following involvement in the Project:

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Controls in place to manage potential conflict

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