



TRANSGRID

Independent Environmental Audit of the
Snowy 2.0 Transmission Connection Project

Initial Construction Audit

FINAL

May 2024



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Prepared by
Umwelt (Australia) Pty Limited
on behalf of
Transgrid

Lead Auditor: Daniel Sullivan
Assistant Auditor: Joshua Wheatley
Report No. 22930/R01
Date: May 2024



This report was prepared using
Umwelt's ISO 9001 certified
Quality Management System.

Acknowledgement of Country

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Document Status

Rev No.	Reviewer		Approved for Issue	
	Name	Date	Name	Date
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Executive Summary

Umwelt was commissioned by Transgrid to conduct the initial construction Independent Environmental Audit (IEA) against infrastructure Approval SSI 9717 for the Snowy 2.0 Transmission Connection Project. This audit was undertaken for the Department of Planning, Housing and Infrastructure (DPHI) for the period 04 December 2023 to 14 March 2024 (audit period). The audit also assessed compliance with the conditions of the sites Environment Protection and Biodiversity Conservation Act (EPBC) Approval, management plans and other licence documents.

The audit team responsible for completing the audit as endorsed by DPHI included:

- Daniel Sullivan (Lead Auditor) (Exemplar Global International Certified Lead Auditor 113202)
- Joshua Wheatley (Assistant Auditor)
- Jacob Manners (Biodiversity)
- Luke Wolfe (Aboriginal Cultural Heritage) and
- Melissa Swan (Surface Water/Sediment and Erosion Control).

The audit consisted of a detailed desktop review and onsite audit including interviews with key Transgrid staff and a site inspection which assessed the compliance status of the Snowy 2.0 Transmission Connection Project against the Infrastructure Approval for all construction activities that have occurred within the audit period. The site audit was conducted between 12-14 March 2024.

The audit was conducted generally consistent with 'AS/NZS ISO 19011:2018 Australian/New Zealand Standard: Guidelines for quality and/or environmental management systems auditing and the NSW Department of Planning, Industry & Environment's Independent Audit – Post Approval Requirements dated May 2020 (Independent Audit Requirements)'.

This audit has concluded that the on the ground environmental management practices being applied at Snowy 2.0 Transmission Connection Project are appropriate. The Maragle (West) and Lobbs Hole (East) Project Areas were assessed during the field inspection and were observed to be well managed with supervisory personnel demonstrating a good understanding of management actions required to minimise environmental impacts from construction activities including the specific measures to manage and minimise biodiversity, Aboriginal cultural heritage and water/sediment and erosion control related impacts.

This audit has concluded that the environmental management practices being applied at the Snowy Hydro 2.0 Transmission Connection Project are appropriate and a high level of environmental compliance is being achieved. All areas of the site that were visited during the site inspection were observed to be well maintained and managed with site personnel demonstrating a good understanding of management actions and responsibilities to minimise impacts from construction activities.

Non-compliances identified during this audit are summarised in **Section 3.0**. None of the identified non-compliances that occurred during the audit period were considered to have caused material harm to the environment.

A review of management plans found that all required plans were in place and being implemented.

A number of recommendations and opportunities for improvement arising from a review of environmental management documentation, the audit site inspection and identified non-compliances are provided in **Section 5.0**.

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1.0 Introduction

On 2 September 2022 Transgrid were granted Infrastructure Approval SSI 9717 for the Snowy Hydro 2.0 Transmission Connection Project (the Project). The Infrastructure Approval for SSI 9717 allows for the construction and operation of new 330 kilovolt (kV) transmission lines and associated infrastructure connecting the Snowy 2.0 Main Works Project to the existing electricity grid. Transgrid is responsible for the management of the Project and have awarded the design and construction contract to UGL (a national engineering and services provider) to complete the construction phase of the Project.

Transgrid commissioned Umwelt to conduct an Independent Environmental Audit (IEA) as required by Part C, Condition 10 of SSI 9717. The IEA was conducted in accordance with SSI 9717, NSW Government's *Independent Audit – Post Approval Requirements* (Independent Audit Requirements) and with *AS/NZS ISO 19011:2018 Australian/New Zealand Standard: Guidelines for quality and/or environmental management systems auditing*.

As per the requirements stated under Condition C10 in SSI 9717 *Independent Audits of the development must be conducted and carried out at the frequency described and in accordance with the Independent Audit Post Approval Requirements (2020), unless otherwise agreed or directed by the Planning Secretary*. In accordance with the requirements of Condition C10 Transgrid sought an extension in time to undertake the initial construction audit. This extension was granted by the Planning Secretary on the 31 January 2024 requiring the initial construction audit to be completed during the week of 11 March 2024.

The IEA was conducted by Daniel Sullivan (Exemplar Global International Certified Lead Auditor 113202) and Joshua Wheatley from Umwelt. Daniel and Joshua were supported during the audit by experts in a number of fields including:

- Jacob Manners (Biodiversity)
- Luke Wolfe (Aboriginal Cultural Heritage) and
- Melissa Swan (Surface Water/Sediment and Erosion Control).

This IEA report has been certified by the lead auditor (see **Appendix 1**) as required by the Independent Audit requirements. As required by the Infrastructure Approval, the audit team was approved by DPHI to undertake the audit (refer to **Appendix 2**). The IEA consisted of a detailed desktop review and onsite component including a site inspection and assessed the compliance status of Snowy 2.0 Transmission Connection Project against the Infrastructure Approval and other relevant environmental approvals and licences, for construction occurring between 04 December 2023 and 14 March 2024 (the audit period). The on-site component of the IEA was conducted from the 12-14 March 2024 (see **Appendix 3** for the audit plan and itinerary).

Some information requested by the audit team was not available on-site at the time of the audit and was subsequently collated and provided following the site audit to the audit team for review. The weather conditions during the site component of this IEA were fine and sunny on day 1 and 2 (12-13 March 2024) with overcast and rainy conditions experienced on day 3 (14 March 2024).

The temperature reached a maximum of 32.5°C on the 12/03, 30.5°C on the 13 March and 26.5°C on the 14 March) (Tumbarumba Post Office BoM monitoring station site 072043). In the week preceding the IEA, conditions were dry, with a total of 0 mm of rainfall recorded at the Tumbarumba Post Office BoM monitoring station.

An opening meeting for the IEA was held on site and a closed-out meeting was held online, with Transgrid and UGL environmental management team in attendance at the opening meeting and closing meeting.

This report provides an outline of the IEA methodology and results and provides recommended actions for achieving full compliance with environmental approvals.

1.1 Audit Scope and Objectives

The scope and objectives of the IEA were to assess Transgrid's compliance with:

- all conditions of the Infrastructure Approval for SSI 9717 (dated 02 September 2022)
- 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
- all environmental licences and approvals applicable to the Project.

The audit also included:

- a review of the environmental performance of the Project (including a comparison with the predicted impacts contained in the EIS, review of complaints and incidents registers and consideration of any feedback provided during agency consultation)
- 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 as raised during the pre-audit consultation.

1.1.1 Supporting Approvals

The other approvals and statutory documents held by Transgrid for the Project which have been reviewed as part of this IEA include:

- EPBC Approval 2018/8363
- Water Access Licence (WAL44782 and WAL44788)
- any strategy, plan or program which has been prepared for the Project.

1.1.2 Supporting Documents

In addition to assessing compliance against each of the conditions of the Infrastructure Approval for SSI 9717 the following documents have also been reviewed as part of this IEA:

- All post approval and compliance documents prepared to satisfy the conditions of consent which include the:
 - Biodiversity Management Plan
 - Biodiversity Offset Package
 - Complaints Management System
 - Complaints Register
 - Construction Environmental Management Plan (CEMP) and all sub-plans
 - Emergency Plan
 - Environmental Management Strategy
 - Final Layout Plans
 - Heritage Management Plan
 - Notification of commencement of development, construction, operations, upgrading or decommissioning
 - Notification of Incident
 - Notification of Non-Compliance
 - Pre-construction Dilapidation Report
 - Spoil Management Plan
 - Traffic and Transport Management Plan
 - Transport Strategy
 - Visual Impact Management Plan
 - Water Management Plan
 - Work as Executed Plans.

1.2 Audit Criteria - Compliance Status Descriptors

The compliance status of each approval was assessed in accordance with the compliance assessment criteria detailed within the Independent Audit Requirements and as directed in the letter from DPHI approving the audit team. The criteria have been reproduced in **Table 1.1** below.

Table 1.1 Independent Audit Guidelines Compliance Assessment Criteria

Assessment	Criteria
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 during the temporal scope of the audit being undertaken (may be a retrospective or future requirement), therefore an assessment of compliance is not relevant.

1.3 Structure of this Document

This report contains the following sections:

Section 1.0 – Introduction. An overview of the Project and the purpose and scope of the audit

Section 2.0 – Audit Methodology. A detailed description of the audit process

Section 3.0 – Compliance Assessment. An overview of the findings of the audit, including detailed descriptions of any non-compliance identified

Section 4.0 – Environmental Performance

Section 5.0 – Recommendations and Opportunities for Improvement

Appendix 1 – Independent Audit Declaration Form

Appendix 2 – DPHI Correspondence Approving the Auditor

Appendix 3 – Audit Plan and Itinerary

Appendix 4 – Compliance Tables for the Infrastructure Approval, EPBC Approval and EIS Commitments

Appendix 5 – Photographic Plates. Photographs of key site features referred to in this report.

2.0 Audit Methodology

The audit process involved the interview of personnel and relevant agencies, a review of documentation and samples of records provided by Transgrid and a site audit and inspection of the construction activities being undertaken across the Project site to determine the level of environmental performance and compliance.

2.1 Audit Team

The audit team was led by Daniel Sullivan, a qualified and highly experienced lead environmental auditor, who has undertaken a number of DPHI independent environmental audits for infrastructure projects in NSW. Daniel was approved by DPHI to act as the lead auditor for the Project. Joshua Wheatley was approved by DPHI to act as the environmental auditor. DPHI approved the following experts to review their respective areas including:

- Jacob Manners (Biodiversity)
- Luke Wolfe (Aboriginal Cultural Heritage) and
- Melissa Swan (Surface Water/Erosion and Sediment Control).

A copy of the independent audit certification form as required by the NSW Audit Guidelines is included within **Appendix 1** with the DPHI correspondence approving the audit team included within **Appendix 2**.

2.2 Agency Consultation

During the planning phase for the initial construction audit, correspondence was provided from DPHI to Transgrid confirming that they required the audit team to include suitably qualified and experienced specialists in the areas of Biodiversity, Aboriginal Cultural Heritage and Water/Sediment and Erosion Control. In response, these specialists were included in the audit team and approved by DPHI as described in **Section 1.0**.

Further to the above as required by the Independent Audit Requirements during the audit teams' preparation for this IEA, a request for any additional input was sought from DPHI on 13 February 2024 to confirm any further areas of compliance or environmental management for the Project that should be a particular focus. No response for further areas of focus were received.

2.3 Site Interviews and Inspections

The opening meeting was held at the UGL project office in Tumbarumba and online to personnel who could not attend onsite commencing at 9:00 am on 12 March 2024. The list of participants is provided in **Table 2.1**.

Table 2.1 Opening Meeting Attendees

Person	Organisation	Title / Role
Jason Snape	Transgrid	Senior Environmental Advisor
Bredan Toohey	UGL	Environmental Manager
Alex Dwyer	Habitat Management Services	Principal Environmental Manager
Camille Palmer	UGL	Senior Environmental Advisor
Ian Rembridge	UGL	Health & Safety Advisor
Tim McCarthy	UGL	Project Manager
Cindy Duong	Transgrid	Project Manager - West
Andrew Buttigieg	Transgrid	Senior Project Manager
David Ridgeway	UGL	Commercial Manager
Sarel Marais	UGL	Construction Manager East
Ouabada Osman	Transgrid	Project Manager - East
Chris Wooll	Transgrid	Environmental Advisor
Alozie Agomoh	UGL	Senior Environmental Advisor
Jacob Manners	Umwelt	Principal Ecologist
Luke Wolfe	Umwelt	Principal Archaeologist
Daniel Sullivan	Umwelt	Lead Auditor
Joshua Wheatley	Umwelt	Assistant Auditor

The audit team was introduced, and the scope of their responsibilities was conveyed to the auditees. The purpose, depth and scope of the audit were outlined as per the Audit Plan (refer **Appendix 3**). The methods to be used by the team to conduct the audit were explained. It was stated that the audit team would be interviewing personnel, reviewing site management plans, examining records and conducting a site inspection in order to address specific compliance requirements. Transgrid and UGL personnel were asked to provide an overview of the status of construction and relevant site environmental management measures such as biodiversity management, Aboriginal Cultural heritage management, water management and erosion and sediment control.

2.3.1 Audit Interviews

During the site audit, interviews were conducted with relevant Transgrid and UGL staff and identified in Table 2.2.

Table 2.2 Personnel Interviewed During the Audit

Person	Organisation	Title / Role
Jason Snape	Transgrid	Senior Environmental Advisor
Bredan Toohey	UGL	Environmental Manager
Alex Dwyer	Habitat Management Services	Principal Environmental Manager
Camille Palmer	UGL	Senior Environmental Advisor
Alozie Agomoh	UGL	Senior Environmental Advisor
Sarah Steele	Treestone Environmental	CPESC Advisor

2.3.2 Data Collection and Verification

Documents and data collated during the audit process were reviewed whilst on-site where possible. A number of documents were also provided to the auditor prior to the on-site component of the audit and documents that were requested during the on-site component of the audit were provided following the on-site component of the audit.

All information obtained during the audit process was verified by the audit team where possible. For example, statements made by site personnel were verified by viewing documentation and/or site inspections where possible. Where suitable verification could not be provided, this has been identified in the audit findings.

2.3.3 Site Inspection

A detailed site inspection of the active construction areas of the Project site was undertaken during the audit. It is noted that during the audit period works included establishment of temporary construction compounds and facilities at the Maragle and Lobbs Hole project areas, road intersection upgrade works (Elliot Way to Maragle site) with pre-clearance activities commencing on the 8 March 2024 (four days prior to commencement of the site audit). The following locations that were inspected:

- Maragle Temporary Project Compound
- Maragle Substation Project Area
- Elliott Way/Access Track South Intersection
- Lobbs Hole Project Compound.

2.3.4 Closing Meeting

Due to the remoteness of the Lobbs Hole Project Area and limited facilities / internet connectivity the closing meeting was held on online via Microsoft teams during the following week on 20 March 2024. The objective of this meeting was to discuss outstanding matters, present preliminary findings and outline the process for finalising the compliance assessments and audit report. The list of participants who attended the closing meeting is provided in **Table 2.3**.

Table 2.3 Closing Meeting Attendees

Person	Organisation	Title / Role
Jason Snape	Transgrid	Senior Environmental Advisor
Bredan Toohey	UGL	Environmental Manager
Lauren Logue	UGL	Environmental Advisor
Chris Wooll	Transgrid	Environmental Advisor
Camille Palmer	UGL	Senior Environmental Advisor
Ouabada Osman	Transgrid	Project Manager - East
Tim McCarthy	UGL	Project Manager
Daniel Sullivan	Umwelt	Lead Auditor
Joshua Wheatley	Umwelt	Assistant Auditor

2.4 Independent Environmental Audit Reporting

Following completion of the site audit, which included review of Infrastructure Approval conditions and site activities, remaining document reviews and compliance assessments were completed, and site audit notes were reviewed in order to compile a list of outstanding matters to be noted in the audit report.

This report was prepared to provide an overview of the status of compliance by reference to the relevant compliance documentation and any other observations of the audit team during the site inspections and interviews. This report has been prepared on an exception basis, highlighting the compliance issues identified along with any areas where action or improvement is required. This IEA has been prepared in accordance with the Independent Audit Requirements.

2.5 Limitations

The findings of the IEA are based upon visual observations of the site and its vicinity, interviews with site personnel and our interpretation of documentation provided by Transgrid.

Opinions presented herein apply to the site as it existed at the time of the audit and from information provided by site personnel and agencies. Any changes to this information of which Umwelt is not aware and has not had the opportunity to evaluate therefore cannot be considered in this report.

The audit team have taken due care to consider all reasonably available information provided whilst undertaking this audit and have taken this information to represent a fair and reasonable characterisation of the environmental status of the site but recognise that any site assessment program is necessarily limited in scope and true site conditions may differ from those inferred from the available data.

3.0 Compliance Assessment

This section provides a discussion of the identified non-compliances and the status of the approval documentation assessed as part of the audit. **Appendix 4** provides a condition-by-condition checklist of the Infrastructure Approval and EPBC Approval and identified compliance status of each condition. **Appendix 4** also includes a review against the Summary of Mitigation Measures committed to in the Projects EIS.

The scope of approvals assessed as part of this audit is detailed in **Section 1.2**. Recommendations and opportunities for improvement arising from the compliance review and identified non-compliances are included **Section 5.0**.

3.1 Infrastructure Approval for SSI 9717

The Project commenced construction on 4 December 2023 and for the duration of the audit period has been progressing construction activities. Construction activities during this audit period has been primarily associated with the site establishment, mobilisation and pre-clearance activities. A summary of the identified non-compliances against the Infrastructure Approval are provided in **Table 3.1** with further details provided in the compliance tables in **Appendix 4**. There were four non-compliances. It is noted by the IEA there has been one caution issued during this audit period and is detailed in **Section 4.7**.

Table 3.1 Non-Compliance with SSI 9717

Condition	Non-Compliance
Condition A2 (a)	NC-01 Non-Compliances against conditions of SSI 9717 have been identified during the audit period.
Condition B28	NC-02 There is not enough verifiable evidence to support that works undertaken at Elliot Way Intersection was completed to the satisfaction of the relevant roads authority/manager prior to construction activities in Project Area West.
Condition B45	NC-03 No verifiable evidence could be provided to show waste originating from the West Project alignment was exported to a site licenced by the EPA.
Condition C1 (d) v), (e) ii)	NC-04 Geotechnical work associated with a neighbouring project (HumeLink) occurred within the Project Area prior to the approval of the Environmental Management Strategy. No plan or table was included in the Environmental Management Strategy regarding an outline of all monitoring to be carried out in relation to the development.
Condition C11 (a) ii)	NC-05 Final Layout Plans have not been uploaded to the Project website.

3.1.1 Compliance Performance Summary

In summary it is considered that Transgrid have demonstrated a high level of compliance against SSI 9717 during the audit period with 91% of the compliance requirements under SSI 9717 being met (note items identified in **Appendix 4** as not triggered are not included in this assessment summary).

The systems and processes that have been put in place are considered appropriate to manage compliance and are considered to have been implemented well. None of the 5 non-compliances identified are considered to have resulted in material environmental harm. Despite this if the actions proposed in **Section 5.0** are adopted then there is no reason the Project cannot demonstrate full compliance.

3.2 EPBC Approval

During the audit period construction activities undertaken have been conducted under EPBC 2018/8363. The EPBC Approval as issued under the *Environment Protection and Biodiversity Conservation Act 1999* outline Transgrid's responsibilities and the environmental performance standards it is required to meet.

The Project reports its performance against the above responsibilities and environmental performance status via the submission of its Annual Compliance Report. Generally, the Project has demonstrated compliance with the conditions of its EPBC, however, some non-compliances have been identified. The non-compliances identified with EPBC 2018/8363 are detailed in **Table 3.2** below with further detail provided in **Appendix 4**.

Table 3.2 Non-Compliance with EPBC 2018/8363

Condition	Non-compliance
Condition 4. (e) (f)	<p>NC-06</p> <p>Detailed criteria for determining surface water impacts (in respect of flows, quality and flooding) of the Action on Booroolong Frog was not evident in the Biodiversity Management Plan for the Project.</p> <p>A monitoring program capable of detecting any specified criteria for triggering remedial action not evident in Biodiversity Management Plan for the Project.</p>
Condition 5	<p>NC-07</p> <p>No verifiable evidence to support that the EMS and BMP was submitted to DCCEEW for the Ministers Approval before the NSW DPHI approval was provided.</p>
Condition 8	<p>NC-08</p> <p>The Department was notified greater than 10 business days of making the biodiversity offset payment to the NSW National Parks and Wildlife Service</p>
Condition 24	<p>NC-09</p> <p>Website link was not provided in the notification sent to the Department as required by the condition.</p>
Condition 25	<p>NC-10</p> <p>Two incidents occurred during the reporting period that were not reported to the Department within 2 days of becoming aware of the incidents as required. These included:</p> <ul style="list-style-type: none"> <i>Minor Investigative Geotechnical Work</i> - TransGrid became aware of the non-compliance on or about 11 May 2023. TransGrid notified DCCEEW (Department of Climate Change, Energy, the Environment and Water) of the incident on 23 May 2023 which is greater than 2 business days of becoming aware. <i>Elliot Way Intersection Turbid Water Discharge</i> -No evidence provided to support the Department was notified of the incident that occurred on the 21 February 2024.
Condition 26	<p>NC-11</p> <p>As per non-compliance identified with EPBC Condition 25 notification not provided <i>for Elliot Way Intersection Turbid Water Discharge</i> that occurred on 21 February 2024.</p>

Condition	Non-compliance
Condition 27	NC-12 The Department was not notified of the incident that occurred on the 21 February 2024.

3.3 EIS Commitments

Generally, the Project has demonstrated compliance with the commitments of its EIS, however, some non-compliances have been identified. The non-compliances identified with EIS are detailed in **Table 3.3** below with further detail provided in **Appendix 4**.

Table 3.3 Non-Compliance with EIS Commitments

Commitment	Non-compliance
W4	NC-13 During the audit period it was observed that a temporary generator was installed and operating within 40 m of a drainage line at Maragle Temporary Project Compound. While refuelling of the generator was not observed during the site inspection it is likely that it would occur in-situ (i.e. within 40 m of the drainage line).
HAZ4	NC-14 It was evident during the site audit inspection that fuel/chemical storage points were located within 40m of woody vegetation.

3.4 Environmental Management Plans

Transgrid and UGL have developed a number of Environmental Management Plans and post approvals compliance documentation for the Project in accordance with relevant requirements of the Infrastructure Approval. These documents address specific impacts associated with the Project, such as heritage, biodiversity and sediment and erosion control, and reflect the requirements detailed in the Infrastructure Approval.

An overview of the compliance status of the Environmental Management Plans and post approvals documentation, including an overview of the compliance with the requirements of the Infrastructure Approval and implementation status of the plans, is included in **Table 3.4** with further details provided in **Appendix 4**. Recommendations and opportunities for improvement, as relevant, are included in **Section 5.0**.

Table 3.4 Environmental Management Plans

Condition	Management Plan	Status of Plan
Condition B3	Out-of-Hours Work Protocol	An Out-of-Hours Work Protocol (OOHWP) has been prepared for the Project and is included in the Noise and Vibration Management Plan (included as Section 3). The Construction Noise and Vibration Management Plan was approved by the Planning Secretary on 11 August 2023 which was prior to commencement of construction on 4 December 2023. A review of the OOHWP against the requirements of SSI 9717 has confirmed that it contains the required information as per the conditions of approval (refer to Appendix 4 for further details of compliance review).

Condition	Management Plan	Status of Plan
Condition B8	Spoil Management Plan	<p>A Spoil Management Plan has been prepared for the Project and has been combined with the Soil and Water Management Plan as approved by the Planning Secretary on the 18 November 2023. The Soil and Water management Plan inclusive of the Spoil Management Plan was approved on the 01 December 2023 by the Planning Secretary which was prior to commencement of construction on 4 December 2023.</p> <p>A review of the Spoil Management Plan against the requirements of SSI 9717 has confirmed that it contains the required information as per the conditions of approval with the exception that the plan does not detail the reuse of spoil within other parts of the of the Kosciuszko National Park, Bago State Forest and/or offsite. It also does not identify how the management of spoil would be publicly reported as required by the condition (refer to Appendix 4 for further details of compliance review).</p>
Condition B16	Soil and Water Management Plan	<p>The Water Management Plan referred to as the Soil and Water Management Plan has been prepared for the Project and has been combined with the Spoil Management Plan as approved by the Planning Secretary on the 18 November 2023. The Soil and Water Management Plan was approved on the 01 December 2023 by the Planning Secretary which was prior to commencement of construction on 4 December 2023.</p> <p>A review of the Soil and Water Management Plan against the requirements of SSI 9717 has confirmed that it contains the required information as per the conditions of approval with the exception that the plan does not provide a detailed baseline data on surface water flows and has not included provision for a surface water flow monitoring program as required by the condition (refer to Appendix 4 for further details of compliance review).</p>
Condition B18	Biodiversity Offset Package	<p>The Biodiversity Offset Package has been prepared for the Project and has been finalised in August 2023.</p> <p>A review of the Biodiversity Offset Package against the requirements of SSI 9717 has confirmed that Further verifiable evidence is required to demonstrate that the current BOP was prepared in consultation with BCS and that the BOP has been prepared to the satisfaction of the Planning Secretary.</p> <p>Additionally, further verifiable evidence is required to demonstrate that the cost for each specific biodiversity offset measure was calculated in accordance with Condition B18(b) (refer to Appendix 4 for further details of compliance review).</p>
Condition B21	Biodiversity Management Plan	<p>A Biodiversity Management Plan has been prepared for the Project and was approved by the Planning Secretary on 01 December 2023 which was prior to commencement of construction on 04 December 2023.</p> <p>A review of the Biodiversity Management Plan against the requirements of SSI 9717 has confirmed that it contains the required information as per the conditions of consent (refer to Appendix 4 for further details of compliance review).</p>
Condition B24	Heritage Management Plan	<p>A Heritage Management Plan has been prepared for the Project and was approved by the Planning Secretary on 17 August 2023 which was prior to commencement of construction on 04 December 2023.</p> <p>A review of the Heritage Management Plan against the requirements of SSI 9717 has confirmed that it contains the required information as per the conditions of consent (refer to Appendix 4 for further details of compliance review).</p>

Condition	Management Plan	Status of Plan
Condition B27	Transport Strategy	<p>A Transport Strategy has been prepared for the Project and was requested to be prepared in two stages. This request was approved by the Planning Secretary on the 18 November 2022.</p> <p>The Transport Strategy Stage 1 accounts for all activities associated with the construction and operation of infrastructure related to the 330 kV grid connection. The strategy was approved by the Planning Secretary on the 15 August 2023 which was prior to commencement of construction on 04 December 2023.</p> <p>A review of the Transport Strategy Stage 1 against the requirements of SSI 9717 has confirmed that it contains the required information as per the conditions of consent (refer to Appendix 4 for further details of compliance review).</p>
Condition B32	Traffic and Transport Management Plan	<p>A Traffic and Transport Management Plan has been prepared for the Project and was requested to be prepared in two stages. This request was approved by the Planning Secretary on the 18 November 2022.</p> <p>The Traffic and Transport Management Plan accounts for all activities associated with the construction and operation of infrastructure related to the 330 kV grid connection. The plan was approved by the Planning Secretary on the 05 October 2023 which was prior to commencement of construction on 04 December 2023.</p> <p>A review of the Traffic and Transport Management Plan against the requirements of SSI 9717 has confirmed that it contains the required information as per the conditions of approval with the exception that the plan does not provide details of employee shuttle bus service, including pick-up and drop-off points or details regarding the maintenance of water-related infrastructure on site as required by the condition (refer to Appendix 4 for further details of compliance review).</p>
Condition B33	Long-Term Road Strategy	<p>The Long-Term Road Strategy was not required to be prepared at the time of the audit. The Long-Term Road Strategy is required to be prepared within 2 years following commencement of construction</p>
Condition B36	Visual Impact Management Plan	<p>A Visual Impact Management Plan has been prepared for the Project and was approved by the Planning Secretary on 11 August 2023 which was prior to commencement of construction on 04 December 2023.</p> <p>A review of the Visual Impact Management Plan against the requirements of SSI 9717 has confirmed that it contains the required information as per the conditions of approval with the exception that the plan does not include detailed plans for mitigating visual impacts for the substation and also does not provide mitigation measures for the visual impacts of easements as required by the condition (refer to Appendix 4 for further details of compliance review).</p>
Condition B42	Emergency Plan	<p>An Emergency Plan has been prepared for the Project and to the satisfaction of NPWS (20 September 2023), FCNSW (8 September 2023), RFS (2 August 2023) and FRNSW (11 September 2023).</p> <p>A review of the Emergency Plan against the requirements of SSI 9717 has confirmed that it contains the required information as per the conditions of consent (refer to Appendix 4 for further details of compliance review).</p>
Condition B48	Rehabilitation Management Plan	<p>The Rehabilitation Management Plan was not required to be prepared at the time of the audit. The Rehabilitation Management Plan is required to be prepared within 12 months following commencement of construction.</p>

Condition	Management Plan	Status of Plan
Condition C1	Environmental Management Strategy	<p>An Environmental Management Strategy has been prepared for the Project and was approved by the Planning Secretary on 06 November 2013 which was prior to commencement of construction on 04 December 2023.</p> <p>A review of the Environmental Management Strategy against the requirements of SSI 9717 has confirmed that it contains the required information as per the conditions of approval with the exception that the strategy does not include details retaining to response to emergencies or does it include clear plan or table depicting all the monitoring to be carried out in relation to the development as required by the condition (refer to Appendix 4 for further details of compliance review).</p>

4.0 Environmental Performance

4.1 Management Commitment and Resourcing

Throughout the audit, Transgrid and UGL staff were co-operative and forthcoming with information and this allowed the audit team to gain an understanding of the culture of the organisation and project team working on the Project. It was noted during the audit that the project staff had excellent record keeping in relation to environmental approvals and compliance. In regard to resourcing for environmental personnel, Jason Snape, Senior Environmental Advisor from Transgrid is responsible for overall compliance associated with the delivery of the Project and coordinates regularly with UGL personnel. Jason is then supported by Chris Wool who is Transgrid's Environmental Advisor for the Project

Brendan Toohey is the Environment Manager for UGL and is supported by a team of environmental professionals that is spread across the Project alignment which is split into two distinct Project area including Lobbs Hole (eastern alignment) and Maragle (western alignment). On the eastern alignment Brendan is supported by Alozie Agomoh, Senior Environmental Advisor and Lauren Logue, Environmental Advisor. On the western alignment Brendan is supported by Camille Palmer, Senior Environmental Advisor and Vivian Lee Yu, Environmental Advisor.

In order to meet the commitments outlined by the Infrastructure Approval third party environmental contractors are also used to support the environment team as needed. In respect to this audit period the Project has engaged Habitat Management Services for Principal Environmental Support providing independent environmental advice and support for environmental activities and compliance. Additionally, UGL has engaged Lesryk Environmental, Land Eco Consulting, Kleinfelder Australia and SLR Consulting to assist in fulfilling biodiversity requirements relating to pre-clearance surveys and monitoring. In total approximately 40 ecologists have been engaged and are rostered on a rotating schedule. Furthermore, Navin Heritage Consultants have also been engaged to support in providing assistance for Aboriginal Cultural Heritage management.

4.2 Compliance Management

Transgrid alongside UGL utilise compliance tracking systems to ensure they meet the specific performance measures and criteria set out by this approval. The compliance trackers that have been developed for the Project outline responsible parties, evidence of compliance and associated comments from Transgrid or UGL and relevant links to associated files. Transgrid also operate a Notification tracker for regulators and stakeholders associated with relevant approvals and agreements.

It was evident during the audit that Transgrid and UGL communicate and operate concurrently. To ensure communications across teams are tracked, Transgrid and UGL utilise a software called TeamBinder. TeamBinder centralises all documentation and provides a formalised review and approval process of controlled documents.

Jason Snape explained when documents are uploaded into the system, TeamBinder automatically distributes them to the relevant users via email notifications with all transactions and revisions are recorded within the system. Correspondence is also auto-numbered, filed and maintained securely throughout the project. Any outstanding communications can be identified and accessed in real time.

4.3 Reportable Environmental Incidents and Complaints

The reportable environmental incidents, Penalty Infringement Notices (PINs) and regulatory orders that occurred during the audit period are discussed in the following sections. It is noted that during the audit period there were zero community complaints received.

4.3.1 Penalty Infringement Notices / Orders

No penalty infringement notices were received during this audit period.

One show cause notice resulting in an official caution was received in relation to the project during the audit period as detailed below:

- In December 2022, minor investigative geotechnical work was conducted by HumeLink contractors for the HumeLink Project within the Maragle substation site which forms part of the Project Area. It was subsequently identified that a small component of the work was done within the Snowy 2.0 Transmission Connection Project Area. Work was completed within the development prior to the preparation of an EMS for the project as required by SSI 9717. A notification of the breach was submitted on the 1 May 2023 to the Department by Transgrid as soon as they were aware of the non-compliance. A Show Cause Notice was issued from the Department on the 22 June 2023 in relation to the incident. This resulted in an Official Caution issued by the Department on the 1 September 2023 with the Department also noting there was no evidence of harm having been caused to heritage (Aboriginal or European), flora or fauna or the community.

4.3.2 Reportable Incidents

The reportable environmental incidents which have occurred during the audit period as advised by Transgrid are detailed below with further details provided in **Appendix 4**:

- Minor investigative geotechnical work (refer to **Section 4.3.1**) was conducted by HumeLink contractors for the HumeLink Project within the Maragle substation site which forms part of the Project Area. It was subsequently identified that a small component of the work was done within the Snowy 2.0 Transmission Connection Project Area. Work was completed within the development prior to the preparation of an EMS. No additional reportable incidents were identified during the audit period.
- A localised heavy rainfall event of approximately 20 mm over a period of 10 minutes impacted the Elliott Way intersection upgrade work site at approximately 4:00 pm on Wednesday 21 February 2024. Turbid water was observed discharging from a culvert located on the northern side of Elliott Way opposite the work site approximately 180 m south of Yorkers Creek, situated outside of the approved Project boundary. Notifications to DPHI and NPWS was sent on the 21 February 2024 with a report being sent to the EPA detailing the event on the 22 February 2024. Correspondence from EPA dated 26 February 2024 detailed no further actions were required.

4.4 Biodiversity Management

As required and endorsed by DPHI the auditing of the Projects Biodiversity Management requirements and obligations was undertaken by Jacob Manners, Principal Ecologist and Accredited BAM Assessor.

The key focus of biodiversity management for the Project is to ensure that all avoidance, mitigation and management measures relevant to the protection of native flora and fauna referred to in the environmental assessment documents and relevant permits and approvals are addressed.

During the audit the Project Team presented details of the record keeping methods, reports and initiatives undertaken to implement the biodiversity management requirements for the Project. The audit included a review of the documentation available and completion of an inspection of selected parts of the works areas where clearing had commenced. Significant efforts to achieve the management requirements related to the Project Conditions and Biodiversity Management Plan (BMP) were demonstrated to the audit team. Brendan Toohey (UGL Environment Manager) explained prior to the commencement of construction ecological surveys have been undertaken in the lead up to clearance works which commenced on 8 March 2024.

Due diligence has been undertaken by UGL and Transgrid to ensure all requirements regarding pre-clearance surveys have been met including but not limited to:

- Assessment of HBTs for Owls and Gang-gang Cockatoos – 28 days (4 weeks) prior to clearing
- Delineation of Clearing Permit Zone – 14 days (2 weeks) prior to clearing
- Targeted species searches – 14 days (2 weeks) prior to clearing
- Pre-clearance surveys – At least 24 hours before planned clearing.

During the site inspection it was evident that clearing is being undertaken in two stages with the removal of identified hollow bearing trees left insitu for later stage. It was also evident that the marking of habitat trees was being undertaken with habitat trees being marked with blue spray paint (refer to **Plate 1** in **Appendix 5**). Areas around the site were also delineated with a clear distinction between clearing and no-go areas (refer to **Plate 2** in **Appendix 5**).

It was conveyed during the audit through conversations with site personnel including Jason Snape, that a soil-borne water mould namely *Phytophthora sp.* has been identified onsite. It was observed (and explained by site personnel) that in order to prevent the potential spread of pathogens from the clearance areas that access was restricted to one way in and out and at this location portable pump packs for disinfection of footwear and equipment were observed prior to entering affected areas (refer to **Plate 3** in **Appendix 5**). However there was no sign posting delineating restricted access for affected areas or identifying disinfectant stations and no areas designated for vehicle washdowns were observed for as required by the BMP.

With regard to the Projects requirements for the monitoring and management of impacts on threatened species it was noted by site personnel during audit interviews that during pre-clearance and clearance works monitoring two threatened species finds had occurred during the audit period. The first find occurred on the 31 January as ecologists noted a species that resembled *Thesium australe* located near the pad designated for Tower 4. Notifications were sent from the ecologists to UGL reporting the unexpected find as in accordance with Appendix D Unexpected Threatened Species Procedure. UGL reported the finds to Transgrid where further notifications were sent to NPWS on the 7 February 2024. After further analysis it

was later confirmed the species was not *Thesium australe*. This was then communicated to NPWS through email correspondence dated 14 February 2024. No further consultation or notifications were required.

Additionally, four Squirrel Gliders (*Petaurus norfolcensis*) which are listed vulnerable under the *Biodiversity Conservation Act 2016* were observed at dusk on a tree located within the footprint of the Maragle Substation on the 8 February 2024. In accordance with Appendix D Unexpected Threatened Species Procedure the ecologist also sent notified UGL who reported the find the Transgrid. Furthermore notifications was also sent to FCNSW on the 9 February to report the find. A 30 metre exclusion zone was also created around the tree and will remain in place until an assessment of the find has been prepared alongside consultation with BCD, NPWS, and DCCEEW which is expected to occur within the next audit period.

4.5 Aboriginal Cultural Heritage Management

As required and endorsed by DPHI the auditing of the Projects Cultural Heritage Management requirements and obligations was undertaken by Luke Wolfe, Principal Archaeologist.

During the audit, the Project Team presented examples of subconsultant reporting, examples of compliance with the Heritage Management Plan and Consent Conditions, details of the record keeping methods and strategies for dissemination of information and lessons learnt to stakeholders and personnel. The Project Team overall demonstrated a commitment to respectful engagement with RAPs (with particular emphasis on engagement of Elders), along with a demonstration of proactive effort to maintain compliance with the Project Conditions and Heritage Management Plan. It was noted that as part of the cultural heritage induction smoking ceremonies were held to enable a strong connection to country.

During the audit period, it was understood that heritage clearance activities had been completed in the following areas:

- Survey Parcel E38- E44 (Track 6, Tower 5 and easement) and Survey Parcel E45-E52 (Track 7, Tower Pad 4 and easement) (March 2024) for Aboriginal sites 'Tr5 AS' (AHIMS ID @#56-6-0556) and 'Ravine SU17/L1' (AHIMS ID #56-6-0477)
- Access Track 8, Tower 2, 3 & Associated Easement) Survey Parcel E37-E38 (Access Track 6a & Tower Pad 6 (March 2024) for Aboriginal sites/areas of Potential archaeological deposit (PAD) 'ST PAD 01' (encompassing AHIMS ID #56-6-0009, #56-6-0495, #56-6-0496 and #56-6-0497) and 'ST PAD 02' (AHIMS ID #56-6-0555)
- A program of surface collection was completed for associated Aboriginal sites and reported in 'Navin Officer Heritage Consultants Pty Ltd (March 2024) Maragle Switching Station and Transmission Line Connection Works. Site Collection Report (sighted)' in accordance with the document 'Aboriginal Heritage Management Plan' (Rev 0.06, 2 August 2023).

In discussion with the Project Team, Brendan Toohey explained an unexpected cultural heritage find was identified during pre-clearance surveys within part of the Lobbs Hole (easter alignment) Project area on 07 March 2024. Notifications were sent to UGL reporting the unexpected find as in accordance with Appendix C Unexpected Finds Procedure. Notifications were also sent Navin Heritage Consultants on the 7 March 2024 and Heritage NSW on the 12 March 2024. Additionally, Transgrid received confirmation from Navin Heritage Consultants on the 13 March indicating the find had occurred outside the disturbance area and

has been fenced appropriately. Navin Consultants also noted works could proceed in the area of the find but should take note of the fenced area.

4.6 Sediment and Erosion Control and Water Management

As required and endorsed by DPHI the auditing of the Projects Sediment and Erosion Control and Water Management requirements and obligations was undertaken by Melissa Swan, Senior Environmental Engineer and Certified Professional in Erosion and Sediment Control (CPESC #8954). The audit of sediment and erosion control and water management for the Project included a site inspection and desktop review of the following documentation:

- Soil and Water Management Plan (SWMP) (including sub plans such as the Primary and Progressive Erosion and Sediment Control Plans (ESCPs)).
- Emergency Management Plan.

There was one incident which occurred during the audit period which had the potential to cause water pollution. During this incident a localised heavy rainfall event of approximately 20 mm over a period of 10 minutes impacted the Elliott Way intersection upgrade work site at approximately 4:00 pm on Wednesday 21 February 2024. Turbid water was observed discharging from a culvert located on the northern side of Elliott Way opposite the work site approximately 180 m south of Yorkers Creek, situated outside of the approved Project boundary.

Notifications to DPHI and NPWS was sent on the 21 February 2024 (sighted) with a report being sent to the EPA detailing the event on the 22 February 2024 (sighted). Correspondence from EPA dated 26 February 2024 (sighted) detailed no further actions were required.

Based on a review of the incident report, the immediate response to the incident and ongoing follow up actions are considered appropriate.

In general, the SWMP was found to be compliant with the project approval conditions and compliant with the commitments of the EIS in regard to water management however one potential non-compliance was noted with regards to the following EIS commitment:

- EIS Commitment No. W4 – No refuelling or bulk herbicide preparation will occur within 40 metres of natural drainage lines.

During the audit period it was observed that a temporary generator was installed and operating within 40 m of a drainage line at Maragle Temporary Project Compound (refer to **Plate 4 in Appendix 5**). While refuelling of the generator was not observed during the site inspection it is likely that it would occur in-situ (i.e. within 40 m of the drainage line). To ensure compliance with EIS Commitment W4 it is recommended that the generator be relocated further away from the drainage line (outside of the 40 m drainage line buffer).

A site inspection was undertaken by the lead and assistant auditor and accompanied by Melissa Swan (Endorsed Water/Sediment and Erosion Control Specialist). During the site inspection the installed erosion and sediment controls were inspected and generally were in good condition and installed as per the Progressive Erosion and Sediment Control Plans (Progressive ESCPs) (refer to **Plate 5, Plate 6, Plate 7, Plate 8, Plate 9 in Appendix 5**). During the walk around of the site it was found to be sufficiently

maintained, with all areas managed to an appropriate standard. Hydrocarbon management measures were being implemented effectively, with spill and containment kits available for use as required (refer to **Plate 10 in Appendix 5**).

It was noted in discussions with the site team during the site inspection that the SWMP refers to meeting a target of “better than Blue Book” (Blue Book being Landcom’s Managing Urban Stormwater: Soils and Construction (2004)) for erosion and sediment controls across the site. Interviews with site personnel during the audit identified that the site team interprets this target as implementing enhanced groundcover during the construction works (i.e. trying to achieve minimal “open/disturbed” areas through the use of immediate/quickly installed appropriate temporary and permanent ground cover measures).

4.7 Site Audit Inspection

A detailed site inspection of the active construction areas of the Project site was undertaken during the site audit. The inspection included the following key areas and construction activities:

- Maragle Temporary Project Compound
- Elliott Way/Access Track South Intersection
- Maragle Substation Project Area
- Lobbs Hole Project Compound.

During the site inspection the Maragle Temporary Project Compound was found to be sufficiently maintained, with all areas managed to an appropriate standard. General housekeeping measures were being implemented effectively, with the area being kept free of litter and waste organised in respective bins (refer to **Plate 11 in Appendix 5**).

The Elliott Way/Access Track South Intersection was also inspected, and showed mitigation measures including cog logs or rock landscaping were being effectively implemented (refer to **Plate 6 in Appendix 5**). An inspection of the sealed roads was also completed and showed to be well maintained and in good condition showing no evidence of dirt/mud tracking (refer to **Plate 5 in Appendix 5**). Stockpiles onsite were observed to generally be well maintained and in accordance with current management standards. Stockpiles showed no signs of mismanagement with no weeds present, and stockpiles covered with tarps with a clear area of separation from surrounding vegetation (refer to **Plate 12 in Appendix 5**).

The access road leading towards the Maragle Substation Project Area was inspected (refer to **Plate 13 in Appendix 5**). Erosion and sediment controls appear to be in place and functioning. Rock checks and diversion drains were observed to be well maintained (refer to **Plate 7 in Appendix 5**). Spill kits were located adjacent to the Maragle Substation Project Area and were stocked. Due to the identification of the presence of *Phytophthora sp.* it was observed (and explained by site personnel) that in order to prevent the potential spread of pathogens from the clearance areas that access was restricted to one way in and out and at this location portable pump packs for disinfection of footwear and equipment were observed prior to entering affected areas (refer to **Plate 3 in Appendix 5**). All equipment observed to be in operation appeared to be well maintained and was being operated in a proper and efficient manner. Brendan Toohey explained the functions of the different equipment used onsite during the clearing activities such as the Spider Boom. The Spider Boom is a specialised piece of equipment that has been procured by the project that allows construction personnel or ecologist to closely inspect tree branches and hollows as required by

the BMP safely and effectively (refer to **Plate 14 in Appendix 5**). Being able to get close to the branches and habitat features prior to felling allows the construction team to mitigate impacts to fauna.

The Lobs Hole Project Compound was also inspected (refer to **Plate 15 in Appendix 5**) and was observed to be well maintained with the exception of a couple of minor housekeeping slips. An isolated pile of debris was observed to be located on the earth berms where it should be located in designated waste skips (refer to **Plate 16 in Appendix 5**). To improve housekeeping any temporary stockpiles of waste or debris should be kept away from site boundaries and moved to designated waste storage areas as soon as possible as there is potential for litter to migrate offsite. During the inspection of the Lobbs Hole site the majority of chemical and hydrocarbon storage containers were observed to be well organised and well maintained (refer to **Plate 17 in Appendix 5**) with the exception of one storage container. This storage container was found to be poorly organised, with chemicals and hydrocarbons stacked on top of each other and SDS not able to be easily accessed (refer to **Plate 18 in Appendix 5**). Recycling programs were observed to be well implemented at the Lobbs Hole Project Compound with waste segregation and designated bins provided and clearly sign posted (refer to **Plate 19 in Appendix 5**). Firefighting equipment was also seen and readily available (refer to **Plate 20 in Appendix 5**).

The Maragle temporary construction compound facilities were observed to have been established within the easement of Transgrid's existing Transmission Line 64 in an area that is outside of the Project Disturbance Area shown on the Development Layout plans in Appendix 2 of the Development Consent. It was noted in the review of the EIS and the BMP that this location is identified on plans as a 'no-go' zone and there is no description within the EIS that describes the use of this area as part of the construction of the project.

As part of the audit process Transgrid noted Approval was not required to be sought from agencies for the establishment of the Maragle temporary construction compound facilities. The temporary site compound was established under a separate self-determined Summary Environmental Report (SER) for the 330kV Transmission Line 64 (TL64) Overhead Earth Wire and Optical Ground Wire Upgrading activities in accordance with the *NSW Code of Practice for Authorised Network Operators* approved under clause 244K of the *Environmental Planning and Assessment Regulation 2000*.

Other than the above, based on observations made during the site audit and evidence reviewed it is considered that the construction of the Project is being undertaken generally consistent with what was proposed and assessed within the EIS.

5.0 Recommendations and Opportunities for Improvement

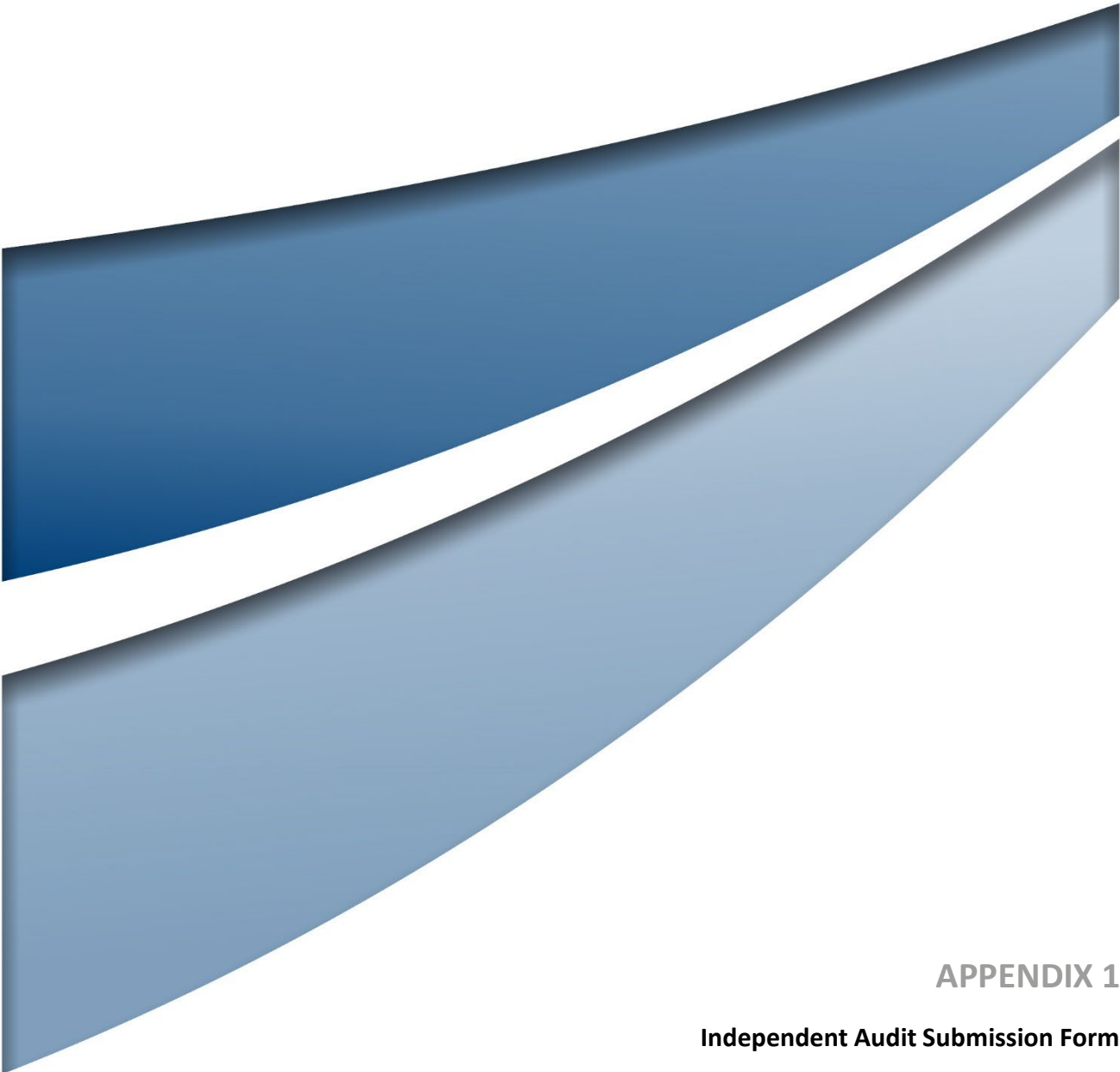
5.1 Recommendations and Opportunities for Improvement

A summary of recommendations and opportunities for improvement identified as an outcome of the audit process is provided in **Table 5.1**.

Table 5.1 Recommendations

Condition / Issue	Recommendation
Infrastructure Approval	
A2 (d)	It is recommended Transgrid consult with DPHI in relation to the location of the Maragle temporary construction compound being located in an area not described in the EIS and seek confirmation that the Department are satisfied that the Transgrid SER for the location of these facilities within the existing TL 64 is appropriate for the Project.
A13 (c)	It is recommended signposting of management areas in installed where Phytophthora sp. has been identified through testing.
A13 (c)	It is recommended to construct and operate a washdown station capable of washing down vehicles and plant/machinery within the Maragle Project Area.
B3 (c)	OOHW flowchart be revised to include notification to SVC, DPHI and NPWS.
B8 (h)	It is recommended Section 6 of the Spoil Management Plan be revised to include details to explain how the management of spoil and the progress against the detailed completion criteria and performance indicators would be publicly reported.
B16 (b) i)	Baseline surface water flow monitoring is recommended to demonstrate compliance with both condition B15 and B16.
B16 (b) ii)	It is recommended given that two years of baseline surface water quality monitoring data is now available it is recommended that the WQMP be updated to incorporate site specific water quality monitoring trigger values.
B18 (b)	It is recommended for completeness the BOP be revised to include additional details of how the cost for each specific biodiversity offset measure was calculated.
B28	It is recommended that Transgrid seek written confirmation from the relevant roads authority/manager that the road upgrades have been completed to their satisfaction.
B32 (d) i)	It is recommended that within the Traffic & Transport Management Plan that Appendix C Fatigue Management procedure is revised to reflect Project and remove references to rail.
B32 (d) i)	It is recommended that within the Traffic & Transport Management Plan that Appendix D Snow and Ice Traffic Management Plan is revised to include details of flooding.
B32 (d) i)	It is recommended the Traffic & Transport Management Plan be revised to include details of employee shuttle bus service, including pick-up and drop-off points and associated parking arrangements for construction workers
B36 (c) i) / ii)	It is recommended the Visual Impact Management Plan be revised to include detailed plans for minimising visual impacts of the Maragle substation and transmission line easement.
B39	Site managers / supervisors to ensure adequate fit for purpose storage containers / areas available to meet site volume requirements for chemical and hydrocarbons and that all hydrocarbon and chemical storage areas are routinely monitored.

Condition / Issue	Recommendation
B44	Transgrid should develop a waste tracking register for the Project that records details of all wastes generated by or imported to the Project area including details of treatment, processing, classification and disposal by licenced contractors to a licensed land disposal facility that covers both the East and West Project alignments.
B45	It is recommended that Transgrid seek to confirm and document an appropriate waste agreement with a waste disposal site licensed by the EPA for the disposal of waste originating from the West Project alignment.
C1 (d) v)	It is recommended Section 3.7 of the EMS is revised to clearly set out the procedures on how to respond in the event of an emergency.
C1 (e) ii)	It is recommended the EMS be revised to include clear plan or table depicting all the monitoring to be carried out in relation to the Project.
C11 (a) ii)	It is recommended the final layout plans be uploaded to the Project website.
EPBC Conditions	
4 d. e.	It is recommended that the BMP be revised to include detailed criteria for determining surface water impacts (in respect of flows, quality and flooding) of the Action on the Booroolong Frog. The BMP should also be revised to include a monitoring program capable of detecting the specified criteria for triggering remedial action.
4 d. e.	It is recommended baseline surface water flow data is provided to DCCEEW and included in the BMP.
EIS Commitments	
CEMP	It is recommended the CEMP is revised to include Transgrid's Environmental Policy.
W4	It is recommended the generator located at the Maragle temporary construction compound be relocated further away from the drainage line (outside of the 40 m drainage line buffer).
L8	It is recommended the CEMP is revised to include measures to identify, minimise impacts and report on any new identified geodiversity sites.
SE52	It is recommended the accommodation strategy is revised and updated to align with industry standards for accommodation strategies for state significant projects and consider the NSW Government's Cumulative Impact Assessment Guidelines for State Significant Projects.



APPENDIX 1

Independent Audit Submission Form

Appendix 1 - Independent Audit Report Declaration Form

Independent Audit Report Declaration Form

Project Name: Snowy 2.0 Transmission Connection Project

Consent Number: SSI 9717

Description of Project: Construction and operation of new 330 kilovolt (kV) transmission lines and associated infrastructure connecting the Snowy 2.0 Main Works Project to the existing electricity grid.

Project Address: Elliot Way Maragle NSW 2653 (Snowy Mountains)

Proponent: Transgrid

Title of Audit: Independent Environmental Audit of Snowy 2.0 Transmission Connection Project
Initial Construction Audit

Date: 8 May 2024

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

- the audit has been undertaken in accordance with relevant condition(s) of consent and the *Independent Audit Compliance Requirements (Department 2019)*;
- the findings of the audit are reported truthfully, accurately and completely;
- I have exercised due diligence and professional judgement in conducting the audit;
- I have acted professionally, objectively and in an unbiased manner;
- 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;
- 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;
- 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
- 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.

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: Daniel Sullivan

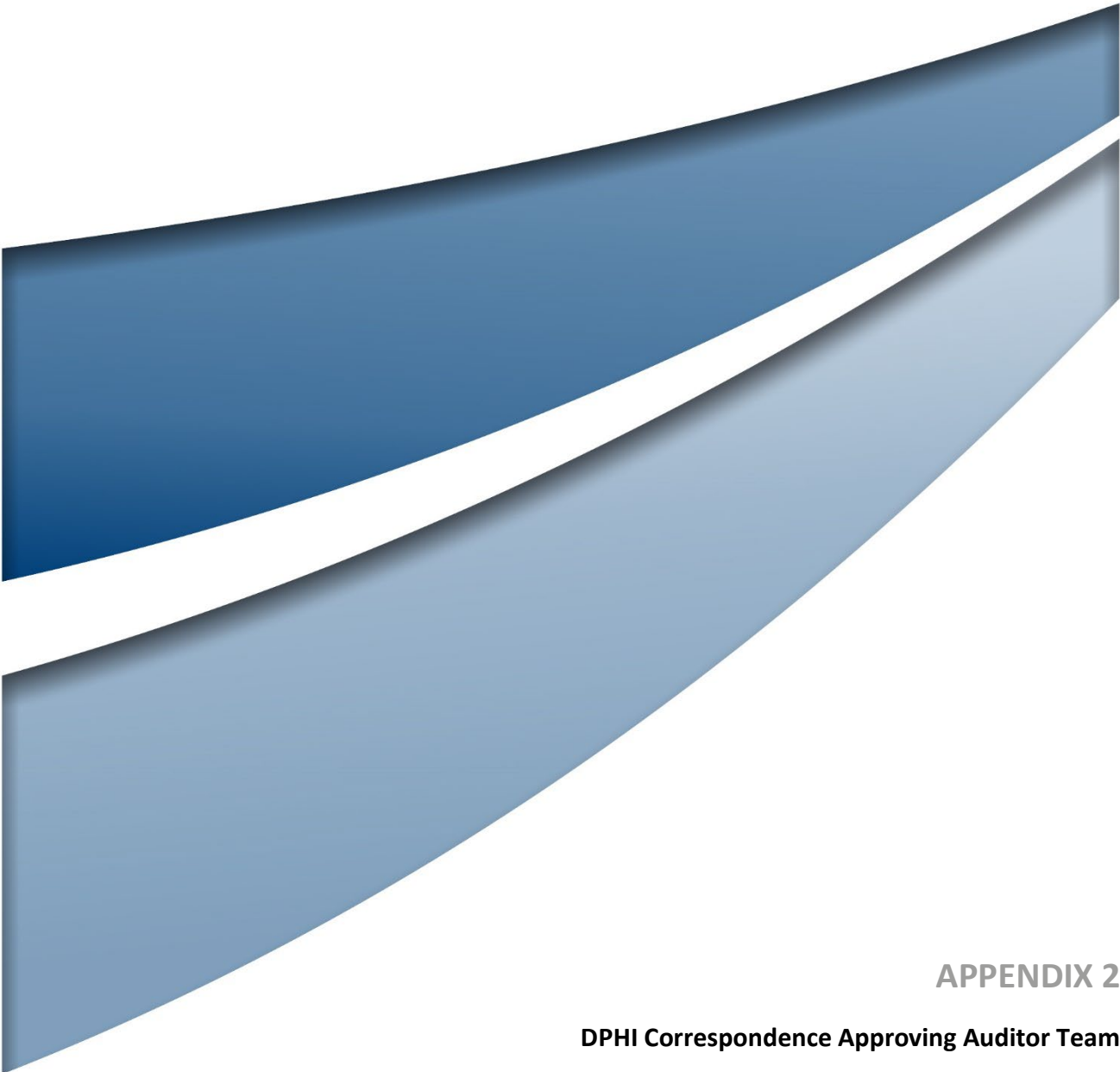
Signature:



Qualification: BEnvSc, Exemplar Global Internationally Certified Lead Auditor (No. 113202)

Company: Umwelt (Australia) Pty Limited

Company Address: 75 York Street Teralba NSW 2284



APPENDIX 2

DPHI Correspondence Approving Auditor Team

Department of Planning and Environment

Mr Andrew Buttigieg
180 THOMAS STREET
HAYMARKET NSW 2000
27/04/2023

Dear Mr Buttigieg

**Snowy 2.0 - Transmission Connection - (SSI-9717)
Independent Environmental Audit Team approval**

Reference is made to the post approval documents regarding the Independent Environmental Audit (IEA) timing schedule and the suitability of the Audit team's qualifications, experience and independence, to undertake the IEA and prepare the IEA report, submitted to the Department of Planning and Environment (the department) for the Snowy 2.0 - Transmission Connection on 22 March 2023 as required Condition C10 of SSI 9717 (the approval).

Having considered the qualifications and experience of the audit team from Umwelt Australia Pty Ltd the Planning Secretary endorses the appointment of the audit team listed below, to undertake the IEA and prepare the IEA report in accordance with Condition C10 of the approval.

Mr Daniel Sullivan - Lead Auditor;
Mr Chris Bonomini - Principal Engineer – Water Process and Risk;
Mr James Garnham - Senior Ecologist; and
Mr Luke Wolfe - Principal Archaeologist.

In respect to the request of relief from the counting of three (3) winter shutdown months in the IEA audit frequency of every year of the construction phase, the department is of the opinion that the snowmelts are one of the major potential impact times for erosion/sediment issues associated with the site and hence this 3 months-time period is to be included in the 26 weeks.

The Independent Audit must be prepared, undertaken and finalised in accordance with the Independent Audit Post Approval Requirements (May 2020). Failure to meet these requirements will require revision and resubmission.

The Department reserves the right to request an alternate auditor or audit team for future audits. Notwithstanding the agreement for the above listed auditor for this Project, each respective project approval requires a request for the agreement to the auditor be submitted to the Department, for the consideration of the Secretary. Each request is reviewed and depending on the complexity of future projects, the suitability of a proposed auditor will be considered.

If you wish to discuss the matter further, please contact me on 0429400261 or compliance@planning.nsw.gov.au

Yours sincerely



Katrina O'Reilly
Team Leader - Compliance
Compliance
As nominee of the Planning Secretary

NSW Planning ref: SSI-9717-PA-38

Mr Andrew Buttigieg

Project Manager - Snowy 2.0 Transmission Connection

The Trustee for the NSW Electricity Networks Operations Trust

ABORIGINAL COUNTRY

180 THOMAS STREET

HAYMARKET New South Wales 2000

05/02/2024

Sent via the Major Projects Portal only

Subject: Snowy 2.0 - Transmission Connection – Independent Environmental Audit - Auditor replacement approval request 2 February 2024

Dear Mr Buttigieg

Reference is made to your post approval matter, SSI-9717-PA-38, requesting the Planning Secretary's approval of an alternate suitably qualified, experienced, and independent person to assist in the Independent Audit of the Snowy 2.0 - Transmission Connection - submitted as required by C10 of SSI 9717 (the approval) to NSW Department of Planning, Housing and Infrastructure (NSW Planning) on 2 February 2024.

NSW Planning notes that Mr Chris Bonomini has moved on to a role outside of Umwelt Australia Pty Ltd and is no longer available for the endorsed audit team. NSW Planning has reviewed the replacement auditor nomination and based on the information you have provided is satisfied that Ms Melissa Swan is suitably qualified, experienced, and independent. Consequently, as nominee of the Planning Secretary, I approve the appointment of Ms Swan as part of the IEA team.

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

Should you wish to discuss the matter further, please contact me on 0429400261 on 0429400261 or email compliance@planning.nsw.gov.au

Yours sincerely



Katrina O'Reilly

Team Leader - Compliance

Compliance

As nominee of the Planning Secretary

NSW Planning ref: SSI-9717-PA-42
Mr Andrew Buttigieg
Project Manager - Snowy 2.0 Transmission Connection
The Trustee for the NSW Electricity Networks Operations Trust
180 THOMAS STREET
HAYMARKET New South Wales 2000
15/02/2024

**Subject: Snowy 2.0 - Transmission Connection – Independent Environmental Audit -
alternate auditors approval**

Dear Mr Buttigieg

Reference is made to your post approval matter, SSI-9717-PA-42, requesting the Planning Secretary's approval of an additional and an alternate suitably qualified, experienced, and independent persons to assist in the Independent Environmental Audit (IEA) of the Snowy 2.0 - Transmission Connection - submitted as required by C10 of SSI 9717 (the approval) to NSW Department of Planning, Housing and Infrastructure (NSW Planning) on 14 February 2024.

NSW Planning notes that Mr James Graham is unable to participate in the IEA due to personal reasons.

NSW Planning has reviewed Mr Graham's replacement auditor nomination and based on the information you have provided is satisfied that Mr Jacob Manners (Principal Ecologist and Accredited BAM Assessor) is suitably qualified, experienced, and independent. In addition, NSW Planning have reviewed Mr Joshua Wheatley (Environmental Consultant) information, as assistant auditor to Mr Daniel Sullivan and is satisfied he is suitably qualified, experienced, and independent. Consequently, as nominee of the Planning Secretary, I approve the appointment of Mr Manners and Mr Wheatley as part of the IEA team.

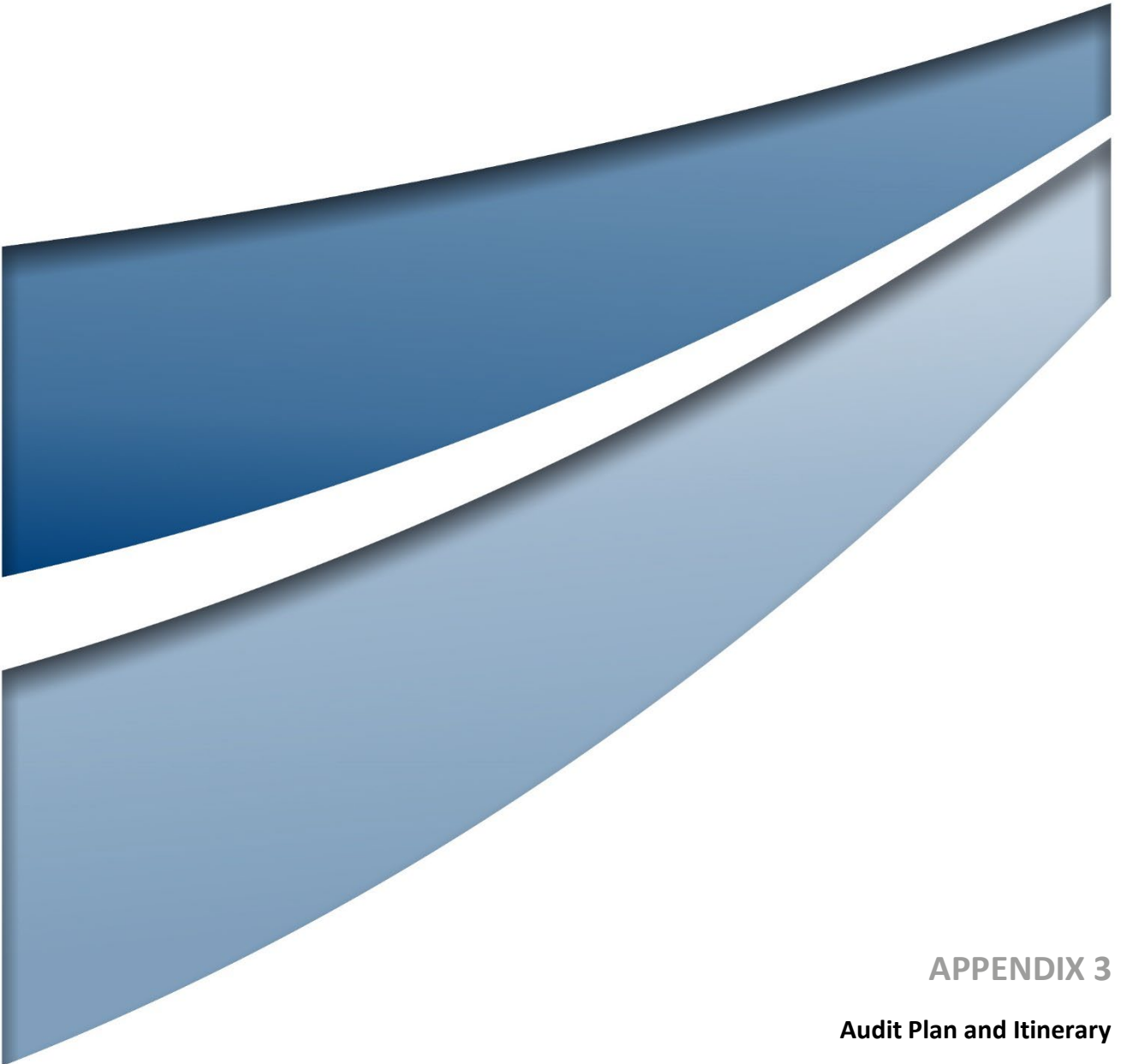
Please ensure this correspondence is appended to the Independent Audit Report.

Should you wish to discuss the matter further, please contact me on 0429400261 or email compliance@planning.nsw.gov.au

Yours sincerely



Katrina O'Reilly
Team Leader - Compliance
Compliance
As nominee of the Planning Secretary



APPENDIX 3

Audit Plan and Itinerary



TransGrid

Snowy 2.0 Transmission Connection Project SSI 9717 Initial Independent Audit – Construction

Audit Plan

To:	Jason Snape (Transgrid)
From:	Umwelt (Australia) Pty Limited
Author:	Daniel Sullivan (Umwelt)
Date:	19 February 2024
Subject:	Snowy Hydro 2.0 Connection Project – Initial Independent Audit - Construction

Audit Period: 4 December 2023 (construction commencement) to 14 March 2024

Site Audit Date: 12 – 14 March 2024

Audit Team:

Name	Role
Daniel Sullivan	Lead Auditor
Joshua Wheatley	Assistant Auditor
Jacob Manners	Biodiversity Specialist
Luke Wolfe	Aboriginal Archaeology Specialist
Melissa Swan	Sediment & Erosion / Water Specialist

This plan and any files transmitted with it are confidential and are intended to provide information for use in discussions between Umwelt and the named recipient(s) only.

1.0 Audit Scope and Objectives

In accordance with the Development Consent for SSI 9717 and the NSW Department of Planning, Industry & Environment's (DPIE) *Independent Audit – Post Approval Requirements* dated May 2020 (Independent Audit Requirements) an Initial Independent Audit is required to be completed for Snowy Hydro 2.0 Connection Project (the Project).

The scope and objectives of the Initial Independent Audit are to assess TransGrid's compliance with:

- All conditions of the Development Consent for SSI 9717 (dated 2 September 2022) that are applicable to the construction phase
- 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
- All environmental licences and approvals applicable to the development excluding environment protection licences issued under the *Protection of the Environment Operations Act 1997*.

The audit will also include:

- A review of the environmental performance of the development (including a comparison with the predicted impacts contained in the EIS, review of complaints and incidents registers and consideration of any feedback provided during agency consultation)
- 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.

2.0 Audit Criteria

Reporting of compliance will be based on the compliance status descriptors as defined in the Independent Audit Requirements as shown in **Table 1**. No other terms may be used to describe the compliance status.

Table 1: Compliance Status Descriptors

Status	Description
Compliant (C)	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 (NC)	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 (NT)	A requirement has an activation or timing trigger that has not been met during the temporal scope of the audit being undertaken (may be a retrospective or future requirement), therefore an assessment of compliance is not relevant.

3.0 Audit Process

Document Review: The documents listed in Part 1 of **Table 2** below will be reviewed prior to and during the audit to enable compilation of audit checklists and allow the auditor to gain an understanding of the site.

Agency Consultation: Consultation will be undertaken with Department of Planning, Housing and Infrastructure (DPHI) (formerly Department of Planning and Environment) with regard to the scope of the audit. During this consultation the Department may request that further consultation be undertaken with other parties including other agencies.

Site Inspection/Audit: Three days has been allowed for the on-site component of the audit. During the site inspection access is requested to all development areas and environmental aspects that form part of the Project. To maximise the time on site, documentation as discussed below will be reviewed prior to the site inspection.

An indicative itinerary for the site inspection is provided in **Table 3**. This will be revised and reissued as final prior to the site audit date.

During the audit, the following people are proposed to be interviewed (if available):

- Project Manager / Site Manager
- Senior Environmental Advisor;
- Relevant supervisors / personnel from key construction areas visited during the site inspections including those with responsibility for environmental management; and
- Other persons identified during the course of the audit (as relevant).

For the Opening and Closing Meetings, it is suggested that as a minimum these should be attended by the Project Manager/ Site Manager, Senior Environmental Advisor, relevant area supervisors and any other personnel nominated by TransGrid.

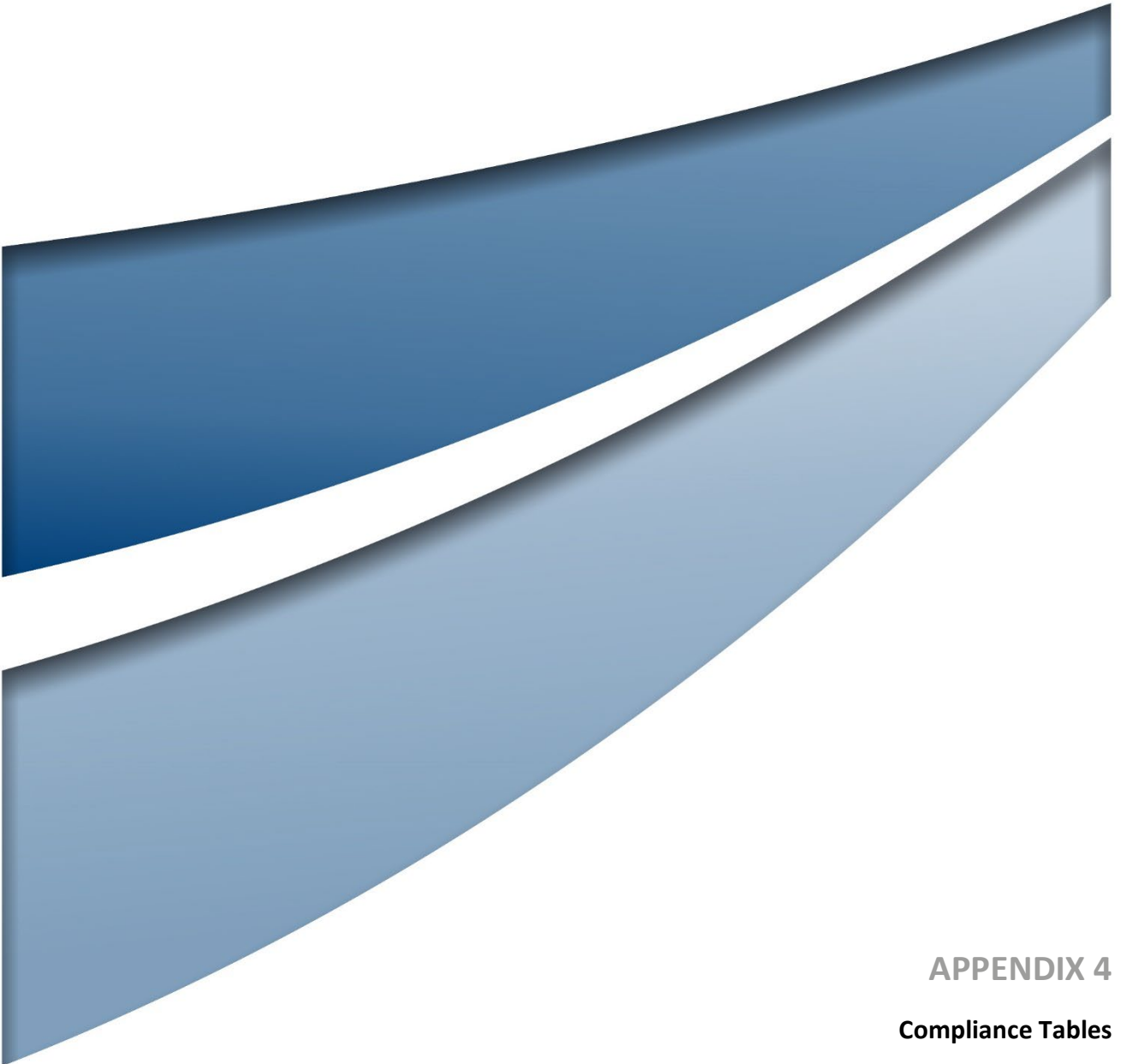
Table 2: Initial Documentation Requirements

Issue	Document	Status
Part 1 – Documentation Required Prior to Audit		
Approvals/Licences	Development Consent	Downloaded
	EIS	Downloaded
	Confirmation if any other Approvals or Licences have been required and obtained (and copies if yes) e.g. WALs	Required
	Copies of any notifications (including any written requirements or directions) given by Secretary under the approval	Required
Environmental Documentation	Staging Report (if staged approach to construction is taken)	Received
	Final Layout Plans (or confirmation if no change from EIS)	Required
	Complaints Management System (i.e. Complaints register)	Received
	Community and Stakeholder Engagement Plan	Received
	Biodiversity Offset Package	Received
	Management Plans (EMS, Traffic and Transport, Transport Strategy, Noise and Vibration, Biodiversity, Soil and Water, Heritage, Visual, Emergency Plan, Spoil, Contaminated Land)	Downloaded
	Primary Soil and Sediment Control Plan	Downloaded
	Progressive Soil and Sediment Control Plan	Downloaded
	Spill Response Procedure	Downloaded
	Drivers Code of Conduct	Downloaded
	Aboriginal Heritage Salvage Report(s)	Received
	Out-of-Hours Work Protocol	Downloaded
	Construction Environmental Management Plan	Received
	Worker Accommodation Strategy	Required
	Pre-clearing survey documentation	Received
	Aboriginal Site Impact Recording Forms	Required
	Pre-construction Dilapidation Report of existing condition of all local roads on the transport route shown in the figure in Appendix 4 of SSI 9717	Received
	Details of any PINs received, and incidents reported within the audit period including reports (if any)	Required
	Copies of correspondence to relevant agencies for consultation, submission and approval of plans	Received
	Copies of correspondence approving audit team and specialists	Received

Table 2: Indicative Itinerary for Site Inspection/Audit

Day/Time	Description	Personnel
Day 1 (Tuesday 12 March 2024)		
9.00am - 9.30am	Opening Meeting <ul style="list-style-type: none"> • Introductions • Purpose of Audit • Confidentiality Arrangements • Audit Process and Timing 	Manager/supervisor, environmental personnel and site personnel as invited by Transgrid
9.30am - 10.00am	Presentation on Snowy 2.0 Transmission Connection Project and construction activities in Audit Period <ul style="list-style-type: none"> • Transgrid personnel to present an overview of the progress of construction across the site, including outline of environmental management system and controls 	Manager/supervisor and environmental personnel
10.00am - 12.00pm	Documentation Compliance Review - Focus on Biodiversity and Aboriginal Archaeology Specialist Areas <ul style="list-style-type: none"> • Review of SSI 9717 consent • Review key EIS commitments • Review activities against EIS • Regulator consult issues and audit feedback • Reportable incidents and complaints • Management plans commitments review 	Environmental personnel and appropriate site personnel as required
12.00pm - 12.30pm	Lunch	
12.30pm - 3.30pm	Field Inspection (focus on Biodiversity and Aboriginal Archaeology) <ul style="list-style-type: none"> • All Cleared Areas • Any areas where pre-clearing works are planned / commenced • Sensitive sites where mitigation / management is required 	Environmental personnel and appropriate site personnel as required
3.30pm - 4.00pm	Auditors Revision and End of Day 1	Umwelt Auditor Only
Day 2 (Wednesday 13 March 2024)		
9.00am - 9.30am	Day 2 Morning Catchup <ul style="list-style-type: none"> • Recap of Day 1 as needed • Plans for Day 2 and inspections 	Environmental personnel and appropriate site personnel as required
9.30am - 12.00pm	Documentation Compliance Review <ul style="list-style-type: none"> • Review of SSI 9717 consent • Review key EIS commitments • Review activities against EIS • Regulator consult issues and audit feedback • Reportable incidents and complaints • Management plans commitments review • Training and communication 	Environmental personnel and appropriate site personnel as required

12.00pm - 12.30pm	Lunch	
12.30pm - 2.00pm	Documentation Compliance Review <ul style="list-style-type: none"> Review of SSI 9717 consent (Cont.) Any outstanding items 	Environmental personnel and appropriate site personnel as required
2.00pm - 4.00pm	Documentation Compliance Review - Focus on Sediment & Erosion & Water Management <ul style="list-style-type: none"> Review of SSI 9717 consent Review activities against EIS Regulator consult issues and audit feedback Reportable incidents and complaints Management plans commitments review 	Environmental personnel and appropriate site personnel as required
Day 3 (Thursday 14 March 2024)		
9.00am - 9.30am	Day 3 Morning Catchup <ul style="list-style-type: none"> Recap of Day 2 as needed Plans for Day 3 	Environmental personnel and appropriate site personnel as required
9.30am - 12.00pm	Field Inspection - Focus on Sediment & Erosion & Water Management <ul style="list-style-type: none"> All areas within the Project boundary where construction works have commenced. Water management system and infrastructure include all Sediment & Erosion Control features Monitoring network (any environmental monitoring locations) Sensitive sites where mitigation / management is required 	Environmental personnel and appropriate site personnel as required
12.00pm - 12.30pm	Lunch	
12.30pm - 2.00 pm	Auditor Revision and Preparation for Closeout Meeting	Umwelt Auditor Only
2.00pm - 2.30 pm	Close Out Meeting <ul style="list-style-type: none"> Overview of findings Confirmation of outstanding items or documents required Confirm audit review and completion process 	Manager/supervisor, Environmental personnel and site personnel as invited by Transgrid



APPENDIX 4

Compliance Tables

Snowy 2.0 Transmission Connection Project (Infrastructure Approval SSI 9717)					
Condition No.	Requirement	Evidence Collected	Compliance Status	Independent Audit Findings and Recommendations	Unique ID on NC
SCHEDULE 2					
PART A ADMINISTRATIVE CONDITIONS					
OBLIGATION TO MINIMISE HARM TO THE ENVIRONMENT					
A1.	In meeting the specific performance measures and criteria of this approval, all reasonable and feasible measures must be implemented to prevent, and if prevention is not reasonable and feasible, minimise, any material harm to the environment that may result from the construction, operation, rehabilitation, upgrading or decommissioning of the development.	<p>Snowy 2.0 TC_Compliance_Tracker_rev1 Site Environmental Plan – 3200-0645-PLN-012-CEMP-SEP dated 18/10/2023</p> <p>Maragle 330kV Switching Station and 330kV Transmission Line Connections Environmental Management Strategy V.0.06 (Dated 28/07/2023)</p>	Compliant	<p>The Maragle 330kV Switching Station and 330kV Transmission Line Connections Environmental Management Strategy (EMS) document (sighted) provides the framework for environmental management for the Snowy Hydro 2.0 Transmission Connection Project. It also generally addresses the requirements of this Infrastructure Approval. Findings and observations made during the audit and site inspection confirmed that TransGrid are implementing appropriate measures under the management plans to prevent / minimise material harm to the environment.</p> <p>TransGrid alongside its Principal Contractor ‘UGL’ utilise compliance tracking systems (sighted) to ensure they meet the specific performance measures and criteria set out by this approval. The compliance trackers outline responsible parties, evidence of compliance and associated comments from TransGrid or UGL and relevant links to associated files. TransGrid also operate a Notification tracker (sighted) for regulators and stakeholders associated with relevant approvals and agreements. These measures and tools are considered a sound approach to managing compliance and the environmental performance of the project.</p> <p>Additionally onsite UGL utilise a predictive forecast management system for noise and air quality as well as a predictive blast modelling program to ensure obligations to minimise harm are being met (B. Toohey per comms).</p> <p>Furthermore, the Project Area is divided into smaller sites to improve the manageability and enforcement of environmental mitigation and management measures. Each site has its own Site Environmental Plan and includes an overview of locations of ‘no-go’ zones, key biodiversity features, environmental mitigation measures and location of heritage sites. Site Environmental Plan are provided for each relevant site area on paper and can be accessed remotely via a tablet or phone which uses ESRI software to provide a live view of key areas (sighted).</p> <p>There were some reportable incidents during the audit period as described below in these compliance tables, however no material harm was shown to occur to the environment.</p>	
TERMS OF APPROVAL					
A2.	<p>The development must be carried out:</p> <ul style="list-style-type: none"> (a) in compliance with the conditions of this approval; (b) in accordance with all written directions of the Planning Secretary; (c) generally in accordance with the EIS; and (d) generally in accordance with the Development Layout in Appendix 2. 	<p>Snowy 2.0 TC_Compliance_Tracker_rev1</p>	Non -Compliant	<p>The Snowy Hydro 2.0 Transmission Connection Project is being carried out generally in accordance with the conditions of this Infrastructure Approval and the EIS.</p> <p>Non-Compliances against conditions have been identified during the audit period and are recorded in this table and in the main Audit Report</p> <p>No written direction by the Secretary has been received during the reporting period (J. Snape and B. Toohey per comms).</p> <p>All works during the reporting period were carried generally in accordance with the development layout outlined in Appendix 2. It is noted that during site inspection the Maragle temporary construction compound facilities were observed to have been established within the easement of Transgrid’s existing Transmission Line 64 in an area that is outside of the Project Disturbance Area shown on the Development Layout plans in Appendix 2 of the Development Consent. Transgrid noted Approval was not required to be sought from agencies for the establishment of the Maragle temporary construction compound facilities. The temporary site compound was established under a separate self-determined Summary Environmental Report (SER) for the 330kV Transmission Line 64 (TL64) Overhead Earth Wire and Optical Ground Wire Uprating activities in accordance with the NSW Code of Practice for Authorised Network Operators approved under clause 244K of the Environmental Planning and Assessment Regulation 2000.</p> <p>Limited clearing has been undertaken during the audit period. Clearing commenced on 8 March 2024.</p> <p>Recommendation: It is recommended Transgrid consult with DPHI in relation to the location of the Maragle temporary construction compound being located in an area not described in the EIS and seek confirmation that the Department are satisfied that the Transgrid SER for the location of these facilities within the existing TL 64 is appropriate for the Project.</p>	NC-01
A3.	<p>The Proponent must comply with any requirement/s of the Planning Secretary arising from the Department’s assessment of:</p> <ul style="list-style-type: none"> (a) any strategies, plans or correspondence that are submitted in accordance with this approval; (b) any reports, reviews or audits commissioned by the Department regarding compliance with this approval; and (c) the implementation of any actions or measures contained in these documents. 	<p>20230421 EMP Stakeholder Consultation Consolidated Register</p>	Compliant	<p>Any requirements outlined by the Planning Secretary in respect to the submission of any management plans and strategies included in this Infrastructure Approval had been met and are detailed in these compliance tables.</p> <p>No reports, reviews or audits have been commissioned by the Department during this audit period (J. Snape per comms).</p> <p>Management Plans under this Infrastructure Approval have generally been implemented during this audit period however not all actions have been undertaken.</p>	

Snowy 2.0 Transmission Connection Project (Infrastructure Approval SSI 9717)																					
Condition No.	Requirement	Evidence Collected	Compliance Status	Independent Audit Findings and Recommendations	Unique ID on NC																
A4.	The conditions of this approval and directions of the Planning Secretary prevail to the extent of any inconsistency, ambiguity or conflict between them and a document listed in condition A2(c) or A2(d). In the event of an inconsistency, ambiguity or conflict between any of the documents listed in condition A2(c) and A2(d), the most recent document prevails to the extent of the inconsistency, ambiguity or conflict.		Noted																		
A5.	Any document that must be submitted within a timeframe specified in or under the terms of this approval may be submitted within a later timeframe agreed with the Planning Secretary. This condition does not apply to the immediate written notification required in respect of an incident under condition C7.		Not triggered	No requests were made to the Department during this audit period (J. Snape per comms)																	
LIMITS ON APPROVAL																					
Restrictions on Disturbance Area and Native Vegetation Clearing																					
A6	<div>The Proponent must comply with the restrictions in Table 1 below.</div> <div>Table 1 Restrictions on Approval</div> <table><tr><th>Matter</th><th>Kosciuszko National Park</th><th>Bago State Forest</th><th>Total</th></tr><tr><td>Maximum Disturbance Area</td><td>81 ha</td><td>44 ha</td><td>125 ha</td></tr><tr><td>Maximum Native Vegetation Full Clearing</td><td>37 ha</td><td>34 ha</td><td>71 ha</td></tr><tr><td>Maximum Native Vegetation Partial Clearing</td><td>38 ha</td><td>9.2 ha</td><td>47.2 ha</td></tr></table> <div>The areas in Table 1 relate to direct disturbance and clearing and do not include the indirect impacts of this disturbance and clearing.</div>	Matter	Kosciuszko National Park	Bago State Forest	Total	Maximum Disturbance Area	81 ha	44 ha	125 ha	Maximum Native Vegetation Full Clearing	37 ha	34 ha	71 ha	Maximum Native Vegetation Partial Clearing	38 ha	9.2 ha	47.2 ha	Clearing Permit – CP_004 (Substation and Switchyard site) dated 08/03/2024	Compliant	Clearing activities commenced on the 8 March 2024 (Clearing Permit sighted) on the western side of the Project Area (Maragle) whereas clearing commenced on the eastern side (Lobbs Hole) on the 14 March 2024. During this audit period limited clearing has occurred. TransGrid are well within restrictions detailed of this approval.	
Matter	Kosciuszko National Park	Bago State Forest	Total																		
Maximum Disturbance Area	81 ha	44 ha	125 ha																		
Maximum Native Vegetation Full Clearing	37 ha	34 ha	71 ha																		
Maximum Native Vegetation Partial Clearing	38 ha	9.2 ha	47.2 ha																		
LAPSE OF APPROVAL																					
A7.	This approval will lapse if the Proponent does not physically commence the development within 5 years of the date on which it is granted.	Notification for Commencement of Construction dated 27/11/2023	Compliant	On the 27 November 2023 TransGrid submitted a Notification for Commencement of Construction to DHPI (formerly DPE) notifying construction was to commence on the 4 December 2023 (sighted). TransGrid physically commenced the development on the 4 December 2023, which was within 5 years of the date of which this approval was granted. Construction activities primarily consisted of site mobilisation (J. Snape per comms).																	
EVIDENCE OF CONSULTATION																					
A8.	<div>Where conditions of this approval require consultation with an identified party, the Proponent must:</div> <div><div>(a) consult with the relevant party prior to submitting the subject document to the Planning Secretary for approval; and</div><div>(b) provide details of the consultation undertaken including:<div><div>i) the outcome of that consultation, matters resolved and unresolved; and</div><div>ii) details of any disagreement remaining between the party consulted and the Proponent and how the Proponent has addressed the matters not resolved.</div></div></div></div>	20230421 EMP Stakeholder Consultation Consolidated Register	Compliant	All management plans as detailed in the sections below and have been consulted with relevant parties prior to submission to the Planning Secretary. Details of consultation have been included in each respective plan and outlined in the conditions below. Additionally TransGrid maintain a Stakeholder Consultation Register (sighted) which details the outcomes of the consultation including matters resolved and unresolved.																	
PROTECTION OF PUBLIC INFRASTRUCTURE																					
A9.	<div>Unless the Proponent and the applicable authority agree otherwise, the Proponent must:</div> <div>(a) undertake any works on or in the vicinity of public infrastructure in consultation with the applicable public authority or service provider responsible for the</div>	Elliott Way/Access Track South intersection Email Correspondence dated 08/02/2022 NPWS Meeting Minutes dated	Compliant	The only work undertaken on or in the vicinity of public infrastructure during this audit period is upgrade works that were required for the Elliott Way/Access Track South Intersection (sighted). Consultation has been undertaken with National Parks and Wildlife Services (NPWS) (sighted). The Elliott Way/Access Track South intersection Upgrade works were completed on 11 March 2024. No close out works had																	

Snowy 2.0 Transmission Connection Project (Infrastructure Approval SSI 9717)					
Condition No.	Requirement	Evidence Collected	Compliance Status	Independent Audit Findings and Recommendations	Unique ID on NC
	public infrastructure; (b) repair, or pay the full costs associated with repairing, any public infrastructure that is damaged by the development; and (c) relocate, or pay the full costs associated with relocating, any public infrastructure that needs to be relocated as a result of the development. (d) This condition does not apply to any damage to roads caused as a result of general road usage which is expressly provided for in the conditions of this approval.	25/01/2022		been confirmed at the time of audit (J. Snape per comms). Close out works will be reviewed during next audit period. No damage or relocation of public infrastructure has occurred during this audit period (J. Snape per comms) .	
DEMOLITION					
A10.	The Proponent must ensure that all demolition work on site is carried out in accordance with <i>AS 2601-2001:The Demolition of Structures</i> (Standards Australia, 2001), or its latest version.		Not triggered	No demolition works have been undertaken during this audit period (J. Snape per comms).	
STRUCTURAL ADEQUACY					
A11.	All new buildings and structures, and any alterations or additions to existing buildings and structures, that are part of the development, must be constructed in accordance with the relevant requirements of the BCA; and where the BCA is not applicable, to the relevant Australian Standard. <i>Notes:</i> <ul style="list-style-type: none"> Under Part 6 of the EP&A Act, the Proponent is required to obtain construction and occupation certificates for the proposed building works. The EP&A Regulation sets out the requirements for the certification of the development. 	Elliot Way Culvert Inspection Test Plan	Compliant	Only temporary buildings (includes site amenities and site offices) and the culvert included as part of the Elliott Way/Access Track South Intersection has been constructed during this audit period (J. Snapes per comms). The Inspection Test Plan for the culvert (sighted) was shown to comply with design requirements and specifications.	
COMPLIANCE					
A12.	The Proponent must ensure that all of its employees, contractors (and their sub-contractors) are made aware of, and are instructed to comply with, the conditions of this approval relevant to activities they carry out in respect of the development.	UGL Induction Record Maragle 330kV Transmission Line & Switching Station Induction Presentation dated 13/12/23 Environmental Method Statements	Compliant	All employees and contractors inducted on site must review the UGL Lobs Hole to Maragle 330kV Transmission Line & Switching Station Induction (sighted). The induction covers Environmental Information & Compliance relevant to the conditions of this approval in Part 2 of the presentation. A copy of the employee induction was sighted on 13 March 2024. Relevant mitigation measures are also included in Environmental Method Statements (sighted) provided to employees to ensure individuals are aware of their obligations related to their activities.	
OPERATION OF PLANT AND EQUIPMENT					
A13.	All plant and equipment used on site, or in connection with the development must be: <ul style="list-style-type: none"> (a) maintained in a proper and efficient condition; (b) operated in a proper and efficient manner; and (c) kept free of weeds, seeds and pathogens when entering or leaving the site. 	Weed and Pathogen Declaration Record (Truck Carrier With Forestry Mulcher) dated 7th March 2024 Weed and Pathogen Declaration Record (Excavator) dated 5th March 2024	Compliant	(a)/(b) All plant and equipment observed onsite appear to be well maintained and operated in a proper and efficient manner. (c) All plant onsite is accompanied by a Weed And Pathogen Hygiene Declaration Record providing evidence that the plant has been cleaned and inspected ensuring it has been kept free of weeds, seeds and pathogens. A Weed and Pathogen Declaration Record for a truck carrier with forestry mulcher dated 7 March 2024 was sighted. Additionally a record for an excavator dated 5 th March 2024 was also sighted but detailed the plant was sent back to the depot as it failed the inspection. During the site visit it was observed all personnel entering and exiting active work zones within the Maragle work area were required to use designated pump packs for disinfection of footwear ensuring sites were kept free of weeds, seeds and pathogens. However it was unclear if this was mandatory as there was no signage indicating that it was required. Recommendation : It is recommended signposting of management areas be installed where <i>Phytophthora sp.</i> has been identified through testing. Recommendation: It is recommended to construct and operate a washdown station capable of washing down vehicles and plant/machinery within the Maragle Project Area.	

Snowy 2.0 Transmission Connection Project (Infrastructure Approval SSI 9717)					
Condition No.	Requirement	Evidence Collected	Compliance Status	Independent Audit Findings and Recommendations	Unique ID on NC
APPLICABILITY OF GUIDELINES					
A14.	References in the conditions 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.		Noted		
A15.	However, consistent with the conditions of this approval and without altering any limits or criteria in this approval, the Planning Secretary may, when issuing directions under this approval in respect of ongoing monitoring and management obligations, require compliance with an updated or revised version of such a guideline, protocol, Standard or policy, or a replacement of them.		Not triggered	No requests or directions from the Planning Secretary were received in respect of ongoing monitoring and management obligations during this audit period (J. Snape per comms).	
PART B ENVIRONMENTAL CONDITIONS – GENERAL					
NOISE AND VIBRATION					
Construction Hours					
B1.	Unless the Planning Secretary agrees otherwise, road upgrades, construction, upgrading and decommissioning activities may only be undertaken between 6 am to 6 pm.	Maragle 330kV Transmission Line & Switching Station Induction Presentation dated 13/12/23 Maragle site employee sign on / off sheet (12/03/24)	Compliant	Construction activities have only been undertaken during nominated construction hours (B. Toohey per comms). Nominated hours for road upgrades, construction, upgrading and decommissioning activities are detailed in the UGL induction on slide 15. Maragle site sign on form also sighted during audit inspection confirming with exception of biodiversity survey works construction personnel not working outside nominated hours. Additionally no out-of-hours works permits have been issued (B. Toohey per comms).	
B2.	The following construction, upgrading and decommissioning activities may be carried out outside the hours specified in condition B1 above: (a) the delivery or dispatch of materials as requested by the NSW Police Force or other public authorities for safety reasons; or (b) emergency work to avoid the loss of life, property or to prevent material harm to the environment; or (c) activities that are inaudible at sensitive receivers that do not require traffic movements on local roads; or (d) road upgrades required by the relevant roads authority/manager to be undertaken outside the construction hours specified in condition B1; or (e) works carried out in accordance with an Out-of-Hours Work Protocol approved in accordance with condition B3.		Not triggered	No works have been carried outside nominated construction hours during this audit period (J. Snape per comms).	
B3.	An Out-of-Hours Work Protocol must be prepared to identify a process for the consideration, management and approval of works which are outside the hours defined in condition B1. The Protocol must be approved by the Planning Secretary before commencing these works. The Protocol must: (a) be prepared in consultation with Council; (b) provide a process for the consideration of out-of-hours works against the relevant construction noise, traffic noise and vibration criteria, including the determination of low and high risk activities; (c) identify an approval process that considers the risk of activities, proposed mitigation, management, and coordination, (d) identify Department and Council arrangements for	DPE Snowy 2.0 Transmission Connection - Out of Hours Protocol Approval Letter dated 11/08/2023 Noise and Vibration Management Plan Appendix A: Out of Hours Work (OOHW) Protocol Out of Hours Request Form OOHW Approval Flowchart	Compliant	The Out-of-Hours Work Protocol was approved by the Planning Secretary on the 11 August 2023 prior to the commencement of works (sighted). The approval letter from the Planning Secretary acknowledges consultation has been undertaken with Snowy Valleys Council (SVC) in the preparation of the Out-of-Hours Work Protocol. Comments from SVC and where they are addressed are included in Section 3 of the Noise and Vibration Management Plan (NVMP). Detailed in the Out-of-Hours Work Protocol includes the provision of an Out of Hours Request form. The Out of Hours Request form provides a documented process for the consideration of works against construction noise, traffic noise and vibration criteria, including the determination of low and high risk activities. An approval process is explained under the OOHW Assessment and Request Form Process and is also presented in the Out of Hurs Work (OOHW) Protocol OOHW Approval Flowchart. Opportunity for Improvement: OOHW flowchart be revised to include notification to SVC, DPHI and NPWS.	

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	approved out of hours work.				
Construction and Decommissioning					
B4.	The Proponent must take all reasonable and feasible steps to minimise the construction, upgrading or decommissioning noise of the development in the locations where the noise is audible to sensitive receivers, including any associated traffic noise.	Utilities Transmission Line Traffic And Transport Management Plan dated 27/09/2023 Noise and Vibration Management Plan dated 27/07/2023 Complaints Register	Compliant	All works undertaken to date have been related to site mobilisation and pre-clearance activities (J. Snape per comms). With all construction related activities being restricted to nominated construction hours. Noise mitigation measures are addressed in the NVMP and Traffic and Transport Management Plan (TTMP). Mitigation measures undertaken onsite include managing truck movement and ensuring machines are not idling (B. Toohey per comms) No complaints have been received during this audit period (J. Snape per comms).	
B5.	The Proponent must implement mitigation measures with the aim of achieving the road traffic noise assessment criteria for land uses from NSW Road Noise Policy (DECCW, 2011).	Utilities Transmission Line Traffic And Transport Management Plan Appendix K Driver Code Of Conduct For Maragle Project dated 27/09/2023	Compliant	The Drivers Code Of Conduct For Maragle Project (sighted) includes measures to reduce noise with the aim of achieving the road traffic noise assessment criteria for land uses from NSW Road Noise Policy (DECCW, 2011). Measures include not queuing or idling on local roads and limiting the use of truck engine braking.	
AIR QUALITY					
B6.	In addition to the performance outcomes, commitments and mitigation measures specified in the EIS, the Proponent must take all reasonable steps to: <ul style="list-style-type: none"> (a) minimise the off-site dust, fume, blast emissions and other air pollutants of the development; and (b) minimise the surface disturbance of the site. 	Soil and Water Management Plan Appendix H Contaminated Land Management Plan dated 24/11/2023 Soil and Water Management Plan dated 24/11/2023 Site Environmental Plans (SEPs) Maragle 330kV Switching Station and 330kV Transmission Line Connections dated 18/10/2023	Compliant	To minimise offsite emissions from the development UGL utilise a predictive forecast management system for noise and air quality as well as a predictive blast modelling program (B. Toohey per comms). Additional measures include the provision of a water cart which is operated on a routine basis (B. Toohey per comms). Furthermore dust mitigation is outlined in Section 5.2.3 of the Contaminated Land Management Plan and Air quality measures are outlined in Section 5.8 of the Soil and Water Management Plan (SWMP). Furthermore as outlined in Section 5.8 of the SWMP disturbed areas are covered with mulch after clearing to minimise wind and water erosion. This was observed on site during the audit site inspection. During the audit it was evident TransGrid alongside UGL have a revised the Project Area with the aim of reducing surface disturbance (GIS files were sighted).	
SOIL AND WATER					
Permanent Spoil Emplacement Areas					
B7.	Apart from the spoil that is provided to the NPWS for use in other parts of the Kosciuszko National Park, Forestry Corporation for use in other parts of State Forest, sent off-site, used to construct temporary or permanent infrastructure for the development or Snowy 2.0 Main Works (in accordance with that infrastructure approval, or used to rehabilitate the site or the Snowy 2.0 Main Works site, the Proponent must ensure that any spoil disposed within Kosciuszko National Park are emplaced in the following emplacement areas: <ul style="list-style-type: none"> (a) Ravine Bay; or (b) GF01; or (c) Lobs Hole; or (d) Tantangara for spoil containing naturally occurring asbestos only. <i>Note: The location of these emplacement areas is shown in the figures in Appendix 2.</i>	Appendix A Spoil Management Plan dated 24/11/2023	Not triggered	Detailed in Section 3.4 of the Spoil Management Plan with emplacements options for Spoil are outlined in Figures 3.1. No spoil has been disposed of during this audit period (J. Snape per comms).	
Spoil Management Plan					
B8.	Prior to the commencement of construction, the Proponent must prepare a Spoil Management Plan to the satisfaction of	Soil And Water Management Plan dated 24/11/2023	Compliant	On the 7 November 2022 TransGrid sought permission to combine the Spoil Management Plan and Water Management Plan. The Planning Secretary approved the request on the 18 November 2023 acknowledging a clear relationship is demonstrated	

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	<p>the Planning Secretary for the development. This plan must:</p> <ul style="list-style-type: none"> (a) be prepared by a suitably qualified and experienced person in consultation with the NPWS, FCNSW, EPA, Water Group, NRAR and DPI; (b) include a description of the measures that would be implemented to: <ul style="list-style-type: none"> i) minimise the spoil generated by the development; ii) maximise the reuse of non-reactive spoil on site and in other parts of the Kosciuszko National Park, Bago State Forest and/or offsite; iii) minimise the water quality impacts of the temporary spoil stockpiles; (c) provide an overarching framework for the management of all spoil generated on site, including the testing, classification, handling, temporary storage, chain of custody and disposal of spoil – that complies with the spoil management requirements in condition B7 above; (d) include a detailed plan for managing the temporary spoil stockpiles of the development, which includes suitable triggers for remedial measures (if necessary) and describes the contingency measures that would be implemented to address any water quality risks; (e) investigating, assessing and managing contaminated land and soils in the development area; (f) investigation, assessing and managing the potential for naturally occurring asbestos, potentially acid forming material and other hazardous materials in the development area; (g) include a detailed plan for managing and the disposal of all the reactive or contaminated spoil generated on site, including the contingency measures that would be implemented if the volumes of this spoil are greater than expected and unsuitable for land disposal; (h) include a program to monitor and publicly report on: <ul style="list-style-type: none"> i) the management of spoil on site; ii) progress against the detailed completion criteria and performance indicators. <p>Following the Planning Secretary's approval, the Proponent must implement the approved Spoil Management Plan.</p>	<p>DPE Approval Letter dated 01/12/2023</p> <p>Combining Management Plan Request Letter dated 18/11/2022</p> <p>Soil And Water Management Plan Appendix A Spoil Management Plan dated 24/11/2023</p> <p>Soil And Water Management Plan Appendix H Contaminated Land Management Plan dated 24/11/2023</p>		<p>between the management plans and was satisfied that the combination meets the requirements of the Schedule 2, Condition C3 (b) of this Approval.</p> <p>The Spoil Management Plan was approved by the Planning Secretary on the 01 December 2023.</p> <p>(a) The Spoil Management Plan was prepared by Whitney Heiniger (NGH Senior Environmental Consultant) and Jane Love (NGH Environmental Management Technical Lead) and was submitted as part of the Soil and Water Management Plan for consultation to NPWS, FCNSW, EPA, Water Group (DPE Water), NRAR and DPI. Consultation is detailed in Section 1.5 of the SWMP.</p> <p>(b)</p> <p>i) Detailed in Section 6.1</p> <p>ii) Reuse of non-reactive spoil onsite is included in Section 6.1.</p> <p>iii) Detailed in Section 6.4</p> <p>(c) Detailed in Section 2.3, Section S2.4 and Section 5.1</p> <p>(d) Detailed in Section 6.4</p> <p>(e) Details in regard to contaminated land are not included in the Spoil Management Plan. Detailed are referenced in the Contaminated Land Management Plan</p> <p>(f) Detailed in Section 3.2 . More detail is included in Section 3.3 of the Contaminated Land Management Plan.</p> <p>(g) Detailed in Appendix F Lining Procedure</p> <p>(h) Spoil Management is detailed in Section 6 but lacks detail in explaining how the management of spoil and the progress against the detailed completion criteria and performance indicators would be publicly reported.</p> <p>Recommendation: It is recommended Section 6.1 of the Spoil Management Plan be revised to include details of the reuse of non-reactive spoil in other parts of the Kosciuszko National Park, Bago State Forest and/or offsite.</p> <p>Recommendation: It is recommended Section 6 of the Spoil Management Plan be revised to include details to explain how the management of spoil and the progress against the detailed completion criteria and performance indicators would be publicly reported.</p>	
Water Supply					
B9.	<p>The Proponent must ensure that it has sufficient water for all stages of the development, and if necessary, adjust the scale of the development to match its available water supply.</p> <p><i>Note: Under the Water Act 1912 and/or the Water Management Act 2000, the Proponent is required to obtain the necessary water licences for the development.</i></p>	<p>Soil And Water Management Plan dated 24/11/2023</p> <p>NRAR Notice of Decision (Application number D1022298)</p> <p>NRAR Notice of Decision (Application number</p>	Compliant	<p>The estimated water use for the life of construction is approximately 40 ML from Paddys River and 20ML of process water from FGJV Main Works at Lobs Hole.</p> <p>UGL currently hold two WAL including</p> <ul style="list-style-type: none"> • WAL44782 • WAL44788. <p>All water extraction will be recorded in the Project Water Take Register attached as Appendix G of the Soil and Water</p>	

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		D1022297)		Management Plan.	
Erosion and Sedimentation					
B10.	<p>The Proponent must:</p> <ul style="list-style-type: none"> (a) minimise erosion and control sediment generation; (b) take all reasonable and feasible measures to prevent a discharge to waters. This may include, but need not be limited to: <ul style="list-style-type: none"> i) adopt enhanced erosion and sediment controls, taking into consideration the best available information from the Snowy 2.0 Main Works project; ii) minimising the volume of dirty water generated onsite; and iii) exploring and implementing beneficial reuse opportunities such as irrigation and dust suppression. 	<p>Soil And Water Management Plan dated 24/11/2023</p> <p>330Kv Maragle Transmission line Access tracks and pads PESCP – East dated 01/03/2024</p> <p>330Kv Maragle Transmission line Access tracks and pads PESCP - West dated 04/03/2024</p>	Compliant	<p>(a) An Erosion and Sediment Control Plan (ESCP) (sighted) has been prepared for the Project and is incorporated within the Soil and Water Management Plan. The ESCP documents the planned measures to minimise erosion and control sediment generation.</p> <p>(b)</p> <p>i) ESCP’s (sighted) shown to consider best available information from Snowy 2.0 Main Works Project. The ESCP’s have been designed to use “better than Blue Book” erosion and sediment controls which means the use of enhanced ground cover throughout the construction of the project to minimise “open” disturbed areas (per comms A. Dwyer).</p> <p>ii) Detailed in Section 5.5 of the Soil and Water Management Plan no groundwater dewatering is anticipated to occur during works, and it is noted that no groundwater is permitted to be discharged to watercourses.</p> <p>iii) Water Reuse is detailed in Section 5.6 of the Soil and Water Management Plan. TransGrid have explored the idea to reuse water for dust suppression and consulted their approach with BCD however was not approved as BCD has concerns the water could potentially smother vegetation (J. Snape per comms)</p>	
Pollution of Waters					
B11.	Unless otherwise authorised by an EPL the Proponent must ensure the development does not cause any water pollution, as defined under Section 120 of the POEO Act.	<p>EPA Correspondence Email dated 26/02/2024</p> <p>Incident Notification Report – Turbid Water 22/02/2024</p> <p>TransGrid Notification Email dated 21/02/2024</p>	Compliant	<p>During the audit period one incident was reported involving the discharge of turbid water that had the potential to cause water pollution, however following investigations and reporting to the EPA it was found not to have caused water pollution as defined under Section 120 of the POEO Act.</p> <p>An overview of the incident is provided below:</p> <p>A localised heavy rainfall event of approximately 20 mm over a period of 10 minutes impacted the Elliott Way intersection upgrade work site at approximately 4:00 pm on Wednesday 21 February 2024. Turbid water was observed discharging from a culvert located on the northern side of Elliott Way opposite the work site approximately 180 m south of Yorkers Creek, situated outside of the approved Project boundary.</p> <p>Notifications to DPHI and NPWS was sent on the 21 February 2024 (sighted) with a report being sent to the EPA detailing the event on the 22 February 2024 (sighted). Correspondence from EPA dated 26 February 2024 (sighted) detailing no further actions were required.</p>	
B12.	<p>The Proponent must:</p> <ul style="list-style-type: none"> (a) ensure that appropriate components of the substation are suitably bunded; (b) ensure that all liquid waste captured by the substation’s spill oil containment system is classified, transported, and disposed of at a facility that can lawfully accept the waste; and (c) minimise any spills of hazardous materials or hydrocarbons and clean up any spills as soon as possible after they occur. 	<p>Soil And Water Management Plan Appendix B Spil Response Procedure dated 24/11/2023</p>	Compliant	<p>(a) The construction of the substation has not commenced during this audit period.</p> <p>(b) A Spill Response Procedure is included in Appendix B in SWMP.</p> <p>(c) During the site inspection it was observed hazardous materials/hydrocarbons were stored within a bunded storage container.</p>	
B13.	The Proponent must ensure that any groundwater dewatering activities do not discharge to watercourses.		Not triggered	No dewatering has been undertaken onsite (J. Snape per comms).	
Riparian Areas					
B14.	<p>The Proponent must ensure:</p> <ul style="list-style-type: none"> (a) all activities on waterfront land are constructed in accordance with the Guidelines for Controlled Activities on Waterfront Land (2012), unless DPE Water agrees otherwise; and (b) the geomorphic condition of the major rivers and distributary channels crossed by the development is not impacted. 		Not triggered	No construction works have commenced on waterfront land during this audit period (J. Snape per comms).	

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Flooding					
B15.	<p>The Proponent must ensure that the development:</p> <ul style="list-style-type: none"> (a) does not materially alter the flood storage capacity, flows or characteristics in the development area or off-site; and (b) is designed, constructed and maintained to reduce impacts on surface water, localised flooding and groundwater at the site, unless otherwise agreed by either FCNSW or NPWS. 		Not Triggered	The design of waterway crossings has not been finalised during this audit period. Site access limitations have impacted the ability of the Project Team to undertake geotechnical works and site investigations which will influence the design of any required waterway crossings (J. Snape per comms). Design of waterway crossings be confirmed during next audit once design works have been prepared.	
Water Management Plan					
B16.	<p>Prior to the commencement of construction, the Proponent must prepare a Water Management Plan for the development to the satisfaction of the Planning Secretary. This sub-plan must:</p> <ul style="list-style-type: none"> (a) be prepared by a suitably qualified and experienced person in consultation with the EPA, FCNSW, NPWS, the Water Group and NSW DPI; (b) include provisions for: <ul style="list-style-type: none"> i) detailed baseline data on surface water flows and quality in the watercourses that could be affected by the development, and a program to augment this baseline data over time; ii) detailed criteria for determining surface water impacts of the development (flows, quality and flooding), including criteria for triggering remedial action (if necessary); and iii) a description of the measures that would be implemented to minimise the surface water impacts of the development and comply with the relevant water management requirements in conditions B10 to B15 are complied with; and (c) managing flood risk during construction. <p>Following the Planning Secretary’s approval, the Proponent must implement the Water Management Plan.</p>	<p>Soil And Water Management Plan dated 24/11/2023</p> <p>DPE Approval Letter dated 01/12/2023</p> <p>Emergency Plan dated 30/08/2023</p>	Compliant	<p>The Water Management Plan (SWMP) was approved by the Planning Secretary on the 01 December 2023.</p> <p>(a) The SWMP was prepared by Whitney Heiniger (NGH Senior Environmental Consultant) and Jane Love (NGH Environmental Management Technical Lead) and was submitted for consultation to EPA, FCNSW, NPWS, the Water Group (DPE Water) and NSW DPI. Consultation is detailed in Section 1.5 of the SWMP.</p> <p>(b) The SWMP includes the following required elements of the Water Management Plan:</p> <p>i) Detailed baseline data on surface quality in the watercourses is addressed within Appendix F – Water Quality Monitoring Program which details a plan for the completion of 2 years of pre-construction water quality monitoring commencing in March 2022. Detailed baseline data on surface water flows does not appear to have been collected and provision for a surface water flow monitoring program has not been incorporated within the SWMP.</p> <p>ii) Detailed criteria for determining surface water quality impacts of the development are included in Appendix F of the SWMP. Trigger Action Response Plans are included in Appendix C of the SWMP. It is noted that the existing Water Quality Monitoring Program (WQMP) includes provisions to amend the WQMP to incorporate site specific water quality monitoring trigger values at the completion of the baseline monitoring however this has not been undertaken.</p> <p>iii) A description of the measures that would be implemented to minimise the surface water impacts of the development are incorporated in Section 5 of the SWMP and Appendix D of the SWMP.</p> <p>(c) Management of flood risk during construction is detailed within the Emergency Plan.</p> <p>Recommendation: Condition B15 requires the Proponent to ensure that the development does not materially alter flows within the development area or off site. Without baseline surface flow monitoring data, demonstrating compliance with this condition will be challenging. Baseline surface water flow monitoring is recommended to demonstrate compliance with both condition B15 and B16.</p> <p>Recommendation: Now that two years of baseline surface water quality monitoring data is available it is recommended that the WQMP be updated to incorporate site specific water quality monitoring trigger values.</p>	
BIODIVERSITY					
Restrictions on Clearing and Habitat					
B17.	<p>Unless otherwise agreed with the Planning Secretary, the Proponent must:</p> <ul style="list-style-type: none"> (a) ensure that no more than: <ul style="list-style-type: none"> i) 9.35 ha of <i>Caladenia montana</i> species habitat ii) 89.06 ha of Gang-gang Cockatoo (breeding) species habitat iii) 10.86 ha of Masked Owl (breeding) species habitat iv) 117.29 ha of Eastern Pygmy-possum species habitat v) 59.03 ha of Yellow-bellied Glider species habitat; and vi) 1.67 ha of Booroolong Frog species habitat 	Biodiversity Management Plan dated 22/11/2023	Compliant	<p>To ensure vegetation is only cleared within the limits specified by this Approval, a staged clearing permit system has been implemented by TransGrid. Staged clearing areas are delineated on digital maps and physically with ropes (sighted) which provide a physical perimeter. This aims to ensure vegetation and habitat is not accidentally cleared or damaged outside of the relevant approved staged clearing permit area (B. Toohey per comms).</p> <p>Vegetation clearing had commenced at the time of this audit period. Clearing activities began on the 8 March 2024. No clearance has occurred outside approved limits during this reporting period (J. Snape per comms).</p> <p>Impacts to vegetation were minimised during the detailed design of the project area through the revision of spatial data and resulted in a 1.83 hectare reduction (sighted).</p> <p>During the audit ecologists were observed on site supervising tree felling and completing pre-clearing surveys for threatened species. The individual marking of hollow-bearing trees and retention of large bearing trees for ‘limb by limb’ removal was sighted. The delineation of no-go areas to minimise impacts to native vegetation and key habitat was also observed.</p>	

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	vii) is cleared for the development; and (b) minimise: i) the impacts of the development on hollow-bearing trees; ii) the impacts of the development on threatened species; and iii) the clearing of native vegetation and key habitat.				
Biodiversity Offset Package					
B18.	<p>Prior to carrying out any development that would impact on biodiversity values outside Kosciuszko National Park, the Proponent must prepare a Biodiversity Offset Package (Package) that is consistent with the EIS, in consultation with BCS, to the satisfaction of the Planning Secretary in writing. The Package must include, but not necessarily be limited to:</p> <ul style="list-style-type: none"> (a) details of the specific biodiversity offset measures to be implemented and delivered in accordance with the EIS; (b) the cost for each specific biodiversity offset measures, which would be required to be paid into the Biodiversity Conservation Fund if the relevant measures is not implemented and delivered (as calculated in accordance with Division 6 of the Biodiversity Conservation Act 2016 (NSW)) and the offset payment calculator that was established as of 9 August 2021; (c) the timing and responsibilities for the implementation and delivery of measures required in the Package; and (d) confirmation that the biodiversity offset measures will have been implemented and delivered by no later than 1 September 2024. <p>Following approval, the Proponent must implement and deliver the Biodiversity Offset Package.</p>	DHPI Approval Letter dated 13/10/2023 Snowy 2.0 Transmission Connection Project Biodiversity Offset Package dated August 2023 Team Binder Re: B18, B19 & B20 Biodiversity Offset Package 13 March 2024 BCF Calculations EMM Consulting Email dated 2/05/2024	Compliant	<p>The Snowy 2.0 Transmission Connection Project Biodiversity Offset Package (BOP) was prepared by EMM (2023) and finalised in August 2023. The BOP has been prepared in consultation with the BCS. A briefing was provided to BCS in December 2022. The BOP was approved by the Planning Secretary on the 13 October 2023.</p> <p>(a) The BOP complies with condition B18(a). (b) The cost for each specific biodiversity offset measure was included in a subsequent email provided by EMM Consulting. However to align with this condition it would be beneficial to include the cost of each specific measure in a revised BOP. (c) Table 4.1 of the BOP identifies that implementation of the biodiversity offset measures will be achieved by the end of Q3 2024. The BOP should be updated to reflect delivery by no later than 1 September 2024. (d) TransGrid are in consultation with Snowy Hydro 2.0 in regard to the status of the implementation of the BOP (sighted email correspondence dated 13 March 2024), no status update was available at the time of the audit. This will be further assessed during the next audit period.</p> <p>Recommendation: It is recommended for completeness the BOP be revised to include additional details of how the cost for each specific biodiversity offset measure was calculated.</p>	
B19.	<p>Prior to carrying out any development outside of the Kosciuszko National Park that could impact the biodiversity values requiring offset, the Proponent or its nominee must lodge a bank guarantee with a total value of \$24,869,236, in accordance with the Deed of Agreement with the Planning Secretary executed on 1 September 2022. The Proponent must comply with the terms of the Deed.</p> <p>Note: this condition provides security to the Minister for the performance of the Proponent’s obligations under this approval in relation to biodiversity offsets and release funds for payment into the Biodiversity Conservation Trust in the event that the biodiversity offsets (either in whole or part) are not delivered in accordance with the Package by the Proponent.</p>	Receipt of Bank Guarantee – Snowy 2.0 Transmission Connection Project (SSI-9717) dated 27/09/2023	Compliant	On 26 September 2023, the Department of Planning and Environment (Department) received a bank guarantee (sighted) in the amount of \$24,869,236.00 as security for the performance of obligations relating to biodiversity offsets.	
Biodiversity Offset Package (Kosciuszko National Park)					
B20.	<p>Prior to carrying out any development that could impact the biodiversity values inside Kosciuszko National Park, the Proponent or its nominee must pay \$10,586,027 to the NPWS to offset the residual biodiversity impacts.</p> <p>Notes:</p>	Transgrid Remittance Advice Notification Correspondence dated 26/09/2023	Compliant	Detailed in correspondence sent from Transgrid to the DCCEEW confirmed payment of \$10,586, to NPWS.	

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	<ul style="list-style-type: none">The NPWS will use these funds and any interest generated by these funds to enhance the biodiversity values of the Kosciuszko National Park. However, in limited circumstances where it is not possible to address all of the residual impacts of the development within Kosciuszko National Park, the NPWS may use some of these funds to ensure suitable conservation actions are carried outside the park.To ensure accountability, the NPWS will:<ul style="list-style-type: none">develop and implement a detailed program for the allocation of these funds to specific projects, focusing on the ecosystems and species affected by the development; andmonitor, evaluate and publicly report on the progress of the implementation of the detailed program and the effectiveness of the specific projects;The NPWS will develop and implement a specific program in consultation with DCCEW and BCS to carry out conservation actions to address the residual biodiversity impacts of the development on the following Commonwealth listed species and communities:<ul style="list-style-type: none">Booroolong Frog.				
Biodiversity Management Plan					
B21.	<p>Prior to carrying out any development that could impact biodiversity values, unless the Planning Secretary agrees otherwise, the Proponent must prepare a Biodiversity Management Plan for the development to the satisfaction of the Planning Secretary. This plan must:</p> <ul style="list-style-type: none">(a) be prepared by a suitably qualified and experienced biodiversity expert/s in consultation with NPWS, BCS, FCNSW and DCCEEW;(b) be prepared in accordance with the Biodiversity Development Assessment Report (Revision 7, dated 22 August 2022);(c) include a description of the measures that would be implemented to:<ul style="list-style-type: none">i) ensure the development does not adversely affect the native vegetation and habitat outside the disturbance footprint;ii) minimise the clearing of native vegetation and habitat within the disturbance area;iii) minimise the impacts of the development on threatened flora and fauna species within the disturbance area and its surrounds, including the:<ul style="list-style-type: none"><i>Caladenia montana</i>;Gang-gang Cockatoo;Masked Owl;Eastern Pygmy-possum;Yellow-bellied Glider; andBooroolong Frog	<p>Biodiversity Management Plan (dated 22/11/2023) DPE Approval Letter dated 01/12/2023 Squirrel Glider Notification Email dated 09/02/2024 Squirrel Glider Species Observation Form dated 08/02/2024 <i>Thesium austral</i> Notification Email dated <i>Thesium austral</i> Species Observation Form dated 31/01/2024 <i>Thesium austral</i> Confirmation Email dated 14/02/2024</p>	Compliant	<p>Prior to carrying out any development that could impact biodiversity values the Biodiversity Management Plan (BMP) as prepared and approved by the Planning Secretary on the 01 December 2023.</p> <p>(a) The BMP was prepared by suitably qualified and experienced biodiversity expert/s. The BMP was prepared by Jane Love (NGH Technical Lead - Environmental Management), Whitney Heiniger (NGH Senior Environmental Management Consultant), Dimity Bambrick (NGH Ecologist), Michelle Patrick (NGH Technical Lead – Biodiversity) and Olivia Merrick (Principal Environmental Compliance). Relevant experience and qualifications of authors are detailed in Section 1.4 of the BMP.</p> <p>The BMP was prepared in consultation with NPWS, BCS, FCNSW and DCCEEW. Consultation of relevant agencies is outlined in Section 1.5.</p> <p>(b) The BMP has been prepared in accordance with the Biodiversity Development Assessment Report (Revision 7, dated 22 August 2022), with relevant BDAR mitigation measures consolidated into Table 2.2 of the BMP.</p> <p>(c)</p> <p>i) Measures to ensure the development does not adversely affect the native vegetation are included in Section 5.4 (Project Boundary and Exclusion Zones) and Section 5.5 (Clearing Protocols and Habitat Protection).</p> <p>ii) Measures to ensure the development does not adversely affect the native vegetation are included in Section 5.3 (Detailed Design) and Section 5.5 (Clearing Protocols and Habitat Protection).</p> <p>iii) Measures to minimise the impacts of the development on threatened flora and fauna species within the disturbance area are outlined below:</p> <ul style="list-style-type: none">Measures to reduce impacts on <i>Caladenia montana</i> are included in Appendix B Clearing Procedure. Some measures include hand clearing will be undertaken in the demarcated <i>Caladenia montana</i> areas, to reduce impacts on the individuals.Measures to reduce impacts on Gang-Gang Cockatoo are included in Appendix B Clearing Procedure. Some measures include Assessment of HBTs for Gang-gang CockatoosMeasures to reduce impacts on Masked Owls are included in Appendix B Clearing Procedure. Some measures include Assessment of HBTs for OwlsMeasures to reduce impacts on Eastern Pygmy-possum are included in Appendix B Clearing Procedure. Some measures include nest tree buffers and stage clearing measures during pre-clearance.Measures to reduce impacts on the Yellow bellied Glider are included in the Yellow bellied Glider Connectivity Strategy outlined in Section 5.12 and included as Appendix KMeasures to reduce impacts on the Booroolong frog are included in Section 5.9 and included in Appendix G. <p>iv) The BMP does not have a specific section which outlines measures for minimising indirect impacts. However measures to</p>	

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Condition No.	Requirement	Evidence Collected	Compliance Status	Independent Audit Findings and Recommendations	Unique ID on NC
	<div> <div>iv)</div> <div>minimise the potential indirect impacts on threatened flora and fauna species, migratory species and ‘at risk’ species;</div> </div> <div> <div>v)</div> <div>minimise potential fauna strike in sensitive habitat areas on the road network within the site, including reducing speed limits between sunset and sunrise;</div> </div> <div> <div>vi)</div> <div>minimise the impacts on fauna on site, including undertaking pre-clearance surveys;</div> </div> <div> <div>vii)</div> <div>protect native vegetation and key fauna habitat outside the approved disturbance area;</div> </div> <div> <div>viii)</div> <div>monitor the areas of partial clearance within three months of the commencement of construction and provision of a verification report to confirm if any changes are required to the construction vegetation clearing protocols;</div> </div> <div> <div>ix)</div> <div>maximise the salvage of resources within the disturbance area for reuse in the restoration of vegetation and habitat on site, including native vegetative material, hollow logs, ground timber, and topsoil containing vegetative matter and native seed bank;</div> </div> <div> <div>x)</div> <div>collect seeds within the approved disturbance area for use in the ecological rehabilitation of the site;</div> </div> <div> <div>xi)</div> <div>minimise the spread of weeds, pathogens and feral pests on site, and import or export of these matters to or from the site;</div> </div> <div> <div>xii)</div> <div>minimise the generation and dispersion of sediment to watercourses, particularly the Sheep Station Creek, Lick Hole Gully, Cave Gully, Wallaces Creek and Yarrangobilly River;</div> </div> <div> <div>xiii)</div> <div>minimise the light spill from night works, including using directional and LED lighting; and</div> </div> <div> <div>xiv)</div> <div>minimise bushfire risk.</div> </div> <div> <div>(d)</div> <div>include construction clearing and operation vegetation management protocols</div> </div> <div> <div>(e)</div> <div>include a strategy to address: <div> <div>i)</div> <div>management of activities within the 50 m exclusion zone of the Yarrangobilly River and its tributaries;</div> </div> <div> <div>ii)</div> <div>a trigger action response plan identifying actions to be implemented should any water quality criteria be exceeded focusing on the extent to which exceedances might affect the Booroolong Frog; and</div> </div> </div> </div> <div> <div>(f)</div> <div>include a program to monitor, evaluate and publicly report on the effectiveness of these measures.</div> </div> <div> <div>Following the Planning Secretary’s approval, the Proponent must implement the Biodiversity Management Plan.</div> </div>			<div> <div>minimise indirect impacts are generally addressed throughout the report e.g. Section 4.2.</div> <div>v) Included in BMP Table 5-3</div> <div>vi) Mitigation measures are included in Section 5 of the BMP. Specifically, procedures relating to pre-clearance works are included in Appendix B.</div> <div>vii) Included in Section 5.4 Project Boundary And Exclusion Zones</div> <div>viii) The BMP was reviewed and details of quarterly partial clearance area monitoring requirements were not found. Further information is required to confirm compliance.</div> <div>ix) Included in Appendix B Clearing Procedures and Appendix E Seed Collection Methodology</div> <div>x) Included in Appendix E Seed Collection Methodology</div> <div>xi) Included in Appendix H Weed And Pathogen Control Monitoring Program and Appendix I Pest And Predator Monitoring Program</div> <div>xii) Soil and water management is included in Section 5.8. It does not include specific measures to address Sheep Station Creek, Lick Hole Gully, Cave Gully, Wallaces Creek and Yarrangobilly River. It does provide general overview of the Soil and Water Management System and general mitigation measures which could be applicable to the identified watercourses.</div> <div>xiii) Included in Table 5.3</div> <div>xiv) Bushfire risk is considered in clearance procedure outlined in Appendix B. Measures includes ensuring coarse woody debris (like felled timber or habitat trees) will not be placed under the conductors, or near towers due to the safety and bushfire risks</div> <div>(d) Construction clearing protocols are included in Appendix B while a Vegetation Management Plan is being prepared and is not required until 12 months from the commencement of construction, as per Planning Secretary Approval.</div> <div>(e)</div> <div>i) Included in Appendix B – Flagging Protocol</div> <div>ii) Included in Appendix G Booroolong Frog Monitoring Program - Appendix A Trigger Action Response Plans</div> <div>(f) Included in Sections 6.3 and 6.4 and Appendix F.</div> <div>Evidence of implementation of the BMP was observed during the audit inspection.</div> <div>During this audit period, two unexpected finds were reported. Unexpected finds included: <ul style="list-style-type: none"> Potential <i>Thesium australe</i> was observed near the pad designated for Tower 4 on the 31 January. Notifications were sent from the ecologists to UGL reporting the unexpected find as in accordance with Appendix D Unexpected Threatened Species Procedure. UGL reported the finds to Transgrid where further notifications were sent to NPWS on the 7 February 2024. However after further analysis it was later confirmed the species was not <i>Thesium australe</i>. This was then communicated to NPWS through email correspondence dated 14 February 2024. No further consultation was required. Four Squirrel Gliders (<i>Petaurus norfolcensis</i>) were observed at dusk on a tree located within the footprint of the Substation (8 February 2024). Notifications were sent from the ecologists to UGL reporting the unexpected find as in accordance with Appendix D Unexpected Threatened Species Procedure. UGL reported the find to Transgrid where a further notification was sent to FCNSW on the 9 February 2024. A 30 m exclusion zone has been set up surrounding the tree to ensure it is protected against disturbance (J.Snape per comms). At the time of the audit Transgrid were in the process of preparing an assessment of the unexpected find with consultation with BCD, NPWS, and DCCEEW soon to follow. </div> </div>	

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Condition No.	Requirement	Evidence Collected	Compliance Status	Independent Audit Findings and Recommendations	Unique ID on NC
HERITAGE					
Protection of Heritage Items					
B22.	<p>The Proponent must ensure the development does not cause any direct or indirect impacts on:</p> <p>(a) any Aboriginal heritage items located outside the approved construction envelope (see Appendix 3); and</p> <p>(b) any of the historic heritage items outside the construction envelope (see Appendix 3).</p>	<p>HSEQ Toolbox – Clearing procedure and Requirements dated 08/03/2024</p> <p>Site Environmental Plans</p>	Compliant	<p>During the site inspection it was observed UGL have established boundary fencing around specific heritage items/Aboriginal sites which have been demarcated by colour-specific rope and appropriate signage. Proximal heritage items/Aboriginal sites are discussed in toolbox talks (sighted), included on Site Environmental Plans (sighted) and Aboriginal site representatives are engaged prior to clearance and/or ground disturbing activities (B. Toohey per comms).</p> <p>During this audit period no Aboriginal objects or historic heritage items outside of the approved construction envelope have been impacted (J. Snape per comms).</p>	
B23.	<p>Prior to carrying out any activity that could harm heritage items, the Proponent must:</p> <p>(a) salvage and relocate all heritage items identified for salvage and relocation to a suitable alternative location, in accordance with the Code of Practice for Archaeological Investigation of Aboriginal Objects in NSW (DECCW, 2010);</p> <p>(b) undertake archival recording, test excavation and/or salvage of the historic items listed in Table 5 and Table 7 of Appendix 3 if these items are to be affected by the development.</p>	<p>Maragle Switching Station and Transmission Line Connection Works Site Collection Report dated March 2024</p> <p>Maragle Switching Station and Transmission Line Connection Works Post Approvals Historic Management Actions Report (Draft) by Navin Heritage Consultants dated March 2024</p>	Compliant	<p>(a) During this audit period heritage clearance activities have been completed in the following areas:</p> <ul style="list-style-type: none"> Survey Parcel E38- E44 (Track 6, Tower 5 and easement) and Survey Parcel E45-E52 (Track 7, Tower Pad 4 and easement) (March 2024) for Aboriginal sites ‘Tr5 AS’ (AHIMS ID @#56-6-0556) and ‘Ravine SU17/L1’ (AHIMS ID #56-6-0477) Access Track 8, Tower 2, 3 & Associated Easement) Survey Parcel E37-E38 (Access Track 6a & Tower Pad 6 (March 2024) for Aboriginal sites/areas of Potential archaeological deposit (PAD) ‘ST PAD 01’ (encompassing AHIMS ID #56-6-0009, #56-6-0495, #56-6-0496 and #56-6-0497) and ‘ST PAD 02’ (AHIMS ID #56-6-0555). <p>A program of surface collection was completed for associated Aboriginal sites and reported in Maragle Switching Station and Transmission Line Connection Works Site Collection Report (sighted) in accordance with Aboriginal Heritage Management Plan.</p> <p>(b) Prior to carrying out activities that could potentially harm historic items listed in Table 5 and Table 7 of Appendix 3, further assessments was undertaken by Navin Hertiage Consultants to determine management actions. Detailed in Section 6 of the Post Approvals Historic Management Actions Report archival recordings were only required to be undertaken R56 and R120. Archival records are included in Appendix 3 of the Post Approvals Historic Management Actions Report.</p>	
Heritage Management Plan					
B24.	<p>Prior to carrying out any development that could directly or indirectly impact the heritage items identified in Appendix 3, the Proponent must prepare a Heritage Management Plan for the development to the satisfaction of the Planning Secretary. This plan must:</p> <p>(a) be prepared in consultation with Heritage Council, Heritage NSW, NPWS and Aboriginal Stakeholders;</p> <p>(b) include a description of the measures that would be implemented for:</p> <p>i) protecting the heritage items identified in Table 1 of Appendix 3, including fencing off the heritage items (where required) prior to carrying out any development that could harm the heritage items, and protecting any items located outside the approved construction envelope;</p> <p>ii) salvaging and relocating the heritage items identified in condition B23;</p> <p>iii) where impacts cannot be avoided to R56 and R120, details of the proposed archaeological research design and excavation methodology, and findings of the Final Archaeological Excavation Report, in accordance with the relevant Heritage Council guidelines;</p> <p>iv) minimising and managing the impacts of the development on heritage items within the construction envelope, including a strategy for the long-term management of any heritage items or material collected during the test excavation or salvage works;</p> <p>v) a contingency plan and reporting procedure if:</p>	<p>DPE Approval Letter dated 17/08/2023</p> <p>Heritage Management Plan dated 10/08/2023</p> <p>Historic Heritage Management Plan dated 10/08/2023</p> <p>Aboriginal Heritage Management Plan dated 02/08/2023</p> <p>Cultural Heritage Induction Register (sighted)</p> <p>Narvin Heritage Consultants Unexpected Find Email Correspondence dated 07/03/2024, 13/03/2024</p> <p>UGL to Transgrid Unexpected Find Email Correspondence dated 07/03/2024</p> <p>Heritage NSW Unexpected Find Email Correspondence dated 12/03/2024</p>	Compliant	<p>Prior to the carrying out any development that could directly or indirectly impact the heritage items identified in Appendix 3, a Heritage Management Plan was prepared and approved by the Planning Secretary on the 17/08/2023.</p> <p>(a) The Planning Secretary acknowledges that consultation with Heritage Council, Heritage NSW, NPWS and Aboriginal Stakeholders had been undertaken in preparation of the management plan. Consultation details is provided in Section 3 in the Aboriginal Management Plan and Historic Heritage Management Plan respectively.</p> <p>(b)</p> <p>i) Included in Section 6.1 and Section 6.2 in the Historic Heritage Management Plan</p> <p>ii) Included in Section 6.1 in the Historic Heritage Management Plan and Aboriginal Cultural Heritage Management Plan</p> <p>iii) Included as Appendix E Archaeological Research Design & Excavation Methodology</p> <p>iv) Included as Appendix B Salvage Methodology in the Aboriginal Heritage Management Plan</p> <p>v) Included in Appendix C Unexpected Finds Procedure in the Aboriginal Heritage Management Plan, Appendix C Historic heritage New Find and Appendix B of the Historic Heritage Management Plan</p> <p>vi) Included in Section 7.2 of both the Historic Heritage and Aboriginal Heritage Management Plan</p> <p>vii) Ongoing consultation with Aboriginal stakeholders is included in Section 6.7 of the Aboriginal Cultural Heritage management Plan</p> <p>(c) A program to monitor and publicly report on the effectiveness of historic heritage measures and any historic heritage impacts of the development is outlined in Table 6-2, Section 7.3, 7.4 and 7.5 of the Historic Heritage management plan. Whereas A program to monitor and publicly report on the effectiveness of cultural heritage measures is include4d in Table 6-1, Section 7.3, 7.4 and 7.5 in the cultural heritage management plan.</p> <p>(d)</p> <p>i) Included in Section 7.3</p> <p>ii) The findings of salvage works will be published as outlined in Section 6.1 and Appendix B of the Aboriginal Cultural Heritage Management Plan.</p> <p>During this audit period, an unexpected find was confirmed during pre-clearance works within tower 6 pad area on the 07 March 2024. Notifications were sent to UGL reporting the unexpected find as in accordance with Appendix C Unexpected Finds Procedure. Notifications were also sent Navin Heritage Consultants on the 7 March 2024 (sighted) and Heritage NSW on the 12 March 2024 (sighted). Additionally Transgrid received confirmation from Navin Heritage Consultants on the 13 March (sighted) indicating the find had occurred outside the disturbance area and has been fenced appropriately. Navin Consultants also noted works could proceed in the area of the find but should take note of the fenced area.</p>	

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	<ul style="list-style-type: none"> heritage items outside the approved construction envelope are damaged; previously unidentified heritage items are found; or Aboriginal skeletal material is discovered; vi) ensuring workers on site receive suitable heritage inductions prior to carrying out any development on site, and that records are kept of these inductions; and vii) ongoing consultation with Aboriginal stakeholders during the implementation of the plan; and (c) include a program to monitor and publicly report on the effectiveness of these measures and any heritage impacts of the development; and (d) include a program to publish; <ul style="list-style-type: none"> i) any detailed archival records required under the conditions of this approval; and ii) the findings of any excavations and salvage works. Following the Planning Secretary's approval, the Proponent must implement the Heritage Management Plan.				
TRAFFIC AND TRANSPORT					
Designated Heavy and Heavy Vehicles Requiring Escort Routes					
B25.	All heavy vehicles requiring escort associated with the development must only travel to and from the site via the Primary Access Routes described in the EIS, as identified in the figure in Appendix 4, unless the Planning Secretary agrees otherwise. Note: The Proponent is required to obtain relevant permits under the Heavy Vehicle National Law (NSW) for the use of over-dimensional vehicles on the road network.	Utilities Transmission Line Traffic And Transport Management Plan (dated 7 August 2023)	Compliant	All heavy vehicles escorted during the reporting period only used approved haulage routes (B. Toohey per comms). Details of heavy vehicles requiring escort and haulage routes are detailed in Section 9.1 of the Transport Management Plan with haulage routes identified in Figure 4 in Appendix A of the Traffic Management Plan.	
B26.	All heavy and light vehicles associated with the development: <ul style="list-style-type: none"> (a) must travel to and from the site via the Primary Access Route described in the EIS, as identified in the figure in Appendix 4; and (b) may travel to and from the site via the Secondary Access Routes and Water Supply Routes, subject to the requirements in condition B31, to the satisfaction of the relevant roads authority/manager. unless the Planning Secretary agrees otherwise.	Utilities Transmission Line Traffic And Transport Management Plan (dated 7 August 2023) Lobs Hole to Maragle 330kV Transmission Line & Switching Station Induction Presentation dated 13/12/23	Compliant	Approved routes are shown in Figure 4 in Appendix A of the Traffic Management Plan. Direction to only travel only approved roads is also included in the UGL Site Induction on slide 15.	
Transport Strategy					
B27.	Prior to commencing construction in Project Area West, the Proponent must prepare a Transport Strategy, in consultation with the relevant roads authority/manager, to the satisfaction of the Planning Secretary, which: <ul style="list-style-type: none"> (a) identifies the location and type of any necessary road upgrades (including roads, intersections, crossing points, bridges and access points), including consideration of relevant amenity impacts; (b) ensures that any road upgrades comply with the Austroads Guide to Road Design (as amended by 	Staging Approval Letter dated 18/11/2022 Transport Strategy Approval Letter dated 15/08/2023 Transport Strategy (Stage 1) dated 7 August 2023 NPWS Email Correspondence 24/04/2023-24/03/2023 Snowy Valley Council Email Correspondence 17/03/2023-	Compliant	TransGrid sought permission to stage the Transport Strategy into two stages. This request was approved by the Planning Secretary on the 18 November2022 (sighted). The Transport Strategy Stage 1 accounts for all activities associated with the construction and operation of infrastructure related to the 330 kV grid connection. The strategy was approved by the Planning Secretary on the 15 August 2023 (sighted) and noted that the strategy has been prepared in consultation with National Parks and Wildlife Service, and Forestry Corporation of NSW. (a) The location and type of any necessary road upgrades is included in Appendix B. Visual amenity impacts are discussed in Section 3.1. (b) All access tracks are designed to comply with the Project's technical specification rather than Austroads Design Guidelines given the access roads are not for public use, excluding the intersection of these access tracks with public roads. FCNSW, NPWS	

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	<p>TfNSW supplements), unless the relevant road authority agrees otherwise;</p> <p>(c) includes a detailed assessment of potential impacts of any necessary road upgrades (such as heritage and biodiversity impacts), including consideration of appropriate mitigation measures;</p> <p>(d) identifies whether intersections, crossing points and access points would be permanent or temporary; and</p> <p>(e) includes measures or notifying, seeking feedback from and addressing the concerns of impacted residents along the route;</p>	<p>20/03/2023</p> <p>Forestry Cooperation Email Correspondence 28/02/2023-4/04/2023</p>		<p>and Council have been consulted about the engineering design of the access roads and associated intersections and the content of this Transport Strategy. In accordance with Condition B27 (b), the three entities have advised that design is acceptable notwithstanding that access track design does not strictly comply with Austroad Design Guidelines (Attachment C).</p> <p>(c) Potential impacts of any necessary road upgrades are included in Table 3.1 and Table 3.2. These tables primarily focus on biodiversity values.</p> <p>(d) Included in Table 3.1 and Table 3.2</p> <p>(e) Included in Section 2.3.2.</p>	
B28.	<p>Prior to commencing construction in Project Area West, the proponent must implement the road upgrades and the mitigation measures identified in the Transport Strategy in condition B27, to the satisfaction of the relevant roads authority/manager.</p>	<p>Road Maintenance Agreement between Transgrid and Snowy Valleys Council– Executed Version dated 19 December 2023</p>	Non-compliant	<p>The Road Maintenance Agreement between Transgrid and Snowy Valleys Council was reviewed during the audit which outlines the agreed proposed road maintenance program.</p> <p>However in reference to this condition it is noted there was no verifiable evidence to support that works undertaken at Elliot Way Intersection was completed to the satisfaction of the relevant roads authority/manager prior to construction activities in Project Area West.</p> <p>Recommendation: It is recommended that Transgrid seek written confirmation from the relevant roads authority/manager that the road upgrades have been completed to their satisfaction.</p>	NC-03
Road Maintenance					
B29.	<p>The Proponent must:</p> <p>(a) undertake an independent dilapidation survey to assess the:</p> <p>i) existing condition of all local roads on the transport route shown in the figure in Appendix 4 (including local road crossings) prior to construction, upgrading or decommissioning works; and</p> <p>ii) condition of all local roads on the transport route (including local road crossing):</p> <ul style="list-style-type: none"> within 1 month of the completion of construction, upgrading or decommissioning works, or within a timeframe agreed to by the relevant roads authority/manager; on an annual basis during construction, or within a timeframe agreed to by the relevant roads authority/manager; <p>(b) repair (or pay the full costs associated with repairing) any damage to local roads on the transport route (including local road crossings):</p> <p>(c) rehabilitate and/or make good any development related damage:</p> <p>i) identified during the construction and/or decommissioning works if it could endanger road safety, as soon as possible after it is identified but within 7 days at the latest, unless the relevant road authority/manager agrees otherwise; and</p> <p>ii) identified in any dilapidation survey completed after the construction, upgrading or decommissioning works within 2 months of the completion of the survey</p>	<p>Maragle Project Tumbarumba to O'Hares Campground NSW Dilapidation Survey Report dated November 2023</p>	Compliant	<p>(a) TransGrid commissioned Madigan Surveying to complete a dilapidation report encompassing the existing conditions between Tumbarumba and O'Hares Campground, New South Wales (Tooma Road and Elliot Way) in November 2023.</p> <p>i) The dilapidation report does not cover all transport routes outlined in Appendix 4 as a result of a stage process to construction being undertaken. Only roads associated with Stage 1 were assessed. As outlined in Section 9.3 of the TTMP once the design for Stage 2 has been finalised, the dilapidation will be revised to include any further local roads.</p> <p>ii) Not triggered during this audit period, construction is still progressing and it has not been a year since commencement.</p> <p>(b) No damage has been caused to local roads on the transport route during this audit period (J. Snape per comms)</p> <p>(c) As above.</p>	

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	to the satisfaction of the relevant roads authority/manager.				
B30.	<p>The Proponent must:</p> <ul style="list-style-type: none"> (a) restrict development-related vehicle speeds on Lobs Hole Ravine Road, Mine Trail Road and within the site to 30 km/h between sunset and sunrise, unless the Planning Secretary agrees otherwise; (b) restrict the use of Elliott Way inside KNP to no more than 8 heavy vehicles per day, for water cartage purposes only from the Snowy Hydro T2 Tailbay site; (c) restrict development-related vessel speeds on Talbingo Reservoir to current TfNSW speed limits. 	Utilities Transmission Line Traffic And Transport Management Plan (dated 27/09/2023)	Compliant	<p>(a) Detailed in Section 10.2 of the TTMP. During the site audit inspection speed signs were observed enforcing the 30km/h speed limit.</p> <p>(b) Detailed in Section 10.2 of the TTMP.</p> <p>(c) Detailed in Section 10.2 of the TTMP.</p>	
Bridge Crossing – Sheep Station Creek					
B31.	<p>The Proponent must ensure that any temporary and the permanent bridge over Sheep Station Creek is designed and constructed to comply with the relevant requirements of the:</p> <ul style="list-style-type: none"> (a) Relevant Austroads Standards (such as elevating them above the 1% AEP flood level); (b) Guidelines for Controlled Activities on Waterfront Land (NRAR, 2018); and (c) Policy and Guidelines for Fish Habitat Conservation (DPI, 2013) and Why do Fish Need to Cross the Road? Fish Passage Requirements for Waterway Crossings (NSW Fisheries, 2003). 		Not triggered	At the time of the audit, the bridge crossing over sheep station creek was undergoing detailed design (A. Dwyer per comms). No designs have been finalised during this audit period.	
Traffic and Transport Management Plan					
B32.	<p>Prior to commencing construction or road upgrades identified in condition B27 (whichever comes first), the Proponent must prepare a Traffic Management Plan for the development in consultation with FCNSW, NPWS, TfNSW, Snowy Valleys Council, Snowy Monaro Regional Council and NSW Police, and to the satisfaction of the Planning Secretary. This plan must include:</p> <ul style="list-style-type: none"> (a) details of the transport route to be used for all development-related traffic; (b) details of the road upgrade works required by condition B27 of this approval; (c) details of the measures that would be implemented to comply with the transport management requirements in conditions B25 to B30 above; (d) details of the measures that would be implemented to: <ul style="list-style-type: none"> i) minimise traffic safety impacts of the development and disruptions to local road users during construction, upgrading or decommissioning works, including: <ul style="list-style-type: none"> • a description of the proposed dilapidation surveys required by condition B29 of this approval; • a description of the proposed measures for managing traffic flow around the work sites, construction compounds and accommodation camp; • scheduling heavy vehicle movements to avoid peak 	<p>Project Staging Approval From DPE dated 18/11/2022</p> <p>DPE Approval Letter dated 05/10/2023</p> <p>Traffic And Transport Management Plan dated 27/09/2023</p> <p>Utilities Transmission Line TTMP - Marine Transport Management Plan. Dated 05/09/2023</p>	Compliant	<p>The TTMP has been prepared prior to commencing construction and road upgrades identified in Condition B27. As outlined in Condition the TTMP has adopted a staged approach (sighted).</p> <p>The TTMP was approved by the Planning Secretary on the 05 October 2023 (sighted). The letter of approval acknowledges consultation was undertaken with NPWS and FCNSW in preparation of the management plan. Details of the consultation is included in Section 1.3.</p> <p>(a) Included in Appendix A Traffic Management Plan and Planning Tool</p> <p>(b) Included in Appendix G Turn Out For Elliott Way. It is noted this plan only accounts for Stage 1 works, revisions will be made once Stage 2 design is finalised.</p> <p>(c) Included in Section 9 and Section 10</p> <p>(d)</p> <p>i) Section 5.1</p> <ul style="list-style-type: none"> • Included in Section 9.3 • Included in Section 7 Table 4. • Included in Section 9.1 • Included in Section 7 Table 4. • Included in Section 7 Table 4. • Included in Section 7 Section 10.2 • Included in Section 7 Table 4. • Included in Section 1.1, 5.1 & 5.3 • Included in Section 5.3 • Included in Section 5.1 and 10.2 • Included in Section 5.1 and 10.2 • Detailed in Section 7.1 of the Utilities Transmission Line TTMP - Marine Transport Management Plan. • Included in Section 11 • Included in Section 6 • Details of employee shuttle bus service, including pick-up and drop-off points and associated parking arrangements for construction workers is not included in the Traffic And Transport Management Plan 	

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	<p>periods;</p> <ul style="list-style-type: none"> • minimising convoy lengths; • reducing the speeds of development-related traffic at key intersections along the Snowy Mountains Highway, including the Link Road intersection; • temporary traffic controls, including detours and signage; • procedures for stringing cables and transmission lines across roads and Talbingo Reservoir; • notifying the local community about development-related traffic impacts; • procedures for receiving and addressing complaints from the community about development-related traffic; • minimising potential cumulative traffic impacts with other projects in the area; • minimising potential conflict between development-related traffic and rail services, stock movements and school buses, in consultation with local schools, including preventing queueing on the public road network; • minimising impacts to the public using Talbingo Reservoir and any water related infrastructure such as the O'Hares campground boat ramp; • implementing measures to minimise development-related traffic on the public road network outside standard construction hours; • minimising dirt and debris tracked on to the public road network from development related-traffic; • details of the employee shuttle bus service, including pick-up and drop-off points and associated parking arrangements for construction workers, and measures to encourage employee use of this service; • encouraging car-pooling or ride sharing by employees; • scheduling the haulage vehicle movements to minimise convoy lengths or platoons; • responding to local climate conditions that may affect road safety, such as snow, ice, fog, dust, wet weather and flooding; • ensuring loaded vehicles entering or leaving the site have their loads covered or contained and leave site in a forward direction; • responding to any emergency repair or maintenance requirements; • provisions for maintaining access to the site for FCNWS, NPWS and emergency vehicle access to the site at all times; • a traffic management system for managing over-dimensional vehicles; and • fatigue management; 			<ul style="list-style-type: none"> • Included in Section 9 • Included in Section 10.2 • Included in Appendix D Snow and Ice Traffic Management Plan. • Included in Section 6 Appendix K Driver Code of Conduct for Maragle Project • Included in Section 9.3 • Included in Section 5.2 • Included in Appendix A Traffic Management Plan and Planning Tool • Included as Appendix C Fatigue Management procedure. <p>ii) Included in Section 9.2</p> <p>iii) Included in Section 8.3</p> <p>iv) Included in Section 9.3 in the TTMP and Section 10 of Appendix F Marine Transport Management Plan.</p> <p>(e) Included in Section 8.2</p> <p>(f) Detailed in Section 15 of the Utilities Transmission Line TTMP - Marine Transport Management Plan.</p> <p>(g)</p> <p>i) Included in Appendix E Heavy Vehicle Salvage Plan</p> <p>ii) Included in Appendix K Driver Code of Conduct for Maragle Project</p> <p>iii) Included in Appendix F Marine Transport Management Plan</p> <p>iv) Included in Appendix D Snow & Ice Traffic Management Plan</p> <p>v) Included in Traffic Engagement and Communication Plan included in Section 5.3</p> <p>(h)</p> <p>i) Included in Section 10.3.of the TTMP.</p> <p>ii) Detailed in Section 9.4. Local road access and capacity for residents and regular road users is to be monitored and considered by the Construction Manager in charge of the site when planning all vehicle movements.</p> <p>All heavy vehicle movements will be tracked and recorded using a Heavy Vehicle Movement Register and published in NGER's.</p> <p>iii) Section 10.4 All incidents will be investigated using the UGL Incident Management-Reporting and Investigation Procedure, to enable lessons learned and corrective actions to prevent reoccurrence.</p> <p>Only specifies incidence does not measure effectiveness.</p> <p>Opportunity for Improvement: Appendix C Fatigue Management procedure is revised to reflect Project and remove references to rail.</p> <p>Opportunity for Improvement: Appendix D Snow and Ice Traffic Management Plan is revised to include details of flooding.</p> <p>Recommendation: It is recommended the TTMP be revised to include details of employee shuttle bus service, including pick-up and drop-off points and associated parking arrangements for construction workers.</p>	

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	<div><div><div>ii)</div><div>minimise the impacts of the road and intersection upgrades of the development;</div></div><div><div>iii)</div><div>provide sufficient parking on site for all vehicles and ensure vehicles associated with the development do not park on the public road network;</div></div><div><div>iv)</div><div>maintain all roads and water-related infrastructure on site in a safe and serviceable condition;</div></div><div><div>iii)</div><div>minimise the traffic noise impacts of the development;</div></div><div><div>(e)</div><div>details of the haulage of spoil to be disposed within Kosciuszko National Park in accordance with condition B7;</div></div><div><div>(f)</div><div>ensure any vessel or structure occupying waters must display appropriate shapes and lights in accordance with the Marine Safety (Domestic Commercial Vessel) National Law 2012;</div></div><div><div>(g)</div><div>include a detailed:<div><div>i)</div><div>Heavy Vehicle Salvage Plan;</div></div><div><div>ii)</div><div>Driver’s Code of Conduct;</div></div><div><div>iii)</div><div>Marine Transport Management Plan;</div></div><div><div>iv)</div><div>Snow & Ice Traffic Management Plan;</div></div><div><div>v)</div><div>Communication Strategy to keep the public informed about the impacts of the development;</div></div></div></div><div><div>(h)</div><div>include a program to:<div><div>i)</div><div>ensure drivers working on the development receive suitable training on the code of conduct and any other relevant obligations under the Traffic Management Plan;</div></div><div><div>ii)</div><div>record and track vehicle movements; and</div></div><div><div>iii)</div><div>monitor and publicly report on the effectiveness of these measures.</div></div></div></div><div>Following the Planning Secretary’s approval, the Proponent must implement the Traffic Management Plan.</div></div>				
Long-Term Road Strategy – Kosciuszko National Park					
B33.	<div><div>Within 2 years of the commencement of construction, unless the Planning Secretary agrees otherwise, the Proponent must prepare a Long-Term Road Strategy for the development to the satisfaction of NPWS. This strategy must:</div><div><div>(a)</div><div>identify the road network within the Kosciuszko National Park required for the development during operations, including the detailed specifications for this road network;</div></div><div><div>(b)</div><div>identify which roads within the Kosciuszko National Park can be narrowed or closed following construction and then rehabilitated;</div></div><div><div>(c)</div><div>include a detailed program for the rehabilitation of these roads, which can be incorporated into the Rehabilitation Management Plan for the development;</div></div></div>		Not triggered		

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	<p>and</p> <p>(d) identify future road maintenance and funding responsibilities for the long-term road network following construction.</p> <p>Following NPWS's approval, the Proponent must implement the Long-Term Road Strategy.</p>				
VISUAL AMENITY					
Visual Appearance					
B34.	<p>The Proponent must:</p> <p>(a) take reasonable steps to minimise the visual impacts of the development;</p> <p>(b) ensure all transmission towers blend into the surrounding landscape as far as possible and minimises the potential for glare and reflection by either:</p> <p>i) painting towers with a colour that; and/or</p> <p>ii) pre-dulling towers with a finish that;</p> <p>(c) ensure the visual appearance of ancillary facilities (including paint colours), blends in as far as possible with the surrounding landscape; and</p> <p>(d) not mount any advertising signs or logos on site, except where this is required for identification or safety purposes.</p>	Visual Impact Management Plan dated 7/08/2023	Compliant	<p>(a) TransGrid have committed in taking all reasonable steps to minimise the visual impacts of the development. Mitigation measures are provided in Section 5.2 – 5.8 of the Visual Impact Management Plan. Measures include painting perimeter security fencing.</p> <p>(b) No towers have been built during this audit period.</p> <p>(c) No ancillary infrastructure has been built within this audit period.</p> <p>(d) As outlined in Section 5.7 of the Visual Impact Management Plan only mandatory safety, identifying or directional signs may be placed on ancillary buildings. No additional signage for other purposes including advertising may be placed on buildings. No additional signage was observed during the site audit inspection.</p>	
Lighting					
B35.	<p>The Proponent must:</p> <p>(a) take all reasonable steps to minimise the off-site visual impacts of the development; and</p> <p>(b) ensure that any external lighting associated with the development:</p> <p>i) is installed as low intensity lighting (except where required for safety or emergency purposes);</p> <p>ii) does not shine above the horizontal; and</p> <p>iii) complies with Australian/New Zealand Standard AS/NZS 4282:2019 – Control of Obtrusive Effects of Outdoor Lighting.</p>	Visual Impact Management Plan dated 7/08/2023	Compliant	<p>As stated in Section 5.5 of the Visual Impact Management Plan and confirmed by onsite personnel lighting associated with the development has been installed in compliance with Australian/New Zealand Standard AS/NZS 4282:2019 - Control of Obtrusive Effects of Outdoor Lighting (A. Dwyer per comms).</p> <p>During the site audit inspection lighting was observed to be installed as low intensity lighting which was also confirmed by (A. Dwyer per comms).</p>	
Visual Impact Management Plan					
B36.	<p>Prior to the commencement of construction, the Proponent must prepare a Visual Impact Management Plan for the development to the satisfaction of the Planning Secretary. This plan must:</p> <p>(a) be prepared in consultation with FCNSW and the NPWS;</p> <p>(b) describe the measures that would be implemented to comply with condition B34 above; and</p> <p>(c) include detailed plans for minimising the visual impacts of the following permanent infrastructure:</p> <p>i) Maragle switchyard and substation;</p> <p>ii) transmission line, towers and easement.</p>	Visual Impact Management Plan dated 7/08/2023 DPE Approval letter dated 11/08/2023	Compliant	<p>Prior to the commencement of construction the Visual Impact Management Plan was approved by the Planning Secretary on the 11 August 2023 (sighted).</p> <p>(a) The Planning Secretary acknowledges the plan has been prepared in consultation with NPWS and FCNSW. Consultation details is included in Section 5.1.</p> <p>(b) Included in Section 5.</p> <p>(c)</p> <p>i) Mitigation measures are outlined in Section 5.4 and Section 5.6. The plan does not mention mitigation measures for the substation with exception of retaining trees along the road verge of Elliott Way to screen view the substation from the road. No detailed plans are included for the substation.</p> <p>ii) Measures that relate to transmission line and tower are included in Section 5.2 and Section 5.3. Mitigation measures for easements are not addressed in Visual Impact Management Plan.</p> <p>Recommendation: It is recommended the Visual Impact Management Plan be revised to include detailed plans for</p>	

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	Following the Planning Secretary's approval, the Proponent must implement the Visual Impact Management Plan for the development.			minimising visual impacts of the Maragle substation and transmission line easement.	
PARK VALUES					
B37.	<p>The Proponent must make the following payments to NPWS for residual impacts of the development on park values:</p> <ul style="list-style-type: none"> (a) \$1 million prior to carrying out any development; (b) \$1 million within 1 year of commencing construction; (c) \$1 million within 2 years of commencing construction; (d) \$1 million within 3 years of commencing construction; (e) \$1 million within 4 years of commencing construction; <p>unless the Planning Secretary agrees otherwise.</p> <p>Note: The NPWS will use these funds and any interest generated by these funds to enhance the park values of the Kosciuszko National Park. The NPWS will:</p> <ul style="list-style-type: none"> • develop a detailed program for the allocation of these funds to specific projects; • monitor, evaluate and publicly report on the spending of these funds and the effectiveness of these projects. 	<p>Remittance Advice Payment 1 dated 27/09/2023</p> <p>DPE Tax Invoice Payment 2 (1 year of commencing construction) dated 9/10/2023</p>	Compliant	Snowy Hydro Limited on behalf of Transgrid have submitted 2 payments of 1,000,0000 to the Department of Planning and Environment Finance Shared Services required to be paid prior to carrying out any development and within 1 year of commencing construction.	
B38.	<p>Within 6 months of the commencement of construction, the Proponent will prepare an Additional Easement Rehabilitation Strategy to the satisfaction of NPWS, to undertake the following infrastructure projects, that addresses:</p> <ul style="list-style-type: none"> (a) Providence Portal substation to Tantangara Dam – removal of transmission line, replacement with a standalone supply or underground line between the Snowy 2.0 Tantangara intake/portal area and Tantangara Dam area, and rehabilitation of the easement; (b) Eucumbene Portal to Happy Jacks transmission – transmission lines being removed and replaced by an alternative standalone power supply and rehabilitation of the easement; and (c) timing for each program of works. <p>Following approval, the Proponent must implement the Additional Easement Rehabilitation Strategy.</p>		Not triggered		
HAZARD AND RISK					
Dangerous Goods					
B39.	The Proponent must ensure that the storage, handling, and transport of dangerous goods is undertaken in accordance with the relevant Australian Standards and guidelines, particularly AS1940 The storage and handling of flammable and combustible liquids and AS/NZS 1596:2014 The storage and handling of LP Gas, the Dangerous Goods Code, and the EPA's Storing and Handling of Liquids: Environmental Protection – Participants Manual.	<p>Soil and Water Management Plan</p> <p>Appendix J Environmental Inspection Weekly Checklist</p>	Compliant	<p>Mitigation measures addressing the storage, handling and transport of dangerous goods is included in Table 5.2 of the SWMP. During the site inspection chemicals were generally well organised and kept in bunded areas. An observation was made at Lobbs Hole Project Compound where one chemical storage area at this site appeared over stocked for the size of the storage area and chemicals were stacked on top of each other.</p> <p>Opportunity for Improvement: Site managers / supervisors to ensure adequate fit for purpose storage containers / areas available to meet site volume requirements for chemical and hydrocarbons and that all hydrocarbon and chemical storage areas are routinely monitored.</p>	
Electric and Magnetic Fields					
B40.	The Proponent must ensure that the design, construction and operation of the development is managed to comply with the applicable electric and magnetic fields (EMF) limits in the		Not triggered	The development is still undergoing detailed design (B. Toohey per comms).	

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	International Commission on Non-Ionizing Radiation Protection (ICNIRP) Guidelines for limiting exposure to time-varying electric and magnetic fields (1Hz – 100 kHz) (ICNIRP, 2010).				
Operating Conditions					
B41.	<p>The Proponent must:</p> <ul style="list-style-type: none"> (a) minimise the fire risks of the development, including managing vegetation fuel loads on-site; (b) ensure that the development; <ul style="list-style-type: none"> i) complies with the relevant asset protection requirements in the RFS’s Planning for Bushfire Protection 2019 (or equivalent) and Standards for Asset Protection Zones; ii) is suitably equipped to respond to any fire on site, including provision of a 20,000 litre water supply tank fitted with a 65 mm Storz fitting and a FRNSW compatible suction connection located at each of the construction compounds; iii) incorporates the recommendations of a fire risk assessment as per Transgrid’s design standards; (c) ensures that buildings within the compounds comply with Australian Standard AS3959-2018 Construction of buildings in bushfire-prone areas (or equivalent) and RFS’s Planning for Bushfire Protection 2019; (d) ensure any fire trails or asset protection zones associated with the development are wholly contained within the approved disturbance area; (e) develop procedures to manage potential fires on site, in consultation with the RFS, FRNSW, FCNSW and NPWS; (f) assist the RFS, FRNSW, FCNSW, NPWS and emergency services as much as practicable if there is a fire in the vicinity of the site; and (g) notify the relevant local emergency management committee following completion of construction of the development, and prior to commencing operations. 	<p>Bushfire Plan dated 30/08/2023</p> <p>Emergency Plan dated 30/08/2023</p>	Compliant	<p>(a) Bushfire mitigation measures are for the Project are included in Section 5 of the Bushfire Plan</p> <p>(b)</p> <p>i) Included in Section 5.2 of the Bushfire Plan any APZ works undertaken during construction will be in accordance with Appendix 4 of Planning for Bush Fire Protection (NSW RFS, 2019).</p> <p>ii) Included in Section 4.7.2.5 of the Emergency Plan a minimum 20,000L dedicated fire water supply would be available at three assembly areas including UGL Switchyard, UGL Lobs Hole Compound, and FGJV Lobs Hole Accommodation Camp. Only one tank was confirmed to be provided during the time of the audit – FGJV Lobs Hole Accommodation Camp (J. Snape per comms).</p> <p>J. Snape outlined the UGL Switchyard tank will be installed once compound construction is completed in May 2024 with the tank located within Lobbs Hole delivered and installed once the construction compound construction is completed with additional cribs and facilities scheduled for installation in May 2024.</p> <p>iii) The Project is still subject to detailed design (J. Snape per comms)</p> <p>(c) Transgrid and UGL have considered and are ensuring buildings comply with the Australian Standard AS3959-2018 Construction of buildings in bushfire-prone areas (or equivalent) and RFS’s Planning for Bushfire Protection 2019 as part of final IFC design (J. Snape per comms)</p> <p>(d) The final IFC design of Project has not been completed for the Project during this audit period. Transgrid and UGL have assured access tracks and APZs associated with the development are wholly contained within the approved disturbance area (J. Snape per comms).</p> <p>(e) The Bushfire Plan which is included as an appendix in the Emergency Plan has undergone consultation with RFS, FRNSW, FCNSW and NPWS. See condition</p> <p>(f) Noted</p> <p>(g) Not triggered during this audit period.</p>	
Emergency Plan					
B42.	<p>Prior to commencing construction, the Proponent must prepare and implement a comprehensive Emergency Plan and detailed emergency procedures for the development, in consultation with the Local Emergency Management Committee and to the satisfaction of the NPWS, FCNSW, RFS and FRNSW. This plan must:</p> <ul style="list-style-type: none"> (a) be prepared by a suitably qualified and experienced person/s whose appointment has been endorsed by NPWS and FCNSW; (b) be consistent with: <ul style="list-style-type: none"> i) the Department’s Hazardous Industry Planning Advisory Paper No. 1, ‘Emergency Planning’, ii) Kosciuszko National Park Fire Management Strategy 2008-2013 (NPWS, 2008), 	<p>Emergency Plan dated 30/08/2023</p> <p>NPWS Email Correspondence dated 20/09/2023</p> <p>FCNSW Email Correspondence dated 08/09/2023</p> <p>RFS Email Correspondence dated 02/08/2023</p> <p>FRNSW Email Correspondence dated 11/09/2023)</p>	Compliant	<p>Prior to commencing construction the Emergency Plan was prepared to the satisfaction of NPWS (20 September 2023), FCNSW (8 September 2023), RFS (2 August 2023) and FRNSW (11 September 2023). The plan was also prepared in consultation with the Local Emergency Management Committee. Details of consultation is provided in Section 1.4.</p> <p>(a) This plan was originally drafted by UGL. A full review and revision was undertaken by Nathan Kearnes of Eco Logical Australia. Nathan Kearnes was the designated approved suitably qualified and experienced person in relation to emergency and bushfire management, who was endorsed as such by NPWS on 24 October 2022 and FCNSW on 28 October 2022.</p> <p>(b) Consistency with relevant documents is outlined in in Table 2.2.</p> <p>(c) Included in Section 6 and Appendix D Site Evacuation Plan (And Emergency Maps)</p> <p>(d)</p> <p>i) Included in Section 4 and 5 of Appendix H Bushfire Plan</p> <p>ii) Included in Section 5.2 of Appendix H Bushfire Plan</p> <p>iii) Included in Section 8 of Appendix H Bushfire Plan</p> <p>iv) included in Sections 4.4, 5.3, 6.3, and Appendix I Flood Response Procedure</p> <p>v) Included in Sections 4.5, 5.4 and 6.4</p>	

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	iii) FCNSW Guidelines including the Code of Practice for Timber Harvesting in Softwood Plantations 2022; iv) RFS's Planning for Bushfire Protection 2019 (or equivalent); v) RFS's Development Planning – A Guide to Developing a Bush Fire Emergency Management and Evacuation Plan (RFS, 2014); vi) the Fire and Rescue NSW Act 1989; and vii) the Work Health and Safety (WHS) Act 2011; (c) include evacuation protocols for the site; (d) describe the measures that would be implemented to: i) minimise the risk of bushfire on site; ii) protect the assets on site from bushfires; iii) respond to any bushfires on or in the vicinity of the site; iv) minimise flood risks on site, including flooding response procedures; v) minimise the risk of landslips on site, including landslip response procedures; vi) evacuate the site in an emergency; and (e) include details on how live transmission infrastructure can be safely isolated in an emergency. The Proponent must implement the Emergency Plan for the duration of the development.			vi) Included in Section 6 & Appendix D Site Evacuation Plan (and emergency Maps).	
WASTE					
B43.	Excluding the spoil generated by the development from within KNP, waste generated during construction, operation, upgrading and decommissioning must be dealt with in accordance with the following priorities: (a) waste generation must be avoided and where avoidance is not reasonably practicable, waste generation must be reduced; (b) where avoiding or reducing waste is not possible, waste must be re-used, recycled, or recovered; and (c) where re-using, recycling or recovering waste is not possible, waste must be treated or disposed of.	Waste Management Strategy dated 01/11/2023	Compliant	A Waste Management Strategy which is appended to the Contaminated Land Management Plan and included in the Soil and Water Management Plan provides an overview of how waste is to be avoided, reduced, re-used, recycled and includes procedures for disposal. During the site inspection it was evident recycling programs were being implemented with an array of bins and signs available.	
B44.	The importation of waste and storage, treatment, processing, reprocessing or disposal of such waste must comply with the Protection of the Environment Operations Act 1997, the Protection of the Environment Operations (Waste) Regulation 2014, and orders or exemptions under the regulation.	Bellette's Landfill Invoice PO 4501798801	Compliant	Transgrid outlined consultation has been undertaken with local EPA licenced waste facilities, specifically Bellettes (Eastern Alignment) and Christie's (Western Alignment) for the Project (J. Snape per comms). No waste has been imported to site during the audit period (J. Snape per comms). Recommendation: Transgrid should develop a waste tracking register for the Project that records details of all wastes generated by or imported to the Project area including details of treatment, processing, classification and disposal by licenced contractors to a licensed land disposal facility that covers both the East and West Project alignments.	
B45.	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.	Bellettes Landfill EPL 20596	Non-compliant	Waste originating from the Eastern Project alignment is exported to Bellettes Landfill which is a site licensed by the EPA however no verifiable evidence could be provided to show waste originating from the West Project alignment was exported to a site licenced by the EPA. Recommendation: It is recommended that Transgrid seek to confirm and document an appropriate waste agreement with a waste disposal site licensed by the EPA for the disposal of waste originating from the West Project alignment.	NC-03

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B46.	All waste that is removed from site must be classified in accordance with the EPA’s Waste Classification Guidelines, with appropriate records and disposal dockets retained for audit purposes.	Transgrid C1611 Maragle 330kv Switching Station And 330kv Transmission Line Connections Project Status Report dated February 2024	Compliant	Waste removed onsite is tracked by UGL and is reported monthly within UGL Monthly Status Report. Waste reported in this documents is also further broken down in accordance with the EPA’s Waste Classification Guidelines.																						
REHABILITATION																										
B47.	<p>The Proponent must:</p> <p>(a) rehabilitate all parts of the site within the Kosciuszko National Park to comply with the rehabilitation objectives in Table 2 and the ecological rehabilitation objectives in Table 3;</p> <p>(b) rehabilitate the Bago State Forest site to comply with the rehabilitation objectives in Table 2;</p> <p>(c) complete the rehabilitation of the site, including the removal of all temporary infrastructure, creation of landforms, narrowing of roads within 3 years of completing construction;</p> <p>(d) complete the ecological rehabilitation of the site, apart from areas used for operations, within 20 years of completing construction;</p> <p>(e) complete the final rehabilitation of the site, including the removal of all remaining infrastructure within 3 years of decommissioning the development; and</p> <p>(f) complete the ecological rehabilitation of the areas used for operations within 20 years of decommissioning the development.</p> <p>Table 2 Rehabilitation Objectives</p> <table><caption>Table 2 Rehabilitation Objectives</caption><tr><th>Feature</th><th>Objective</th></tr><tr><td>Land Use</td><td>Return the site to its previous use in consultation with NPWS and FCNSW</td></tr><tr><td>Land</td><td>Safe, stable and non-polluting; Progressively rehabilitate the site as soon as possible following disturbance; Employ interim rehabilitation strategies to areas that can't be permanently rehabilitated yet to minimise dust generation, erosion, uncontrolled discharges of sediment, and the spread of weeds to other parts of the Kosciuszko National Park;</td></tr><tr><td>Infrastructure</td><td>Decommission and remove infrastructure, unless NPWS and/or FCNSW agrees otherwise;</td></tr><tr><td>Community</td><td>Ensure public safety</td></tr></table> <p>Table 3 Ecological rehabilitation objectives, including indicative completion criteria and performance indicators</p> <table><caption>Table 3 Ecological rehabilitation objectives, including indicative completion criteria and performance indicators</caption><tr><th>Ecological rehabilitation objective</th><th>Completion criteria</th><th>Performance indicators</th></tr><tr><td>Objective 1: The vegetation composition of the rehabilitation is recognisable as a plant community type (PCT) contained within the Bioregional Vegetation Classification and which was present on site prior to the project's temporary disturbance</td><td>(a) Native plant species composition is characteristic of the target PCT based on qualitative analysis against a reference data set using the PCT Assignment Tool (b) The target PCT BAMI composition score is within or greater than the inter-quartile range of local reference site values for the assigned PCT.</td><td>All native vascular plant species are monitored to species level from fixed 0.04 ha monitoring plots in accordance with the BAMI transect intercept method, and/or other method approved by the Planning Secretary. Monitoring should include appropriate reference sites outside the disturbance area, ideally capturing the range of variation of the 2003 and 2019/20 fires.</td></tr><tr><td>Objective 2: The vegetation structure of the rehabilitation is recognisable as, or shows a substantial trend towards, a PCT contained within the Bioregional Vegetation Classification and which was present on site prior to the project's temporary disturbance.</td><td>Cover, abundance and height range of native plant growth forms are characteristic of the target PCTs and within or greater than the inter-quartile range of local reference site values for the assigned PCT.</td><td>The cover, abundance and height range of all native vascular plant species are monitored from fixed 0.04 ha monitoring plots in accordance with the BAMI transect intercept method, and/or other method approved by the Planning Secretary.</td></tr><tr><td>Objective 3: Levels of ecosystem function have been established that demonstrate the rehabilitation is self-sustainable or shows a substantial trend towards a self-sustaining state.</td><td>Growth medium, including topsoil, is suitable for target PCTs establishment, and indicators of nutrient cycling are suitable for sustaining the target PCTs. All priority attributes of nutrient cycling, soil processes and both subsoil and topsoil properties should be within or greater than the interquartile range of local reference site values for the assigned PCT. Rehabilitation vegetation communities are maturing, and natural recruitment is occurring for species within each growth form at rates within or greater than the interquartile range of local reference site values for the assigned PCT. The number and ground cover of weed species is comparable to, or less than, the interquartile range of local reference site values for the assigned PCT. Fauna habitat features and resources (food and shelter characteristics) within the rehabilitation vegetation communities are present and within or greater than the interquartile range of local reference site values for the assigned PCT.</td><td>Growth medium, covering both subsoil and topsoil properties, and soil processes are monitored using methods approved by the Planning Secretary. All species are monitored for establishment of second-generation juveniles/maturation and capacity for recruitment from fixed 0.04 ha monitoring plots in accordance with the BAMI transect intercept method, and/or other method approved by the Planning Secretary. Number and ground cover of weed species are monitored from fixed 0.04 ha monitoring plots in accordance with the BAMI transect intercept method, and/or other method approved by the Planning Secretary. 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Snowy 2.0 Transmission Connection Project (Infrastructure Approval SSI 9717)					
Condition No.	Requirement	Evidence Collected	Compliance Status	Independent Audit Findings and Recommendations	Unique ID on NC
Rehabilitation Management Plan					
B48.	<p>Within 12 months following commencement of construction, the Proponent must prepare a Rehabilitation Management Plan for the development to the satisfaction of the Planning Secretary. This plan must:</p> <ul style="list-style-type: none"> (a) be prepared by a suitably qualified and experienced person in consultation with the NPWS, FCNSW, BCS, EPA, NSW DPI and TfNSW; (b) be consistent with the Spoil Management Plan, Long-Term Road Strategy and Visual Mitigation Management Plan; (c) include a conceptual plan for the rehabilitation of the whole site; (d) include the detailed program for the rehabilitation of roads in the Kosciuszko National Park in accordance with the approved Long-Term Road Strategy; (e) include a topsoil balance for the site, which includes a strategy for: <ul style="list-style-type: none"> i) maximising the reuse of topsoil on site (provided it is suitable for reuse); ii) using other suitable growth media; and iii) importing additional topsoil to the site (if necessary); (f) include a native seed collection and propagation program in accordance with Florabank (www.florabank.org.au) and/or NPWS guidelines for the site, which includes a strategy for: <ul style="list-style-type: none"> i) maximising the collection and use of native seed resources from the site prior to disturbance; ii) collecting seed from the surrounding area, including other parts of the Kosciuszko National Park (with the approval of the NPWS); and iii) prioritising the use of local sources of seed for the ecological rehabilitation of the site; (g) include a detailed ecological rehabilitation management plan for the development that: <ul style="list-style-type: none"> i) provides an overarching description of the proposed ecological rehabilitation works, identifying the: <ul style="list-style-type: none"> • plant community types to be established; and • area of land to be established for each plant community type; ii) provides maps showing the proposed location of each plant community type; iii) describes the detailed measures that would be implemented to comply with the ecological rehabilitation objectives in Table 3; (h) identify the key risks to the successful completion of the rehabilitation and describe the contingency measures that would be implemented to address these risks; 		Not triggered		

Snowy 2.0 Transmission Connection Project (Infrastructure Approval SSI 9717)					
Condition No.	Requirement	Evidence Collected	Compliance Status	Independent Audit Findings and Recommendations	Unique ID on NC
	<p>(i) include detailed completion criteria and performance indicators for the rehabilitation of the development (having regard) to the criteria and indicators in Table 3, including criteria for triggering remedial action (if necessary); and</p> <p>(j) include a program to monitor and publicly report on:</p> <p>i) the rehabilitation of the site;</p> <p>ii) the implementation of the each of the detailed plans, including the effectiveness of the proposed mitigation and contingency measures; and</p> <p>iii) progress against the detailed completion criteria and performance indicators.</p> <p>Following the Planning Secretary's approval, the Proponent must implement the Rehabilitation Management Plan.</p>				
PART C ENVIRONMENTAL MANAGEMENT, REPORTING AND AUDITING					
ENVIRONMENTAL MANAGEMENT STRATEGY					
C1.	<p>Prior to commencing development, the Proponent must prepare an Environmental Management Strategy for the development to the satisfaction of the Planning Secretary. This strategy must:</p> <p>(a) provide the strategic framework for environmental management of the development;</p> <p>(b) identify the statutory approvals that apply to the development;</p> <p>(c) describe the role, responsibility, authority and accountability of all key personnel involved in the environmental management of the development;</p> <p>(d) set out the procedures that would be implemented to:</p> <p>i) keep the local community and relevant agencies informed about the operation and environmental performance of the development;</p> <p>ii) receive, handle, respond to, and record complaints;</p> <p>iii) resolve any disputes that may arise;</p> <p>iv) respond to any non-compliance;</p> <p>v) respond to emergencies; and</p> <p>(e) include:</p> <p>i) references to any strategies, plans and programs approved under the conditions of this approval; and</p> <p>ii) a clear plan depicting all the monitoring to be carried out in relation to the development, including a table summarising all the monitoring and reporting obligations under the conditions of this approval.</p> <p>Following the Planning Secretary's approval, the Proponent must implement the Environmental Management Strategy.</p>	<p>TransGrid Breach Notification letter 19/05/2023</p> <p>NSW Government Official Caution Letter dated 01/09/2023</p> <p>NSW Government Show Cause Letter dated 22/06/2023</p> <p>TransGrid Show Cause Response Letter dated 14/07/2023</p> <p>EMS DCEW Approval Letter dated 06/11/2023</p> <p>DPE EMS Approval Letter dated 03/08/2023</p> <p>Environmental Management Strategy dated 28/07/2023</p>	Non-compliant	<p>In December 2022, minor investigative geotechnical work was conducted by HumeLink contractors for the HumeLink Project within the Maragle substation site which forms part of the Project Area. It was subsequently identified that a small component of the work was undertaken within the Snowy 2.0 Transmission Connection Project Area as approved under SSI 9717. In this regard it was found that work was completed within the development prior to the preparation of an Environmental Management Strategy (EMS).</p> <p>A notification of the breach was submitted on the 1 May 2023 (sighted) to the Department by TransGrid as soon as they were aware of the non-compliance having occurred.</p> <p>A Show Cause Notice was issued from the Department on the 22 June 2023 (sighted) in relation to the incident. TransGrid submitted a letter of response on the 14 July 2023 (sighted). This resulted in an Official Caution issued by the Department on the 1 September 2023 (sighted), with the department noting there was no evidence of harm having been caused to heritage (Aboriginal or European), flora or fauna or the community.</p> <p>The EMS was approved by the Planning Secretary on the 03 August 2023.</p> <p>(a) Included in Appendix D TransGrid Environmental Framework.</p> <p>(b) Included in Section 2.</p> <p>(c) Included in Section 3.10.</p> <p>(d)</p> <p>i) Included in Section 4.5.</p> <p>ii) Included in Section 4.2.</p> <p>iii) Included in Section 4.2.</p> <p>iv) Included in Section 3.12.</p> <p>v) Response to emergencies is mentioned in Section 3.7, with further detailed provided in the Emergency Plan.</p> <p>(e)</p> <p>i) Included in Appendix E Document Map.</p> <p>ii) EMS does not include clear plan or table depicting all the monitoring to be carried out in relation to the development.</p> <p>Recommendation: It is recommended Section 3.7 of the EMS is revised to clearly set out the procedures on how to respond in the event of an emergency.</p> <p>Recommendation: It is recommended the EMS be revised to include clear plan or table depicting all the monitoring to be carried out in relation to the Project.</p>	NC-04

Snowy 2.0 Transmission Connection Project (Infrastructure Approval SSI 9717)

Condition No.	Requirement	Evidence Collected	Compliance Status	Independent Audit Findings and Recommendations	Unique ID on NC
REVISION OF STRATEGIES, PLANS AND PROGRAMS					
C2.	<p>The Proponent must review and, if necessary, revise the strategies, plans or programs required under this approval to the satisfaction of the Planning Secretary within 3 months of the:</p> <ul style="list-style-type: none">(a) the submission of an incident report under condition C7;(b) the submission of an Independent Audit under condition C10;(c) the approval of any modification of the conditions of this approval; or(d) the issue of a direction of the Planning Secretary under condition A2 which requires a review.		Compliant	<p>As mentioned in Condition B11 an incident occurred on the 21 February 2024.</p> <p>At the time of the audit management plans have yet to be revised however it is still within 3 months of the incident.</p> <p>Management plans will be reviewed during next audit period.</p>	
STAGING, COMBINING AND UPDATING STRATEGIES, PLANS OR PROGRAMS//					
C3.	<p>With the approval of the Planning Secretary, the Proponent may:</p> <ul style="list-style-type: none">(a) prepare and submit any strategy, plan or program required by this approval on a staged basis (if a clear description is provided as to the specific stage and scope of the development to which the strategy, plan or program applies, the relationship of the stage to any future stages and the trigger for updating the strategy, plan or program);(b) combine any strategy, plan or program required by this approval (if a clear relationship is demonstrated between the strategies, plans or programs that are proposed to be combined); and(c) update any strategy, plan or program required by this approval (to ensure the strategies, plans and programs required under this approval are updated on a regular basis and incorporate additional measures or amendments to improve the environmental performance of the development). <p>If the Planning Secretary agrees, a strategy, plan or program may be staged or updated without consultation being undertaken with all parties required to be consulted in the relevant condition in this approval.</p> <p>If approved by the Planning Secretary, updated strategies, plans or programs supersede the previous versions of them and must be implemented in accordance with the condition that requires the strategy, plan or program.</p> <p>If the Planning Secretary agrees, a strategy, plan or program may be staged without addressing particular requirements of the relevant condition of this approval if those requirements are not applicable to the particular stage.</p>	<p>Staging Approval Letter 18/11/22</p> <p>Combining Management Plan Request Letter dated 18/11/2022</p>	Noted	<p>(a) The Planning Secretary approved a staging request to prepare management plans on a staged basis on the 27 March 2023 allowing the project scope to be delivered in two stages:</p> <ul style="list-style-type: none">• Stage 1 – All activities associated with the construction and operation of infrastructure related to the 330 kV grid connection• Stage 2 – All activities associated with the construction and operation of infrastructure related to the 500 kV component of the substation <p>(b) Request was sought from TransGrid to combine the Spoil Management Plan and Water Management Plan. The Planning Sectary approved the request on the 18 November 2022.</p> <p>(c) Not triggered during this audit period.</p>	
NOTIFICATIONS					
Notification of Department					
C4.	<p>Prior to commencing development, construction, operations, upgrading or decommissioning of the development, the Proponent must notify the Department in writing via the Major Projects website portal and NPWS and FCNSW of the date of commencing the relevant phase.</p>	<p>FCNSW Email Correspondence dated 27/11/2023</p> <p>NPWS Email Correspondence dated 27/11/2023</p>	Compliant	<p>Prior to commencing construction TransGrid submitted a notification in writing to Major Projects website portal, FCNSW, NPWS and DCCEEW (sighted).</p>	

Snowy 2.0 Transmission Connection Project (Infrastructure Approval SSI 9717)					
Condition No.	Requirement	Evidence Collected	Compliance Status	Independent Audit Findings and Recommendations	Unique ID on NC
	If any of these phases of the development are to be staged, then the Proponent must notify the Department in writing prior to commencing the relevant stage, and clearly identify the development that would be carried out during the relevant stage.	DCCEW Email Correspondence dated 27/11/2023 Lodgement Receipt dated 27/11/2023			
Final Layout Plans					
C5.	<p>Prior to commencing construction, the Proponent must submit detailed plans of the final layout of the development to the Department via the Major Projects website, including:</p> <ul style="list-style-type: none"> (a) details on siting of transmission towers and ancillary facilities; and (b) showing comparison to the approved layout and approved vegetation clearing. <p>The Proponent must ensure that the development is constructed in accordance with the Final Layout Plans. Works as Executed Plans.</p>	SSI-9717-PA-35 CEMP and Final Layout Plans dated 1/12/2023	Compliant	Detailed designs of the Project were issued to the Department via the Major Projects website prior to the commencement of construction on the 01-12-2023 (sighted).	
C6.	Prior to commencing operations, the Proponent must submit plans that confirm the constructed layout of the development and showing comparison to the final layout plans to the Planning Secretary, via the Major Projects website.		Not triggered		
Incident Notification					
C7.	The Department and the NPWS must be notified via the Major Projects website portal immediately after the Proponent becomes aware of an incident. The notification must identify the development (including the development application number and the name of the development if it has one) and set out the location and nature of the incident. Subsequent notification requirements must be given, and reports submitted in accordance with the requirements set out in Appendix 5.	<p>Major Projects Notification dated 19 May 2023</p> <p>Major Projects Notification dated 22 May 2024</p>	Compliant	<p>There were two recorded incidents that occurred within this Audit Period. Both events were reported immediately after TransGrid were aware of the non-compliance. Details are below:</p> <ul style="list-style-type: none"> Elliot Way Turbid Water Discharge: Discharge event occurred on the 21 February 2023 with a notification sent on the 22 February 2024 via the Major Projects website portal Geotech Work Maragle: TransGrid became aware of the non-compliance on or about 11 May 2023 as part of its internal enquiries and obtaining of advice regarding the carrying out of the geotechnical works. Notification of the technical non-compliance was made to DPE on the Major Projects Portal on 19 May 2023. 	
Non-Compliance Notification					
C8.	The Planning Secretary and the NPWS must be notified in writing via the Major Projects website portal within seven days after the Proponent becomes aware of any non-compliance.	<p>Major Projects Notification dated 19 May 2023</p> <p>Major Projects Notification dated 22 May 2024</p>	Compliant	See Condition C7.	
C9.	<p>A non-compliance notification must identify the development and 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>	<p>Major Projects Notification dated 19 May 2023</p> <p>Major Projects Notification dated 22 May 2024</p>	Compliant	Non-compliance notifications within this audit period addressed all details as outlined in this condition and are shown in the notifications submitted via the Major Projects Portal.	
INDEPENDENT ENVIRONMENTAL AUDIT					
C10.	Independent Audits of the development must be conducted and carried out at the frequency described and in accordance with the Independent Audit Post Approval Requirements (2020), unless otherwise agreed or directed by the Planning Secretary.	DPHI Approval Letter dated 31/01/2024	Compliant	The Initial Construction Audit was undertaken 15 week post the commencement of construction as approved by the Planning Secretary on the 31 January 2024.	
ACCESS TO INFORMATION					
C11.	The Proponent must:	Project website	Non-compliant	TransGrid provides the information required under this condition on its website:	NC-05

Snowy 2.0 Transmission Connection Project (Infrastructure Approval SSI 9717)					
Condition No.	Requirement	Evidence Collected	Compliance Status	Independent Audit Findings and Recommendations	Unique ID on NC
	<p>(a) make the following information and documents publicly available on its website as relevant to the stage of the development:</p> <ul style="list-style-type: none"> i) the EIS; ii) the final layout plans for the development; iii) current statutory approvals for the development; iv) approved strategies, plans or programs required under the conditions of this approval; v) the proposed staging plans for the development if the construction, operation and/or decommissioning of the development is to be staged; vi) a comprehensive summary of the monitoring results of the development, which have been reported in accordance with the various plans and programs approved under the conditions of this approval; vii) how complaints about the development can be made; viii) any independent environmental audit, and the Proponent's response to the recommendations in any audit; and ix) any other matter required by the Planning Secretary; and <p>(b) keep such information up to date.</p>			<p>https://www.TransGrid.com.au/projects/snowy-2-0-transmission-connection-project/.</p> <p>All relevant documents are provided on the website with exception to final layout plans for the development.</p> <p>Recommendation: It is recommended the final layout plans are uploaded to the Project website.</p>	

Snowy 2.0 Transmission Connection Project (EPBC 2018/8363)					
Condition No.	Requirement	Evidence Collected	Compliance Status	Independent Audit Findings and Recommendations	Unique ID on NC
1	To minimise the impacts of the action on protected matters, the approval holder must: <ul style="list-style-type: none"> a. not clear more than: <ul style="list-style-type: none"> (i) 1.67 ha of habitat for Booroolong Frog; and (ii) 118.34 ha of habitat for Spot-tailed Quoll; and b. minimise the impacts of the Action on hollow-bearing trees. 	Biodiversity Management Plan dated 22/11/2023	Compliant	Confirmed within approval limits. <ul style="list-style-type: none"> a. Clearing commenced on the 08 March 2024. Further auditing of areas cleared will be undertaken during future audits. b. Implementation of impact minimisation for hollow bearing trees was discussed and observed during the audit inspection. 	
2	The approval holder must not clear outside the project area.		Compliant	No clearing outside the clearing areas was detected or notified to the audit team during the audit.	
3	To mitigate impacts on protected matters, the approval holder must implement conditions B21, B41 and C1 of the State Infrastructure Approval, in so far as they relate to monitoring, mitigating and avoiding impacts to protected matters.	Biodiversity Management Plan dated 22/11/2023 Environmental Management Strategy dated 28/07/2023	Compliant	Currently compliant with Conditions B21 and C1 noting an official caution was issued in relation to works undertaken prior to approval of the Environmental Management Strategy on 1 September 2023. Compliance with Condition B41 is ongoing as the Project is still subject to detailed design.	
4	The Biodiversity Management Plan required under condition B21 of the State Infrastructure Approval must: <ul style="list-style-type: none"> a. be consistent with relevant statutory documents; b. demonstrate how the approval holder will minimise erosion and control sediment generation; c. demonstrate how the approval holder will take all reasonable and feasible measures to prevent any discharge to waters; d. in respect of all watercourses which contain habitat for Booroolong Frog, as indicated by the areas within the yellow polygons designated 'Booroolong Frog' within the designated 'Study area' in the map at Attachment B, specify: <ul style="list-style-type: none"> (i) what and how detailed baseline data on surface water flows and quality will be collected prior to the commencement of the Action; and (ii) a program to augment data regarding surface water flows and quality data over time; e. specify detailed criteria for determining surface water impacts (in respect of flows, quality and flooding) of the Action on the Booroolong Frog, including criteria for triggering remedial action (if necessary); f. specify a monitoring program capable of detecting any specified criteria for triggering remedial action, if they occur; and g. include a description of the measures that will be implemented to minimise the surface water impacts of the Action on the Booroolong Frog. 	Biodiversity Management Plan dated 22/11/2023 EPBC Monitoring Email dated 23/01/2024	Non-compliant	<ul style="list-style-type: none"> a. BMP has been prepared in accordance with b. Included in Section 5.8 of the BMP c. Included in Section 5.8 of the BMP d. <ul style="list-style-type: none"> (i) Methodology provided in BMP Appendix G - Table 4-2 (ii) BMP refers to SWMP e. Detailed criteria for determining surface water impacts (in respect of flows, quality and flooding) of the Action on Booroolong Frog not sighted in BMP f. a monitoring program capable of detecting any specified criteria for triggering remedial action not sighted in BMP g. Mitigation measures specific to the Booroolong Frog contained in BMP Appendix G Table 4-1. With regard to the requirements for baseline surface water flow data it is acknowledged that during the audit period a request was made by DCCEEW in January 2024 for a copy of this data. It was not able to be verified if this data was provided as per the request. <p>Recommendation: It is recommended that the BMP be revised to include detailed criteria for determining surface water impacts (in respect of flows, quality and flooding) of the Action on the Booroolong Frog. The BMP should also be revised to include a monitoring program capable of detecting the specified criteria for triggering remedial action.</p> <p>Recommendation: It is recommended baseline surface water flow data is provided to DCCEEW and included in the BMP.</p>	NC-06
5	The approval holder must submit the Biodiversity Management Plan and Environmental Management Strategy required by conditions B21 and C1 of the State Infrastructure Approval to the department for the Minister's approval before they are approved by the NSW Planning Secretary.	DCCEEW approval letters dated 6 November 2023 BMP Approval Letter dated 1 December 2023 EMS Approval Letter dated 03 August 2023	Non-Compliant	The BMP and EMS was approved by DCCEEW on 6 November 2023. The EMS was approved by the Planning Secretary on the 03 August 2023 and approved the BMP on the 01 December 2023 No verifiable evidence to support that the EMS and BMP was submitted to DCCEEW for the Ministers approval before the NSW DPHI approval was provided.	NC-07
6	The approval holder must implement the Biodiversity Management Plan and Environmental Management Strategy approved by the Minister until the end date of this approval, unless otherwise agreed by the Minister in writing.	Biodiversity Management Plan dated 22/11/2023	Compliant	Implementation of the BMP has commenced and is ongoing.	
7	To offset the impacts of the Action on protected matters, the approval holder must implement conditions B18, B19 and B20 of the State Infrastructure Approval.		Compliant	Compliant with condition B18, B19 and B20 of the State Infrastructure approval.	
8	The approval holder must notify the department in writing within 10 business days of making a biodiversity offset payment to the NSW National Parks and Wildlife Service. Each notification must state the date of payment, the amount paid, and the component of the biodiversity offset obligations in respect of which the payment is made.	Notification of Biodiversity Offset Payment to NSW NPWS Email Correspondence dated 26/09/2023	Non-compliant	Payment was made by Snowy Hydro Limited on behalf of Transgrid to NPWS on the 31 August 2023. Remittance advice was issued by Snowy Hydro Limited to Transgrid on 26 September 2023 which was forwarded to DCCEEW on the 26 September 2023. This was outside the required 10 business day notification period.	NC-08

Snowy 2.0 Transmission Connection Project (EPBC 2018/8363)					
Condition No.	Requirement	Evidence Collected	Compliance Status	Independent Audit Findings and Recommendations	Unique ID on NC
9	The approval holder must submit all plans required by these conditions electronically to the department.	EMS, BMP and SWMP DCCEW Approval Letter dated 06/11/2023	Compliant	Environmental Management Strategy, Biodiversity Management Plan, and Soil and Water Management Plan were sent and approved by the Department on the 06 November 2023. Approval letter sighted.	
10	Unless otherwise agreed to in writing by the Minister, the approval holder must publish each plan on the website within 15 business days of the date: <ol style="list-style-type: none"> the plan is approved by Secretary of the NSW Department of Planning and Environment as required under a state/territory government condition which must be complied with in accordance with these EPBC Act conditions. 	Project Webpage	Compliant	Management plans are uploaded and accessible on Project page. https://www.lumea.com.au/projects/snowy-2-0-transmission-connection-project/#environmental-documentation	
11	The approval holder must keep all published plans required by these conditions on the website until the expiry date of this approval.	Project Webpage	Compliant	Refer to Condition 10.	
12	The approval holder is required to exclude or redact sensitive ecological data from plans published on the website or otherwise provided to a member of the public.		Compliant	Data has already been made publicly available by the NSW Government on the Major Projects webpage.	
13	If sensitive ecological data is excluded or redacted from a plan in accordance with condition 12, the approval holder must notify the department in writing what exclusions and redactions have been made in the version published on the website.		Compliant	Not applicable	
14	The approval holder must notify the department electronically of the date of commencement of the Action, within 5 business days of commencement of the Action.	DCCEEW Commencement letter dated 11/12/2023	Compliant	Construction commenced on the 4 December 2023. DCCEEW were notified on the 11 December which was within 5 business days of commencement.	
15	If the commencement of the Action does not occur within 5 years from the date of this approval, then the approval holder must not commence the Action without the prior written agreement of the Minister.		Not applicable	Action has commenced within 5 years of this approval	
16	The approval holder must maintain accurate and complete compliance records.	Snowy 2.0 TC_Compliance_Tracker_rev1	Compliant	Transgrid utilise compliance tracking systems (sighted) to ensure they meet the specific performance measures and criteria set out by this approval. The compliance tracker outline responsible parties, evidence of compliance and associated comments from Lumea and relevant links to associated files.	
17	If the department makes a request in writing, the approval holder must provide electronic copies of compliance records to the department within the timeframe specified in the request. <i>Note: Compliance records may be subject to audit by the department, or by an independent auditor in accordance with section 458 of the EPBC Act, and/or be used to verify compliance with the conditions. Summaries of the results of an audit may be published on the department's website or through the general media.</i>		Not triggered		
18	The approval holder must ensure that any monitoring data (including sensitive ecological data), surveys, maps, and other spatial and metadata required under the conditions of this approval are prepared in accordance with the department's Guidelines for biological survey and mapped data (2018), or any subsequent official version or as otherwise specified by the Minister in writing.		Compliant	All plans prepared in accordance with the department's Guidelines for biological survey and mapped data (2018) and Guide to providing maps and boundary data for EPBC Act projects (2021).	
19	The approval holder must ensure that any monitoring data (including sensitive ecological data), surveys, maps, and other spatial and metadata required under the conditions of this approval are prepared in accordance with the department's Guide to providing maps and boundary data for EPBC Act projects (2021), or any subsequent official version or as otherwise specified by the Minister in writing.		Compliant	All plans prepared in accordance with the department's Guidelines for biological survey and mapped data (2018) and Guide to providing maps and boundary data for EPBC Act projects (2021).	
20	The approval holder must submit all monitoring data (including sensitive ecological data), surveys, maps, other spatial and metadata and all species occurrence record data (sightings and evidence of presence) electronically to the department within 12 months of the commencement of the Action.		Compliant	All monitoring data (including sensitive ecological data), surveys, maps, other spatial and metadata and all species occurrence record data (sightings and evidence of presence) submitted electronically to the department within 12 months of the approval.	

Snowy 2.0 Transmission Connection Project (EPBC 2018/8363)					
Condition No.	Requirement	Evidence Collected	Compliance Status	Independent Audit Findings and Recommendations	Unique ID on NC
21	The approval holder must prepare a compliance report for each 12-month period following the date of this approval, or as otherwise agreed to in writing by the Minister.		Compliant	One compliance report has been submitted.	
22	Each compliance report must be consistent with the department's Annual Compliance Report Guidelines (2014), or any subsequent official version.	EPBC 2018/8363 – Snowy 2.0 Transmission Connection Project Annual Compliance Report 21 October 2022 to 21 October 2023	Compliant	The compliance report dated 10/01/2024 has been prepared in accordance with the department's Annual Compliance Report Guidelines (2014).	
23	Each compliance report must include: <ol style="list-style-type: none"> Accurate and complete details of compliance and any non-compliance with the conditions and the plans, and any incidents. One or more shapefile showing all clearing of any protected matters, and/or their habitat, undertaken within the 12-month period at the end of which that compliance report is prepared. A schedule of all plans in existence in relation to these conditions and accurate and complete details of how each plan is being implemented. 	EPBC 2018/8363 – Snowy 2.0 Transmission Connection Project Annual Compliance Report 21 October 2022 to 21 October 2023	Compliant	The annual compliance report includes: <ol style="list-style-type: none"> Accurate and complete details of compliance and any non-compliance with the conditions and the plans, and any incidents. One or more shapefiles showing all clearing of any protected matters, and/or their habitat, undertaken within the 12-month period at the end of which that compliance report is prepared. A schedule of all plans in existence in relation to these conditions and accurate and complete details of how each plan is being implemented. 	
24	The approval holder must: <ol style="list-style-type: none"> Publish each compliance report on the website within 60 business days following the end of the 12-month period for which that compliance report is required. Notify the department electronically, within 5 business days of the date of publication that a compliance report has been published on the website. Provide the weblink for the compliance report in the notification to the department. Keep all published compliance reports required by these conditions on the website until the expiry date of this approval. Exclude or redact sensitive ecological data from compliance reports published on the website or otherwise provided to a member of the public. If sensitive ecological data is excluded or redacted from the published version, submit the full compliance report to the department within 5 business days of its publication on the website and notify the department in writing what exclusions and redactions have been made in the version published on the website. <p><i>Note: Compliance reports may be published on the department's website.</i></p>	EPBC Monitoring Compliance Email Correspondence dated 15/01/2024	Non-compliant	a) Compliance report available on website b) The Compliance Report was sent to DCCEEW on the 15 January 2024 via email. c) No website link was provided. d) Compliance report has been uploaded to the website and is publicly accessible. e. No redaction of data was required. f. Not triggered.	NC-09
25	The approval holder must notify the department electronically, within 2 business days of becoming aware of any incident and/or potential non-compliance and/or actual non-compliance with the conditions or commitments made in a plan.	Notification Breach Letter dated 23 May 2023	Non-compliant	Two reportable incidents have occurred during this audit period which include: <ul style="list-style-type: none"> <i>Minor Investigative Geotechnical Work</i> - TransGrid became aware of the non-compliance on or about 11 May 2023. TransGrid notified DCCEEW (Department of Climate Change, Energy, the Environment and Water) of the incident on 23 May 2023 which is greater than 2 business days of becoming aware. <i>Elliot Way intersection Turbid Water Discharge</i> -No evidence provided to support the Department was notified of the incident that occurred on the 21 February 2024. 	NC-10

Snowy 2.0 Transmission Connection Project (EPBC 2018/8363)					
Condition No.	Requirement	Evidence Collected	Compliance Status	Independent Audit Findings and Recommendations	Unique ID on NC
26	<p>The approval holder must specify in the notification:</p> <ol style="list-style-type: none"> Any condition or commitment made in a plan which has been or may have been breached. A short description of the incident and/or potential non-compliance and/or actual non-compliance. The location (including co-ordinates), date, and time of the incident and/or potential non-compliance and/or actual non-compliance. <p><i>Note: If the exact information cannot be provided, the approval holder must provide the best information available.</i></p>		Non-compliant	See above	NC-11
27	<p>The approval holder must provide to the department in writing, within 12 business days of becoming aware of any incident and/or potential non-compliance and/or actual non-compliance, the details of that incident and/or potential non-compliance and/or actual non-compliance with the conditions or commitments made in a plan. The approval holder must specify:</p> <ol style="list-style-type: none"> Any corrective action or investigation which the approval holder has already taken. The potential impacts of the incident and/or non-compliance and/or non-compliance. The method and timing of any corrective action that will be undertaken by the approval holder. 	Minor Investigative Geotechnical Work Incident Report – Summary no date	Non-compliant	<p>Two reportable incidents have occurred during this audit period which include:</p> <ul style="list-style-type: none"> <i>Minor Investigative Geotechnical Work</i> - TransGrid became aware of the non-compliance on or about 11 May 2023. TransGrid notified DCCEEW (Department of Climate Change, Energy, the Environment and Water) of the incident on 23 May 2023. A report prepared which included relevant details from a, b and c. It is unclear if report was sent to DCCEEW for review. <i>Elliot Way intersection Turbid Water Discharge</i> - There is no verifiable evidence to support the Department was notified of the incident that occurred on the 21 February 2024. 	NC-12
28	The approval holder must ensure that an independent audit of compliance with the conditions is conducted for every five-year period following the commencement of the Action until this approval expires, unless otherwise specified in writing by the Minister.		Not triggered		
29	<p>For each independent audit, the approval holder must:</p> <ol style="list-style-type: none"> Provide the name and qualifications of the nominated independent auditor, the draft audit criteria, and proposed timeframe for submitting the audit report to the department prior to commencing the independent audit. Only commence the independent audit once the nominated independent auditor, audit criteria and timeframe for submitting the audit report have been approved in writing by the department. Submit the audit report to the department for approval within the timeframe specified and approved in writing by the department. Publish each audit report on the website within 15 business days of the date of the department's approval of the audit report. Keep every audit report published on the website until this approval expires. 		Not triggered		
30	Each audit report must report for the five-year period preceding that audit report.		Not triggered		
31	Each audit report must be completed to the satisfaction of the Minister and be consistent with the department's Environment Protection and Biodiversity Conservation Act 1999 Independent Audit and Audit Report Guidelines (2019), or any subsequent official version.		Not triggered		
31	The approval holder must notify the department electronically 60 business days prior to the expiry date of this approval, that the approval is due to expire.		Not triggered		
32	Within 20 business days after the completion of the Action, and, in any event, before this approval expires, the approval holder must notify the department electronically of the date of completion of the Action and provide completion data.		Not triggered		
33	The approval holder must notify the department in writing of any proposed change to the State Infrastructure Approval that may relate to protected matters within 2 business days of formally proposing a change and within 5 business days of becoming aware of any proposed change.		Not triggered		

Snowy 2.0 Transmission Connection Project (EPBC 2018/8363)

Condition No.	Requirement	Evidence Collected	Compliance Status	Independent Audit Findings and Recommendations	Unique ID on NC
34	The approval holder must notify the department in writing of any change to the State Infrastructure Approval conditions that may relate to protected matters, within 10 business days of a change to conditions being finalised.		Not triggered		
35	The approval holder may, at any time, apply to the Minister for a variation to an action management plan approved by the Minister or as subsequently revised in accordance with these conditions, by submitting an application in accordance with the requirements of section 143A of the EPBC Act. If the Minister approves a revised action management plan (RAMP) then, from the date specified, the approval holder must implement the RAMP in place of the previous action management plan.		Not triggered		
36	The approval holder may choose to revise an action management plan approved by the Minister under condition 5 or as subsequently revised in accordance with these conditions, without submitting it for approval under section 143A of the EPBC Act, if the taking of the Action in accordance with the RAMP would not be likely to have a new or increased impact.		Not triggered		
37	<p>If the approval holder makes the choice under condition 37 to revise an action management plan without submitting it for approval, the approval holder must:</p> <ul style="list-style-type: none">a. Notify the department electronically that the approved action management plan has been revised and provide the department with:<ul style="list-style-type: none">(i) an electronic copy of the RAMP;(ii) an electronic copy of the RAMP marked up with track changes to show the differences between the approved action management plan and the RAMP;(iii) an explanation of the differences between the approved Action management plan and the RAMP;(iv) the reasons the approval holder considers that taking the Action in accordance with the RAMP would not be likely to have a new or increased impact; and(v) written notice of the date on which the approval holder will implement the RAMP (RAMP implementation date), being at least 20 business days after the date of providing notice of the revision of the action management plan, or a date agreed to in writing with the department.b. Subject to condition 40, implement the RAMP from the RAMP implementation date.		Not triggered		
39	The approval holder may revoke its choice to implement a RAMP under condition 37 at any time by giving written notice to the department. If the approval holder revokes the choice under condition 37, the approval holder must implement the action management plan in force immediately prior to the revision undertaken under condition 37.		Not triggered		
40	<p>If the Minister gives a notice to the approval holder that the Minister is satisfied that the taking of the Action in accordance with the RAMP would be likely to have a new or increased impact, then:</p> <ul style="list-style-type: none">a. Condition 37 does not apply, or ceases to apply, in relation to the RAMP.b. The approval holder must implement the action management plan specified by the Minister in the notice.		Not triggered		
41	<p>At the time of giving the notice under condition 40, the Minister may also notify that for a specified period of time, condition 37 does not apply for one or more specified Action management plans.</p> <p>Note: Conditions 37, 38, 39 and 40 are not intended to limit the operation of section 143A of the EPBC Act which allows the approval holder to submit a revised Action management plan, at any time, to the Minister for approval.</p>		Not triggered		

Snowy 2.0 Transmission Connection Project (Environmental Impact Statement - Statement of Commitments (Jacobs 2021))					
Condition No.	Requirement	Evidence Collected	Compliance Status	Independent Audit Findings and Recommendations	Unique ID on NC
Construction Environmental Management					
	The management of environmental impacts during construction would be documented in the CEMP. The CEMP would provide a centralised mechanism through which all potential construction-related environmental impacts will be managed. It would also provide the overall framework for the system and procedures to ensure that environmental impacts are minimised, and that legislative and approval requirements are fulfilled.	Construction Environmental Management Plan - Maragle 330kV Switching Station and 330kV Transmission Line Connections dated 20/10/2023	Compliant	Aspects and impacts register is included as Appendix G.	
	<p>The CEMP would include:</p> <ul style="list-style-type: none"> TransGrid's and the Contractor's environmental policy, objectives, and performance targets for construction Reference to all relevant statutory and other obligations, including consents, licenses and approvals Management policies, procedures, and review processes to assess the implementation of mitigation measures and the environmental performance of the project against the objective and targets <ul style="list-style-type: none"> Requirements and guidelines for management in accordance with The mitigation measures specified in this EIS Requirements in relation to incorporating and implementing mitigation measures and emergency response procedures Roles and responsibilities of all personnel and contractors to be employed on site Incident and contingency management procedures Procedures for complaints handling and ongoing communication with the community Monitoring and auditing program, as defined by this EIS and the conditions of the approval. 	Construction Environmental Management Plan - Maragle 330kV Switching Station and 330kV Transmission Line Connections dated 20/10/2023	Compliant	<p>The environmental management system for the Project is outlined in Section 4 of the CEMP with UGL Environmental Policy attached as Appendix B of the CEMP, However the CEMP does not include TransGrid's Environmental Policy.</p> <p>Included in Section 3 Included in Section 9</p> <p>EIS mitigation measures are not included however it is noted assessment specific mitigation measures are included within their respective management plan. Requirements in relation to incorporating and implementing mitigation measures and emergency response procedures are detailed within each respective management plan.</p> <p>Included in Section 4.11 Included in Section 8 Included in Section 7.4 Included in Section 9.</p> <p>Recommendation: It is recommended the CEMP is revised to include TransGrid's Environmental Policy.</p>	
	<p>The CEMP would comprise a main CEMP document, issue-specific sub-plans, activity-specific procedures and strategies, and site-based control maps as relevant. These include:</p> <ul style="list-style-type: none"> Rehabilitation plan Spoil management plan Construction traffic management plan (CTMP) Biodiversity management plan Soil and water management plan (SWMP) Cultural heritage management plan (CHMP) Historic and natural heritage management plan Flood management plan (FMP) Contaminated land management plan (CLMP) and associated NOA management plan (if required) Prepare-Act-Survive bushfire response plan Construction waste management plan (CWMP) <p>Worker accommodation strategy.</p>	Construction Environmental Management Plan - Maragle 330kV Switching Station and 330kV Transmission Line Connections dated 20/10/2023	Compliant	<p>The CEMP outlines the following subplans associated with the Project:</p> <ul style="list-style-type: none"> Rehabilitation Plan Spoil Management Plan Construction traffic Management Plan referred to as the Traffic and Transport Management Plan Biodiversity Management Plan Soil and Water Management Plan Cultural Heritage Management Plan Historic and Natural Heritage Management Plan Flood Management Plan (FMP) referred to as the Flood Response Plan in the Emergency Plan Contaminated Land Management Plan Prepare-Act-Survive Bushfire Response Plan referred to as the Bushfire Plan in the Emergency Plan Construction Waste Management Plan <p>The CEMP does not include Worker Accommodation Strategy. It is noted that EIS Commitment SE2 outlines specific commitment regarding this strategy so compliance has been assessed there.</p>	
Biodiversity					
B1	A biodiversity management plan will be prepared and implemented during construction. It will	Biodiversity Management Plan	Compliant	A Biodiversity Management Plan has been prepared prior to the commencement of construction and is being implemented. The Biodiversity Management Plan	

Snowy 2.0 Transmission Connection Project (Environmental Impact Statement - Statement of Commitments (Jacobs 2021))					
Condition No.	Requirement	Evidence Collected	Compliance Status	Independent Audit Findings and Recommendations	Unique ID on NC
	<p>include the following measures:</p> <ul style="list-style-type: none"> The boundary of the clearing limits for the transmission corridor will be clearly marked on site by a surveyor before construction commences. Exclusion zones, or 'No-Go' zones, will be clearly marked at the edge of the final disturbance boundary to protect the vegetation to be retained from inadvertent direct impacts. Exclusion zones and the edge of the clearing boundary will be marked with high visibility fencing and signage Where possible, within areas of retained vegetation that are not impacted by Snowy 2.0, a 50 metre exclusion zone (buffer) around Booroolong Frog habitat will be clearly demarcated by fencing and signage and identified on maps for construction personnel. This buffer is separate to the Snowy 2.0 exclusion area around breeding habitat which has its own restriction. The habitat buffer is particularly important for the proposed crossing of Sheep Station Creek. The demarcation will serve to identify the ecological sensitivity of the land and only approved works with adequate controls in place will be permitted to be undertaken Where works will be undertaken within the 50 metre riparian buffer zone for the Booroolong Frog, an ecologist will inspect all vegetation, rocks, logs and other shelter sites to locate any frogs. Frogs will be relocated to the designated relocation site. If works are undertaken outside of the active period (April to September) frogs will be taken into the care of an appropriately qualified and licensed carer (this will require an agreement to be reached with a carer before works commence) Pre-clearing surveys will be conducted prior to clearing, including translocation of fauna into areas of retained vegetation. Refinement of the clearing extent required for the transmission corridor will be undertaken as necessary. The final clearing extent will be documented. This information will be used to inform and refine the Biodiversity Offset Strategy and offset requirements for the project. This process involves the preparation of a pre-clearing report All areas not retained for permanent infrastructure within the project area will be rehabilitated in accordance with a Rehabilitation plan to be developed in consultation with NPWS and FCNSW Cleared native vegetation will be mulched and stockpiled for use during rehabilitation Hollows logs and limbs will be retained for placement within retained vegetation and reuse during rehabilitation 	dated 22/11/2023		addresses the requirements outlined by this commitment.	
B2	<ul style="list-style-type: none"> Erosion and sedimentation will be managed through implementation of effective sediment control measures as outlined in the soil and water management plan (SWMP) will be prepared Revegetation of slopes will be undertaken as soon as possible in line with the Rehabilitation Plan 	Soil and Water Management Plan dated 24/11/2023	Compliant	<p>Erosion and sediment control mitigation and management measures are outlined in SWMP.</p> <p>Rehabilitation Management Plan has not been prepared at this stage of the Project as construction has only commenced.</p>	
B3	<ul style="list-style-type: none"> Where possible the barbed wire/razor wire fencing installed around the substation switchyard will have improved visibility measures installed, such as adding visible (and often audible) objects to the fence, for example tape, plastic flags and metal tags. 		Not triggered		
B4	<ul style="list-style-type: none"> Vehicle movements on newly formed access tracks will be limited to a 20 km/h speed limit implemented to reduce the risk of vehicle strike to 		Compliant	Speed limits observed onsite. Speeds were limited to 20 km/hr.	

Snowy 2.0 Transmission Connection Project (Environmental Impact Statement - Statement of Commitments (Jacobs 2021))					
Condition No.	Requirement	Evidence Collected	Compliance Status	Independent Audit Findings and Recommendations	Unique ID on NC
	fauna.				
B5	<ul style="list-style-type: none"> A weed and pathogen monitoring program will be implemented during construction and operation, with weed control to occur if new weed outbreaks are identified within the construction footprint. During the clearing works, weeds will be disposed and managed appropriately to stop the spread of existing weed species Wash down stations will be constructed at suitable locations to wash down vehicles and employee shoes to stop the spread of weeds, pathogens (including amphibian chytrid fungus, <i>Phytophthora cinnamomi</i> and exotic rust fungi) and the introduction of new species A pest and predator monitoring program will be implemented to ensure the works do not result in a significant increase in numbers of pest and predatory species Waste will be stored appropriately in inaccessible bins and disposed off-site. The details of the monitoring program will be determined during the preparation of the Biodiversity Management Plan. 	Biodiversity Management Plan dated 22/11/2023	Compliant	Weed and Pathogen management is included in Section 5.10 and Appendix H of the BMP.	
B6	Artificial lighting required during construction in the early morning and late afternoon in winter will be limited to within approved construction hours.		Compliant	The site is closed over winter. No construction is expected to occur (J. Snape per comms).	
B7	Monitoring of threatened species to ensure impacts arising from the project are within predicted levels. The details of the monitoring program will be determined during the preparation of the Biodiversity Management Plan.	Biodiversity Management Plan dated 22/11/2023	Compliant	Monitoring programs are included for threatened species. These programs are outlined in the Biodiversity Management Plan. Monitoring programs include the Glider Connectivity Strategy (Appendix J) and Booroolong Frog Monitoring Program (Appendix G).	
B8	Directional lighting will be used for any permanent lighting required (i.e. substation) to minimise light spill as much as possible.		Not triggered	No permanent structures have been constructed during this audit period (B. Toohey per comms).	
Aboriginal Heritage					
AH1	During detailed design, if the disturbance area changes but is still within the project area, a consistency assessment will be prepared to confirm if impacts are consistent with the EIS.		Not triggered	No significant changes to the Project design have occurred from what was assessed in the EIS.	
AH2	The area of access track atop Sheep Station Ridge which has not been surveyed will be surveyed in consultation with the RAPs once suitable access to the area has been established. Any areas or items of Aboriginal cultural heritage significance identified as part of this additional investigation will be managed in accordance with measures developed in consultation with RAPs. These measures will be included in the CHMP prepared for the project.		Compliant	Sheep Station Ridge has not been surveyed during this audit period due to safety concerns with access.	
AH3	A CHMP will be prepared, to guard against inadvertent impacts to Aboriginal objects during construction. The CHMP will specify that project works will be restricted to the disturbance area. It will include provisions to ensure workers are made aware of cultural heritage places and their value, for example through project inductions. The CHMP will include provisions to guard against indirect impact to AHIMS# 56-6-0041	Aboriginal Heritage Management Plan dated 2/08/2023	Compliant	An Aboriginal Heritage Management Plan has been prepared prior to construction and forms part of the Heritage management Plan for the Project. The Aboriginal Heritage Management Plan addresses all requirements outlined in this commitment.	

Snowy 2.0 Transmission Connection Project (Environmental Impact Statement - Statement of Commitments (Jacobs 2021))					
Condition No.	Requirement	Evidence Collected	Compliance Status	Independent Audit Findings and Recommendations	Unique ID on NC
AH4	A Salvage Excavation Method Document will be prepared prior to carrying out the salvage excavation works at the four impacted items (ST PAD 01, ST PAD 02, PAD 03 and AHIMS# 56-6-0477). This document will be provided to RAPs, who will be given a 28-day period to review the document and provide feedback. An indicative method to be followed during salvage excavations is provided in Section 12.1 of the ACHAR.	Aboriginal Heritage Management Plan dated 2/08/2023	Compliant	Included as Appendix B Salvage Methodology of the Aboriginal Management Plan.	
AH5	Salvage collection of surface artefacts will be carried out, prior to project construction, at ST PAD 03 and AHIMS# 56-6-0477.	Maragle Switching Station and Transmission Line Connection Works Site Collection Report dated March 2024	Compliant	A program of surface collection was completed for associated Aboriginal sites and reported in Maragle Switching Station and Transmission Line Connection Works Site Collection Report in accordance with Aboriginal Heritage Management Plan.	
AH6	Salvage collection of surface artefacts, and salvage excavations will be carried out, at ST PAD 01 and ST PAD 02. Collection of surface artefacts at ST PAD 01 will also salvage any artefacts from the previously recorded surface sites within this PAD's boundaries, these sites being AHIMS# 56-6- 0009, AHIMS# 56-6-0495, AHIMS# 56-6-0496, and AHIMS# 56-6-0497. It is assumed that ST PAD 01, ST PAD 02, AHIMS# 56-6-0009, AHIMS# 56-6-0495, AHIMS# 56-6- 0496, AHIMS# 56-6-0497 and AHIMS# 56-6-0477 are intact and have not been either destroyed through activities of Snowy 2.0 or salvaged by the Snowy 2.0 archaeological team. If these sites have been entirely salvaged or destroyed by the Snowy 2.0, then the mitigation measures relating to salvage collection and excavation at these sites will not apply.	Maragle Switching Station and Transmission Line Connection Works Site Collection Report dated March 2024	Compliant	A program of surface collection was completed for associated Aboriginal sites and reported in Maragle Switching Station and Transmission Line Connection Works Site Collection Report in accordance with Aboriginal Heritage Management Plan.	
AH7	In the event that a site or artefact (as defined by the NPW Act or Heritage Act) is identified during construction works, works will cease at the location and no further harm to the object will occur. The find will be immediately reported to TransGrid, and the regulator in accordance with legislation. No work will commence in the vicinity of the find until any required approvals have been given by the regulator. In the event that skeletal remains are encountered during the activity, works must stop immediately, the area secured to prevent unauthorised access and TransGrid, NSW Police and Heritage NSW contacted.	Narvin Heritage Consultants Unexpected Find Email Correspondence dated 07/03/2024, 13/03/2024 UGL to Transgrid Unexpected Find Email Correspondence dated 07/03/2024 Heritage NSW Unexpected Find Email Correspondence dated 12/03/2024	Compliant	Refer to B24.	
Non-Aboriginal Heritage					
NH1	During detailed design, if the disturbance area changes but is still within the project area, a consistency assessment will be prepared to confirm if impacts are consistent with the EIS.		Not triggered	No significant changes to the Project design have occurred from what was assessed in the EIS.	
NH2	A historic and natural heritage management plan will be prepared for the project, which clearly outlines the extent of impact to each recorded historic heritage item within the disturbance area and potential impacts to those sites located within the broader project area. The plan should clearly outline measures for their protection (where applicable) and details of further investigation and archaeological archival recording where appropriate.	Historic Heritage Management Plan dated 10/08/2023	Compliant	An Historic Heritage Management Plan has been prepared prior to construction and forms part of the Heritage management Plan for the Project. The Historic Heritage Management Plan addresses all requirements outlined in this commitment.	
NH3	All heritage items within the disturbance area that are to be impacted by the project will be subject to archival recording and archaeological excavations prior to the commencement of works. If these sites have been entirely destroyed by the Snowy 2.0, then the mitigation measures relating to archival recording and archaeological excavations will not apply.	Maragle Switching Station and Transmission Line Connection Works Post Approvals Historic Management Actions Report (Draft) by Navin Heritage Consultants dated March 2024	Compliant	Prior to carrying out activities that could potentially harm historic further assessments was undertaken by Navin Hertiage Consultants to determine management actions. Detailed in Section 6 of the Post Approvals Historic Management Actions Report archival recordings were only required to be undertaken R56 and R120. Archival records are included in Appendix 3 of the Post Approvals Historic Management Actions Report.	

Snowy 2.0 Transmission Connection Project (Environmental Impact Statement - Statement of Commitments (Jacobs 2021))					
Condition No.	Requirement	Evidence Collected	Compliance Status	Independent Audit Findings and Recommendations	Unique ID on NC
NH4	If the construction of the project will destroy or directly impact the R45 (Lobs Hole Copper Mine Water Race), archival recording and archaeological excavation must occur prior to the commencement of construction. An archaeological research design and methodology must be produced in keeping with the Historical Archaeology Code of Practice (Heritage Council of NSW, 2006).	Maragle Switching Station and Transmission Line Connection Works Post Approvals Historic Management Actions Report (Draft) by Navin Heritage Consultants dated March 2024	Compliant	Detailed in Section 6 of the Post Approvals Historic Management Actions Report archival recordings were only required to be undertaken R56 and R120. Archival records are included in Appendix 3 of the Post Approvals Historic Management Actions Report.	
NH5	In the event that a site or artefact (as defined by the NPW Act or Heritage Act) is identified during construction works, works will cease at the location and no further harm to the object will occur. The find will be immediately reported to TransGrid, and the regulator in accordance with legislation. No work will commence in the vicinity of the find until any required approvals have been given by the regulator. In the event that skeletal remains are encountered during the activity, works must stop immediately, the area secured to prevent unauthorised access and TransGrid, NSW Police and DPIE contacted.		Not triggered	No historic heritage sites or artefacts have been identified during construction works.	
Water					
W1	The waterway crossing over flood impacted waterways such as Sheep Station Creek will be designed and constructed in a way that minimises flood risk and minimise upstream and downstream impacts. The waterway crossing will be designed to ensure flow and drainage is maintained in waterways where construction works are taking place or where the permeant waterway crossing will be. The waterway crossing will be constructed in accordance with minimum design criteria for waterway crossings outlined in Why do fish need to cross the road? Fish passage requirements for waterway crossings (Fairfull and Witheridge, 2003).		Compliant	At the time of the audit, the bridge crossing over sheep station creek was undergoing detailed design (A. Dwyer per comms). No designs have been finalised during this audit period.	
W2	<ul style="list-style-type: none"> Flood modelling will be undertaken at the detailed design stage to define flood behaviour for the existing conditions due to mainstream and overland flooding. The flood models will be utilised to identify and address potential impacts of the proposed works for construction and operation of the project on flooding Overland flooding impacts will be considered during detailed design, to ensure that the substation's drainage and stormwater system is adequate, and the substation's platforms are above the required flood immunity Structures within the flood extent will be designed with appropriate foundation to ensure stability against hydrostatic pressure and debris load. 		Compliant	The Project is still undergoing detailed design (B. Toohey per comms).	
W3	<p>A SWMP will be prepared and implemented prior to and during construction. The SWMP will include:</p> <ul style="list-style-type: none"> Erosion and sediment control plans for all stages of construction Details on the construction and management of sediment basin if determined to be required Protection of waterways such as scour protection, stabilisation and revegetation Any imported fill will be certified at source locations as pathogen and weed free Excavated Natural Material or Virgin Excavated Natural Material) Management of stockpiles and spoil Tannin leachate management controls Management of accidental spills, response and reporting An induction protocol Responsibilities for all management measures. 	<p>Soil and Water Management Plan (SWMP) dated 24/11/2023</p> <p>Primary Erosion and Sediment Control Plan (ESCP) dated 1/11/2023</p> <p>Spoil Management Plan dated 24/11/2023.</p>	Compliant	<p>A Soil and Water Management Plan has been prepared by NGH Environmental. The SWMP includes the following required elements:</p> <ul style="list-style-type: none"> A Primary Erosion and Sediment Control Plan (ESCP) and Progressive ESCPs have been prepared. The Progressive ESCP details the staged erosion and sediment controls to be installed across the project area. The Primary ESCP states that the progressive ESCPs will be updated as required to reflect work activities. Sediment Basin Construction and Maintenance Instructions are included in PESCP29 in Appendix E of the SWMP. Protection of waterways is addressed in various sections throughout the SWMP and its appendices. The classification of imported fill is addressed in Section 4.4 of the Spoil Management Plan (Appendix A of the SWMP). Spoil and stockpile management is included in Appendix A – Spoil Management Plan – of the SWMP Tannin leachate management controls are documented within Section 5.2 of 	

Snowy 2.0 Transmission Connection Project (Environmental Impact Statement - Statement of Commitments (Jacobs 2021))					
Condition No.	Requirement	Evidence Collected	Compliance Status	Independent Audit Findings and Recommendations	Unique ID on NC
	All erosion and sediment control measures will be designed, implemented, progressively rehabilitated and maintained in accordance with relevant sections of Managing Urban Stormwater: Soil and Construction Volume 1 (Landcom, 2004) ('the Blue Book') (particularly Section 2.2) and Managing Urban Stormwater: Soil and Construction Volume 2A – Installation of Services (DECC, 2008).			<p>the SWMP.</p> <ul style="list-style-type: none"> • A spill response procedure documented in Appendix B of the SWMP. • An induction protocol is included within Section 6.2 of the SWMP. • Responsibilities are detailed and addressed within Section 5 and Section 6.1 of the SWMP. <p>This requirement is documented within the SWMP and the Primary ESCP.</p>	
W4	<ul style="list-style-type: none"> • All chemicals or other hazardous substances will be stored in a bunded area and away from any drainage lines/pits. The capacity of the bunded area will be at least 130% of the largest chemical volume contained within the bunded area • No refuelling or bulk herbicide preparation will occur within 40 m of natural drainage lines • Environmental spill kits containing spill response materials suitable for the works being undertaken will be kept on site at all times and be used in the event of a spill • Any spills will be contained, cleaned up promptly and immediately reported to the relevant site representative. 	Soil and Water Management Plan dated 24/11/2023	Non-compliant	<p>Considered via Management Measure SWM32 in Section 5 of the SWMP. It was observed during the audit period that chemicals were stored within a bunded container.</p> <p>Considered via Management measure SWM34 in Section 5 of the SWMP.</p> <p>During the audit period it was observed that a temporary generator was installed and operating within 40 m of a drainage line at Maragle Temporary Project Compound. While refuelling of the generator was not observed during the site inspection it is likely that it would occur in-situ (i.e. within 40 m of the drainage line).</p> <p>Recommendation: It is recommended the generator be relocated further away from the drainage line (outside of the 40 m drainage line buffer).</p> <p>Considered via Management measure SWM35 in Section 5 of the SWMP.</p> <p>During the audit period spill kits were observed at various locations across the site. Spill kits were observed to contain required materials to assist in the event of a spill.</p> <p>Considered via Management measure SWM35 in Section 5 of the SWMP.</p>	NC-13
W5	<ul style="list-style-type: none"> • The SWMP will include arrangements for managing wet weather events, including monitoring of potential high risk events (such as storms) and specific controls and follow-up measures to be applied in the event of wet weather • Where required, adequate sediment controls (including the consideration of sediment basins) will be included in the access track design to manage erosion and sedimentation and associated impacts on receiving waters. 	Soil and Water Management Plan dated 24/11/2023	Compliant	<p>Considered via Management measures SWM51 and SM29 in Section 5 of the SWMP. Wet weather preparedness and response is also addressed in management measures ESC68-ESC70 in Section 5 of the ESCP and addresses pre-rainfall inspections and required controls.</p> <p>Considered via Management measure SWM8 in Section 5 of the SWMP.</p> <p>Erosion and Sediment Controls for access tracks are documented within the Progressive ESCPs for the project.</p>	
W6	<p>Temporary dewatering for construction is not anticipated. In the event that dewatering is required then the following management measures will apply:</p> <ul style="list-style-type: none"> • Confirmation of whether or not a licence under the WM Act as defined under the NSW Aquifer Interference Policy (DPI Water, 2012) is required prior to any dewatering activity commencing • If dewatering is required, the management of discharge water will be documented in the SWMP Discharge water will be limited to vegetated, grassed areas, away from waterways, and within the construction footprint. If the discharge water is highly turbid, dewatering through a filter sock (or similar), or via transportable sedimentation tanks will be considered, where appropriate, to minimise sedimentation. 	Soil and Water Management Plan dated 24/11/2023	Compliant	<p>No dewatering has occurred to date.</p> <p>Considered via Management measures SWM44-45 in Section 5 of the SWMP. Section 5.5 of the SWMP addresses dewatering.</p> <p>Water Irrigation and Disposal Permit included in Appendix I of SWMP.</p>	
W7	<p>A flood management plan (FMP) will be prepared for the project and will detail the processes for flood preparedness, materials management, weather monitoring, site management and flood incident management.</p> <p>The FMP will also address procedures and responsibilities for flood response (preparation of site upon receipt of flood warning, evacuation of site personnel) during and recovery following a flood event.</p>	Emergency Plan dated 30/08/2023	Compliant	<p>Flood management has been addressed within the Snowy 2.0 Transmission Connection Emergency Plan. The Emergency Plan addresses flood preparedness, materials management, weather monitoring, site and incident management.</p> <p>Appendix I of the Emergency Plan includes a Flood Response Procedure. Section 7.0 of the Emergency Plan documents recovery and restoration of the site following a flood event.</p>	
W8	Waterway crossing and access tracks will be inspected as part of the maintenance inspections to ensure all crossings remain in good condition.	Soil and Water Management Plan dated 24/11/2023	Compliant	Monitoring requirements for soil and water management including waterway crossings and access tracks is included in Table 6-1 of the SWMP.	

Snowy 2.0 Transmission Connection Project (Environmental Impact Statement - Statement of Commitments (Jacobs 2021))					
Condition No.	Requirement	Evidence Collected	Compliance Status	Independent Audit Findings and Recommendations	Unique ID on NC
Land					
L1	Targeted geological investigations will be undertaken in areas of surface disturbance using a risk based approach. Results from these investigations will determine the level of management to be implemented for soils and contamination (including NOA).	Spoil Management Plan dated 24/11/2023	Compliant	UGL have programmed in geotechnical and contamination assessment in accordance with section 5.2 of the Spoil Management Plan. These works are scheduled to commence in May 2024 prior to earthworks and shall be completed progressively in line with the Earthworks Programme during the construction phase of the Project (J. Snape per comms).	
L2	<p>A contaminated land management plan will be prepared prior to construction works commencing. It will include management measures to</p> <ul style="list-style-type: none"> Manage areas of known or potential contamination that will be impacted during construction Manage unexpected finds in the event that unexpected contamination sources are identified (including NOA). This will include guidance on identifying potential contaminated land characteristics (visual, odours, etc), steps to cease works in the affected area, further investigation to assess the extent, magnitude and type of contaminants and appropriate remedial actions. 	Soil and Water Management Plan dated 24/11/2023	Compliant	Included in Soil and Water Management Plan and listed as Appendix H.	
L3	<ul style="list-style-type: none"> Further assessment will be carried out during the geotechnical investigation for the project to verify the presence/absence of NOA within the NOA risk zones. Should NOA be detected, a NOA management plan will be prepared and implemented to guide the handling, transport and disposal of the material NOA awareness training will be provided to all staff and contractors working in areas with NOA risk If asbestiform and/or indicator minerals and/or textures are encountered or suspected during excavation works, work is to stop in the area and management be alerted. The area will be isolated with a 10 metre exclusion zone and sign posted, access will be restricted and specialist geological and occupational hygiene advice will be sought prior to further progressing work in that area. 	Spoil Management Plan dated 24/11/2023	Not triggered	As outlined in the Spoil Management Plan known areas of NOA are located between towers 10 and 14. No works have commenced in these areas during the audit period (J. Snape per comms).	
L4	<p>A spoil management strategy will be prepared for the project. The spoil management plan will outline appropriate management procedures for the generation, management and importation (if required) of spoil. It will include, but not be limited to:</p> <ul style="list-style-type: none"> Confirming spoil quantities Carrying out appropriate assessments, including geotechnical investigations Procedures for classification of spoil Identification of spoil reuse measures, including segregation of soils as subsoils and topsoils Spoil stockpile management procedures including minimising the number of stockpiles, area and time they are exposed, and locating stockpiles away from drainage lines and natural waterways and from where they will be susceptible to erosion Spoil haulage routes Spoil disposal and reuse locations Imported spoil sources and volumes. 	Spoil Management Plan dated 24/11/2023	Compliant	A Spoil Management Plan has been prepared prior to the commencement of construction. The management plan addresses all of the requirements outlined in this condition.	
L5	Management of topsoil stockpiles and other excavated material stockpiles to minimise dust and sediment in runoff will include:	Primary Erosion and Sediment Control Plan dated 1/11/2023	Compliant	Stockpile management requirements are included in Section 5.2 of the Primary Erosion and Sediment Control Plan.	

Snowy 2.0 Transmission Connection Project (Environmental Impact Statement - Statement of Commitments (Jacobs 2021))					
Condition No.	Requirement	Evidence Collected	Compliance Status	Independent Audit Findings and Recommendations	Unique ID on NC
	<ul style="list-style-type: none"> Minimising the number of stockpiles, area and time they are exposed Locating stockpiles away from drainage lines and natural waterways and from where they will be susceptible to erosion Stockpiles will be bunded in accordance with the Blue Book (Landcom, 2004) Managing Urban Stormwater – Soils and Construction, Volume 1, 4th Edition) <p>Stabilise stockpiles, establish sediment controls and suppress dust as required.</p>				
L6	<p>Excavated material will be managed in accordance with the spoil management strategy.</p> <ul style="list-style-type: none"> Where applicable, excess spoil will be re-used for other elements of the project such as access track construction. Where spoil cannot be reused it will be managed as per the SWMP. Alternatively, excess material will be disposed of at other suitable locations (including at Ravine Bay emplacement area) as agreed to with NPWS, FCNSW or at a suitable and licenced waste facility as documented in the spoil management strategy Material which has been assessed as not suitable for reuse on land or for subaqueous disposal at the Ravine Bay emplacement area (as part of the Snowy 2.0 management procedure) or cannot be reused will be classified in accordance with the Waste Classification Guidelines (EPA, 2014). Excavated material will be transported to an appropriate excavated material disposal area. Approval will be obtained prior to transport and will require an estimate of the likely volume of excavated material to be disposed 	Spoil Management Plan dated 24/11/2023	Compliant	Requirements of this condition are outlined in the Spoil Management Plan.	
L7	Excavated material to be disposed in the Ravine Bay emplacement area will be transported to the emplacement area by TransGrid and/or contractor and then managed by Snowy Hydro in accordance with the relevant approved Snowy 2.0 Rehabilitation Plan prepared by Snowy Hydro.		Not triggered	Rehabilitation Management Plan is currently being prepared.	
L8	The CEMP will include measures to identify and report any newly identified geodiversity sites. It will also include measures to minimise impacts to known geodiversity sites	<p>Soil and Water Management Plan dated 24/11/2023</p> <p>Heritage Management Plan dated 10/08/2023</p>	Compliant	<p>The CEMP does not reference measures to identify and report any newly identified geodiversity sites however it is included in relevant CEMP subplans including the Soil and Water Management Plan and Heritage Management Plan.</p> <p>Recommendation: It is recommended the CEMP is revised to include measures to identify, minimise impacts and report on any new identified geodiversity sites.</p>	
L9	<p>A Rehabilitation Plan will be prepared in consultation with NPWS and FCNSW to guide the long term rehabilitation of the project. The rehabilitation plan will be based on the rehabilitation strategy outlined in Section 5.4.10 and will:</p> <ul style="list-style-type: none"> Include a detailed plan for rehabilitation of the site Characterise the soil types within the disturbance area Include details of soil management measures, including Topsoil stripping and stockpiling procedure Subsoil management measures Soil reinstatement methodology which includes a topsoil application procedure Include measures to minimise: Loss of soil Loss of organic matter, nutrient and soil decline 		Not triggered	Rehabilitation Management Plan is currently being prepared.	

Snowy 2.0 Transmission Connection Project (Environmental Impact Statement - Statement of Commitments (Jacobs 2021))

Condition No.	Requirement	Evidence Collected	Compliance Status	Independent Audit Findings and Recommendations	Unique ID on NC
	<ul style="list-style-type: none"> • Compaction • Consideration of how rehabilitation will be carried out where soils are unable be recovered, or soils are poor/unfit for re-use • Include detailed performance and completion criteria for evaluating the performance of the rehabilitation of the sites, and triggering any remedial action (if necessary) • Describe the measures that would be implemented to: • Comply with the rehabilitation objectives and associated performance and completion criteria • Progressively rehabilitate the site • Include a program to monitor and report the effectiveness of these measures. 				
Transport					
T1	<p>A CTMP will be prepared and implemented and will include</p> <ul style="list-style-type: none"> • Confirmation of haulage routes • Measures to maintain access to local roads, and maintain the capacity of existing roads where possible • Site specific traffic control measures (including signage) to manage and regulate traffic movement • Requirements and methods to consult and inform the local community of impacts on the local road network due to the development-related activities • Consultation with TfNSW, and Snowy Valleys Council, NPWS, FCNSW and Snowy Hydro’s contractors • Consultation with the emergency services to ensure that procedures are in place to maintain safe, priority access for emergency vehicles and emergency management activities • Access to construction sites including entry and exit locations and measures to prevent construction vehicles queuing on Elliott Way • A response plan for any construction related traffic incident • Monitoring, review and amendment mechanisms • Individual traffic management requirements at each phase of construction • Measures to minimise the number of workers using private vehicles travelling to and from project area west • Employment of standard traffic management measures to minimise short-term traffic impacts expected during construction • Management of oversized vehicles • Relevant traffic safety measures, including appropriate signage, driver conduct and safety protocols • Identify requirements for, and placement of, traffic barriers. <p>The CTMP will also consider the following strategies to maintain access for regular and emergency management activities:</p> <ul style="list-style-type: none"> • Staging of construction works to avoid the need for roads to be fully closed for any extended period of time 	Utilities Transmission Line Traffic And Transport Management Plan (dated 27/09/2023)	Compliant	All requirements are addressed in Traffic and Transport Management Plan.	

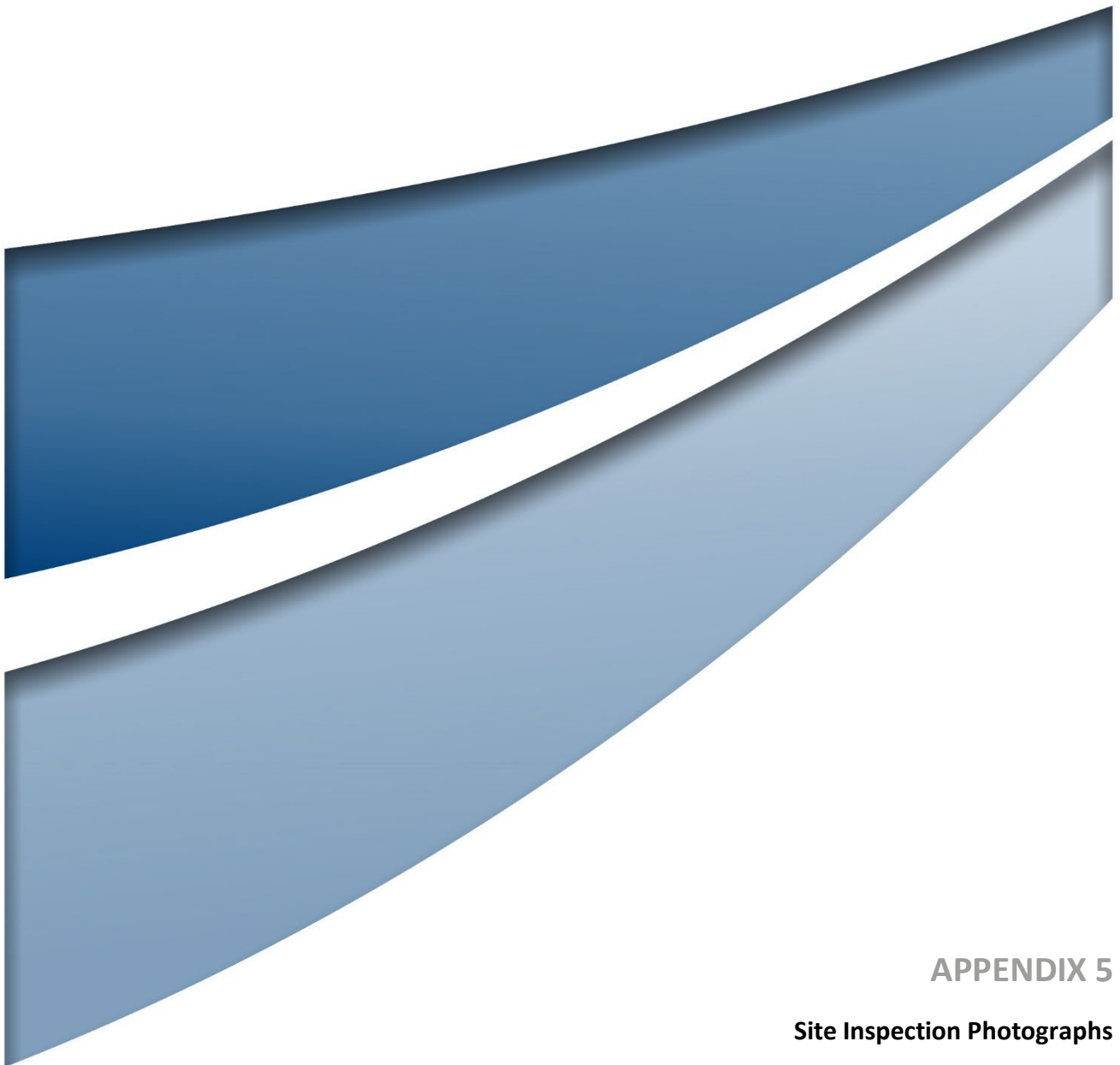
Snowy 2.0 Transmission Connection Project (Environmental Impact Statement - Statement of Commitments (Jacobs 2021))					
Condition No.	Requirement	Evidence Collected	Compliance Status	Independent Audit Findings and Recommendations	Unique ID on NC
	<ul style="list-style-type: none"> Development of alternative access routes in consultation with NPWS and emergency services if any closures are required Provision of sufficient shoulder width or regular stopping bays to allow regular and emergency vehicles to pass or stop. 				
T2	If works will affect the free flow of traffic a Traffic Control Plan will be prepared, and a Road Occupancy Licence will be obtained from TfNSW.		Not triggered		
T3	Road maintenance will be managed through the following measures: <ul style="list-style-type: none"> A Road Dilapidation Report will be prepared prior to and following construction of the project. Any impacts identified as caused by the project will be rectified as specified with any road maintenance agreements Routine defect identification and rectification of the access roads and tracks will be managed as part of the project maintenance procedure Access roads and tracks will be designed in accordance with the relevant vehicle loading requirements. 	Maragle Project Tumbarumba to O'Hares Campground NSW Dilapidation Survey Report dated November 2023 Utilities Transmission Line Traffic And Transport Management Plan (dated 27/09/2023)	Compliant	See Condition B29 of the Infrastructure Approval for details.	
T4	Affected communities, visitors, FCNSW, NPWS and emergency services will be notified in advance of any disruptions to traffic and restriction of access impacted by project activities.	Stakeholder and Community Engagement Plan dated August 2023	Compliant	Consultation has been carried out in accordance with the Stakeholder and Community Engagement Plan.	
T5	Access protocols within KNP will be undertaken in accordance with the MOU between TransGrid and NPWS for the Procedure for the Undertaking of Inspection, Maintenance and Emergency Works of TransGrid Network Assets and Associated Infrastructure.		Noted		
Landscape Character and Visual Impact					
VIA1	Detailed design will consider the retention of existing vegetation to the greatest extent practicable south of Elliott Way and around the substation to ensure that potential visual impacts from Elliott Way are minimised.	Visual Impact Management Plan dated 7/08/2023	Compliant	Included in Visual Impacts Management Plan.	
VIA2	<ul style="list-style-type: none"> All construction plant, equipment, waste and excess materials will be contained within the designated boundaries of the work site and will be removed from the site following the completion of construction Stockpiles will be stabilised to prevent erosion by wind and water and avoid the development of dust plumes adversely impacting air and visual quality On completion of the work disturbed areas will be stabilised and returned to as close to original condition. 	Soil And Water Management Plan dated 24/11/2023	Compliant	Requirements outline by this condition would be included in the Rehabilitation Management Plan which is currently being prepared however some details are included in the Soil And Water Management Plan. Condition will be revised upon the preparation of the Rehabilitation Management Plan.	
Noise and Vibration					
NV1	The standard techniques for controlling noise impacts during construction are presented in the ICNG. During construction relevant standard measures as outlined in Section 6 of the ICNG will be implemented.	Noise and Vibration Management Plan dated 27/07/2023	Compliant	Mitigation measures included in Section 7 of the Noise and Vibration Management Plan.	
NV2	Do not conduct vibration intensive works within the recommended safe setback distances. Avoid the use of vibration intensive plant within the nominated human comfort distances.	Noise and Vibration Management Plan dated 27/07/2023	Compliant	Included in Section 7 Table 7.1 of the Noise and Vibration Management Plan.	
NV3	Care will be taken when carrying out vibration-intensive activities (e.g. use of hydraulic rock breakers and vibratory rollers, and blasting) within distances approaching the recommended safe setback distances around heritage items R45 and R49. Where maintaining of these setback distances isn't possible a suitably qualified person will be present or monitoring will be undertaken during the works to suspend activities in the instance of any issues.	Noise and Vibration Management Plan dated 27/07/2023	Compliant	Included in Section 4.2 of the Noise and Vibration Management Plan.	

Snowy 2.0 Transmission Connection Project (Environmental Impact Statement - Statement of Commitments (Jacobs 2021))					
Condition No.	Requirement	Evidence Collected	Compliance Status	Independent Audit Findings and Recommendations	Unique ID on NC
NV4	A detailed blast plan will be prepared by the blasting contractor prior to each blast to mitigate the potential for the recommended safe setback distances being encroached.		Not triggered	No blasts have occurred during this audit period (J. Snape per comms).	
Air Quality					
AQ1	Air quality mitigation measures will include, but not be limited to: <ul style="list-style-type: none"> Identifying potential sources of air pollution Dust mitigation and suppression measures to be implemented Plant and equipment will be switched off when not in use Vehicles, plant and construction equipment will be appropriately sized for the task and properly maintained so as to achieve optimum fuel efficiency Materials will be delivered with full loads and will come from local suppliers, where possible Methods to manage work during strong winds or other adverse weather conditions A progressive rehabilitation of disturbed areas. 	Soil And Water Management Plan dated 24/11/2023	Compliant	Air quality mitigation measures are addressed in Section 5.8 of the Soil and Water Management Plan.	
Hazards and Risks					
HAZ1	All designs will be in accordance with the ICNIRP Guidelines for limiting exposure to time varying Electric and Magnetic Fields (1Hz – 100Hz) (ARPANSA, 2010) with consideration to the public and on-site workers.		Not triggered	The Project is still undergoing detailed design (B. Toohey per comms).	
HAZ2	The following lightning protection measures will be included in the detailed design: <ul style="list-style-type: none"> Each structure will be equipped with earthing fixtures Each transmission line will have two earthing lines at the top of each structure to provide protection to the conductors from lightning strike Lightning masts will be installed at the substation. 		Not triggered	The Project is still undergoing detailed design (B. Toohey per comms).	
HAZ3	A Prepare-Act-Survive bushfire response plan will be prepared for the project. The plan will be prepared according to Planning for Bush Fire Protection (RFS, 2019). The plan will include responsibilities associated with and details of <ul style="list-style-type: none"> Site specific hazards and risks for the project area Procedures to maintain bushfire awareness Bushfire mitigation measures Fire preparedness actions including: Evacuation triggers Evacuation routes Mustering points Neighbourhood safer places and refuges of last resort Instructions for sheltering in-vehicle if there are no other options. 	Emergency Plan dated 30/08/2023	Compliant	Bushfire risks and response are addressed in the Emergency Plan prepared for the Project. Specifically a Bushfire Plan which is listed as Appendix H of the Emergency Plan addresses the requirements set out by this condition.	

Snowy 2.0 Transmission Connection Project (Environmental Impact Statement - Statement of Commitments (Jacobs 2021))					
Condition No.	Requirement	Evidence Collected	Compliance Status	Independent Audit Findings and Recommendations	Unique ID on NC
HAZ4	<ul style="list-style-type: none"> For the main construction compounds, a minimum of 40 metres clearance is required between fuel/chemical storage points and woody vegetation. The construction compound buildings will have at least 20 metres clearance to the vegetation. Firefighting equipment will be maintained at and/or accessible to all active construction sites during the declared bushfire danger season, and site personnel trained in its use. Equipment will be appropriate to the activities being conducted and the fire danger at the time of works, but as a minimum must include: <ul style="list-style-type: none"> 4WD Striker with slip-on water unit, equipped with diesel pump and hoses Extinguishers Knap sacks Hand tools (e.g. fire rakes). Any vegetation cleared as part of these works will be removed from site (as much as reasonably practicable), or otherwise processed to avoid excessive bushfire fuel accumulation as agreed with FCNSW and NPWS. 	Emergency Plan dated 30/08/2023	Non-compliant	<p>It was evident during the site audit inspection that fuel/chemical storage points were located within 40m of woody vegetation.</p> <p>It was observed during the site inspection fire equipment was maintained and accessible, equipment included fire extinguishers and furphy's.</p>	NC-14
HAZ5	<ul style="list-style-type: none"> All chemicals or other hazardous substances will be stored in a bunded area and away from any natural drainage lines. The capacity of the bunded area will be at least 130% of the largest chemical volume contained within the bunded area. The location of the bunded enclosure/s will be shown on Site Plans. The storage, handling and use of dangerous goods and hazardous substances will be carried out in accordance with the WHS Act and Regulations, the Storage and Handling of Dangerous Goods Code of Practice (WorkCover NSW, 2005) and relevant Australian Standards 		Compliant	During the site inspection it was observed that chemicals and other hazardous substances were stored in a bunded area and away from any natural drainage lines.	
HAZ6	<ul style="list-style-type: none"> Routine condition monitoring and risk-based maintenance of project elements to minimise the incidence of ignitions from asset failures Ongoing vegetation management will be in accordance with TransGrid's operational vegetation monitoring and management procedures. This will include regular inspection and maintenance of trees and woody vegetation within the transmission corridor to provide safe clearance distance to the overhead conductors, and maintenance of the substation APZ Ongoing risk management of trees located outside the easement that have potential to strike the conductor if they were to fall Access tracks will be maintained to facilitate ongoing access to transmission structures for maintenance. It is recommended that these tracks are to be maintained to the standards of a Category 9 fire trail (RFS, 2016) to allow fire response in the area. 		Not triggered	Conditions relate to the operation of the development.	
HAZ7	Hot work (activities involving high temperatures) and fire risk work (activities involving heat or with the potential to generate sparks) will be managed under TransGrid procedures, with measures including suspension of activities on days of elevated fire danger.	Bushfire Plan dated 30/08/2023	Compliant	Requirements are outlined in the Hot Work and Fire Risk Work Procedure which is included as Appendix C of the Bushfire Plan.	
Social and Economic					
SE1	A CSEP will be prepared and implemented to help provide timely and accurate information to the community during construction. The plan will include (as a minimum):	Stakeholder and Community Engagement Plan dated August 2023	Compliant	Requirements are outlined in the Stakeholder and Community Engagement Plan.	

Snowy 2.0 Transmission Connection Project (Environmental Impact Statement - Statement of Commitments (Jacobs 2021))					
Condition No.	Requirement	Evidence Collected	Compliance Status	Independent Audit Findings and Recommendations	Unique ID on NC
	<ul style="list-style-type: none"> Mechanisms to provide details and timing of proposed activities to key stakeholders including residents, business owners, NPWS, FCNSW, emergency service, health and medical facilities, visitors, accommodation providers and annual event organisers, recreational users and motorists including changed traffic and access conditions and amenity impacts Process for receiving and responding to queries and complaints regarding the project's construction. 				
SE2	<ul style="list-style-type: none"> A worker accommodation strategy will be prepared for the project to manage demand for tourist accommodation from the construction workforce during the construction phase and postconstruction Maximise the use of the Snowy 2.0 works accommodation where possible to minimise demand for local accommodation Consider local business opportunities in project procurement practices, including encouraging contractors to source local goods and services, where possible Identify and communicate to local communities (prior to and during construction) opportunities and requirements for work on the project. 	Snowy 2.0 Connection Project Workers' Accommodation Strategy dated 11/03/2024	Compliant	<p>A Workers Accommodation Strategy has been prepared for the Project however it was drafted after the commencement of construction (dated 11 March 2023). It is also noted the strategy does not reflect industry standards for accommodation strategies for state significant projects.</p> <p>Recommendation: It is recommended the accommodation strategy is revised and updated to align with industry standards for accommodation strategies for state significant projects and consider the NSW Government's Cumulative Impact Assessment Guidelines for State Significant Projects.</p>	
SE3	<ul style="list-style-type: none"> Development, monitoring and review of project incident response plans, including ongoing consultation with emergency service providers about changes to local access and potential delays and disruptions Preparation of a workforce health and safety plan that includes measures for responding to health, medical and safety incidents during construction. 	<p>Stakeholder and Community Engagement Plan dated August 2023</p> <p>Health And Safety Management Plan dated 27/04/2023</p>	Compliant	<p>The development, monitoring and review of project incident response plans is included in the Stakeholder and Community Engagement Plan.</p> <p>A Health and Safety Management Plan has also been prepared for the Project.</p>	
SE4	The operation and maintenance of the portion of the project in KNP will be carried out in accordance with any access and operational protocols established between TransGrid and NPWS.		Noted		
Waste					
WR1	Further consultation with local waste facilities will be carried out during detailed design to further determine potential disposal locations		Compliant	Consultation has been undertaken with local EPA licenced waste facilities, specifically Bellettes (West). Construction and demolition waste on the East are managed by FGJV (J. Snape per comms).	
WR2	<ul style="list-style-type: none"> A construction waste management plan (CWMP) will be prepared for the project and outline appropriate management procedures. It will include, but not be limited to: Identification of the waste types and volumes that are likely to be generated by the project Adherence to the waste minimisation hierarchy principles of avoid/reduce/reuse/recycle/dispose <p>Waste management procedures to manage the handling and disposal of waste, including vegetation, spoil, unsuitable material or unexpected waste volumes</p> <ul style="list-style-type: none"> Identification of reporting requirements and procedures for tracking of waste types and quantities <p>A resource management strategy detailing the process to identify reuse options for surplus materials.</p>	Contaminated Land Management Plan dated 01/11/2023	Compliant	<p>A Waste Management Strategy which is included as Appendix C of the Contaminated Land Management Plan has been prepared for the Project and addresses the requirements of this condition.</p> <p>Resource management has been incorporated into the Waste Management Strategy.</p>	
WR3	Excess spoil generated in project area east will be transported by truck to Lobs Hole where it will be managed and disposed of by Snowy Hydro (in accordance with the methods described in the Snowy 2.0 Major Works EIS and any conditions of their approval).	Spoil Management Plan dated 24/11/2023.	Compliant	Outlined in Section 3.4 of the Spoil Management Plan "Excess spoil generated in the eastern Project area (within the National Park) will be transported from excavated areas on the escarpment to approved spoil emplacement locations at Ravine Bay, GF01, or Lobs Hole."	

Snowy 2.0 Transmission Connection Project (Environmental Impact Statement - Statement of Commitments (Jacobs 2021))					
Condition No.	Requirement	Evidence Collected	Compliance Status	Independent Audit Findings and Recommendations	Unique ID on NC
WR4	All waste, including surplus soils, which cannot be reused will be classified in accordance with the Waste Classification Guidelines (EPA, 2014), removed from the site and disposed of at a facility that can lawfully accept the waste in accordance with the POEO Act and POEO Waste Regulation.	Contaminated Land Management Plan dated 01/11/2023	Compliant	Included in Waste Management Strategy.	
WR5	Operational waste will be managed in accordance with TransGrid Waste Management Procedures and associated Work Instructions.		Not triggered		
Cumulative Impacts					
CI1	<ul style="list-style-type: none"> Regular consultation will be carried out with nearby/adjoining projects and key stakeholders during the detailed design and construction phase to review potential cumulative impacts and timing of activities that have potential cumulative impacts As far as practical construction activities will be coordinated and staggered with Snowy Hydro to minimise cumulative impacts in the project area west Engagement with Snowy Valleys Council and Snowy Monaro Regional Council will be ongoing regarding impacts on local infrastructure (including accommodation, services) 	Stakeholder and Community Engagement Plan dated August 2023	Compliant	Consultation is outlined in the Stakeholder and Community Engagement Plan which addresses the requirements of this condition.	



APPENDIX 5

Site Inspection Photographs



**Plate 1: Hollow trees marked with blue paint located within Maragle Substation Project Area
(12/03/2024)**



**Plate 2: Evidence of demarcation of no go zones located within Maragle Substation Project Area
(12/03/2024)**



Plate 3: Designated disinfectant station located at entrance to Maragle Substation Project Area (12/03/2024)



Plate 4: Hybrid generator located within 40m of unnamed drainage line at Maragle Temporary Project Compound (14/03/2024)



Plate 5: Rock banks and cogs installed alongside Elliott Way/Access Track South Intersection (12/03/2024)



Plate 6: Rock banks, cogs and culvert installed alongside Elliott Way/Access Track South Intersection (12/03/2024)



Plate 7: Rock drain check and diversion drains located within Maragle Substation Project Area (12/03/2024)



Plate 8: Sediment and erosion controls located towards the edge of the clearing extent at Maragle Substation Project Area (12/03/2024)



Plate 9: Erosion and sediment controls located at Lobbs Hole Project Compound (14/03/2024).



Plate 10: Spill kits located adjacent to active work areas in Maragle Substation Project Area (12/03/2024)



Plate 11: Entrance to Maragle Temporary Project Compound (14/03/2024)



Plate 12: Stockpile controls in use located near Elliott Way/Access Track South Intersection (12/03/2024)



Plate 13: Construction speed limit located along Maragle Substation Project Area (12/03/2024)



Plate 14: Equipment used to assist in pre-clearing e.g. Spider Boom located within Maragle Substation Project Area (14/03/2024)



Plate 15: Plant laydown area located within the Lobbs Hole Project Compound (14/03/2024)



Plate 16: Rubbish located along wind berms located Lobbs Hole Project Compound (14/03/2024)



Plate 17: Chemical storage container located at Lobbs Hole Project Compound well maintained, with access to SDS provided (14/03/2024)



Plate 18: Chemical storage container located at Lobbs Hole poorly maintained, with access to SDS restricted (14/03/2024)



Plate 19: Recycling programs implemented at Lobbs Hole Project Compound (14/03/2024)



Plate 20: Firefighting equipment available and accessible onsite located at Lobbs Hole Project Compound (14/03/2024)

UGL		SITE HAZARD BOARD		Maragle 330kV Transmission Line West									
UHF# 49		DATE: 12/03/2004		WEATHER: Fine, Sunny / Partly (P)									
		<table border="1"> <thead> <tr> <th>No</th> <th>Hazards</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>ACCESS RDS - TRACKS - WET, SLIPPERY CONDITIONS - BUSH, BRUSH ON EMBANKMENTS - WGS, MOUNTAINS - SHEEP, GOATS, CATTLE, DEER, WILF, CATTLE - DRIVING ON TRACKS / DRIVE, TRUCKS, BUSES</td> </tr> <tr> <td>2</td> <td>330KV OH - POLE, SABLE</td> </tr> <tr> <td>3</td> <td>PLANTS - SLOTTED (ED), BIL, 4th, 5th, 6th, 7th, 8th, 9th, 10th, 11th, 12th, 13th, 14th, 15th, 16th, 17th, 18th, 19th, 20th, 21st, 22nd, 23rd, 24th, 25th, 26th, 27th, 28th, 29th, 30th, 31st, 32nd, 33rd, 34th, 35th, 36th, 37th, 38th, 39th, 40th, 41st, 42nd, 43rd, 44th, 45th, 46th, 47th, 48th, 49th, 50th, 51st, 52nd, 53rd, 54th, 55th, 56th, 57th, 58th, 59th, 60th, 61st, 62nd, 63rd, 64th, 65th, 66th, 67th, 68th, 69th, 70th, 71st, 72nd, 73rd, 74th, 75th, 76th, 77th, 78th, 79th, 80th, 81st, 82nd, 83rd, 84th, 85th, 86th, 87th, 88th, 89th, 90th, 91st, 92nd, 93rd, 94th, 95th, 96th, 97th, 98th, 99th, 100th, 101st, 102nd, 103rd, 104th, 105th, 106th, 107th, 108th, 109th, 110th, 111th, 112th, 113th, 114th, 115th, 116th, 117th, 118th, 119th, 120th, 121st, 122nd, 123rd, 124th, 125th, 126th, 127th, 128th, 129th, 130th, 131st, 132nd, 133rd, 134th, 135th, 136th, 137th, 138th, 139th, 140th, 141st, 142nd, 143rd, 144th, 145th, 146th, 147th, 148th, 149th, 150th, 151st, 152nd, 153rd, 154th, 155th, 156th, 157th, 158th, 159th, 160th, 161st, 162nd, 163rd, 164th, 165th, 166th, 167th, 168th, 169th, 170th, 171st, 172nd, 173rd, 174th, 175th, 176th, 177th, 178th, 179th, 180th, 181st, 182nd, 183rd, 184th, 185th, 186th, 187th, 188th, 189th, 190th, 191st, 192nd, 193rd, 194th, 195th, 196th, 197th, 198th, 199th, 200th, 201st, 202nd, 203rd, 204th, 205th, 206th, 207th, 208th, 209th, 210th, 211st, 212nd, 213th, 214th, 215th, 216th, 217th, 218th, 219th, 220th, 221st, 222nd, 223rd, 224th, 225th, 226th, 227th, 228th, 229th, 230th, 231st, 232nd, 233rd, 234th, 235th, 236th, 237th, 238th, 239th, 240th, 241st, 242nd, 243rd, 244th, 245th, 246th, 247th, 248th, 249th, 250th, 251st, 252nd, 253rd, 254th, 255th, 256th, 257th, 258th, 259th, 260th, 261st, 262nd, 263rd, 264th, 265th, 266th, 267th, 268th, 269th, 270th, 271st, 272nd, 273rd, 274th, 275th, 276th, 277th, 278th, 279th, 280th, 281st, 282nd, 283rd, 284th, 285th, 286th, 287th, 288th, 289th, 290th, 291st, 292nd, 293rd, 294th, 295th, 296th, 297th, 298th, 299th, 300th, 301st, 302nd, 303rd, 304th, 305th, 306th, 307th, 308th, 309th, 310th, 311st, 312nd, 313th, 314th, 315th, 316th, 317th, 318th, 319th, 320th, 321st, 322nd, 323rd, 324th, 325th, 326th, 327th, 328th, 329th, 330th, 331st, 332nd, 333rd, 334th, 335th, 336th, 337th, 338th, 339th, 340th, 341st, 342nd, 343rd, 344th, 345th, 346th, 347th, 348th, 349th, 350th, 351st, 352nd, 353rd, 354th, 355th, 356th, 357th, 358th, 359th, 360th, 361st, 362nd, 363rd, 364th, 365th, 366th, 367th, 368th, 369th, 370th, 371st, 372nd, 373rd, 374th, 375th, 376th, 377th, 378th, 379th, 380th, 381st, 382nd, 383rd, 384th, 385th, 386th, 387th, 388th, 389th, 390th, 391st, 392nd, 393rd, 394th, 395th, 396th, 397th, 398th, 399th, 400th, 401st, 402nd, 403rd, 404th, 405th, 406th, 407th, 408th, 409th, 410th, 411st, 412nd, 413th, 414th, 415th, 416th, 417th, 418th, 419th, 420th, 421st, 422nd, 423rd, 424th, 425th, 426th, 427th, 428th, 429th, 430th, 431st, 432nd, 433rd, 434th, 435th, 436th, 437th, 438th, 439th, 440th, 441st, 442nd, 443rd, 444th, 445th, 446th, 447th, 448th, 449th, 450th, 451st, 452nd, 453rd, 454th, 455th, 456th, 457th, 458th, 459th, 460th, 461st, 462nd, 463rd, 464th, 465th, 466th, 467th, 468th, 469th, 470th, 471st, 472nd, 473rd, 474th, 475th, 476th, 477th, 478th, 479th, 480th, 481st, 482nd, 483rd, 484th, 485th, 486th, 487th, 488th, 489th, 490th, 491st, 492nd, 493rd, 494th, 495th, 496th, 497th, 498th, 499th, 500th, 501st, 502nd, 503rd, 504th, 505th, 506th, 507th, 508th, 509th, 510th, 511st, 512nd, 513th, 514th, 515th, 516th, 517th, 518th, 519th, 520th, 521st, 522nd, 523rd, 524th, 525th, 526th, 527th, 528th, 529th, 530th, 531st, 532nd, 533rd, 534th, 535th, 536th, 537th, 538th, 539th, 540th, 541st, 542nd, 543rd, 544th, 545th, 546th, 547th, 548th, 549th, 550th, 551st, 552nd, 553rd, 554th, 555th, 556th, 557th, 558th, 559th, 560th, 561st, 562nd, 563rd, 564th, 565th, 566th, 567th, 568th, 569th, 570th, 571st, 572nd, 573rd, 574th, 575th, 576th, 577th, 578th, 579th, 580th, 581st, 582nd, 583rd, 584th, 585th, 586th, 587th, 588th, 589th, 590th, 591st, 592nd, 593rd, 594th, 595th, 596th, 597th, 598th, 599th, 600th, 601st, 602nd, 603rd, 604th, 605th, 606th, 607th, 608th, 609th, 610th, 611st, 612nd, 613th, 614th, 615th, 616th, 617th, 618th, 619th, 620th, 621st, 622nd, 623rd, 624th, 625th, 626th, 627th, 628th, 629th, 630th, 631st, 632nd, 633rd, 634th, 635th, 636th, 637th, 638th, </td></tr></tbody></table>				No	Hazards	1	ACCESS RDS - 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1	ACCESS RDS - TRACKS - WET, SLIPPERY CONDITIONS - BUSH, BRUSH ON EMBANKMENTS - WGS, MOUNTAINS - SHEEP, GOATS, CATTLE, DEER, WILF, CATTLE - DRIVING ON TRACKS / DRIVE, TRUCKS, BUSES												
2	330KV OH - POLE, SABLE												
3	PLANTS - SLOTTED (ED), BIL, 4th, 5th, 6th, 7th, 8th, 9th, 10th, 11th, 12th, 13th, 14th, 15th, 16th, 17th, 18th, 19th, 20th, 21st, 22nd, 23rd, 24th, 25th, 26th, 27th, 28th, 29th, 30th, 31st, 32nd, 33rd, 34th, 35th, 36th, 37th, 38th, 39th, 40th, 41st, 42nd, 43rd, 44th, 45th, 46th, 47th, 48th, 49th, 50th, 51st, 52nd, 53rd, 54th, 55th, 56th, 57th, 58th, 59th, 60th, 61st, 62nd, 63rd, 64th, 65th, 66th, 67th, 68th, 69th, 70th, 71st, 72nd, 73rd, 74th, 75th, 76th, 77th, 78th, 79th, 80th, 81st, 82nd, 83rd, 84th, 85th, 86th, 87th, 88th, 89th, 90th, 91st, 92nd, 93rd, 94th, 95th, 96th, 97th, 98th, 99th, 100th, 101st, 102nd, 103rd, 104th, 105th, 106th, 107th, 108th, 109th, 110th, 111th, 112th, 113th, 114th, 115th, 116th, 117th, 118th, 119th, 120th, 121st, 122nd, 123rd, 124th, 125th, 126th, 127th, 128th, 129th, 130th, 131st, 132nd, 133rd, 134th, 135th, 136th, 137th, 138th, 139th, 140th, 141st, 142nd, 143rd, 144th, 145th, 146th, 147th, 148th, 149th, 150th, 151st, 152nd, 153rd, 154th, 155th, 156th, 157th, 158th, 159th, 160th, 161st, 162nd, 163rd, 164th, 165th, 166th, 167th, 168th, 169th, 170th, 171st, 172nd, 173rd, 174th, 175th, 176th, 177th, 178th, 179th, 180th, 181st, 182nd, 183rd, 184th, 185th, 186th, 187th, 188th, 189th, 190th, 191st, 192nd, 193rd, 194th, 195th, 196th, 197th, 198th, 199th, 200th, 201st, 202nd, 203rd, 204th, 205th, 206th, 207th, 208th, 209th, 210th, 211st, 212nd, 213th, 214th, 215th, 216th, 217th, 218th, 219th, 220th, 221st, 222nd, 223rd, 224th, 225th, 226th, 227th, 228th, 229th, 230th, 231st, 232nd, 233rd, 234th, 235th, 236th, 237th, 238th, 239th, 240th, 241st, 242nd, 243rd, 244th, 245th, 246th, 247th, 248th, 249th, 250th, 251st, 252nd, 253rd, 254th, 255th, 256th, 257th, 258th, 259th, 260th, 261st, 262nd, 263rd, 264th, 265th, 266th, 267th, 268th, 269th, 270th, 271st, 272nd, 273rd, 274th, 275th, 276th, 277th, 278th, 279th, 280th, 281st, 282nd, 283rd, 284th, 285th, 286th, 287th, 288th, 289th, 290th, 291st, 292nd, 293rd, 294th, 295th, 296th, 297th, 298th, 299th, 300th, 301st, 302nd, 303rd, 304th, 305th, 306th, 307th, 308th, 309th, 310th, 311st, 312nd, 313th, 314th, 315th, 316th, 317th, 318th, 319th, 320th, 321st, 322nd, 323rd, 324th, 325th, 326th, 327th, 328th, 329th, 330th, 331st, 332nd, 333rd, 334th, 335th, 336th, 337th, 338th, 339th, 340th, 341st, 342nd, 343rd, 344th, 345th, 346th, 347th, 348th, 349th, 350th, 351st, 352nd, 353rd, 354th, 355th, 356th, 357th, 358th, 359th, 360th, 361st, 362nd, 363rd, 364th, 365th, 366th, 367th, 368th, 369th, 370th, 371st, 372nd, 373rd, 374th, 375th, 376th, 377th, 378th, 379th, 380th, 381st, 382nd, 383rd, 384th, 385th, 386th, 387th, 388th, 389th, 390th, 391st, 392nd, 393rd, 394th, 395th, 396th, 397th, 398th, 399th, 400th, 401st, 402nd, 403rd, 404th, 405th, 406th, 407th, 408th, 409th, 410th, 411st, 412nd, 413th, 414th, 415th, 416th, 417th, 418th, 419th, 420th, 421st, 422nd, 423rd, 424th, 425th, 426th, 427th, 428th, 429th, 430th, 431st, 432nd, 433rd, 434th, 435th, 436th, 437th, 438th, 439th, 440th, 441st, 442nd, 443rd, 444th, 445th, 446th, 447th, 448th, 449th, 450th, 451st, 452nd, 453rd, 454th, 455th, 456th, 457th, 458th, 459th, 460th, 461st, 462nd, 463rd, 464th, 465th, 466th, 467th, 468th, 469th, 470th, 471st, 472nd, 473rd, 474th, 475th, 476th, 477th, 478th, 479th, 480th, 481st, 482nd, 483rd, 484th, 485th, 486th, 487th, 488th, 489th, 490th, 491st, 492nd, 493rd, 494th, 495th, 496th, 497th, 498th, 499th, 500th, 501st, 502nd, 503rd, 504th, 505th, 506th, 507th, 508th, 509th, 510th, 511st, 512nd, 513th, 514th, 515th, 516th, 517th, 518th, 519th, 520th, 521st, 522nd, 523rd, 524th, 525th, 526th, 527th, 528th, 529th, 530th, 531st, 532nd, 533rd, 534th, 535th, 536th, 537th, 538th, 539th, 540th, 541st, 542nd, 543rd, 544th, 545th, 546th, 547th, 548th, 549th, 550th, 551st, 552nd, 553rd, 554th, 555th, 556th, 557th, 558th, 559th, 560th, 561st, 562nd, 563rd, 564th, 565th, 566th, 567th, 568th, 569th, 570th, 571st, 572nd, 573rd, 574th, 575th, 576th, 577th, 578th, 579th, 580th, 581st, 582nd, 583rd, 584th, 585th, 586th, 587th, 588th, 589th, 590th, 591st, 592nd, 593rd, 594th, 595th, 596th, 597th, 598th, 599th, 600th, 601st, 602nd, 603rd, 604th, 605th, 606th, 607th, 608th, 609th, 610th, 611st, 612nd, 613th, 614th, 615th, 616th, 617th, 618th, 619th, 620th, 621st, 622nd, 623rd, 624th, 625th, 626th, 627th, 628th, 629th, 630th, 631st, 632nd, 633rd, 634th, 635th, 636th, 637th, 638th,												

Appendix 5
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Plate 23: Recycling programs implemented at Maragle Temporary Project Compound (14/03/2024)



Plate 24: Extent of clearing within the Maragle Substation Project Area (12/03/2024)



Plate 25: Start of clearing extent located at the edge of Lobbs Hole Project Compound (14/03/2024)

