

# MOLINO STEWART

ENVIRONMENT & NATURAL HAZARDS

*a* **WATER TECHNOLOGY** *company*



**Tallawarra Stage B Power Station**  
*Fourth Independent Audit Report*  
FINAL

# Tallawarra Power Station

## Fourth Independent Audit Report

FINAL

Client: EnergyAustralia

Prepared by:

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November 2023

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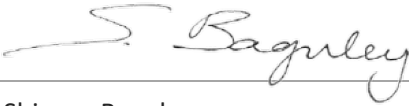
# Document Control

Document Reference	1313.EA.Tallawarrab_IEA.Audit 4_Report.Docx
Project	Tallawarra Stage B Power Station Independent Environmental Audit
Document Type	Fourth Independent Audit Report
Author	Shireen Baguley

## Revision History

Date	Version	Name	Comments
11/09/2023	Draft	Roland van Amstel	Draft
13/11/2023	1.0	Shireen Baguley	Draft for client feedback
27/11/2023	Final	Shireen Baguley	Final

## Document Approval

For Water Technology	
Name	Shireen Baguley
Position	Principal
For Energy Australia Tallawarra	
Name	Glen Cowling
Position	HSSE Lead Tallawarra Stage B

# Executive Summary

Energy Australia owns the Tallawarra Power Station site which is located in Yallah, on the western foreshore of Lake Illawarra in New South Wales, approximately 13 kilometers southwest of Wollongong (Lot 109, DP 1050302, Yallah Bay Road, Yallah, Wollongong local government area). The site currently has the gas fired Tallawarra A combined cycle gas turbine (CCGT) power station operating and a permit for an extension, to be called Tallawarra Stage B Gas Turbine Power Station Project. The Tallawarra Stage B Gas Turbine Power Station (Tallawarra Stage B) is operated by EnergyAustralia as a wholly owned subsidiary of CLP Holdings Ltd.

The existing Tallawarra A gas-fired power station's generation capacity is 435 MW, and before the Tallawarra gas-fired power station commenced operations in January 2009, the site was a 320MW coal-fired power station which operated between 1954 and 1989.

Tallawarra Stage B was approved by the then Minister for Planning on 21 December 2010 and is considered Critical State Significant Infrastructure (CSSI) (CSSI 07\_0124).

In December 2020 EnergyAustralia had a second modification of the existing Project Approval. The modification provides approval to:

- extend the Project Approval lapse date by two years to December 2022, and
- amend the project description within Condition of Approval 1.5 so that a single open cycle gas turbine may be used for the power plant.

The existing Tallawarra A gas-fired power station is licensed by the *NSW Environment Protection Authority* (EPA) under the *Protection of the Environment Operations Act 1997* (POEO Act), Environmental Protection Licence (EPL) number 555 (EPL 555).

The Tallawarra Stage B approval is conditional on the adherence of the project to the conditions of consent outlined in the Project Approval. To meet the approval conditions an independent and suitable qualified auditor required to undertake an independent environmental audit of the Tallawarra Stage B.

Molino Stewart has been engaged by Energy Australia Tallawarra Pty Ltd (EnergyAustralia) to complete the audit for the Tallawarra Stage B in accordance with the Conditions of Approval requirements. This includes a comprehensive report which outlines the audit methodology, findings, and recommended measures or actions that will improve the environmental performance of the project (this report).

The audit has reviewed the project's compliance via systems, documents, records, and procedures in relation to conditions of consent associated with the Tallawarra Stage B Project, for the 26-week period from 29 April 2023 to 28 October 2023.

With the commissioning of the new plant expected to commence 13 November 2023 and to run to 27 December 2023 - possibly extended to 14 January 2024 – this audit constitutes the final construction audit and, due to its timing, no commissioning or pre-operational conditions were included. Upon conclusion of the commissioning phase the plant will enter the operational phase.

The audit considered a total of 114 conditions from the Project Approval, of which there were 191 separately assessable sub-conditions (items). The Tallawarra Stage B project was found to be compliant with the approval consent requirements.

Of the 191 assessable sub-conditions, during the audit a total of 79 items were not triggered and the remaining 112 sub-conditions were determined to be compliant. No non-compliances and no opportunities for improvement were recorded.



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# 1 | Introduction

## 1.1 Background

Energy Australia owns the Tallawarra Power Station site is located in Yallah, on the western foreshore of Lake Illawarra in New South Wales, approximately 13 kilometers southwest of Wollongong (Lot 109, DP 1050302, Yallah Bay Road, Yallah, Wollongong Local Government Area). The site currently has the gas fired Tallawarra A combined cycle gas turbine (CCGT) power station operating and a permit for an extension, to be called Tallawarra Stage B Gas Turbine Power Station Project.

Tallawarra Stage B was approved by the then Minister for Planning on 21 December 2010 and is considered Critical State Significant Infrastructure (CSSI) (CSSI 07\_0124).

A modification for the extension of the Project Approval lapse date (MP07\_0124 Mod-1) was approved by the Minister for Planning on 6 April 2016.

In December 2020 EnergyAustralia had a second modification (MP07\_0124-Mod-2) of the existing Project Approval approved. The modification provides approval to:

- extend the Project Approval lapse date by two years to December 2022, and
- amend the project description within Condition of Approval 1.5 so that a single open cycle gas turbine may be used for the power plant.

The approval is conditional on the adherence of the project to the conditions of consent outlined in the Project Approval.

## 1.2 Audit Scope

To meet its post approval conditions, EnergyAustralia requires an independent and suitable qualified contractor to assemble an audit team and undertake an independent environmental audit of the Project. The Audit is to be undertaken in accordance with the relevant Conditions of Approval:

**5.9)** *Independent Audits of the project must be conducted and carried out in accordance with the Independent Audit Post Approval Requirements (2020).*

**5.10)** *Proposed independent auditors must be agreed to in writing by the Secretary prior to the commencement of an Independent Audit.*

**5.11)** *The Secretary may require the initial and subsequent Independent Audits to be undertaken at different times to those specified in the Compliance Reporting Post Approval Requirements (2020), upon giving at least 4 weeks' notice (or timing) to the Proponent of the date upon which the audit must be commenced.*

**5.12)** *In accordance with the specific requirements in the Independent Audit Post Approval Requirements (2020), the Proponent must:*

- a) review and respond to each Independent Audit Report prepared under condition 5.11 or condition 5.13 of this approval where notice is given by the Secretary;*
- b) submit the response to the Secretary; and*
- c) make each Independent Audit Report, and response to it, publicly available within 60 days of submission to the Secretary, unless otherwise agreed by the Secretary.*

**5.13)** *Independent Audit Reports and the Proponent's response to audit findings must be submitted to the Secretary within 2 months of undertaking the independent audit site*

*inspection as outlined in the Independent Audit Post Approvals Requirements (2020), unless otherwise agreed by the Secretary.*

Molino Stewart (now Water Technology) was engaged by EnergyAustralia to complete the independent environmental audits during construction for the Tallawarra Stage B Project in accordance with the Conditions of Approval requirements. This is the fourth and final construction audit. Molino Stewart is to submit a comprehensive report (this report) which outlines the audit methodology, findings, and recommended measures or actions that will improve the environmental performance of the project.

### 1.2.1 Audit Period

This is the fourth independent environmental audit during construction, carried out in accordance with the Independent Audit Post Approvals Requirements (2020) as follows:

Audit Nr	Audit Type	Audit Period	Status
1	Construction	07Feb22 – 28Apr22	Complete
2	Construction	29Apr22 – 28Oct22	Complete
3	Construction	29Oct22 – 28Apr23	Complete
4	Construction	29Apr23 – 28Oct23	This report

With the commissioning of the new plant expected to commence 13 November 2023 and to run to 27 December 2023 - possibly extended to 14 January 2024 – this audit constitutes the final construction audit and due to its timing, no commissioning or pre-operational conditions were included. Upon conclusion of the commissioning phase the plant will enter the operational phase.

### 1.2.2 Audit Team and Endorsement

The audit was undertaken by Molino Stewart's (now Water Technology Pty Ltd) Shireen Baguley BE MEngSc, who is an Exemplar Global certified lead environmental auditor (12550).

The approval documents issued by Department of Planning and Environment (DPE) are provided in Appendix A. The audit team has provided the Declaration of Independence Forms as per Appendix F.

### 1.2.3 Independent Audit Post Approval Requirements 2020

The Independent Environmental Audit has been undertaken in accordance with Department of Planning Industry and Environment's (DPIE's) Independent Audit Post Approval Requirements 2020.

## 1.3 Audit Objective

This independent environmental audit is in accordance with its Conditions of Approval (CoA) i.e. the document Consolidated Conditions of Approval (MP07-0124) Schedule 2 (December 2020). The audit serves to assess the environmental performance of the project with reference to the relevant requirements in the conditions of consent.

## 2 | Terms of Reference

### 2.1 Audit Methodology

The audit was conducted between 9 August 2023 and 28 October 2023 to determine compliance with the terms of reference stated in this section.

The audit was based on:

- examination of a sample of administrative, technical and operating documents and records provided both prior to, during and subsequent to the period the auditor was on site.
- site inspection of the facilities and surrounding areas.
- interviews and discussions with key personnel.

#### 2.1.1 Audit Criteria

The Project was audited against the following criteria:

- Consolidated Conditions of Approval (MP07-0124) Schedule 2 (December 2020).
- Post approval documents required under the Conditions of Approval (including environmental mitigation measures and recommendations provided in environmental management plans).
- Department of Planning Industry and Environment (DPIE) Independent Audit Post Approval Requirements (2020).
- The feedback, requests, and/or comments of relevant agencies consulted.
- Any other relevant documentation, procedures or plans associated with the project.

#### 2.1.2 Site Inspection

The site inspection was conducted by Shireen Baguley on 17 October 2023. The weather during this period was cloudy with rain threatening. The site was dampened from rainfall the day prior. The active construction areas of the Tallawarra B construction site were inspected.

Photos from the site inspection are contained within Appendix D.

#### 2.1.3 Site Interviews

Site interviews were undertaken by Shireen Baguley on 17 October 2023. Those interviewed are listed below:

- Glen Cowling - HSSE Lead Tallawarra B (EA)
- Amanda Jones - Environmental Planning & Assurance Specialist (EA)
- Toby Hobbs - Environmental Representative (external)
- Alan Ward - HSSE Manager (GECL)
- Stephen Doyle - Environmental Lead (GECL)



## 2.1.4 Consultation

Consultation was undertaken with DPE by Shireen Baguley on 3 October 2023 as part of the audit scope. The purpose of this consultation was to obtain the DPE's input into the scope of the audit and to provide any comments that it felt should be accounted for during the audit.

See section 3.3.9 for further details. Correspondence from DPE is included in Appendix E.

## 2.2 Compliance Status Descriptors

The audit findings were graded in accordance with the following Department of Planning and Environment classifications (DPIE, June 2020): -

**Compliant:** The auditor has collected sufficient verifiable evidence to demonstrate that all elements of the requirement have been complied with within the scope of the audit.

**Non-Compliant:** The auditor has determined that one or more specific elements of the conditions or requirements have not been complied with within the scope of the audit.

**Not Triggered:** A requirement has an activation or timing trigger that has not been met at the time when the audit is undertaken, therefore an assessment of compliance is not relevant.

## 3 | Audit Findings

### 3.1 Approval and Document List

Within the Tallawarra Stage B Project approval, the conditions required are set out in the document *Consolidated Conditions of Approval* (MP07-0124) Schedule 2 (December 2020). The findings have been attached as a series of documents which reflects these requirements. Furthermore, the comments received from relevant authority consultation has been incorporated into these schedules.

Thus, the detailed audit findings are presented in the attached schedule (Appendix C).

### 3.2 Audit Summary

The audit considered a total of 114 conditions from the Project Approval, of which there were 191 separately assessable sub-conditions (items). The Tallawarra Stage B project was found to be compliant with the approval consent requirements.

Of the 191 assessable sub-conditions, during the audit a total of 79 items were not triggered and the remaining 112 sub-conditions were determined to be compliant. No non-compliances and no opportunities for improvement were recorded.

At the completion of the audit, an exit meeting was held with relevant staff in attendance. The meeting consisted of informal discussions on the findings during the audit.

After the audit further information provided by Tallawarra Stage B personnel and any further discussions undertaken was included and considered as evidence for this audit where possible, and items marked as compliant where appropriate.

In the absence of non-compliances and opportunities for improvement, no corrective or recommended actions result from this audit.

### 3.3 Environmental Performance

This audit has found that the environmental performance of the Project is compliant with the Conditions of Approval.

#### 3.3.1 Physical extent of the development

During the site inspection, the physical extent of the development was reviewed against the approved plans and found to generally comply with the approved development boundary.

#### 3.3.2 Actual versus predicted impacts

An assessment of actual impacts compared to predicted impacts documented in the environmental assessments was undertaken as detailed in Table 1. This only considers construction impacts for relevant aspects.

Table 1 Actual versus predicted impacts

Aspect and Predicted Impacts	Comparison of actual impacts compared to predicted impacts
<p><b>Air</b></p> <p>During the construction phase of the project, the primary potential impact on air quality would be the generation of dust as a result of construction activities such as excavation. The distance to the nearest residential receiver of 1.2 kilometres is such that a sufficient buffer would exist between the construction site and neighbouring land uses to prevent dust nuisance impacts.</p>	<p>Actual impacts are considered to be generally in line with predicted impacts. Wet weather has largely mitigated any impacts from dust but as required appropriate measures are being implemented in line with the construction environmental management plan.</p>
<p><b>Greenhouse gas generation</b></p> <p>During the construction phase sources of greenhouse gas emissions will include the use of vehicles and equipment. This equipment will consume fuel (primarily diesel) resulting in the emission of greenhouse gases</p>	<p>Actual impacts are considered to be generally in line with predicted impacts.</p>
<p><b>Noise</b></p> <p>Construction noise will be generated by the operation of trucks, excavators, backhoes, front-end loaders, graders, compressors, scrapers, bulldozers, cranes, compactors, rollers and hand tools required for the construction of the project, including site clearing, bulk earthworks, establishment of site foundations, construction of buildings, plant and pipelines and transmission line installation.</p> <p>Considered minimal as the Stage A activities were not audible from the residential monitoring locations during the attended noise survey .</p>	<p>Actual impacts are considered to be generally in line with predicted impacts. There have been no complaints during construction activities.</p> <p>Work has been conducted outside approved work hours, and in accordance with the Category 1 permit.</p> <p>Noise mitigation measures have been implemented throughout the Project as detailed in Appendix A.</p>
<p><b>Water</b></p> <p>The site was considered to have minimal impacts to water, hydrology and flooding during construction. However, the project involves excavation and building works in close proximity to Lake Illawarra and Yallah creek. Consequently, there is a risk of erosion and sedimentation impacts arising during construction until exposed areas are stabilised.</p>	<p>Actual impacts are considered to be generally in line with predicted impacts. To manage erosion and sediment control and water quality discharging from the site, mitigation measures in accordance with the soil and water management plan and progressive erosion and sediment control plan are being implemented. The site faced significant challenges in relation to this aspect due to the extremely wet weather conditions which were experienced in 2022. The site has some natural advantages which enable the high volumes of runoff to be managed. These have been capitalised on by EA, which has served the site well in the management of potential impacts. Within the construction areas, erosion and sediment control measures are in place and were</p>



Aspect and Predicted Impacts	Comparison of actual impacts compared to predicted impacts
	adapted as the works evolved. Final forms are being put in place during this audit.
<p><b>Ecology</b></p> <p>During the construction phase there will be some clearing of vegetation. Potential edge effects for endangered ecological communities and riparian corridors.</p>	<p>Actual impacts are considered to be generally in line with predicted impacts. An offset plan to compensate for the planned removal of native vegetation is in place and works are underway. This is being done by the Illawarra Aboriginal Land Council. Active management of weed infestations has been completed with good results being achieved with lantana treatment.</p>
<p><b>Aboriginal heritage</b></p> <p>As the site has been subject to extensive previous disturbance, including excavation, being the site of the decommissioned coal fired power station, there were no sites of Aboriginal cultural heritage significance identified within the Tallawarra Stage B site. However, there are areas of high Aboriginal significance in close proximity to the site associated with Yallah Creek and the foreshore of Lake Illawarra.</p>	<p>Actual impacts are considered to be generally in line with predicted impacts. During the current reporting period the Project team continued to engage and consult with local Aboriginal community representatives in accordance with the DPE-approved Aboriginal Cultural Heritage Management Plan. Consultation with local Aboriginal community groups has been undertaken and RAPs were present during key periods to do site monitoring during sensitive works.</p> <p>Activities associated with the ongoing Aboriginal Cultural Education Program resulted in the Project team being presented with a significant artwork produced by the Coomaditchie United Aboriginal Corporation (CUAC). The CUAC is located south of Wollongong and is an Aboriginal organisation dedicated to promoting Aboriginal culture and heritage. Artists from the Coomaditchie Artist's Collective collaborated with representatives of the Tallawarra B Project team to produce a painting that captured key elements of the Tallawarra Lands natural and built environment as well as important cultural heritage themes (see photo).</p> <p>EA has engaged the Illawarra Local Aboriginal Land Council (ILALC) to undertake works on the biodiversity offset area. A previously unidentified Aboriginal cultural object was found within the offset area during planting activities on 11th October. The works in this area are being undertaken by ILALC, and it was a member of the ILALC team that discovered the object.</p>



Aspect and Predicted Impacts	Comparison of actual impacts compared to predicted impacts
	All protocols have been followed and the find reported to Heritage NSW and the info@epa.nsw.gov.au address on 18/10/23
<b>Traffic and transport</b>  During construction, new traffic movements would be generated by construction workers and material deliveries to and from the project construction sites. Construction vehicles will utilise the same route and parking areas as used for the construction of the Tallawarra Stage A plant. Access to the site will be via Yallah Bay Road (the existing Tallawarra Stage A CCGT power station access road) off the Princes Highway, south of Dapto. The existing road network was considered sufficient to accommodate the increased traffic movements from the proposed development.	Actual impacts are considered to be generally in line with predicted impacts. A Construction Traffic Management Plan has been prepared and is being implemented. There have been no complaints during construction activities in regard to the traffic.  There have been no reported occurrences or incidences relating to traffic and transport.  OSOM truck movements have been completed without any issues.
<b>Waste</b>  The construction a would result in the generation of waste, with waste streams including demolition waste, green waste (from clearing) and general construction waste.	Actual impacts are considered to be generally in line with predicted impacts. The project is managing all wastes in accordance with the relevant guidelines and the principles of waste avoidance, reduction, reuse and recycling via its Waste Management Plan.

### 3.3.3 Management plans

A high-level assessment of whether the construction environmental management plan (CEMP) is adequate was undertaken as part of the first construction audit. The EMP was reviewed which also included the below sub-plans:

- Appendix E: Air quality, noise and vibration management sub plan
- Appendix F: Traffic management sub plan
- Appendix G: Flora and fauna management sub plan
- Appendix H: Soil and water management sub plan
- Appendix I: Aboriginal cultural heritage management sub plan
- Appendix J: Waste management sub plan

The Tallawarra-B Power Station Environmental Management Strategy, which incorporates the Biodiversity Offset Plan was also reviewed. These plans have been reviewed and updated as required.

### 3.3.4 Agency notices

There have been no agency notices issued to Energy Australia regarding Tallawarra Power Station Stage B during this audit period.



### 3.3.5 Non-compliances and Points for Improvement

The audit considered a total of 114 conditions from the Project Approval, of which there were 191 separately assessable sub-conditions (items). The Tallawarra Stage B project was found to be compliant with the approval consent requirements.

Of the 191 assessable sub-conditions, during the audit a total of 79 items were not triggered and the remaining 112 sub-conditions were determined to be compliant. No non-compliances and no opportunities for improvement were recorded.

Table 2 below summarises any non-compliances and opportunities for improvement, and Section 4.2 summarises any mitigation measures identified during the audit period.

Table 2 Non-Compliances and Opportunities For Improvement identified throughout the audit.

#### NON-COMPLIANCES

Reference	Description
	No non-compliances identified during this audit period.

#### OPPORTUNITIES FOR IMPROVEMENT

Reference	Description
	No opportunities for improvement identified during this audit period.

### 3.3.6 Previous Report Actions

The previous audit identified no non-compliances and no opportunities for improvement

### 3.3.7 Complaints

The Tallawarra B Project - Complaints register is available on the proponent's public website <https://www.energyaustralia.com.au/about-us/what-we-do/new-energy-projects/tallawarra-b-project> under "Regulatory and Approval Documents Post-Development Consent" does not show any complaints recorded in the period of this audit.

The complaint reported in the previous audit report, made on Wed 08 June 2022, remains not closed out at the time of this report as the matter relates to road repair which is a local council responsibility. The proponent has undertaken some minor pothole repairs on Yallah Bay Road in this audit period and documentation between EA and Wollongong City Council was sighted which included the scope of works for roadworks to be completed by Wollongong City Council. This will involve as a road stabilization, reconstruction and patching along Yallah Bay Road.

### 3.3.8 Incidents

No incidents were recorded during the audit period.

### 3.3.9 Agency Consultation

Consultation was undertaken with DPE by Shireen Baguley as part of the audit scope. In response, DPE requested that *"... In addition to the consent requirements, please look into the management of noise, dust, operating hours, truck movements, erosion and sediment, including dirt tracking onto public roads, community consultation and complaints management..."*.

All items concerning noise, dust, operating hours, erosion and sediment (including dirt tracking onto public roads), community consultation and complaints management were dealt with as a matter of course in this audit as they are an integral part of the conditions of consent for the project. No issues were found.

Observations made during the site inspection indicate no issues associated with truck movements on site, e.g. loads were covered, behaviour was in order, etc. All large (OSOM) movements that were necessary have been completed and were assessed in previous audits. All trucks arriving to site are stopped at security, sign-in required, and induction done. Induction records for October 2023 were sighted when onsite (see photo). All drivers are breathalysed and are removed from site if they are over the limit.

## 4 | Recommendations

### 4.1 Non-compliance Summary

The audit considered a total of 114 conditions from the Project Approval, of which there were 191 separately assessable sub-conditions (items). The Tallawarra Stage B project was found to be compliant with the approval consent requirements.

Of the 191 assessable sub-conditions, during the audit a total of 79 items were not triggered and the remaining 112 sub-conditions were determined to be compliant. No non-compliances and no opportunities for improvement were recorded.

### 4.2 Corrective Actions and Opportunities for Improvement

No non-compliances and no opportunities for improvement were recorded for this audit period.

Table 3 Corrective actions list

<b>Actions:</b>		
Refer to the Action Item list attached for details. It is required that EnergyAustralia reviews the Action List and fills out the columns titled for 'Action to be Taken', 'By whom', and 'By when'. It is the responsibility of the EnergyAustralia to monitor the progress of the Action List items and ensure close out.		
Corrective actions raised: 0 Opportunities for Improvement: 0	Is Action List Closed off? <input type="checkbox"/> Yes <input type="checkbox"/> No	Signed (When Completed)

Item No.#	Action Item Description	Action to be Taken	By Whom	By When	Date Closed
<b>Corrective Actions against non-compliances</b>					
	No non-compliances identified this audit period.				
<b>Corrective Actions against opportunities for improvement</b>					
	No opportunities for improvement identified this audit period.				

## 4.3 Limitations

The process by which this audit was conducted, including the sample of records selected and the method for examination used, followed established audit protocols and was in accordance with the best professional judgment of the auditor. It should be understood that the audit consisted of sample observations in a short span of time. Efforts were directed toward sampling all applicable facets of the environmental management systems and associated records, but it is important to recognise that such a sampling method can only support general conclusions and does not necessarily identify all potential problems.



## 5 | Conclusion

Molino Stewart (now Water Technology) undertook an independent environmental audit of the Tallawarra Stage B Project. This document serves as the Independent Environmental Audit report.

The Tallawarra Stage B Project was audited against the following criteria:

- Consolidated Conditions of Approval (MP07-0124) Schedule 2 (December 2020)
- Post approval documents required under the Conditions of Approval (including environmental mitigation measures and recommendations provided in environmental management plans)
- DPIE's Independent Audit Post Approval Requirements (2020)
- The feedback, requests, and/or comments of relevant agencies consulted; and
- Any other relevant documentation, procedures or plans associated with the project.

Consultation with DPE was undertaken as part of the audit.

The audit reviewed the Tallawarra Stage B Project's compliance via systems, documents, records, and procedures in relation to conditions of approval associated with the facility's operation.

The audit considered a total of 114 conditions from the Project Approval, of which there were 191 separately assessable sub-conditions (items). The Tallawarra Stage B project was found to be compliant with the approval consent requirements.

Of the 191 assessable sub-conditions, during the audit a total of 79 items were not triggered and the remaining 112 sub-conditions were determined to be compliant. No non-compliances and no opportunities for improvement were recorded.

## **Appendix A | Auditor Approval Documentation**



Ms Amanda Jones  
Level 19, Two Melbourne Quarter  
697 Collins Street  
Melbourne Victoria 3008  
26/02/2021

Dear Ms Jones

**Tallawarra B Power Station (MP07\_0124)  
Independent Environmental Audit**

I refer to your letter of 19 February 2021 seeking approval of the audit team for the upcoming Independent Environmental Audit of Tallawarra B Power Station (the project), in accordance with Schedule 2, Condition 5.10 of project approval MP07\_0124, as modified (the approval).

Having considered the qualifications and experience of the proposed audit team, the Secretary endorses the appointment of:

- Ms Shireen Baguley – Lead Auditor;
- Mr Steven Molino – Alternative Lead Auditor;
- Ms Rebecca O'Rourke – Assistant Auditor;
- Ms Jenni Kremer – Alternative Assistant Auditor,

to undertake the audit in accordance with Schedule 2, Condition 5.9 of the approval. This approval is conditional on the audit team being independent of the project.

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

The audit is to be conducted in accordance with the Department's Independent Audit Post Approval Requirements (May 2020). A copy of the requirements can be located at <https://www.planning.nsw.gov.au/Assess-and-Regulate/About-compliance/Compliance-policy-and-guidelines/Independent-audit-post-approval-requirements>. Auditors may wish to have regard to AS/NZS ISO 19011 Australian/New Zealand Standard: Guidelines for quality and/or environmental management systems auditing.

The Audit report, including the response to any recommendations contained in the Audit report and a timetable to implement the recommendations is to be submitted to the Secretary, with the Audit report.

Should you have any enquiries in relation to this matter, please contact Georgia Dragicevic, Senior Compliance Officer, on 4247 1852 or by email to [Georgia.Dragicevic@planning.nsw.gov.au](mailto:Georgia.Dragicevic@planning.nsw.gov.au)

Yours sincerely

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

## **Appendix B | Plan of the Tallawarra Stage B Project**







## **Appendix C | Independent Audit Table**

Condition Number	Requirement	Evidence Used	Findings and Recommendations	Compliance Status
1. ADMINISTRATIVE CONDITIONS				
1.1 TERMS OF APPROVAL	The project may only be carried out: a) in compliance with the conditions of this approval granted with respect to the Tallawarra Stage B Gas Turbine Power Station Project (07_0124);	CEMP Rev 2.5, from project website. EMS is unchanged at Rev 2.4, from project website. Vegetation Offset Plan, from project website.  Site inspection	Refer to findings of previous audits for listing of applicable plans and approvals up to and including audit 3.  CEMP Rev 2.5 has been found compliant in previous audit (Audit 3).  It is considered that the project is generally being carried out in compliance with the conditions of this approval granted with respect to the Tallawarra Stage B Gas Turbine Power Station Project (07_0124), with exceptions as noted herein.	Compliant
	The project may only be carried out: b) in accordance with all written directions of the Secretary; and	All of the current versions of the CEMP (Rev 2.5) and associated sub-plans, available from project website. Revised CCP (Rev 1.4, dated 23 March 2023) Letter from DPE dated 13/06/2023	The current version of the CEMP Rev 2.5 has been found compliant in previous audit (Audit 3). Revisions since Audit 3 to any sub-plans have been noted as "minor amendments" in the respective document control sections. Revised CCP (Rev 1.4, dated 23 March 2023) sighted CCP letter of approval Community Consultation Program consistent with Schedule 2, Condition 6.5 of MP07_0124 from DPE dated 13/06/2023 A briefing note has been provided to DPE regarding the protection of the offset area. It says: EA proposes to use of the Conveyancing Act for establishing a security mechanism, and requests that DPE register a draft S88E instrument as the security mechanism for the Tallawarra B Vegetation Offset Site.	Compliant
	The project may only be carried out: c) generally in accordance with the EA.	Evidence of compliance with applicable consent conditions as gathered through this audit  Site inspection	It is considered that the project is generally being carried out in compliance with the generally in accordance with the EA.	Compliant

Condition Number	Requirement	Evidence Used	Findings and Recommendations	Compliance Status
1.2 TERMS OF APPROVAL	<p>The conditions of this approval and directions of the Secretary prevail to the extent of any inconsistency, ambiguity or conflict between them and the documents listed in condition 1.1c). In the event of an inconsistency, ambiguity or conflict between any of the documents listed in condition 1.1c), the most recent document prevails to the extent of any inconsistency, ambiguity or conflict.</p> <p>The conditions of this approval and directions of the Secretary prevail to the extent of any inconsistency, ambiguity or conflict between them and the documents listed in condition 1.1c). In the event of an inconsistency, ambiguity or conflict between any of the documents listed in condition 1.1c), the most recent document prevails to the extent of any inconsistency, ambiguity or conflict.</p> <p>The conditions of this approval and directions of the Secretary prevail to the extent of any inconsistency, ambiguity or conflict between them and the documents listed in condition 1.1c). In the event of an inconsistency, ambiguity or conflict between any of the documents listed in condition 1.1c), the most recent document prevails to the extent of any inconsistency, ambiguity or conflict.</p>	Noted.	Noted.	
1.3 TERMS OF APPROVAL	<p>The Proponent shall comply with any reasonable requirement(s) of the Secretary arising from the Department's assessment of:</p> <p>a) any documents that are submitted in accordance with this approval; and</p>	<p>Discussions with project team; data request response. Have updated offset plan; updated EMS TALLAB-EA-10111-AQB070-0006 - EMS rev 2.4</p> <p>Site inspection</p>	<p>The Department approved the commencement of limited Construction activities (civils for gas turbine, drainage and roads) conditionally on 24/12/21. Required 4 x points to be met relating to biodiversity - these points have been addressed as outlined in condition 7.6 environmental management strategy. Fifth point was CEMP approval, which has been met. CEMP was approved by Wayne Jones Team Leader - Post Approval DPIE, noting "Accordingly, the Secretary has approved the Construction Environmental Management Plan (Revision 2.3, dated 21 January 2022). Please ensure that the approved plan is placed on the project website at the earliest convenience." Letter of Approval from DPIE dated 28/01/2022 sighted. Viewed doc on website. No further requirements arising within the current audit period as commissioning not scheduled until end of October.</p>	Compliant
	<p>b) the implementation of any actions or measures contained in these documents.</p>	<p>Documentation, site inspection outlined within this schedule</p>	<p>The proponent is generally implementing actions or measures contained in the post approval plans, documents and DPE requirements, as noted in this audit. No further requirements arising within the current audit period.</p>	Compliant

Condition Number	Requirement	Evidence Used	Findings and Recommendations	Compliance Status
1.4 LIMITS OF APPROVAL	This approval will lapse if the Proponent does not physically commence the project by 21 December 2022.	The project commenced on 07/02/2022.	Audited and found compliant in IEA Audit 3	Compliant
1.5 LIMITS OF APPROVAL	The project shall comprise a single-unit gas turbine power plant with a total nominal output of up to 400 megawatts operating in open cycle mode or a single unit gas turbine plant with a nominal output of 400 megawatts operating in combined cycle mode.	<b>From previous audits:</b> TALLAB-EA-10110-ABB010-0006 - Tallawarra B - PMGS CP 4a and 5a for EPC - Works CP 4a - Design & CP 5a – Construction - Rev 0 TALLAB-EA-10110-ABB010-0007 - Tallawarra B - PMGS CP 4b and 5b for Network Interconnection - CP4b - Design & CP5b – Construction - Rev 0	Presentation for PMGS presentations (power plant and network connection showed the work scope as Installation of a 400MVA Generator with the 30% and 60% Design Review Workshop requirements (Nov, Dec), which included the structures for open cycle plans. EA has no updates/changes	Compliant
1.6 LIMITS OF APPROVAL	Nothing in this approval permits the construction and operation of an open cycle gas turbine plant, unless the Proponent has submitted a report to the Secretary which demonstrates that operation of an open cycle gas turbine plant will not have an adverse impact on aviation safety. This report must be prepared in consultation with Shellharbour City Council, and its conclusions and recommendations must have been agreed to by the CASA prior to submission to the Secretary. The report must be approved by the Secretary before commencement of construction of an open cycle plant.	Noted.	Noted.	

Condition Number	Requirement	Evidence Used	Findings and Recommendations	Compliance Status
1.7 STATUTORY REQUIREMENTS	The Proponent shall ensure that all licences, permits and approvals are obtained and maintained as required throughout the life of the project. No condition of this approval removes the obligation for the Proponent to obtain, renew or comply with such licences, permits or approvals. The Proponent shall ensure that a copy of this approval and all relevant environmental approvals are available on the site at all times during the life of the project.	<p><b>Previous IEA audits have audited:</b> Project Approval (EA) Construction EPL (EA) Road occupancy permit (GECL) Construction Certificate (GECL)</p> <p><b>New evidence:</b>  Offset Security Mechanism Memo from EA to DPE dd Aug23.  EMS Offset Plan dd 09Jan23, marked "Approved by DPIE".  Consent dd 19Oct22 issued by Wollongong City Council for road closure of Yallah Bay Road for the period 02Nov22-01Nov23.  EPL555 for electricity generation at Tallawarra 1 and 2. Email fr EPA dated 26/09/2023 regarding operational EPL</p>	Evidence from previous audits was found compliant. All new evidence appears in order.	Compliant
1.8 STATUTORY REQUIREMENTS	For the purpose of section 198(3)(b) of the Environmental Planning and Assessment Regulation 2000 (the Regulation), the relevant provisions, as defined in section 198(1) of the Regulation, apply to this approval.	Noted.	Not applicable.	

Condition Number	Requirement	Evidence Used	Findings and Recommendations	Compliance Status
2. OPERATING CONDITIONS				
2.1 APPROVED FUELS	Natural gas is the only fuel approved for firing of the burner/turbine.	Not applicable.	Not applicable: relates to Operations. Note that H2 MOD3 submitted Oct. EA has note re 'Packaged up draft documents and sent in transmittal.'	Not Triggered
2.4 MODE OF OPERATION	The Tallawarra Stage B combined cycle gas turbine power station shall not operate in cold start cycle at the same time as the Tallawarra Stage A combined cycle gas turbine power station, unless otherwise agreed to by the EPA and approved by the Secretary. A cold start is defined as the first 120 minutes following of power station operation after a period of more than 36 hours shut down.	Not applicable.	Not applicable: relates to Operations.	Not Triggered
2.5 APPROVED CHEMICALS	Only biocides and antifouling chemicals assessed in the documents referred to in condition 1.1c), or otherwise approved by the EPA, and permitted, registered or approved for use by the Australian Pesticides and Veterinary Medicines Association, shall be used in the operation of the power station.	Not applicable.	Not applicable: relates to Operations.	Not Triggered
3. SPECIFIC ENVIRONMENTAL CONDITIONS				

Condition Number	Requirement	Evidence Used	Findings and Recommendations	Compliance Status
3. 1 CONSTRUCTION NOISE	The Proponent shall only undertake construction activities associated with the project that would generate an audible noise at any sensitive receivers during the following hours: a) 7:00 am to 6:00 pm, Mondays to Fridays, inclusive;	<p><b>On project website:</b> CEMP Rev 2.5 (found compliant in previous IEA Audit 3). Complaints Handling Procedure in CCP Complaints Register, updated for Aug23.</p> <p><b>New evidence from this audit:</b> NOISE MONITORING contains 4 monthly noise monitoring reports by SLR Consulting Australia for the period Apr23-Jul23.</p> <p>NOISE contains a Noise Impact Assessment Report by ERM dd 04Nov22, a Construction Noise and Vibration Assessment Report by ERM dd 04Sep23, and a proposal by Benbow for a Detailed Operational Noise Review.</p>	<ul style="list-style-type: none"> <li>- No complaints received in this audit period.</li> <li>- Noise monitoring appears to be comprehensive and conducted on a regular basis.</li> <li>- Noise assessment reports contain an assessment of potential noise and vibration impacts associated with the construction of a Modification to the Tallawarra B Project Approval for the introduction of up to 5% hydrogen into the fuel mix and associated infrastructure. The reports are comprehensive and provide suggestions for ongoing noise and vibration mitigation. Mod pending submission to DPE therefore not yet live requirements</li> <li>- OOHW hours applications appears to be diligently made and processed.</li> <li>- MONTHLY ER REPORTS for 7 months from May-Aug noted "no non-compliances, no incidents and no complaints"</li> <li>- Weekly environmental inspection reports flag each noise-related checklist item as "N/A". This is because the question "Were any noise or vibration complaints received in the last week?"(item 23) was not part of this inspection. Month report in the progress report shows correct response.</li> </ul> <p>Site hours shown. OOHW is happening, there is an attended noise monitoring being done Aug, Sep 23. SLR Noise report for Aug &amp; Sep sighted. Noise mgt level are inaudible &amp; compliant Proponent will get a commissioning OOHW in place to cover the period over Dec/Jan.</p>	Compliant
	The Proponent shall only undertake construction activities associated with the project that would generate an audible noise at any sensitive receivers during the following hours: b) 8:00 am to 1:00 pm on Saturdays; and	<p>EPL555 contains map with noise monitoring locations for Tall A and Talla B.</p> <p>OOHW APPLICATIONS contains three OOHW authorisation permits with application dates of 05Apr23, 19May23 and 08Aug23.</p> <p>ENVIRO INSPECTIONS contains weekly enviro inspection reports for the period 14Apr23-17Aug23.</p> <p>PROGRESS REPORTS contains one copy of a monthly progress report for 26Jul-25Aug23.</p> <p>ER montly reports May-Aug2023</p>	<ul style="list-style-type: none"> <li>- No complaints received in this audit period.</li> <li>- Noise monitoring appears to be comprehensive and conducted on a regular basis.</li> <li>- Noise assessment reports contain an assessment of potential noise and vibration impacts associated with the construction of a Modification to the Tallawarra B Project Approval for the introduction of up to 5% hydrogen into the fuel mix and associated infrastructure. The reports are comprehensive and provide suggestions for ongoing noise and vibration mitigation. Mod pending submission to DPE therefore not yet live requirements</li> <li>- OOHW hours applications appears to be diligently made and processed.</li> <li>- Weekly environmental inspection reports flag each noise-related checklist item as "N/A". This is because the question "Were any noise or vibration complaints received in the last week?"(item 23) was not part of this inspection. Month report in the progress report shows correct response.</li> </ul>	Compliant

Condition Number	Requirement	Evidence Used	Findings and Recommendations	Compliance Status
	<p>The Proponent shall only undertake construction activities associated with the project that would generate an audible noise at any sensitive receivers during the following hours: c) at no time on Sundays or public holidays. This condition does not apply in the event of a direction from police or other relevant authority for safety reasons, or to prevent environmental harm, the loss of property or risk to life.</p>	Site inspection	<ul style="list-style-type: none"> <li>- No complaints received in this audit period.</li> <li>- Noise monitoring appears to be comprehensive and conducted on a regular basis.</li> <li>- Noise assessment reports contain an assessment of potential noise and vibration impacts associated with the construction of a Modification to the Tallawarra B Project Approval for the introduction of up to 5% hydrogen into the fuel mix and associated infrastructure. The reports are comprehensive and provide suggestions for ongoing noise and vibration mitigation. Mod pending submission to DPE therefore not yet live requirements</li> <li>- OOHW hours applications appears to be diligently made and processed.</li> <li>- - Weekly environmental inspection reports flag each noise-related checklist item as "N/A". This is because the question "Were any noise or vibration complaints received in the last week?"(item 23) was not part of this inspection. Month report in the progress report shows correct response.</li> </ul>	Compliant
3.2 CONSTRUCTION NOISE	<p>The hours of construction activities specified under condition 3.1 of this approval may be varied with the prior written approval of the Secretary. Any request to alter the hours of construction specified under condition 3.1 shall be: a) considered on a case-by-case basis;</p>	See 3.1	<ul style="list-style-type: none"> <li>- OOHW hours permits appear to be diligently made and processed. Permits note that EPA has been consulted and DPE has approved.</li> </ul>	Compliant
	<p>b) accompanied by details of the nature and need for activities to be conducted during the varied construction hours; and</p>	See 3.1	<ul style="list-style-type: none"> <li>- OOHW hours permits appear to be diligently made and processed. Permits note that EPA has been consulted and DPE has approved.</li> </ul>	Compliant
	<p>c) accompanied by written evidence demonstrating consultation with the EPA in relation to the proposed variation in construction times (including the consideration of any comments made by the EPA).</p>	See 3.1	<ul style="list-style-type: none"> <li>- OOHW hours permits appear to be diligently made and processed. Permits note that EPA has been consulted and DPE has approved.</li> </ul>	Compliant



Condition Number	Requirement	Evidence Used	Findings and Recommendations	Compliance Status
3.3 CONSTRUCTION NOISE	The Proponent shall implement all reasonable and feasible mitigation measures with the aim of achieving the following construction noise and vibration goals: a) where audible at any sensitive receivers, the LAeq (15minute) noise level from construction activities should not exceed the rating background level by more than 10 dB; and	See 3.1  NOISE MONITORING contains 4 monthly noise monitoring reports by SLR Consulting Australia for the period Apr23-Jul23.	- All 4 of the available noise monitoring reports conclude that "...The measurement results indicate that the noise emissions from the site at the nearest residential receivers were inaudible and compliant with the Noise Management Level during the daytime period...". - No complaints recorded in this audit period.	Compliant
	b) the vibration limits set out in the Assessing Vibration: A Technical Guideline (Department of Environment and Climate Change, 2006) for human exposure.	NOISE contains a Noise Impact Assessment Report by ERM dd 04Nov22, a Construction Noise and Vibration Assessment Report by ERM dd 04Sep23, and a proposal by Benbow for a Detailed Operational Noise Review.  EPL555 contains map with noise monitoring locations for Tall A and Talla B.  Complaints Register.  Discussion with EA and GEGL. TALLAB-EA-10111-AQB070-0010 Noise and Air Quality Management Sub-Plan - 2022-02-03. TALLAB-GECL-10111-ABD080-0005.1	- No complaints recorded in this audit period. Vibration monitoring is not expected as equipment that is proposed for use is not expected to generating vibration impacts (ref NAQMP 3.5.2). It states: <i>it is understood that no equipment likely to cause significant vibration, is proposed as part of the works. Furthermore, the nearest off-site buildings and receivers are located well over 30 m from any part of the project. Given this distance, there is no prospect of either cosmetic damage (as per BS 7385) or human response (OH&amp;E Vibration Guideline) given the proposed construction activities. Due to the proximity of the site to nearest receivers and limited vibration generating activities, no vibration impacts are expected from the proposed construction or operational activities (Benbow 2020).</i> Sighted SLR vibration report dated 20 October 2022 which reported that for the closest sensitive receiver, vibration is below this limit and provided distances from machinery to be maintained to ensure this level is achieved for relevant onsite personnel.	Compliant

Condition Number	Requirement	Evidence Used	Findings and Recommendations	Compliance Status
3.4 CONSTRUCTION NOISE	During construction, the Proponent shall minimise noise emissions from plant and equipment, including bulldozers, cranes, graders, excavators and trucks, by installing and maintaining where reasonable and feasible, efficient silencers and low-noise mufflers (residential standard).	<p><b>On project website:</b> CEMP Rev 2.5 (found compliant in previous IEA Audit 3). Complaints Handling Procedure in CCP Complaints Register, updated for Aug23.</p> <p><b>New evidence from this audit:</b> NOISE MONITORING contains 4 monthly noise monitoring reports by SLR Consulting Australia for the period Apr23-Jul23. NOISE contains a Noise Impact Assessment Report by ERM dd 04Nov22, a Construction Noise and Vibration Assessment Report by ERM dd 04Sep23, and a proposal by Benbow for a Detailed Operational Noise Review. EPL555 contains map with noise monitoring locations for Tall A and Talla B. OOHW APPLICATIONS contains three OOHW authorisation permits with application dates of 05Apr23, 19May23 and 08Aug23. Current one through to 10/12/23 ENVIRO INSPECTIONS contains weekly enviro inspection reports for the period 14Apr23-17Aug23. PROGRESS REPORTS contains one copy of a monthly progress report for 26Jul-25Aug23. Noise modelling reports for six months Jun to Sept recived or sighted onsite.</p> <p>Site inspection</p>	<ul style="list-style-type: none"> <li>- No complaints received in this audit period.</li> <li>- Noise monitoring appears to be comprehensive and conducted on a regular basis.</li> <li>- Noise assessment reports are comprehensive and provide suggestions for ongoing mitigation.</li> <li>- OOHW hours applications appears to be diligently made and processed.</li> <li>- Weekly environmental inspection reports flag each noise-related checklist item as "N/A". This is because the question "Were any noise or vibration complaints received in the last week?"(item 23) was not part of this inspection. Month report in the progress report shows correct response.</li> </ul> <p>Vehicles have squawkers, no noisy equipment noted.</p>	Compliant
	<p>The Proponent shall design, construct, operate and maintain the project to ensure that the total cumulative noise contribution from the combined operation of the Tallawarra Stage A and Tallawarra Stage B power stations to the background acoustic environment does not exceed the noise limits specified in Table 1 and Table 2.</p> <p>The localities set out in Table 1 are those described in Appendix E of the document listed in condition 1.1c). For the purpose of Table 1, “residence” is defined as any residential dwelling existing at the date of this approval and any residential dwelling, once constructed, on land zoned R2 - Low Density Residential under the Wollongong Local Environmental Plan 2009 at the identified locality. The proposed residential areas set out in Table 2 are those illustrated in Appendix A of the Tallawarra Concept Plan Application – Preliminary Assessment Report prepared by Don Fox Planning and dated June 2009. For the purpose of Table 2, “residence” is defined as any residential dwelling once constructed, either prior to or post the construction and operation of the power station, on land zoned R2 - Low Density Residential or R5 - Large Lot Residential under the Wollongong Local</p>	<p>NOISE contains a proposal by Benbow dd 08Jun23 for a Detailed Operational Noise Review.</p> <p>EPL555 contains map with noise monitoring locations for Tall A and Talla B.</p> <p>EPA approval of scope not sighted.</p>	<ul style="list-style-type: none"> <li>- Provided evidence suggests advice has been sought to commence the management and mitigation of operational noise, nothing further.</li> </ul>	Not Triggered

Condition Number	Requirement	Evidence Used	Findings and Recommendations	Compliance Status																																	
3.5 OPERATIONAL NOISE	Environmental Plan 2009 within the proposed residential areas.																																				
	<p>If noise from an activity is substantially tonal, intermittent or impulsive in nature and contains major components within the low frequency range (as described in Noise Policy for Industry</p> <p>(NSW EPA, 2017)), 5 dB(A) must be added to the measured noise level when comparing the measured noise with the limits specified in Tables 1 and 2, in accordance with the requirements of the Noise Policy for Industry (NSW EPA, 2017).</p> <p>The noise limits set out in Table 1 and Table 2 do not apply under: wind speeds greater than 3 m/s (measured at 10 metres above ground level); or under stability category G temperature inversion conditions; or under stability category F temperature inversion conditions and wind speeds greater than 2 metres per second at 10 metres above the ground.</p> <p>Stability category temperature inversion conditions are to be determined by the sigma-theta method referred to in the Noise Policy for Industry (NSW EPA, 2017).</p> <p>The data to be used for determining meteorological conditions is that recorded by the meteorological weather station located at the Tallawarra Stage A power station.</p>																																				
	<p>Table 1 – Maximum Allowable Noise Limits Outside the Tallawarra Lands</p> <table><tr><th rowspan="2">Location</th><th>Day 7:00 am to 6:00 pm Mondays to Saturdays 8:00 am to 6:00 pm Sundays and public holidays</th><th>Evening 6:00 pm to 10:00 pm on any day</th><th colspan="2">Night 10:00 pm to 7:00 am Mondays to Saturdays 10:00 pm to 8:00 am Sundays and public holidays</th></tr><tr><th>L<sub>Aeq</sub>(15 minute)</th><th>L<sub>Aeq</sub>(15 minute)</th><th>L<sub>Aeq</sub>(15 minute)</th><th>L<sub>Amax</sub></th></tr><tr><td>Locality T2 Any residence on Carlyle Close, Wollin Place, Coronet Place, and Crompton Street, in <del>Koonawarra</del></td><td>35 dB(A)</td><td>35 dB(A)</td><td>35 dB(A)</td><td>45 dB(A)</td></tr><tr><td>Locality T4 Any residence on <del>Wyndarra Way</del> and <del>Malonga Place</del> in <del>Koonawarra</del></td><td>35 dB(A)</td><td>35 dB(A)</td><td>35 dB(A)</td><td>45 dB(A)</td></tr><tr><td>Locality ML#9 Any residence on <del>The Boulevard</del>, Park Crescent, Horsley Road and Newton Crescent in Oak Flats</td><td>38 dB(A)</td><td>38 dB(A)</td><td>38 dB(A)</td><td>45 dB(A)</td></tr><tr><td>Locality ML#10 Any residence on <del>Reddall Parade</del> and <del>Henricks Parade</del> in <del>Mt Warrigal</del></td><td>38 dB(A)</td><td>38 dB(A)</td><td>38 dB(A)</td><td>45 dB(A)</td></tr><tr><td>Locality ML#11 Any residence in Haywards Bay</td><td>35 dB(A)</td><td>35 dB(A)</td><td>35 dB(A)</td><td>45 dB(A)</td></tr></table>	Location	Day 7:00 am to 6:00 pm Mondays to Saturdays 8:00 am to 6:00 pm Sundays and public holidays	Evening 6:00 pm to 10:00 pm on any day	Night 10:00 pm to 7:00 am Mondays to Saturdays 10:00 pm to 8:00 am Sundays and public holidays		L <sub>Aeq</sub> (15 minute)	L <sub>Aeq</sub> (15 minute)	L <sub>Aeq</sub> (15 minute)	L <sub>Amax</sub>	Locality T2 Any residence on Carlyle Close, Wollin Place, Coronet Place, and Crompton Street, in <del>Koonawarra</del>	35 dB(A)	35 dB(A)	35 dB(A)	45 dB(A)	Locality T4 Any residence on <del>Wyndarra Way</del> and <del>Malonga Place</del> in <del>Koonawarra</del>	35 dB(A)	35 dB(A)	35 dB(A)	45 dB(A)	Locality ML#9 Any residence on <del>The Boulevard</del> , Park Crescent, Horsley Road and Newton Crescent in Oak Flats	38 dB(A)	38 dB(A)	38 dB(A)	45 dB(A)	Locality ML#10 Any residence on <del>Reddall Parade</del> and <del>Henricks Parade</del> in <del>Mt Warrigal</del>	38 dB(A)	38 dB(A)	38 dB(A)	45 dB(A)	Locality ML#11 Any residence in Haywards Bay	35 dB(A)	35 dB(A)	35 dB(A)	45 dB(A)	Not applicable.	Not applicable: relates to Operations.
Location	Day 7:00 am to 6:00 pm Mondays to Saturdays 8:00 am to 6:00 pm Sundays and public holidays		Evening 6:00 pm to 10:00 pm on any day	Night 10:00 pm to 7:00 am Mondays to Saturdays 10:00 pm to 8:00 am Sundays and public holidays																																	
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	<p><b>Table 2 - Noise Limits for Tallawarra Lands Residential Areas</b></p> <table><tr><th>Location</th><th>Day 7:00 am to 6:00 pm Mondays to Saturdays 8:00 am to 6:00 pm Sundays and public holidays</th><th>Evening 6:00 pm to 10:00 pm on any day</th><th colspan="2">Night 10:00 pm to 7:00 am Mondays to Saturdays 10:00 pm to 8:00 am Sundays and public holidays</th></tr><tr><th></th><th>L<sub>Aeq</sub>(15 minute)</th><th>L<sub>Aeq</sub>(15 minute)</th><th>L<sub>Aeq</sub>(15 minute)</th><th>L<sub>Amax</sub></th></tr><tr><td>Most affected residence - proposed northern residential area</td><td>If the <i>Noise Policy for Industry (NSW EPA, 2017)</i> Modification Factors for Low Frequency Noise apply – 40 dB(A), otherwise 38 dB(A)</td><td>If the <i>Noise Policy for Industry (NSW EPA, 2017)</i> Modification Factors for Low Frequency Noise apply – 40 dB(A), otherwise 38 dB(A)</td><td>If the <i>Noise Policy for Industry (NSW EPA, 2017)</i> Modification Factors for Low Frequency Noise apply – 40 dB(A), otherwise 38 dB(A)</td><td>50 dB(A)</td></tr><tr><td>Most affected residence - proposed central residential area</td><td>40 dB(A)</td><td>40 dB(A)</td><td>40 dB(A)</td><td>50 dB(A)</td></tr><tr><td>Most affected residence - proposed south-western residential area</td><td>41 dB(A)</td><td>41 dB(A)</td><td>41 dB(A)</td><td>51 dB(A)</td></tr></table>	Location	Day 7:00 am to 6:00 pm Mondays to Saturdays 8:00 am to 6:00 pm Sundays and public holidays	Evening 6:00 pm to 10:00 pm on any day	Night 10:00 pm to 7:00 am Mondays to Saturdays 10:00 pm to 8:00 am Sundays and public holidays			L <sub>Aeq</sub> (15 minute)	L <sub>Aeq</sub> (15 minute)	L <sub>Aeq</sub> (15 minute)	L <sub>Amax</sub>	Most affected residence - proposed northern residential area	If the <i>Noise Policy for Industry (NSW EPA, 2017)</i> Modification Factors for Low Frequency Noise apply – 40 dB(A), otherwise 38 dB(A)	If the <i>Noise Policy for Industry (NSW EPA, 2017)</i> Modification Factors for Low Frequency Noise apply – 40 dB(A), otherwise 38 dB(A)	If the <i>Noise Policy for Industry (NSW EPA, 2017)</i> Modification Factors for Low Frequency Noise apply – 40 dB(A), otherwise 38 dB(A)	50 dB(A)	Most affected residence - proposed central residential area	40 dB(A)	40 dB(A)	40 dB(A)	50 dB(A)	Most affected residence - proposed south-western residential area	41 dB(A)	41 dB(A)	41 dB(A)	51 dB(A)			
Location	Day 7:00 am to 6:00 pm Mondays to Saturdays 8:00 am to 6:00 pm Sundays and public holidays	Evening 6:00 pm to 10:00 pm on any day	Night 10:00 pm to 7:00 am Mondays to Saturdays 10:00 pm to 8:00 am Sundays and public holidays																										
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Most affected residence - proposed northern residential area	If the <i>Noise Policy for Industry (NSW EPA, 2017)</i> Modification Factors for Low Frequency Noise apply – 40 dB(A), otherwise 38 dB(A)	If the <i>Noise Policy for Industry (NSW EPA, 2017)</i> Modification Factors for Low Frequency Noise apply – 40 dB(A), otherwise 38 dB(A)	If the <i>Noise Policy for Industry (NSW EPA, 2017)</i> Modification Factors for Low Frequency Noise apply – 40 dB(A), otherwise 38 dB(A)	50 dB(A)																									
Most affected residence - proposed central residential area	40 dB(A)	40 dB(A)	40 dB(A)	50 dB(A)																									
Most affected residence - proposed south-western residential area	41 dB(A)	41 dB(A)	41 dB(A)	51 dB(A)																									
3.6 OPERATIONAL NOISE	Where operational noise monitoring (as required by either conditions 4.1 or 4.5 of this approval) identifies any non-compliance with the operational noise limits specified under condition 3.5 of this approval, the Proponent shall prepare and submit to the Secretary for approval a report including, but not limited to: a) an assessment of all reasonable and feasible physical and other mitigation measures for reducing noise at the source;	Not applicable.	Operation noise must be reviewed during commissioning as part of PDD; Commissioning scheduled for late Oct 2023; therefore review scheduled for Dec 2023 This relates to two things; condition 1.6 and ongoing discussion with PDD.	Not Triggered																									
	Where operational noise monitoring (as required by either conditions 4.1 or 4.5 of this approval) identifies any non-compliance with the operational noise limits specified under condition 3.5 of this approval, the Proponent shall prepare and submit to the Secretary for approval a report including, but not limited to: b) Identification of the preferred measure(s) for reducing noise at the source;	Not applicable.	Operation noise must be reviewed during commissioning as part of PDD; Commissioning scheduled for late Oct 2023; therefore review scheduled for Dec 2023 This relates to two things; condition 1.6 and ongoing discussion with PDD.	Not Triggered																									
	Where operational noise monitoring (as required by either conditions 4.1 or 4.5 of this approval) identifies any non-compliance with the operational noise limits specified under condition 3.5 of this approval, the Proponent shall prepare and submit to the Secretary for approval a report including, but not limited to: c) evidence that the EPA is satisfied that the proposed noise mitigation measures are acceptable; and	Not applicable.	Operation noise must be reviewed during commissioning as part of PDD; Commissioning scheduled for late Oct 2023; therefore review scheduled for Dec 2023 This relates to two things; condition 1.6 and ongoing discussion with PDD.	Not Triggered																									
	Where operational noise monitoring (as required by either conditions 4.1 or 4.5 of this approval) identifies any non-compliance with the operational noise limits specified under condition 3.5 of this approval, the Proponent shall prepare and submit to the Secretary for approval a report including, but not limited to: d) location, type, timing and responsibility for implementation of the noise mitigation measure(s). The report is to be submitted to the Secretary within 90 days of undertaking the noise monitoring which has identified exceedances of the operational noise criteria specified under condition 3.5, unless otherwise agreed to by the Secretary. The Proponent shall implement all reasonable and feasible mitigation measures in accordance with the requirements of the Secretary.	Not applicable.	Operation noise must be reviewed during commissioning as part of PDD; Commissioning scheduled for late Oct 2023; therefore review scheduled for Dec 2023 This relates to two things; condition 1.6 and ongoing discussion with PDD.	Not Triggered																									

Condition Number	Requirement	Evidence Used	Findings and Recommendations	Compliance Status																												
3.7 ADDITIONAL NOISE MITIGATION MEASURES	<p>If, after the implementation of all reasonable and feasible source controls, as identified in the report required by condition 3.6, the noise generated by the combined operation of the Tallawarra Stage A and Tallawarra Stage B power stations exceeds the noise limits stipulated in Table 3 and Table 4 at the specified localities, upon receiving a written request from an affected landowner (unless that landowner has acquisition rights under condition 3.13 of this approval and has requested acquisition) the Proponent shall investigate and implement reasonable and feasible at-receiver noise mitigation measures such as double glazing, insulation, air conditioning and or other building acoustic treatments at any residence on the land, in consultation with the landowner, to ensure that the noise limits specified in condition 3.5 of this approval are not exceeded. If noise from an activity is substantially tonal, intermittent or impulsive in nature and contains major components within the low frequency range (as described in Noise Policy for Industry (NSW EPA, 2017)), 5 dB(A) must be added to the measured noise level when comparing the measured noise with the limits specified in Tables 3 and 4, in accordance with the requirements of the Noise Policy for Industry (NSW EPA, 2017).</p>	Not applicable.	Not applicable: relates to Operations.	Not Triggered																												
	<div>Table 3 – Additional Noise Mitigation Criteria Outside the Tallawarra Lands</div> <table><tr><th>Location</th><th>Day 7:00 am to 6:00 pm Mondays to Saturdays 8:00 am to 6:00 pm Sundays and public holidays</th><th>Evening 6:00 pm to 10:00 pm on any day</th><th>Night 10:00 pm to 7:00 am Mondays to Saturdays 10:00 pm to 8:00 am Sundays and public holidays</th></tr><tr><td></td><td>L<sub>Aeq</sub>(15 minute)</td><td>L<sub>Aeq</sub>(15 minute)</td><td>L<sub>Aeq</sub>(15 minute)</td></tr><tr><td>Locality T2 Any residence on Carlyle Close, Wollin Place, Coronet Place, and Crompton Street, Koonawarra</td><td>40 dB(A)</td><td>40 dB(A)</td><td>40 dB(A)</td></tr><tr><td>Locality T4 Any residence on Wyndarra Way and Malonga Place in Koonawarra</td><td>41 dB(A)</td><td>41 dB(A)</td><td>41 dB(A)</td></tr><tr><td>Locality ML#9 Any residence on The Boulevard, Park Crescent, Horsley Road and Newton Crescent in Oak Flats</td><td>41 dB(A)</td><td>41 dB(A)</td><td>41 dB(A)</td></tr><tr><td>Locality ML#10 Any residence on Reddall Parade and Henricks Parade in Mt Warrigal</td><td>40 dB(A)</td><td>40 dB(A)</td><td>40 dB(A)</td></tr><tr><td>Locality ML#11 Any residence in Haywards Bay</td><td>47 dB(A)</td><td>47 dB(A)</td><td>47 dB(A)</td></tr></table>	Location	Day 7:00 am to 6:00 pm Mondays to Saturdays 8:00 am to 6:00 pm Sundays and public holidays		Evening 6:00 pm to 10:00 pm on any day	Night 10:00 pm to 7:00 am Mondays to Saturdays 10:00 pm to 8:00 am Sundays and public holidays		L <sub>Aeq</sub> (15 minute)	L <sub>Aeq</sub> (15 minute)	L <sub>Aeq</sub> (15 minute)	Locality T2 Any residence on Carlyle Close, Wollin Place, Coronet Place, and Crompton Street, Koonawarra	40 dB(A)	40 dB(A)	40 dB(A)	Locality T4 Any residence on Wyndarra Way and Malonga Place in Koonawarra	41 dB(A)	41 dB(A)	41 dB(A)	Locality ML#9 Any residence on The Boulevard, Park Crescent, Horsley Road and Newton Crescent in Oak Flats	41 dB(A)	41 dB(A)	41 dB(A)	Locality ML#10 Any residence on Reddall Parade and Henricks Parade in Mt Warrigal	40 dB(A)	40 dB(A)	40 dB(A)	Locality ML#11 Any residence in Haywards Bay	47 dB(A)	47 dB(A)	47 dB(A)	Not applicable.	Not applicable: relates to Operations.
	Location	Day 7:00 am to 6:00 pm Mondays to Saturdays 8:00 am to 6:00 pm Sundays and public holidays	Evening 6:00 pm to 10:00 pm on any day		Night 10:00 pm to 7:00 am Mondays to Saturdays 10:00 pm to 8:00 am Sundays and public holidays																											
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<div>Table 4 - Additional Noise Mitigation Criteria for Tallawarra Lands Residential Areas</div> <table><tr><th>Location</th><th>Day 7:00 am to 6:00 pm Mondays to Saturdays 8:00 am to 6:00 pm Sundays and public holidays</th><th>Evening 6:00 pm to 10:00 pm on any day</th><th>Night 10:00 pm to 7:00 am Mondays to Saturdays 10:00 pm to 8:00 am Sundays and public holidays</th></tr><tr><td></td><td>L<sub>Aeq</sub>(15 minute)</td><td>L<sub>Aeq</sub>(15 minute)</td><td>L<sub>Aeq</sub>(15 minute)</td></tr><tr><td>Most affected residence - proposed northern residential area</td><td>43 dB(A)</td><td>43 dB(A)</td><td>43 dB(A)</td></tr><tr><td>Most affected residence - proposed central residential area</td><td>43 dB(A)</td><td>43 dB(A)</td><td>43 dB(A)</td></tr><tr><td>Most affected residence - proposed south-western residential area</td><td>44 dB(A)</td><td>44 dB(A)</td><td>44 dB(A)</td></tr></table>	Location	Day 7:00 am to 6:00 pm Mondays to Saturdays 8:00 am to 6:00 pm Sundays and public holidays	Evening 6:00 pm to 10:00 pm on any day	Night 10:00 pm to 7:00 am Mondays to Saturdays 10:00 pm to 8:00 am Sundays and public holidays		L <sub>Aeq</sub> (15 minute)	L <sub>Aeq</sub> (15 minute)	L <sub>Aeq</sub> (15 minute)	Most affected residence - proposed northern residential area	43 dB(A)	43 dB(A)	43 dB(A)	Most affected residence - proposed central residential area	43 dB(A)	43 dB(A)	43 dB(A)	Most affected residence - proposed south-western residential area	44 dB(A)	44 dB(A)	44 dB(A)	Not applicable.	Not applicable: relates to Operations.										
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3.8 ADDITIONAL NOISE MITIGATION MEASURES	The Proponent shall bear the costs of any additional at-receiver mitigation measures implemented at an affected property or land.	Not applicable.	Not applicable: relates to Operations.	Not Triggered																												

Condition Number	Requirement	Evidence Used	Findings and Recommendations	Compliance Status
3.9 ADDITIONAL NOISE MITIGATION MEASURES	The Proponent shall make a binding written offer to the landowner regarding the mitigation options that can be implemented at the property. If within three months of receiving this request from the landowner the Proponent and landowner cannot agree on the measures to be implemented, or there is a dispute about the implementation of these measures, then either party may refer the matter to the Secretary for resolution, whose decision shall be final. If the landowner refuses to accept the Proponent's offer within six months of the date of offer, the Proponent's obligations to provide additional mitigation measures at the property or land shall cease, unless otherwise agreed by the Secretary.	Not applicable.	Not applicable: relates to Operations.	Not Triggered
3.10 ADDITIONAL NOISE MITIGATION MEASURES	If a landowner has agreed to, or a property has been the subject of the application of, at-source noise mitigation measures under condition 3.7, the Proponent's obligations to re-consider the land or property under the requirements of condition 3.7 shall cease, unless otherwise agreed by the Secretary.	Not applicable.	Not applicable: relates to Operations.	Not Triggered
3.11 ADDITIONAL NOISE MITIGATION MEASURES	The requirements of conditions 3.7 to 3.10 do not apply if a negotiated agreement consistent with the requirements of Noise Policy for Industry (NSW EPA, 2017) exists between the Proponent and the landowner.	Not applicable.	Not applicable: relates to Operations.	Not Triggered
3.12 ADDITIONAL NOISE MITIGATION MEASURES	The Proponent shall provide written notice to all landowners that are entitled to rights under condition 3.7 within 21 days of determining the landholdings to which these rights apply. This condition only applies where operational noise levels have been confirmed. For the purpose of this condition and condition 3.18, confirmation of operational noise levels means: a) completion of the operational noise review required under condition 4.1 of this approval; and	Not applicable.	Not applicable: relates to Operations.	Not Triggered
	The Proponent shall provide written notice to all landowners that are entitled to rights under condition 3.7 within 21 days of determining the landholdings to which these rights apply. This condition only applies where operational noise levels have been confirmed. For the purpose of this condition and condition 3.18, confirmation of operational noise levels means: b) implementation of any source controls, as required under condition 3.6 of this approval, should the operational noise review indicate noise levels in excess of the operational noise limits specified in condition 3.5; and	Not applicable.	Not applicable: relates to Operations.	Not Triggered



Condition Number	Requirement	Evidence Used	Findings and Recommendations	Compliance Status																											
	<p>The Proponent shall provide written notice to all landowners that are entitled to rights under condition 3.7 within 21 days of determining the landholdings to which these rights apply. This condition only applies where operational noise levels have been confirmed. For the purpose of this condition and condition 3.18, confirmation of operational noise levels means: c) monitoring of operational noise levels, as per the requirements under condition 4.5 of this approval, following the implementation of any source controls.</p>	Not applicable.	Not applicable: relates to Operations.	Not Triggered																											
3.13 LAND ACQUISITION CRITERIA	<p>If, after the implementation of all reasonable and feasible source controls, as identified in the report required by condition 3.6, the noise generated by the combined operation of the Tallawarra Stage A and Tallawarra Stage B power stations exceeds the noise limits specified in Table 5 and Table 6 at the specified localities, the Proponent shall, upon receiving a written request for acquisition from the landowner, within two years of the date of that landowner being notified of his/her acquisition rights, acquire the land in accordance with the procedures in conditions 3.14 to 3.16 of this approval. Any landowner that has agreed to, or property that has been the subject of, the application of additional noise mitigation measures under condition 3.7 of this approval waives the right to land acquisition. If noise from an activity is substantially tonal, intermittent or impulsive in nature and contains major components within the low frequency range (as described in Noise Policy for Industry(NSW EPA, 2017)),5 dB(A) must be added to the measured noise level when comparing the measured noise with the limits specified in Tables5 and 6, in accordance with the requirements of the Noise Policy for Industry(NSW EPA, 2017).</p>	Not applicable.	Not applicable: relates to Operations.	Not Triggered																											
	<p><b>Table 5 - Land Acquisition Criteria for Residential Receivers Outside the Tallawarra Lands</b></p> <table><tr><th rowspan="2">Location</th><th>Day 7:00 am to 6:00 pm Mondays to Saturdays 8:00 am to 6:00 pm Sundays and public holidays</th><th>Evening 6:00 pm to 10:00 pm on any day</th><th>Night 10:00 pm to 7:00 pm Mondays to Saturdays 10:00 pm to 8:00 am Sundays and public holidays</th></tr><tr><th>L<sub>Aeq</sub>(15 minute)</th><th>L<sub>Aeq</sub>(15 minute)</th><th>L<sub>Aeq</sub>(15 minute)</th></tr><tr><td>Locality T2 Any residence on Carlyle Close, Wollin Place, Coronet Place, and Crompton Street, Koonawarra</td><td>43 dB(A)</td><td>43 dB(A)</td><td>43 dB(A)</td></tr><tr><td>Locality T4 Any residence on Wyndarra Way and Malonga Place in Koonawarra</td><td>44 dB(A)</td><td>44 dB(A)</td><td>44 dB(A)</td></tr><tr><td>Locality ML#9 Any residence on The Boulevard, Park Crescent, Horsley Road and Newton Crescent in Oak Flats</td><td>44 dB(A)</td><td>44 dB(A)</td><td>44 dB(A)</td></tr><tr><td>Locality ML#10 Any residence on Reddall Parade and Henricks Parade in Mt Warrigal</td><td>43 dB(A)</td><td>43 dB(A)</td><td>43 dB(A)</td></tr><tr><td>Locality ML#11 Any residence in Haywards Bay</td><td>50 dB(A)</td><td>50 dB(A)</td><td>50 dB(A)</td></tr></table>	Location	Day 7:00 am to 6:00 pm Mondays to Saturdays 8:00 am to 6:00 pm Sundays and public holidays	Evening 6:00 pm to 10:00 pm on any day	Night 10:00 pm to 7:00 pm Mondays to Saturdays 10:00 pm to 8:00 am Sundays and public holidays	L <sub>Aeq</sub> (15 minute)	L <sub>Aeq</sub> (15 minute)	L <sub>Aeq</sub> (15 minute)	Locality T2 Any residence on Carlyle Close, Wollin Place, Coronet Place, and Crompton Street, Koonawarra	43 dB(A)	43 dB(A)	43 dB(A)	Locality T4 Any residence on Wyndarra Way and Malonga Place in Koonawarra	44 dB(A)	44 dB(A)	44 dB(A)	Locality ML#9 Any residence on The Boulevard, Park Crescent, Horsley Road and Newton Crescent in Oak Flats	44 dB(A)	44 dB(A)	44 dB(A)	Locality ML#10 Any residence on Reddall Parade and Henricks Parade in Mt Warrigal	43 dB(A)	43 dB(A)	43 dB(A)	Locality ML#11 Any residence in Haywards Bay	50 dB(A)	50 dB(A)	50 dB(A)	Not applicable.	Not applicable: relates to Operations.	Not Triggered
	Location		Day 7:00 am to 6:00 pm Mondays to Saturdays 8:00 am to 6:00 pm Sundays and public holidays	Evening 6:00 pm to 10:00 pm on any day	Night 10:00 pm to 7:00 pm Mondays to Saturdays 10:00 pm to 8:00 am Sundays and public holidays																										
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	<p><b>Table 6 - Land Acquisition Criteria for Tallawarra Lands Residential Areas</b></p> <table><tr><th rowspan="2">Location</th><th>Day 7:00 am to 6:00 pm Mondays to Saturdays 8:00 am to 6:00 pm Sundays and public holidays</th><th>Evening 6:00 pm to 10:00 pm on any day</th><th>Night 10:00 pm to 7:00 am Mondays to Saturdays 10:00 pm to 8:00 am Sundays and public holidays</th></tr><tr><th>L<sub>Aeq</sub>(15 minute)</th><th>L<sub>Aeq</sub>(15 minute)</th><th>L<sub>Aeq</sub>(15 minute)</th></tr><tr><td>Most affected residence - proposed northern residential area</td><td>46dB(A)</td><td>46dB(A)</td><td>46dB(A)</td></tr><tr><td>Most affected residence - proposed central residential area</td><td>46 dB(A)</td><td>46 dB(A)</td><td>46 dB(A)</td></tr><tr><td>Most affected residence - proposed south-western residential area</td><td>47 dB(A)</td><td>47 dB(A)</td><td>47 dB(A)</td></tr></table>	Location	Day 7:00 am to 6:00 pm Mondays to Saturdays 8:00 am to 6:00 pm Sundays and public holidays	Evening 6:00 pm to 10:00 pm on any day	Night 10:00 pm to 7:00 am Mondays to Saturdays 10:00 pm to 8:00 am Sundays and public holidays	L <sub>Aeq</sub> (15 minute)	L <sub>Aeq</sub> (15 minute)	L <sub>Aeq</sub> (15 minute)	Most affected residence - proposed northern residential area	46dB(A)	46dB(A)	46dB(A)	Most affected residence - proposed central residential area	46 dB(A)	46 dB(A)	46 dB(A)	Most affected residence - proposed south-western residential area	47 dB(A)	47 dB(A)	47 dB(A)	Not applicable.	Not applicable: relates to Operations.	Not Triggered								
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Condition Number	Requirement	Evidence Used	Findings and Recommendations	Compliance Status
3.14 LAND ACQUISITION CRITERIA	<p>Within three months of receiving a written request from a landowner with acquisition rights under condition 3.13of this approval, the Proponent shall make a binding written offer to the landowner based on: (a) the current market value of the landowner’s interest in the property at the date of this written request, as if the property was unaffected by the project which is the subject of the project application, having regard to the - i) existing and permissible use of the land, in accordance with the applicable planning instruments at the date of the written request,and ii) presence of improvements on the property and/or any approved building or structure which has been physically commenced at the date of the landowner’s written request, and is due to be completed subsequent to that date; However, if at the end of this period, the Proponent and landowner cannot agree on the acquisition price of the land, and/or the terms upon which the land is to be acquired, then either party may refer the matter to the Secretary for resolution.</p> <p>Upon receiving such a request, the Secretary shall request the President of the NSW Division of the Australian Property Institute to appoint a qualified independent valuer or Fellow of the Institute, to consider submissions from both parties, and determine a fair and reasonable acquisition price for the land, and/or terms upon which the land is to be acquired.</p>	Not applicable.	Not applicable: relates to Operations.	Not Triggered
	<p>Within 14 days of receiving the independent valuer’s determination, the Proponent shall make a written offer to purchase the land at a price not less than the independent valuer’s determination. If the landowner refuses to accept this offer within six months of the date of the Proponent’s offer, the Proponent's obligations to acquire the land shall cease, unless otherwise agreed by the Secretary.</p>	Not applicable.	Not applicable: relates to Operations.	Not Triggered
	<p>(b) the reasonable costs associated with -i)relocating within the Wollongong or Shellharbour local government areas, ii)obtaining legal advice and expert advice for determining the acquisition price of the land, and the terms upon which it is required; and</p>	Not applicable.	Not applicable: relates to Operations.	Not Triggered
	<p>(c) reasonable compensation for any disturbance caused by the land acquisition process.</p>	Not applicable.	Not applicable: relates to Operations.	Not Triggered
3.15 LAND ACQUISITION CRITERIA	<p>The Proponent shall bear the costs of any valuation or survey assessment requested by the independent valuer or the Secretary and the costs of determination referred to above.</p>	Not applicable.	Not applicable: relates to Operations.	Not Triggered



Condition Number	Requirement	Evidence Used	Findings and Recommendations	Compliance Status
3.16 LAND ACQUISITION CRITERIA	If a landowner has already agreed to an offer of acquisition under the requirements of condition 3.13, or an offer of acquisition has been made under the requirements of condition 3.13 and refused by the landowner, the Proponent's obligations to re-consider the landowner's request or property under the requirements of condition 3.13 shall cease, unless otherwise agreed by the Secretary.	Not applicable.	Not applicable: relates to Operations.	Not Triggered
3.17 LAND ACQUISITION CRITERIA	The requirements of conditions 3.13 to 3.16 do not apply if a negotiated agreement consistent with the requirements of Noise Policy for Industry (NSW EPA, 2017) exists between the Proponent and the relevant landowner.	Not applicable.	Not applicable: relates to Operations.	Not Triggered
3.18 LAND ACQUISITION CRITERIA	The Proponent shall provide written notice to all landowners that are entitled to rights under condition 3.13 within 21 days of determining the landholdings to which land acquisition rights apply. This condition only applies where operational noise levels have been confirmed in accordance with the definition in condition 3.12.	Not applicable.	Not applicable: relates to Operations.	Not Triggered
3.19 DUST GENERATION	The Proponent shall construct and operate the project in a manner that minimises dust emissions from the site, including wind-blown and traffic-generated dust. All activities on the site shall be undertaken with the objective of preventing visible emissions of dust from the site. Should such visible dust emissions occur at any time, the Proponent shall identify and implement all practicable dust mitigation measures, including cessation of relevant works, as appropriate, such that emissions of visible dust cease.	<p><b>On project website:</b> CEMP Rev 2.5 has been found compliant in previous audit (Audit 3). Complaints Register, updated to August 2023.</p> <p><b>Evidence provided:</b> ENVIRO INSPECTIONS contains weekly enviro inspection reports for the period 14Apr23-17Aug23. PROGRESS REPORTS contains one copy of a monthly progress report for 26Jul-25Aug23. ER REPORTS</p> <p>Site inspection to verify</p>	<p>- No complaints recorded in audit period. - MONTHLY ER REPORTS for 7 months from May-Aug include inspections for dust and dust control and consistently report all in order and "no non-compliances, no incidents and no complaints" - Weekly environmental inspection reports flag each dust-related checklist item as "N/A". This was not part of this inspection. so "Is dust visible??"(item 8) is not relevant. the report of 17Aug, which is the one included in the progress report, doescover this item. - Progress Report includes a copy of Environmental Inspection Report of 17Aug23. No dust noted onsite</p>	Compliant
3.20 ODOUR	The Proponent shall not permit any offensive odour, as defined under section 129 of the Protection of the Environment Operations Act 1997, to be emitted beyond the boundary of the site.	<p><b>On project website:</b> CEMP Rev 2.5 has been found compliant in previous audit (Audit 3). Complaints Register, updated to August 2023.</p> <p><b>Evidence provided:</b> ENVIRO INSPECTIONS contains weekly enviro inspection reports for the period 14Apr23-17Aug23. PROGRESS REPORTS contains one copy of a monthly progress report for 26Jul-25Aug23. ER REPORTS</p> <p>Site inspection to verify no odour emissions.</p>	<p>- No complaints recorded in audit period. - Weekly environmental inspection reports do not include odour items. - MONTHLY ER REPORTS for 7 months from May-Aug do not mention odour and consistently report "no non-compliances, no incidents and no complaints" - Progress Report does not include odour.. No odour noted onsite</p>	Compliant

Condition Number	Requirement	Evidence Used	Findings and Recommendations	Compliance Status																
3.21 MANUFACTRUERS PERFORMANCE GUARANTEE	Prior to the installation of any fuel burning equipment associated with the project, the Proponent shall submit the manufacturer’s performance guarantee for that equipment to the EPA. The documentation shall demonstrate to the EPA’s satisfaction that the equipment, when operating at design load, will comply with the air discharge limits specified in this approval under condition 3.24.	IEA Audit 3 Report and Schedule.	Found compliant in IEA Audit 3.  It is noted that there is a Modification to the Tallawarra B Project Approval for the introduction of up to 5% hydrogen into the fuel mix and associated infrastructure.. Mod pending submission to DPE therefore not yet live requirements	Compliant																
3.22 AIR DISCHARGE POINTS	For the purpose of this approval, air discharge/monitoring points are identified in Table 7.  <table><tr><th colspan="4">Table 7 - Identification of Air Monitoring and Air Discharge Points</th></tr><tr><th>EPA Identification Number</th><th>Type of Monitoring Point</th><th>Type of Discharge Point</th><th>Description of Location</th></tr><tr><td>1</td><td>Air emissions monitoring</td><td>Discharge to air</td><td>Stack Serving the Open Cycle Plant Turbine</td></tr><tr><td>2</td><td>Air emissions monitoring</td><td>Discharge to air</td><td>Stack Serving the Combined Cycle Plant Turbine</td></tr></table>	Table 7 - Identification of Air Monitoring and Air Discharge Points				EPA Identification Number	Type of Monitoring Point	Type of Discharge Point	Description of Location	1	Air emissions monitoring	Discharge to air	Stack Serving the Open Cycle Plant Turbine	2	Air emissions monitoring	Discharge to air	Stack Serving the Combined Cycle Plant Turbine	Noted.	Noted.	
Table 7 - Identification of Air Monitoring and Air Discharge Points																				
EPA Identification Number	Type of Monitoring Point	Type of Discharge Point	Description of Location																	
1	Air emissions monitoring	Discharge to air	Stack Serving the Open Cycle Plant Turbine																	
2	Air emissions monitoring	Discharge to air	Stack Serving the Combined Cycle Plant Turbine																	
3.23 AIR DISCHARGE POINTS	The Proponent shall ensure that the design and construction of the project includes sampling positions that comply with TM-1 as set out in Approved Methods for the Sampling and Analysis of Air Pollutants in NSW (EPA, 2016), or its latest version.	Verification or certification that sampling points are in the correct location and comply with TM-1 as set out in Approved Methods for the Sampling and Analysis of Air Pollutants in NSW (EPA, 2016), or its latest version. EMAIL EA/EPA 26/09/23 Draft EPA licence not available but sighted email from EPA confirming this is held over until early 2023. Site inspection	EPL555 Section 2 P1.1 identifies air emissions monitoring locations for Tallawarra Unit 1 and Unit 2 marked on premises map EPA ref DOC23/586582-1 as "EPA9"and "EPA13" respectively. EPL555 Premises Map includes these two locations clearly marked. EMAIL EA/EPA 26/09/23 - correspondence confirming a delay in issuing the draft EPL licence version 5 until just before start of operations around 10 January 2024, and to keep current licence in place to cover construction conditions. DRAFT EPA LICENCE V5 is not available, but will not be relevant until early 2024.  The design includes this position as per the EPL. Observed in the site inspection to verify the sampling point is in place (see photos)	Compliant																
3.24 DISCHARGE LIMITS	The Proponent shall design, construct, operate and maintain the project to ensure that for each turbine stack discharge/monitoring point identified in Table 7, the concentration of each pollutant listed in Table 8 is not exceeded at that point. The condition only applies to the normal operation of a turbine and, to avoid any doubt, does not apply during the start-up and shut- down period for a turbine. The condition continues to apply to other turbines if they are operational during these periods.  <table><tr><th colspan="5">Table 8 – Maximum Allowable Discharge Concentration Limits (Air)</th></tr><tr><th>Pollutant</th><th>Unit of measure</th><th>100 percentile limits</th><th>Reference conditions</th><th>Averaging Period</th></tr><tr><td>Nitrogen dioxide (NO<sub>2</sub>) or nitric oxide (NO) or both, as NO<sub>2</sub> equivalent</td><td>ppm</td><td>25</td><td>Dry, 273 K, 101.3 kPa, 15% O<sub>2</sub></td><td>1-hour</td></tr></table>	Table 8 – Maximum Allowable Discharge Concentration Limits (Air)					Pollutant	Unit of measure	100 percentile limits	Reference conditions	Averaging Period	Nitrogen dioxide (NO <sub>2</sub> ) or nitric oxide (NO) or both, as NO <sub>2</sub> equivalent	ppm	25	Dry, 273 K, 101.3 kPa, 15% O <sub>2</sub>	1-hour	EPL 555 contains draft EPL, which includes Figure 1 - EPL 555 premises map and monitoring points for discharge to air. TALLAB-EA-11800-ACB030-0001-01 - EPL Noise Map Revised with Koonawarra Location TALLAB-EA-11800-ACB030-0001-02 - EPL Operational licence premises map with coordinates TALLAB-EA-11800-ACB030-0001-03 - EPL Operational licence premises maps EPL monitoring locations TALLAB-EA-11800-ACB030-0001 - Version 5 Draft EPL IEA Audit 3 Report + Schedule.	IEA Audit Report 3 audited equipment design documentation and the performance guarantees and found this condition compliant on the proviso that actual testing of the equipment would produce the relevant report to provide conclusive evidence.	Compliant	
Table 8 – Maximum Allowable Discharge Concentration Limits (Air)																				
Pollutant	Unit of measure	100 percentile limits	Reference conditions	Averaging Period																
Nitrogen dioxide (NO <sub>2</sub> ) or nitric oxide (NO) or both, as NO <sub>2</sub> equivalent	ppm	25	Dry, 273 K, 101.3 kPa, 15% O <sub>2</sub>	1-hour																

Condition Number	Requirement	Evidence Used	Findings and Recommendations	Compliance Status
3.25 MASS LIMITS	The Proponent shall design, construct, operate and maintain the project to ensure that the total cumulative load of nitrogen dioxide or nitric oxide, or both as nitrogen dioxide, from the combined discharges from the Tallawarra Stage A and Tallawarra Stage B power stations does not exceed 900 tonnes per annum. This mass limit also applies to emissions during start-up and shut-down periods.	Evidence requested not yet available: Emissions testing plan	Project in final stage of construction; commissioning not yet commenced.	Not Triggered
3.26 AVIATION SAFETY	The stacks associated with the project must be marked and lit in accordance with the requirements of the CASA.	TALLAB-GECL-TQ-MEC-0023 - TQ regarding aviation lighting specs TQs & procurement for lighting during TB operation. TALLAB-EA-10000-ABD130-0123 TQ - EA advised: equipment procured and on its way; when operational it will light up. TQs & procurement for lighting during TB operation. Email chain betw Clough & EA. States lights are onsite and control panel on-site by end next week 6 Oct Details of CASA requirements - TALLAB-EA-10000-ABD130-0123 TQ Site inspection.	TALLAB-GECL-TQ-MEC-0023: correspondence EA/GECL regarding tech specs for stack lighting, w/resolution that new lighting will need to be procured and installed. Casa reqs med intensity red or white flashing lights. EA advised it will have white during the day and red at night. Lights are here, 3 x installed but with rain/wind, 4th one not yet installed (see photos). Not yet switched on.	Compliant
3.27 HAZARDS AND RISK - PRE-CONSTRUCTION HAZARD STUDIES	Prior to the commencement of construction of the project, other than site preparation works, or as otherwise agreed by the Secretary, the Proponent shall prepare the following studies: a) Fire Safety Study for the project, covering relevant aspects detailed in the Department's publication Hazardous Industry Planning Advisory Paper No. 2 - Fire Safety Guidelines and the New South Wales Government's Best Practice Guidelines for Contaminated Water Retention and Treatment Systems. The Study shall include a strict maintenance schedule for essential services and other safety measures. The Study shall meet the requirements of the NSW Fire Brigades;	IEA Audit 3 Report and Schedule.	IEA Audit 3 audited this condition and found it compliant.	Compliant
	b) a Hazard and Operability Study (HAZOP) for the project, chaired by an independent, qualified person or team. The Study shall be carried out in accordance with the Department's publication Hazardous Industry Planning Advisory Paper No. 8 - HAZOP Guidelines and shall, in particular, address the early shut-down procedures and systems in the event of a gas leak and recommended measures for early shut-down in the event of an incident. The HAZOP report shall be accompanied by a program for the implementation of all recommendations made in the HAZOP report. If the Proponent intends to defer the implementation of a recommendation, justification must be included;	IEA Audit 3 Report and Schedule.	IEA Audit 3 audited this condition and found it compliant.	Compliant

Condition Number	Requirement	Evidence Used	Findings and Recommendations	Compliance Status
	c) a Final Hazard Analysis prepared in accordance with the Department's Hazardous Industry Advisory Paper No.6 – Guidelines for Hazard Analysis; and	IEA Audit 3 Report and Schedule.	IEA Audit 3 audited this condition and found it compliant.	Compliant
	d) a Construction Safety Study for the project, prepared in accordance with the Department's Hazardous Industry Planning Advisory Paper No. 7 - Construction Safety Study Guidelines.	IEA Audit 3 Report and Schedule.	IEA Audit 3 audited this condition and found it compliant.	Compliant
3.28 HAZARDS AND RISK - PRE-COMMISSIONING HAZARDS STUDIES	<p>Prior to the commencement of commissioning of the project, the Proponent shall prepare the following studies:</p> <p>a) a comprehensive Emergency Plan and detailed emergency procedures for the project. The Plan shall be prepared in accordance with the Department's publication Hazardous Industry Planning Advisory Paper No. 1 - Industry Emergency Planning Guidelines; and</p>	<p>Confirmed commissioning commencement date as being the end of Nov 23.</p> <p>Emergency Plan and detailed emergency procedures. TQMS12-HSE-L001 - Emergency Response Plan_TWB review comments</p> <p>Evidence that it is in accordance with the Department's publication Hazardous Industry Planning Advisory Paper No. 1 - Industry Emergency Planning Guidelines.: EA_027_Tallawarra B Fact Sheet_v10(Hazardous Industry Planning Advisory Paper)_EA review</p> <p>TALLAB-TALLAB-GECL-10111-AQB070-2004.1.IFU TALLAB-TALLAB-UGL-10111-AQB070-0003.C1.IFR TALLAB-TALLAB-GECL-10111-AQB070-2004.1.IFU - Emergency Response Plan TALLAB-TALLAB-UGL-10111-AQB070-0003.C1.IFR - Emergency Response Plan UGL" TALLAB-TALLAB-GECL-10111-AQB070-0001.9.IFU TALLAB-TALLAB-UGL-10111-AQB070-0001.C2.IFR TALLAB-TALLAB-GECL-10111-AQB070-001.9.IFU Health &amp; Safety Management Plan TALLAB-TALLAB-UGL-10111-AQB070-0001.C2.IFR - Work Health &amp; Safety Management Plan 132KV network connection works</p>	<p>TALLAB-GECL-10111-AQB070-2004 = GECL Emergency Response Management Plan Rev 1 dd 02/08/2023. Appears to be up to date and comprehensive.</p> <p>TALLAB-UGL-10111-AQB070-0003A = UGL Emergency Response Plan Rev B dd 22/06/2023. Appears to be up to date and comprehensive.</p> <p>marked up copy of the Hazardous Industry Planning Advisory Paper No. 1 showing where EA have met this in their ERP (in Section 4) reviewed. Onsite, reviewed where these items are addressed in the Talla B ERP such as Emergency Procedures (shown in Fig 9 emergency procedure flow chart) and Emergency Resources (Section 3 &amp; 6)</p> <p>Reviewed the safety mgt system with Tracy onsite. This is compliant with iso45001 and is company wide. Tracy is consolidating the extensive list of policies and procedures into 4 plans: this includes the HS &amp; Sec manual and the ERP. For TallaB, this will have all procedures that are relevant. There is also a Bus Mgt plan which is essentially the 'how to'.</p> <p>The ERP was approved on 16/10/23 (yesterday). Sighted stamped copy. this will be updated once the site is handed over to EA, as there will be another muster point at that time.</p> <p>The equipment available is all listed in Maximo. in there is the maintenance reqs for all equipment. Sighted list of preventative maintenance reqs for all fire related equipment.</p>	Compliant

Condition Number	Requirement	Evidence Used	Findings and Recommendations	Compliance Status
	b) a Safety Management System, covering all on-site operations and any associated transport activities involving hazardous materials. The System shall clearly specify all safety-related procedures, responsibilities and policies, along with details of mechanisms for ensuring adherence to safety procedures. The System shall be consistent with the Department's publication Hazardous Industry Planning Advisory Paper No. 9 - Safety Management.	<p>Confirmed commissioning commencement date as being the end of Oct 23.</p> <p>Safety Management System covering all on-site operations and associated transport activities involving hazardous materials.</p> <p>Evidence that it is in accordance with the Department's publication Hazardous Industry Planning Advisory Paper No. 9 - Safety Management.</p> <p>TALLAB-TALLAB-GECL-10111-AQB070-2004.1.IFU - Emergency Response Plan</p> <p>TALLAB-TALLAB-UGL-10111-AQB070-0003.C1.IFR - Emergency Response Plan UGL</p> <p>TALLAB-GECL-10920-ABD040-0001 = GECL HV Safety Commissioning Management Plan Rev C dd 25/09/2023</p>	<p>TALLAB-GECL-10111-AQB070-0001 = GECL HS Management Plan Rev 9 dd 05/05/2023. Appears comprehensive and up to date, and includes hazardous goods management plan.</p> <p>TALLAB-UGL-10111-AQB070-0001 = UGL WHS Management Plan Rev C dd 22/06/2023. Appears comprehensive and up to date.</p> <p>TALLAB-GECL-10920-ABD040-0001 = GECL HV Safety Commissioning Management Plan Rev C dd 25/09/2023. Appears comprehensive and up to date. Mentions hazardous chemicals but doesn't have a dedicated section.</p> <p>Reviewed the mapping of the Hazardous Industry Planning Advisory Paper No. 1 which showed these plans have been prepared in accordance with this.</p> <p>See above notes for the ISO45001 Accredited system viewed onsite.</p>	Compliant
	<p>The Proponent shall store and handle all dangerous goods, as defined by the Australian Dangerous Goods Code, strictly in accordance with:</p> <p>a) all relevant Australian Standards;</p>	<p><b>On project website:</b></p> <p>CEMP Rev 2.5 &gt;&gt; found compliant in previous audit (Audit 3).</p> <p>Complaints register &gt;&gt; up to date.</p> <p><b>New evidence from this audit:</b></p> <p>ENVIRO INSPECTIONS contains weekly enviro inspection reports for the period 14Apr23-17Aug23.</p> <p>TWB ChemAlert Chemical Register_26Sep23.xls</p> <p>ER REPORTS</p> <p>Inventory of quantities of dangerous goods stored at site and evidence that these are stored and handled in accordance with Aust Stds &amp; relevant guidelines</p> <p>Site inspection to verify</p>	<p>- Weekly environmental inspection reports flag checklist items related to bunds and spills as "N/A". This question "Is there any evidence of any spills or leaks that have not been cleaned up and reported?" (item 21) was not part of this inspection. . the report of 17Aug, which is the one included in the progress report, covered this aspect of site management.</p> <p>- ChemAlert register includes exhaustive and detailed list of hazardous materials on site, including quantities and classifications.</p> <p>- MONTHLY ER REPORTS for 7 months from May-Aug include inspections for "Management of Dangerous Goods / Hazardous Materials" and consistently report all in order and "no non-compliances, no incidents and no complaints"</p> <p>sighted all DG goods and SDSs sheets onsite (<a href="#">see photos</a>)</p>	Compliant



Condition Number	Requirement	Evidence Used	Findings and Recommendations	Compliance Status
3.29 BUNDING AND SPILL MANAGEMENT	b) For liquids, a minimum bund volume requirement of 110% of the volume of the largest single stored volume within the bund; and	<p><b>New evidence from this audit:</b>  ENVIRO INSPECTIONS contains weekly enviro inspection reports for the period 14Apr23-17Aug23.</p> <p>Site inspection to verify</p>	<p>- Weekly environmental inspection reports flag checklist items related to bunds and spills as "N/A". question "Is there any evidence of any spills or leaks that have not been cleaned up and reported?" (item 21) was not part of this inspection. . the report of 17Aug, which is the one included in the progress report, doescover this aspect of site mgt.</p> <p>- MONTHLY ER REPORTS for 7 months from May-Aug include inspections for "Management of Dangerous Goods / Hazardous Materials", including spills and bunding, and consistently report all in order and "no non-compliances, no incidents and no complaints" Sighted bundled areas for all liquids kept onsite</p>	Compliant
	c) The Environment Protection Manual for Authorised Officers: Bunding and Spill Management, technical bulletin (Environment Protection Authority, 1997). In the event of an inconsistency between the requirements listed from a) to c) above, the most stringent requirement shall prevail to the extent of the inconsistency.	<p><b>On project website:</b>  CEMP Rev 2.5 &gt;&gt; found compliant in previous audit (Audit 3).  Complaints register &gt;&gt; up to date</p> <p><b>New evidence:</b>  TWB ChemAlert Chemical Register_26Sep23.xls  ER REPORTS</p> <p>Site inspection to verify</p>	<p>- Weekly environmental inspection reports flag checklist items related to bunds and spills as "N/A". question "Is there any evidence of any spills or leaks that have not been cleaned up and reported?" (item 21) was not part of this inspection. the report of 17Aug, which is the one included in the progress report, does cover this aspect of site mgt</p> <p>- ChemAlert register includes exhaustive and detailed list of hazardous materials on site, including quantities and classifications.</p> <p>- MONTHLY ER REPORTS for 7 months from May-Aug include inspections for "Management of Dangerous Goods / Hazardous Materials", including spills and bunding, and consistently report all in order and "no non-compliances, no incidents and no complaints"</p>	Compliant
3.30 WATER QUALITY AND SOIL IMPACTS	Except as may be provided by an Environment Protection Licence for the project, the Proponent shall comply with section 120 of the Protection of the Environment Operations Act 1997 which prohibits the pollution of waters.	<p><b>On project website:</b>  CEMP Rev 2.5 &gt;&gt; found compliant in previous audit (Audit 3).  Complaints register &gt;&gt; up to date</p> <p>ENVIRO INSPECTIONS contains weekly enviro inspection reports for the period 14Apr23-17Aug23.  ER REPORTS</p> <p>Site inspection to verify</p>	<p>- Weekly environmental inspection reports flag checklist items related to water quality and soil as "N/A". question "Has water quality monitoring identified any breaches of project requirements?" (item 50) was not part of this inspection. the report of 17Aug, which is the one included in the progress report, does cover this aspect of site mgt</p> <p>- MONTHLY ER REPORTS for 7 months from May-Aug include inspections for soil and water quality management (not every month), and consistently report all in order and "no non-compliances, no incidents and no complaints"</p> <p>All erosion and sediment controls appeared to be in place, maintained and in order.</p>	Compliant

Condition Number	Requirement	Evidence Used	Findings and Recommendations	Compliance Status									
3.31 WATER QUALITY AND SOIL IMPACTS	Soil and water management controls shall be employed to minimise soil erosion and the discharge of sediment and other pollutants to lands and/or waters during construction activities, in accordance with Landcom’s (2006) Managing Urban Stormwater: Soils and Construction.	<p><b>On project website:</b> CEMP Rev 2.5 &gt;&gt; found compliant in previous audit (Audit 3). Complaints register &gt;&gt; up to date</p> <p>ENVIRO INSPECTIONS contains weekly enviro inspection reports for the period 14Apr23-17Aug23. CONCEPT ESCP (undated, no versioning). ER REPORTS</p> <p>Site inspection to verify</p>	<p>- Weekly environmental inspection reports flag checklist items related to erosion and sediment controls. - CONCEPT ESP is thorough - see also Audit 3 schedule - MONTHLY ER REPORTS for 7 months from May-Aug include inspections for soil and water quality management (not every month), and consistently report all in order and "no non-compliances, no incidents and no complaints" All erosion and sediment controls appeared to be in place, maintained and in order.</p>	Compliant									
3.32 WATER QUALITY AND SOIL IMPACTS	In the event that a combined cycle plant is constructed, the Proponent shall design, construct, operate and maintain the plant so that the combined cooling water discharge from the Tallawarra Stage A and B plants into the outlet canal, downstream of the attemperation mixing zone, does not exceed 35 degrees Celsius.	Discussion with EA, response to data request.	Not applicable: the plant is an OCGT	Not Triggered									
3.33 WATER QUALITY AND SOIL IMPACTS	<p>In the event that a combined cycle plant is constructed, the Proponent shall ensure that the concentration of biocide in the cooling water discharge into the outlet canal, downstream of the attemperation mixing zone, does not exceed the limits set out in Table 9.</p> <table><caption>Table 9 - Biocide Concentration Limits in Cooling Water Discharge</caption><tr><th>Pollutant</th><th>100 Percentile Concentration Limit</th><th>Reference Conditions</th></tr><tr><td>Hydrex 2470</td><td>0.1 milligrams per litre</td><td>Five minutes after the start of the blowdown discharge from the cooling</td></tr><tr><td>Registered/permitted product containing paracetic acid</td><td>0.1 milligrams per litre</td><td>Five minutes after the start of the blowdown discharge from the cooling</td></tr></table>	Pollutant	100 Percentile Concentration Limit	Reference Conditions	Hydrex 2470	0.1 milligrams per litre	Five minutes after the start of the blowdown discharge from the cooling	Registered/permitted product containing paracetic acid	0.1 milligrams per litre	Five minutes after the start of the blowdown discharge from the cooling	Discussion with EA, response to data request.	Not applicable: the plant is an OCGT	Not Triggered
Pollutant	100 Percentile Concentration Limit	Reference Conditions											
Hydrex 2470	0.1 milligrams per litre	Five minutes after the start of the blowdown discharge from the cooling											
Registered/permitted product containing paracetic acid	0.1 milligrams per litre	Five minutes after the start of the blowdown discharge from the cooling											
3.34 HYDROLOGY	The Proponent shall utilise existing crossings over Yallah Creek and shall avoid constructing temporary watercourse crossings for heavy vehicles and machinery.	<p><b>On project website:</b> CEMP Rev 2.5 &gt;&gt; found compliant in previous audit (Audit 3) and still reelvant HYDROLOGY YALLAH BAY ROAD contains consent for road closure issued by Wollongong CC on 19Oct22. (irrelevant to this condition). Through to 1 Nov 23 Email 6/10/2023 from GECL to WCC to seek an extension of the road closure until the 15 January 2024. ER REPORTS</p> <p>Site inspection to verify</p>	<p>- No evidence that any additional water crossing have been designed or constructed. - MONTHLY ER REPORTS for 7 months from May-Aug do not mention additional, temporary crossings over Yallah Creek and consistently report "no non-compliances, no incidents and no complaints"</p>	Compliant									

Condition Number	Requirement	Evidence Used	Findings and Recommendations	Compliance Status
3.35 HYDROLOGY	The Proponent shall ensure that any construction activities within 40 metres of the bank of Yallah Creek, and any other watercourses, are consistent with Controlled Activity Guidelines (Department of Water and Energy, 2008) including, but not limited to, 'In-stream Works', 'Outlet Structures', 'Riparian Corridors', 'Vegetation Management Plans', and 'Watercourse Crossings', or any guidelines which supersede these documents.	<p><b>On project website:</b> CEMP Rev 2.5 &gt;&gt; found compliant in previous audit (Audit 3).</p> <p><b>New evidence from this audit:</b> HYDROLOGY YALLAH BAY ROAD contains consent for road closure issued by Wollongong CC on 19Oct22. (irrelevant to this condition) - SWMP-Tallawarra-B-Revision-2.5, 2022-01-18 Revision 2.5 construction work now contained largely within the footprints of the permanent infrastructure now, so the CEMP &amp; design plans were provided with in previous audit/s ER REPORTS</p> <p>Site inspection to verify</p>	<p>- CEMP Rev 2.5 and all sub-plans &gt;&gt; found compliant in previous audit (Audit 3). - SWMP-Tallawarra-B-Revision-2.5, 2022-01-18 Revision 2.5 contains Table 3-1: Controlled activities and controls to be implemented - MONTHLY ER REPORTS for 7 months from May-Aug: inspections include checks for construction activities near Yallah Creek and find these satisfy all requirements, and consistently report "no non-compliances, no incidents and no complaints"</p>	Compliant
3.36 HYDROLOGY	<p>The Proponent shall ensure that the project is designed, sited and constructed so that it is not subject to inundation by floodwaters up to or at a level of the Probable Maximum Flood, nor does it exacerbate flooding on adjacent land.</p> <p>Where the Proponent can demonstrate to the satisfaction of the Secretary that it is not reasonable and feasible to design to the Probable Maximum Flood, the Proponent may nominate an alternative design flood level for the approval of the Secretary. The alternative flood level shall be developed using a risk-based approach and in consultation with Wollongong City Council.</p>	<p><b>On project website:</b> CEMP Rev 2.5 &gt;&gt; found compliant in Audit 3. Soil and Water Management Sub-Plan Rev 2.6 &gt;&gt; found compliant in Audit 3.</p> <p>Roads and Stormwater Drainage General Arrangement Sheet 1, as used in Audit 3</p>	<p>- SWMP states "... The probable maximum flood (PMF) for the Project is defined as the largest flood that could conceivably occur at the Project site. At the Project site, this equates to a relative level of 3.24 metres Australian Height Datum. This PMF level is identified in the project conditions of approval. Consultation with Wollongong City Council has been undertaken on flooding. In response to this, the design of the project will consider:</p> <p>The Lake Illawarra Flood Risk Management Study to determine if it is reasonable and feasible to design the Project to an alternative PMF level derived from the study.</p> <p>Sea level rise scenarios and the Lake Illawarra Coastal Management Program, Draft Report, June 2019</p> <p>to determine if the Project could be impacted by high risk inundation areas and where tidal movement may create inundation</p>	Compliant



Condition Number	Requirement	Evidence Used	Findings and Recommendations	Compliance Status
3.37 HYDROLOGY	The project shall be designed, and employ surface water management techniques, such that existing runoff volumes along drainage lines from the site are maintained at pre-construction levels and there are no adverse effects to adjoining land as a result of flooding and runoff.	<p><b>On project website:</b> CEMP Rev 2.5 &gt;&gt; found compliant in Audit 3. Soil and Water Management Sub-Plan Rev 2.6 &gt;&gt; found compliant in Audit 3.</p> <p>Site inspection to verify</p>	<p><b>Audited and found compliant in IEA Audit 3:</b> TALLAB-GECL-31920-CLD020-2001 - Roads and Stormwater Drainage General Arrangement Sheet 1 shows a sediment basin and discharge points, but there is no evidence that it does not exacerbate flooding on adjacent land. Turkey's nest dam does not have any outlet at present and therefore no risk of incr flooding Reviewed TALLAB-GECL-30210-CED010-2019.C.IFR detailed calcs &amp; engineering report - There is nothing in any of the criteria or assumptions in the calcs report which sets this as a requirement Reviewed TALLAB-JAC-30210-CDB080-0001 Drainage and Yallah Creek Flood Study, which reported: using multiple design rainfall patterns and adopting median values could account for the slightly lower result. Tallawarra B will have negligible impact on flooding of adjacent lands as overland flows from the upstream catchment would be contained within the access road. Raising of site levels would not cause any discernible change to flooding from elevated lake levels. The Tallawarra B development will have negligible impact on lake levels which is the primary flood event for adjacent lands around Yallah Bay road and the intake channel.</p>	Compliant
3.38 FLORA AND FAUNA IMPACT	The Proponent shall ensure that there is no disturbance to the endangered ecological communities, including the Illawarra Subtropical Rainforest in the Sydney Basin Bioregion and the Swamp Oak Floodplain Forest of the NSW North Coast, Sydney Basin and South East Corner bioregions, during the construction and operation of the project.	<p><b>On project website:</b> CEMP Rev 2.5 &gt;&gt; found compliant in previous audit (Audit 3). Complaints register &gt;&gt; up to date</p> <p>ENVIRO INSPECTIONS contains weekly enviro inspection reports for the period 14Apr23-17Aug23. ER REPORTS</p> <p>Site inspection to verify</p>	<p>- FFMP_Tallawarra-B-Revision 2.4 clearly sets out the exclusion zones for the vegetation in Figure 6.1. - WEEKLY ENVIRO INSPECTIONS... these checklists explicitly check and confirm that protected vegetation is clearly marked and fenced as per the plans, and whether fauna spotter/catchers are present during clearing activities. - MONTHLY ER REPORTS for 7 months from May-Aug: inspections include (occasional, as required) checks for the management of flora and fauna impacts during construction activities and find these satisfy all requirements, and consistently report "no non-compliances, no incidents and no complaints" EEC marked and no clearing of protected areas.</p>	Compliant

Condition Number	Requirement	Evidence Used	Findings and Recommendations	Compliance Status
3.39 FLORA AND FAUNA IMPACT	The Proponent shall mark the areas of endangered ecological communities with flagging tape or similar prior to commencing construction to ensure that there is no incursion into, or clearing of the areas.	<p><b>On project website:</b> CEMP Rev 2.5 &gt;&gt; found compliant in previous audit (Audit 3).</p> <p><b>New evidence from this audit:</b> <u>Weekly Environmental Inspections Checklist</u> TALLAB-GECL-10111-ABD080-0002 - Independent Audit GECL Supporting Records - 3.19, 3.20, 3.3, 3.4 Environmental Inspections. Issued to EA on 30/08/23. Transmittal No. GECL-TRN-001168 ER REPORTS</p> <p>Site inspection to verify</p>	<p>- FFMP_Tallawarra-B-Revision 2.4 clearly sets out the exclusion zones for the vegetation in Figure 6.1.</p> <p>- WEEKLY ENVIRO INSPECTIONS... these checklists explicitly check and confirm that protected vegetation is clearly marked and fenced as per the plans, and whether fauna spotter/catchers are present during clearing activities.</p> <p>- MONTHLY ER REPORTS for 7 months from May-Aug: inspections include (occasional, as required) checks for the management of flora and fauna impacts during construction activities and find these satisfy all requirements, and consistently report "no non-compliances, no incidents and no complaints"</p> <p>EEC marked and no clearing of protected areas.</p>	Compliant
3.40 FLORA AND FAUNA IMPACT	The Proponent shall ensure that clearing of native vegetation is limited to the minimal extent required for the construction of the project and shall undertake all reasonable and feasible measures to avoid the clearing of any threatened flora species. All cleared areas shall be stabilised with local native grasses and ground cover plants as soon as practicable to minimise soil erosion.	<p><b>On project website:</b> CEMP Rev 2.5 &gt;&gt; found compliant in previous audit (Audit 3).</p> <p><b>New evidence from this audit:</b> <u>Weekly Environmental Inspections Checklist</u> TALLAB-GECL-10111-ABD080-0002 - Independent Audit GECL Supporting Records - 3.19, 3.20, 3.3, 3.4 Environmental Inspections. Issued to EA on 30/08/23. Transmittal No. GECL-TRN-001168 <u>Erosion &amp; sediment control plan</u> TALLAB-GECL-10111-ABD080-0008 - Independent Audit GECL Supporting Records - 3.40 GPRS Erosion Sediment and Control Plan. Issued to EA on 30/08/23. Transmittal No. GECL-TRN-001168 ER montly reports</p> <p>Site inspection to verify</p>	<p>- FFMP_Tallawarra-B-Revision 2.4 clearly sets out the exclusion zones for the vegetation in Figure 6.1.</p> <p>- WEEKLY ENVIRO INSPECTIONS... these checklists explicitly check and confirm that protected vegetation is clearly marked and fenced as per the plans, and whether fauna spotter/catchers are present during clearing activities.</p> <p>- ESCP clearly sets out the protocols for stabilising disturbed areas with revegetation.</p> <p>- MONTHLY ER REPORTS for 7 months from May-Aug do not mention any clearing activities.</p> <p>EEC marked and no clearing of protected areas.</p>	Compliant
	At least one month prior to the commencement of construction of the project, the Proponent shall develop a <b>plan for offsetting the biodiversity impacts</b> resulting from the removal of any native vegetation. The plan shall be submitted to the Secretary for approval and include as appropriate, but not necessarily be limited to: a) Measures for encouraging the natural regeneration of locally native vegetation, including weed management measures as identified in condition 3.44;		<p>- VOP Coverage by EA states that this appendix I to the EMS is revision A3 "DPE Approved" on 09Jan23. VOP document itself states Rev 2.4 dd 14Dec22.</p> <p>- Offset Security Mechanism briefing note states that DPE approved the VOP Rev 2.4 dd 14Dec22.</p> <p>From audit 3: <i>Sighted DPE letter dated 22 December 2022 which aproves the Vegetation Offset Plan, which was submitted in accordance with Condition 3.41 of Schedule 2</i></p> <p><i>Sighted DPE letter dated 15/02/2023 which aproves the updated Environmental Managemet Strategy, which was submitted in</i></p>	Compliant

Condition Number	Requirement	Evidence Used	Findings and Recommendations	Compliance Status
3.41 FLORA AND FAUNA IMPACT	b) Replanting/compensatory plantings (at a ratio of at least 2:1) and/or land offsets, and rehabilitation measures;	<p><b>On project website:</b> EMS Rev 2.4 dd 03Feb23 &gt;&gt; looks like the current version</p>	<p>- VOP Coverage by EA states that this appendix I to the EMS is revision A3 "DPE Approved" on 09Jan23. VOP document itself states Rev 2.4 dd 14Dec22.</p> <p>- Offset Security Mechanism briefing note states that DPE approved the VOP Rev 2.4 dd 14Dec22.</p> <p><i>From audit 3: Sighted DPE letter dated 22 December 2022 which</i></p>	Compliant
	c) measures for replacing specific habitat values impacted by the project (e.g. provision of roost/nest boxes where significant habitat trees such as hollow bearing trees are impacted);	<p><b>New evidence from this audit:</b> VEGETATION OFFSET PLAN (VOP) Rev 2.4 dd 14Dec22 TALLAB-EA-10111-ABD040 - Offset ILALC Implementation Plan</p>	<p>- VOP Coverage by EA states that this appendix I to the EMS is revision A3 "DPE Approved" on 09Jan23. VOP document itself states Rev 2.4 dd 14Dec22.</p> <p>- Offset Security Mechanism briefing note states that DPE approved the VOP Rev 2.4 dd 14Dec22.</p> <p><i>From audit 3: Sighted DPE letter dated 22 December 2022 which</i></p>	Compliant
	d) a timeline for the implementation of the identified measures, including ongoing monitoring and maintenance;	<p>VEGETATION OFFSET SECURITY MECHANISM DPE Briefing Note ILALC VOP ENVIRONMENTAL SERVICES PROPOSAL dd 08/03/23</p>	<p>- VOP Coverage by EA states that this appendix I to the EMS is revision A3 "DPE Approved" on 09Jan23. VOP document itself states Rev 2.4 dd 14Dec22.</p> <p>- Offset Security Mechanism briefing note states that DPE approved the VOP Rev 2.4 dd 14Dec22.</p> <p><i>From audit 3: Sighted DPE letter dated 22 December 2022 which</i></p>	Compliant
	e) demonstration of how the plan would achieve the outcome of maintaining or improving biodiversity values in the local area; and		<p>- VOP Coverage by EA states that this appendix I to the EMS is revision A3 "DPE Approved" on 09Jan23. VOP document itself states Rev 2.4 dd 14Dec22.</p> <p>- Offset Security Mechanism briefing note states that DPE approved the VOP Rev 2.4 dd 14Dec22.</p> <p><i>From audit 3: Sighted DPE letter dated 22 December 2022 which</i></p>	Compliant
	f) measures for monitoring and maintaining any offsets in perpetuity.		<p>- VOP Coverage by EA states that this appendix I to the EMS is revision A3 "DPE Approved" on 09Jan23. VOP document itself states Rev 2.4 dd 14Dec22.</p> <p>- Offset Security Mechanism briefing note states that DPE approved the VOP Rev 2.4 dd 14Dec22.</p> <p><i>From audit 3: Sighted DPE letter dated 22 December 2022 which approves the Vegetation Offset Plan, which was submitted in accordance with Condition 3.41 of Schedule 2</i></p> <p><i>Sighted DPE letter dated 15/02/2023 which approves the updated</i></p>	Compliant
	The plan shall be implemented in accordance with the specified measures and timeframes, unless otherwise agreed to by the Secretary.	<p>VEGETATION OFFSET SECURITY MECHANISM DPE Briefing Note ILALC VOP ENVIRONMENTAL SERVICES PROPOSAL dd 08/03/23</p> <p><b>On project website:</b> EMS Rev 2.4 dd 03Feb23 &gt;&gt;current version</p>	<p>As per above parts.</p> <p>- ILALC document puts forward a proposal to support the implementation of the VOP. This document also refers to VOP Rev 2.4 dd 14Dec22. The presence of this document is a significant progression in the implementation of the plan + the amendments to the VOP were signed off by DPE in Audit 3, so no further consult'n is needed now that the ILALC plan's gone ahead.</p>	Compliant

Condition Number	Requirement	Evidence Used	Findings and Recommendations	Compliance Status
3.42 FLORA AND FAUNA IMPACT	The Proponent shall establish a riparian zone consisting of local native plant species adjacent to Yallah Creek within the power station site boundary. The width of the riparian zone is to be a minimum of 50 metres on both sides of the creek, where practicable. All works and disturbance areas associated with the construction and operation of the project must be located outside of the riparian zone, including new transmission line poles.	<p><b>On project website:</b> CEMP Rev 2.5 &gt;&gt; found compliant in previous audit (Audit 3).</p> <p><b>New evidence from this audit:</b> <u>Weekly Environmental Inspections Checklist</u> TALLAB-GECL-10111-ABD080-0002 - Independent Audit GECL Supporting Records - 3.19, 3.20, 3.3, 3.4 Environmental Inspections. Issued to EA on 30/08/23. Transmittal No. GECL-TRN-001168 ILALC VOP ENVIRONMENTAL SERVICES PROPOSAL dd 08/03/23 ER REPORTS</p> <p>Site inspection to verify</p>	<p>Sourcing of plants will be done within 12-18 mths; after 36 mths need to have in place the in-perpetuity agreements. No timelines specifying the implementation of the offset plan.</p> <p>A variation of the offset zone approved by DPE after consultation with relevant stakeholders. Updated EMS (V2.4) approved. with new Yallah Creek offset site location and layout. This will cover rainforest and eucalyptus plantings.</p> <p>'- ILALC VOP Proposal for the rehab works on VOP sighted.</p> <p>- MONTHLY ER REPORTS for 7 months from May-Aug do not mention Yallah Creek riparian zon nor mention the planting of native plant species. They consistently report "no non-compliances, no incidents and no complaints"</p> <p>The ILALC team was onsite during the site inspection. Riparian zone area is fenced and planting was underway.</p>	Compliant
3.43 FLORA AND FAUNA IMPACT	The Proponent shall monitor and maintain the riparian zone along Yallah Creek (referred to in condition 3.42) throughout the life of the project.	<p><b>On project website:</b> EMS Rev 2.4 dd 03Feb23</p> <p><b>New evidence from this audit:</b> VEGETATION OFFSET PLAN (VOP) Rev 2.4 dd 14Dec22 TALLAB-EA-10111-ABD040 - Offset ILALC Implementation Plan VEGETATION OFFSET SECURITY MECHANISM DPE Briefing Note ILALC VOP ENVIRONMENTAL SERVICES PROPOSAL dd 08/03/23</p> <p>Site inspection to verify</p>	<p>- The documentation reviewed supports The fact that there is planning around VOP and monitoring.</p> <p>- VOP documentation explicitly refer to The stated riparian zone along Yallah Creek.</p> <p>- VOP Security Mechanism briefing suggests suitable mechanisms for monitoring and maintaining offsets set out in The VOP in perpetuity.</p> <p>- with DPE for review. Has advised EA that would like to get all info onto one map to be revised and into the memo and the VOP and send back to DPE for administrative update. Aurecon to return to site and get updated information. in the meantime DPE has the legal team reviewing the plan.</p> <p>- site inspection and interviews confirmed</p> <p>The ILALC team was onsite during the site inspection. Riparian zone area is fenced and planting was underway. Timeline in back of prop.</p>	Compliant
3.44 FLORA AND FAUNA IMPACT	The Proponent shall monitor all rehabilitated areas, offset areas, and riparian zones for weed infestation. Any infestations shall be actively managed to remove or minimise their spread.	<p>ILALC VOP ENVIRONMENTAL SERVICES PROPOSAL dd 08/03/23</p> <p>Site inspection to verify</p>	<p>ILALC proposal includes monitoring and weed control.</p> <p>Site inspection to verify</p> <p>The ILALC team was onsite during the site inspection. Riparian zone area is fenced and planting was underway.</p>	Compliant

Condition Number	Requirement	Evidence Used	Findings and Recommendations	Compliance Status																																													
3.45 LAKE ECOLOGY	<p>In the event a combined cycle plant is constructed, the extent of seagrass beds in the receiving waters of Lake Illawarra shall be mapped each summer using a combination of aerial images and field observations, and using the methodologies detailed in the document titled Tallawarra Combined Cycle Gas Turbine Power Station Water Quality and Biological Community Management Plan (May, 2008). Nothing in this approval restricts the Proponent from utilising the existing seagrass monitoring plan for the Tallawarra Stage A power station to satisfy the requirements of condition</p> <p><b>Table 12 - Weather Monitoring</b></p> <table><tr><th>Parameter</th><th>Units of Measure</th><th>Frequency</th><th>Averaging Period</th><th>Sampling Method</th></tr><tr><td>Rainfall</td><td>mm</td><td>Continuous</td><td>1 hour</td><td>AM-4</td></tr><tr><td>Wind speed @ 10 metres</td><td>m/s</td><td>Continuous</td><td>15 minute</td><td>AM-2 &amp; AM-4</td></tr><tr><td>Wind direction @ 10 metres</td><td></td><td>Continuous</td><td>15 minute</td><td>AM-2 &amp; AM-4</td></tr><tr><td>Temperature @ 2 metres</td><td>°C</td><td>Continuous</td><td>15 minute</td><td>AM-4</td></tr><tr><td>Temperature @ 10 metres</td><td>°C</td><td>Continuous</td><td>15 minute</td><td>AM-4</td></tr><tr><td>Sigma theta @ 10 metres</td><td></td><td>Continuous</td><td>15 minute</td><td>AM-2 &amp; AM-4</td></tr><tr><td>Solar radiation</td><td>W/m²</td><td>Continuous</td><td>15 minute</td><td>AM-4</td></tr><tr><td>Additional requirements - Siting - Measurement</td><td></td><td></td><td></td><td>AM-1 &amp; AM-4 AM-2 &amp; AM-4</td></tr></table>	Parameter	Units of Measure	Frequency	Averaging Period	Sampling Method	Rainfall	mm	Continuous	1 hour	AM-4	Wind speed @ 10 metres	m/s	Continuous	15 minute	AM-2 & AM-4	Wind direction @ 10 metres		Continuous	15 minute	AM-2 & AM-4	Temperature @ 2 metres	°C	Continuous	15 minute	AM-4	Temperature @ 10 metres	°C	Continuous	15 minute	AM-4	Sigma theta @ 10 metres		Continuous	15 minute	AM-2 & AM-4	Solar radiation	W/m²	Continuous	15 minute	AM-4	Additional requirements - Siting - Measurement				AM-1 & AM-4 AM-2 & AM-4	Discussion with EA, response to data request.	Not applicable: the plant is an OCGT	Not Triggered
Parameter	Units of Measure	Frequency	Averaging Period	Sampling Method																																													
Rainfall	mm	Continuous	1 hour	AM-4																																													
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Solar radiation	W/m²	Continuous	15 minute	AM-4																																													
Additional requirements - Siting - Measurement				AM-1 & AM-4 AM-2 & AM-4																																													
3.46 LAKE ECOLOGY	<p>In the event a combined cycle plant is constructed, the Proponent shall manage operations to avoid the net loss of seagrass beds in the receiving waters of Lake Illawarra, excluding the outlet canal.</p>	Discussion with EA, response to data request.	Not applicable: the plant is an OCGT	Not Triggered																																													
3.47 LAKE ECOLOGY	<p>Should a net loss of seagrass beds occur, the Proponent shall prepare and submit to the Secretary a report detailing the percentage and physical area of loss, the reasons for the loss, and the proposed measures for minimising any further loss and offsetting the loss.</p>	Discussion with EA, response to data request.	Not applicable: the plant is an OCGT	Not Triggered																																													
3.48 LAKE ECOLOGY	<p>In the event a combined cycle plant is constructed, benthos shall be monitored each summer as detailed in the document titled Tallawarra Combined Cycle Gas Turbine Power Station Water Quality and Biological Community Management Plan (May, 2008). Nothing in this approval restricts the Proponent from utilising the existing benthos monitoring plan for the Tallawarra Stage A power station to satisfy the requirements of condition.</p>	Discussion with EA, response to data request.	Not applicable: the plant is an OCGT	Not Triggered																																													



Condition Number	Requirement	Evidence Used	Findings and Recommendations	Compliance Status
3.49 VISUAL AMENITY IMPACTS	The Proponent shall undertake landscaping works to reduce the visual impact of the power station from residences along the foreshore, prior to the commencement of operation of the project. Vegetation used in landscaping works shall comprise local native species.	Site inspection Discussion with proponent	CEMP Appendix G: Flora and Fauna Management Sub Plan contains Appendix E: Landscape plan. At time of last audit EA advised it has sought quotes and spoken to a number of contractors about this work, but planting had not yet started Has been the removal of the towers, which has reduced the visual impact. This area has been returfed, a new footpath and the new black galvanising fencing (low visual) has been installed. There are 6 trees proposed further up near the security hut. Had permission in to remove the towers and have not removed any of the trees during this removal to keep these trees. Further, there is a proposal to widen YBR in the future and it would be pointless to do any significant planting. See appendix in FFMP - approved plan. Switchyard access road (completed), riparian corridor (done), public access track (completed). site access plantings (proposed)	Compliant
3.50 VISUAL AMENITY IMPACTS	The Proponent shall minimise the use of reflective building elements and maximise the use of building materials and treatments which visually complement the surrounding landscape.	Verification colours against colour chart Site inspection	From last audit: <i>GT, generator and e-room - TQ sighted. Spreadsheet has a EA Paint Colour Comparison Chart. This shows dull colours being used. The spreadsheet includes the artist rendering, OTS and Approval requirements in a separate tab; with the TQ effectively progressing with GE's proposed RAL 7035 grey for the large equipment, i.e. intake, enclosure, since this aligns better with the project approval than the aqua blue for the filter intake for example. Email from WSP states 'We are requiring GE to align on RAL green for items such as the fuel oil block, etc. and are awaiting their response.'</i> Colorbond Ultra - only 6 non-corrosive colours to choose from, therefore went with Dune. This is the closest to RAL 7035 grey.	Compliant
3.51 VISUAL AMENITY IMPACTS	The Proponent shall ensure that the power station is consistent in design (including materials, finishes and colours) with the Tallawarra Stage A power station.	Design verification/confirmation Site inspection	From last audit: <i>GT, generator and e-room - TQ sighted. Spreadsheet has a EA Paint Colour Comparison Chart. This shows dull colours being used. The spreadsheet includes the artist rendering, OTS and Approval requirements in a separate tab; with the TQ effectively progressing with GE's proposed RAL 7035 grey for the large equipment, i.e. intake, enclosure, since this aligns better with the project approval than the aqua blue for the filter intake for example. Email from WSP states 'We are requiring GE to align on RAL green for items such as the fuel oil block, etc. and are awaiting their response.'</i>	Compliant

Condition Number	Requirement	Evidence Used	Findings and Recommendations	Compliance Status
3.52 VISUAL AMENITY IMPACTS	The Proponent shall ensure that all external lighting associated with the project is mounted, screened, and directed in such a manner so as not to create a nuisance to the surrounding environment, properties and roadway. The lighting shall be the minimum level of illumination necessary and shall comply with Australian Standard AS4282 1997 – Control of the Obtrusive Effects of Outdoor Lighting.	TALLAB-GECL-TQ-MEC-0008 19/4/22 TQ from EA to GECL Discussion with Adam Emera DPD TALLAB-EA-10111-ABD080-0005 - Independent Audit EA Supporting Records - 3.52 Visual Amenity Impacts Updated plans with certification of compliance to standard  Site inspection	sighted TALLAB-GECL-TQ-MEC-0008 which says 3.52 and 3.53 Visual Amenity (lighting and aviation hazard lighting) – Details of current design and inclusions required. The lighting design drawings 8903E1_B, 8903E2_B and _C, 8903E3_A and _B, 8903E4_A and _B, and 45762-E-51004-DWG-E-00043 provided in TALLAB-EA-10111-ABD080-0005 - Independent Audit EA Supporting Records - 3.52 Visual Amenity Impacts either explicitly state that "... Compliance with AS4282 has not been evaluated in these calculations and is not implied..." or make no mention of this standard at all. Sighted email dd. 17/10/22 from Clough to WSP provided in TALLAB-EA-10111-ABD080-00050.0.IFI stating that "...regarding compliance to AS 4282, lighting lux levels calculations can incorporate wording to state compliance to AS 4282..." Sighted 8903E5Rev0 A2 dated 21/10/22 which confirms an AS4282 evaluation of predicted obtrusive lighting has been conducted and the design meets requirements. Have seen lights onsite and all point downwards to avert any spill and nuisance from the site.	Compliant
3.53 VISUAL AMENITY IMPACTS	Where aviation hazard lighting is recommended by CASA and/or AirServices Australia, all reasonable and feasible attempts shall be made to ensure that this lighting is designed and directed so as not to create a nuisance to the surrounding environment, properties and roadway.	Some kind of verification/confirmation	In previous audits, sighted TALLAB-GECL-TX-MEC-0003 where GECL confirms that the [Tallawarra B] Stack [(incl PDD)] will be lit [with aircraft warning lights and marking] in accordance with Chapter 9 Division 4 of the Part 139 (Aerodromes) Manual of Standards 2020 (as amended), and that the stack will be marked in conformance with CASA and the Aerodromes manual. Casa reqs med intensity red or white flashing lights. EA advised it will have white during the day and red at night. Lights are here, 3 x installed but with rain/wind, 4th one not yet installed, not yet switch on.	Compliant
3.54 ABORIGINAL HERITAGE IMPACTS	The Proponent shall take all reasonable and feasible measures to avoid the sites known as Yallah Gully 1 (National Parks and Wildlife Services Site ID 52-5-0248), Yallah Gully 2 (National Parks and Wildlife Services Site ID 52-5-0247), Yallah Gully 3 (National Parks and Wildlife Services Site ID 52-5-0246) and Yallah Site 2 (National Parks and Wildlife Services Site ID 52-5-0122) during the construction of the project, and develop site-specific mitigation measures to ensure that they are not impacted by construction or operation of the power station and any associated infrastructure. If impacts are unavoidable, mitigation measures are to be negotiated with the Aboriginal community and Heritage NSW.	<b>On project website:</b> CEMP Rev 2.5 >> found compliant in previous audit (Audit 3).  <b>New evidence from this audit:</b> <u>Weekly Environmental Inspections Checklist</u> TALLAB-GECL-10111-ABD080-0002 - Independent Audit GECL Supporting Records - 3.19, 3.20, 3.3, 3.4 Environmental Inspections. Issued to EA on 30/08/23. Transmittal No. GECL-TRN-001168 ER REPORTS	no work outside of infrastructure footprints; further, ILALC has been involved in the Veg offset plan (see above) so there's regular communication and onsite work. - MONTHLY ER REPORTS for 7 months from May-Aug: inspections include (occasional, as required - eg April 2023) checks for the management of heritage impacts during construction activities and find these satisfy all requirements, and consistently report "no non-compliances, no incidents and no complaints"	Compliant



Condition Number	Requirement	Evidence Used	Findings and Recommendations	Compliance Status
3.55 ABORIGINAL HERITAGE IMPACTS	If during the course of construction or operation of the project the Proponent uncovers any previously unidentified Aboriginal cultural objects, all works likely to affect the object(s) shall cease in the immediate area to prevent any further impact to the find(s) and Heritage NSW informed. A suitably qualified archaeologist and Aboriginal community representatives shall be contacted to determine the significance of the find(s) and appropriate management measures. The Proponent shall register the site and management outcome in the Aboriginal Heritage Information Management System (AHIMS) in accordance with the National Parks and Wildlife Act 1974. Works are not to resume until approval in writing is received from Heritage NSW.	<p><b>On project website:</b> CEMP Rev 2.5 &gt;&gt; found compliant in previous audit (Audit 3).</p> <p><b>New evidence from this audit:</b> <u>Weekly Environmental Inspections Checklist</u> TALLAB-GECL-10111-ABD080-0002 - Independent Audit GECL Supporting Records - 3.19, 3.20, 3.3, 3.4 Environmental Inspections. Issued to EA on 30/08/23. Transmittal No. GECL-TRN-001168 ER REPORTS</p>	<p>Refer previous audit 3 schedule for details.</p> <p>- MONTHLY ER REPORTS for 7 months from May-Aug: inspections include (occasional, as required - eg April 2023) checks for the management of heritage impacts during construction activities and find these satisfy all requirements, and consistently report "no non-compliances, no incidents and no complaints"</p> <p>A previously unidentified Aboriginal cultural object was found within the offset area during off set planting on 11th October . The works in this area are being undertaken by ILALC, and it was a member of the ILALC team that discovered the object.</p> <p>All protocols have been followed and teh find reported to Heritage NSW and the info@epa.nsw.gov.au address on 18/10/23</p>	Compliant
3.56 ABORIGINAL HERITAGE IMPACTS	Where ground disturbance is proposed (for example excavation or removal of vegetation) in the vicinity of Yallah Creek, prior to commencing construction, the Proponent shall undertake further archaeological surveying and assessment with the aim of identifying any Aboriginal cultural heritage values which may be impacted by the project. The Proponent shall ensure monitoring by Local Aboriginal Land Council representatives during such works.	<p>Aboriginal Cultural Heritage Management Sub-Plan (ACHMP) MP07_0124 File TALLAB-ACHMP-Version-1.6 clean, 2022-06-06 Revision 1.6 Discussions with EA Site inspection Email to info@epa.nsw.gov.au address on 18/10/23</p>	<p>Refer previous audit 3 schedule for subplan details.</p> <p>A previously unidentified Aboriginal cultural object was found within the offset area during off set planting on 11th October . The works in this area are being undertaken by ILALC, and it was a member of the ILALC team that discovered the object.</p> <p>All protocols have been followed and teh find reported to Heritage NSW and the info@epa.nsw.gov.au address on 18/10/23</p>	Compliant
3.57 TRAFFIC AND TRANSPORT IMPACTS	<p>Upon determining the haulage route(s) for construction vehicles associated with the project, the Proponent shall commission an independent, qualified person or team to undertake a Road Dilapidation Report for Yallah Bay Road. The report shall assess the current condition of the road and describe mechanisms to restore any damage that may result due to traffic and transport related to the construction of the project. The Report shall be submitted to the relevant road authority for review prior to the commencement of haulage.</p> <p>The Proponent shall ensure that any measures to restore or reinstate roads affected by the project are undertaken in a timely manner, in accordance with the requirements of and to the satisfaction of the relevant road authority, and at the full expense of the Proponent. In the event of a dispute between the parties with respect to the extent of restorative work that may be required under this condition, any party may refer the matter to the Secretary for resolution. The Secretary's determination of any such dispute shall be final and binding on the parties.</p>	<p>TALLAB-GECL-10111-ABD080-0009 - Independent Audit GECL Supporting Records - 3.57 Road Dilapidation Reports. Issued to EA on 30/08/23. Transmittal No. GECL-TRN-001168. ER REPORTS Email fr WCC 12/9/23 D Adam seeking information on vehicle movements and provided scope of works. Ref# jn / kb scope of repair to Yalla Bay Rd fr WCC dated 26/6/23 showing all roadworks to be completed as a road stabiisation reconstruction and patching. No requirements to fund by Talla B.</p>	<p>- Road Dilapidation Report for Yallah Bay Road by GeoSurv for inspection undertaken on 25/11/22 "Post Transformer Delivery Inspection", concludes that YBR is in poor condition with many different types of damage. This report does not describe any mechanisms for restoration, and no evidence has been sighted of submission to relevant road authority. May 2023 ER report shows evidence of minor pothole repair works undertaken by proponent. Nothing more formal done as TallaB's pre works dilap report showed road was in poor state.</p> <p>- MONTHLY ER REPORTS for 7 months from May-Aug: inspections include (occasional, as required) comments regarding Yallah Bay Road restoration acivities (eg May 2023 regarding repair of potholes), and consistently report "no non-compliances, no incidents and no complaints"</p>	Compliant

Condition Number	Requirement	Evidence Used	Findings and Recommendations	Compliance Status
3.58 WASTE GENERATION AND MANAGEMENT	All waste materials removed from the site shall only be directed to a waste management facility lawfully permitted to accept the materials.	<p><b>On project website:</b> CEMP Rev 2.5 &gt;&gt; found compliant in previous audit (Audit 3).</p> <p><b>New evidence from this audit:</b>  <u>Sustainability Reports</u>  TALLAB-GECL-10111-ABD080-0010 - Independent Audit  GECL Supporting Records - 3.59 Waste Generation.  Sustainability Report Apr to Aug 2023.  <u>Waste records &amp; receipts</u>  TALLAB-GECL-10111-ABD080-0013 - Independent Audit  GECL Supporting Records - 3.60 Waste. Issued to EA on 30/08/23. Transmittal No. GECL-TRN-001168 Issued to EA on 06/09/23. Transmittal No. GECL-TRN-001181  WEEKLY ENVIRO INSPECTIONS  - Waste receipts June 2023  AMP Registration Details – Register of Scrap Metal Dealers</p>	<p>- Sustainability Report for the month ending 25Aug23: Sets out the total amount of each type of waste generated + the treatment method for each. No entries for update on sustainability initiatives.</p> <p>- Waste Register for each month starting Nov 21 up to and including Aug23. Includes total amount of waste of various categories generated.</p> <p>- Weekly Enviro Inspections have checklist items to identify <u>hazardous and regulated wastes</u> and to confirm appropriate storage, tracking and disposal.</p> <p>Waste receipts show collection and some locations for disposal. Further evidence of dispoal locations and licences provided by JJ Richards in email 23 Oct.</p>	Compliant
3.59 WASTE GENERATION AND MANAGEMENT	The Proponent shall, to the extent that is reasonable and feasible, maximise the treatment, reuse and/or recycling on the project site of any waste oils, excavated soils, vegetation, slurries, sludges or other solid and liquid waste materials associated with the project, to minimise the need for treatment or disposal of those materials outside the power station.	<p><b>On project website:</b> CEMP Rev 2.5 &gt;&gt; found compliant in previous audit (Audit 3).</p> <p><b>New evidence from this audit:</b>  <u>Sustainability Reports</u>  TALLAB-GECL-10111-ABD080-0010 - Independent Audit  GECL Supporting Records - 3.59 Waste Generation  Sustainability Report Apr to Aug 2023.  <u>Waste records &amp; receipts</u>  TALLAB-GECL-10111-ABD080-0013 - Independent Audit  GECL Supporting Records - 3.60 Waste. Issued to EA on 30/08/23. Transmittal No. GECL-TRN-001168 Issued to EA on 06/09/23. Transmittal No. GECL-TRN-001181  Clearsafe waste beneficial reuse assessment dated 17th Aug,  <a href="#">Site inspection to verify</a></p>	<p>- Sustainability Report for the month ending 25Aug23: Sets out the total amount of each type of waste generated and identieis recycling and reuse treatment methods for several of these.</p> <p>- Weekly Enviro Inspections have checklist items to identify and confirm reuse and recycling opportunities for water, hazardous liquids, mulch, oils, fuels and general recyclables.</p> <p>Visited the stockpile sites, these are in good order and separated. Waste has been classified (see reports)</p> <p>General organics, papaer cardboard steel, papers sewage, viewed Aug &amp; Sept, this is all part of the sustainability</p> <p>Clearsafe waste beneficial reuse assessment dated 17th Aug, showed that the two stockpiles can be reused on beneficial purposes. This is being reused in the GPRS to build some hardstands and around the power island. Advised that this would be within the TallaB project corridor.</p>	Compliant
3.60 WASTE GENERATION AND MANAGEMENT	The Proponent shall not cause, permit or allow any waste generated outside the site to be received at the site for storage, treatment, processing, reprocessing, or disposal on the site, except as expressly permitted by a licence under the Protection of the Environment Operations Act 1997, if such a licence is required in relation to that waste.	<p><b>On project website:</b> CEMP Rev 2.5 &gt;&gt; found compliant in previous audit (Audit 3).</p> <p><b>New evidence from this audit:</b>  <u>Sustainability Reports</u>  TALLAB-GECL-10111-ABD080-0010 - Independent Audit  GECL Supporting Records - 3.59 Waste Generation.  Sustainability Report Apr to Aug 2023.  <u>Waste records &amp; receipts</u>  TALLAB-GECL-10111-ABD080-0013 - Independent Audit  GECL Supporting Records - 3.60 Waste. Issued to EA on 30/08/23. Transmittal No. GECL-TRN-001168 Issued to EA on 06/09/23. Transmittal No. GECL-TRN-001181  <a href="#">Site inspection to verify</a></p>	<p>- No record in any of the documentation reviewed of waste generated outside of the site being received on site.</p> <p>No evidence observed onsite.</p>	Compliant

Condition Number	Requirement	Evidence Used	Findings and Recommendations	Compliance Status
3.61 WASTE GENERATION AND MANAGEMENT	The Proponent shall ensure that all liquid and/or non-liquid waste generated on the site is assessed and classified in accordance with Waste Classification Guidelines (EPA, 2009), or any superseding document.	<p><b>On project website:</b> CEMP Rev 2.5 &gt;&gt; found compliant in previous audit (Audit 3).</p> <p><b>New evidence from this audit:</b> <u>Sustainability Reports</u> TALLAB-GECL-10111-ABD080-0010 - Independent Audit GECL Supporting Records - 3.59 Waste Generation. Sustainability Report Apr to Aug 2023. <u>Waste records &amp; receipts</u> TALLAB-GECL-10111-ABD080-0013 - Independent Audit GECL Supporting Records - 3.60 Waste. Issued to EA on 30/08/23. Transmittal No. GECL-TRN-001168 Issued to EA on 06/09/23. Transmittal No. GECL-TRN-001181 <a href="#">Site inspection to verify</a></p>	<p>- CEMP Waste Management Plan sets out the policies for waste classification according to EPA Guidelines in sections 3.4 and 5.</p> <p>- Sustainability Report for the month ending 25Aug23: Sets out the total amount of each type of waste generated + the treatment method for each. No entries for update on sustainability initiatives.</p> <p>'- Waste Register for each month starting Nov 21 up to and including Aug23. Includes total amount of waste of various categories generated.</p> <p>- Weekly Enviro Inspections have checklist items to identify <u>hazardous and regulated wastes</u> and to confirm appropriate storage, tracking and disposal.</p> <p>Clearsafe waste beneficial reuse assessment dated 17th Aug, showed that the two stockpiles can be reused on beneficial purposes. This is being reused in the GPRS to build some hardstands and around the power island. Advised that this would be within the TallaB project corridor.</p>	Compliant
<b>4. ENVIRONMENTAL MONITORING AND AUDITING</b>				
4.1 OPERATIONAL NOISE REVIEW	Within 90 days of the commencement of operation of the project, or as may be agreed by the Secretary, and during a period in which the project is operating under design loads and normal operating conditions, the Proponent shall undertake an Operational Noise Review to confirm the noise emission performance of the project. The Review shall be prepared in consultation with, and to the satisfaction of, the EPA.	Not applicable.	Not applicable: relates to Operations.	Not Triggered
4.2 OPERATIONAL NOISE REVIEW	Noise monitoring is to be consistent with the guidelines provided in the Noise Policy for Industry (NSW EPA, 2017) and must include attended noise monitoring at the receiver locations identified in Table 1 and Table 2. The noise assessment must include monitoring of operations that have the potential to cause offensive noise including, but not limited to, safety valve operation, blowdown operation and the operation of circuit breakers during the day, evening and night time periods at the locations defined in condition 3.5 of this approval.	Not applicable.	Not applicable: relates to Operations.	Not Triggered
4.3 OPERATIONAL NOISE REVIEW	For the purpose of assessment of noise emissions, noise from the project shall be: a) measured at the most affected point within the residential boundary or at the most affected point within 30 metres of the dwelling where the dwelling is more than 30 metres from the boundary;	Not applicable.	Not applicable: relates to Operations.	Not Triggered

Condition Number	Requirement	Evidence Used	Findings and Recommendations	Compliance Status
	b) measured at one metre from the dwelling facade to determine compliance with the Lamax noise limits specified in Table 1 and in Table 2 of this approval; and	Not applicable.	Not applicable: relates to Operations.	Not Triggered
	c) in the case of the proposed residential areas within the Tallawarra Lands, measured at the most affected point within each residential area. Notwithstanding, should direct measurement of noise from the project be impractical, the Proponent may employ an alternative noise assessment method deemed acceptable by the EPA (refer to Noise Policy for Industry (NSW EPA, 2017). Details of such an alternative noise assessment method accepted by the EPA shall be submitted to the Secretary prior to the implementation of the assessment method.	Not applicable.	Not applicable: relates to Operations.	Not Triggered
4.4 OPERATIONAL NOISE REVIEW	A report providing the results of the Operational Noise Review shall be submitted to the Secretary and the EPA within 90 days of completion of the monitoring. The report shall include, but not necessarily be limited to: a) a description of the methodologies for noise monitoring, including the location of monitoring sites and frequency of monitoring;	Not applicable.	Not applicable: relates to Operations.	Not Triggered
	b) documentation of the operational noise levels at the locations defined in Table 1 and Table 2 of this approval as ascertained by the noise monitoring program;	Not applicable.	Not applicable: relates to Operations.	Not Triggered
	c) an assessment of the noise performance of the project against the noise limits specified in Table 1 and Table 2 of this approval and the predicted noise levels as detailed in the report referred to under condition 1.1c) of this approval;	Not applicable.	Not applicable: relates to Operations.	Not Triggered
	d) details of the meteorological conditions prevailing during the monitoring; and	Not applicable.	Not applicable: relates to Operations.	Not Triggered
	e) details of any entries in the Complaints Register (condition 6.3 of this approval) relating to noise impacts.	Not applicable.	Not applicable: relates to Operations.	Not Triggered
4.5 ONGOING OPERATIONAL NOISE MONITORING	The Proponent shall prepare and implement an Operational Noise Monitoring Program to assess ongoing compliance against the operational noise limits set out in condition 3.5 of this approval. The noise monitoring program shall be prepared in consultation with, and to the satisfaction of, the EPA. Noise monitoring is to be consistent with the guidelines provided in the Noise Policy for Industry (NSW EPA, 2017) and must include, but not be limited to: a) noise monitoring at the locations specified in Table 1 and Table 2 of this approval, in accordance with the requirements of condition 4.3 of this approval;	Not applicable.	Not applicable: relates to Operations.	Not Triggered
	b) attended noise monitoring;	Not applicable.	Not applicable: relates to Operations.	Not Triggered

Condition Number	Requirement	Evidence Used	Findings and Recommendations	Compliance Status																																
	c) monitoring of operations that have the potential to cause offensive noise including, but not limited to, safety valve operation, blowdown operation and the operation of circuit breakers during the day, evening and night time periods; and	Not applicable.	Not applicable: relates to Operations.	Not Triggered																																
	d) monitoring of the effectiveness of any noise mitigation measures implemented under condition 3.6 of this approval, against the noise limits specified in condition 3.5 of this approval.	Not applicable.	Not applicable: relates to Operations.	Not Triggered																																
4.6 ONGOING OPERATIONAL NOISE MONITORING	Ongoing noise monitoring shall be undertaken by the Proponent on an annual basis and as may be directed by the Secretary. The requirements for ongoing annual noise monitoring will be determined by the Secretary based on the results collected.	Not applicable.	Not applicable: relates to Operations.	Not Triggered																																
4.7 AIR QUALITY MONITORING	<p>The Proponent must monitor (by sampling and obtaining results by analysis) the pollutant concentrations or parameters specified in Table 10 at each of the turbine stack monitoring/discharge points described in Table 7 during operation. Monitoring must be undertaken during maximum load, using the specified sampling method, units of measure, and sample at the frequency in Table 10, unless otherwise agreed to by the EPA.</p> <p>Note: For the purpose of the Table above, Special Method 1 means any moisture monitoring method approved in writing by the EPA and US EPA Procedure 1. The sampling methods are those specified in the Approved Methods for the Sampling and Analysis of Air Pollutants in NSW (EPA, 2016), or its latest version.</p> <table><caption>Table 10 – Periodic Pollutant/Parameter Monitoring (Air)</caption><thead><tr><th>Pollutant/Parameter</th><th>Units of Measure</th><th>Frequency</th><th>Sampling Method</th></tr></thead><tbody><tr><td>Nitrogen dioxide (NO<sub>2</sub>) or nitric oxide (NO) or both, as NO<sub>x</sub> equivalent</td><td>ppm</td><td>Continuous</td><td>CEM-2 and US EPA Procedure 1</td></tr><tr><td>Moisture</td><td>%</td><td>Continuous</td><td>Special Method 1 and US EPA Procedure 1</td></tr><tr><td>Oxygen</td><td>%</td><td>Continuous</td><td>CEM-3 and US EPA Procedure 1</td></tr><tr><td>Temperature</td><td>°C</td><td>Continuous</td><td>TM-2 and US EPA Procedure 1</td></tr><tr><td>Velocity</td><td>m/s</td><td>Continuous</td><td>CEM-6 and US EPA Procedure 1</td></tr><tr><td>Volumetric flow rate</td><td>m³/s</td><td>Continuous</td><td>CEM-6 and US EPA Procedure 1</td></tr><tr><td>Selection of sampling positions</td><td>-</td><td>-</td><td>TM-1</td></tr></tbody></table>	Pollutant/Parameter	Units of Measure	Frequency	Sampling Method	Nitrogen dioxide (NO <sub>2</sub> ) or nitric oxide (NO) or both, as NO <sub>x</sub> equivalent	ppm	Continuous	CEM-2 and US EPA Procedure 1	Moisture	%	Continuous	Special Method 1 and US EPA Procedure 1	Oxygen	%	Continuous	CEM-3 and US EPA Procedure 1	Temperature	°C	Continuous	TM-2 and US EPA Procedure 1	Velocity	m/s	Continuous	CEM-6 and US EPA Procedure 1	Volumetric flow rate	m³/s	Continuous	CEM-6 and US EPA Procedure 1	Selection of sampling positions	-	-	TM-1	Not applicable.	Not applicable: relates to Operations.	Not Triggered
Pollutant/Parameter	Units of Measure	Frequency	Sampling Method																																	
Nitrogen dioxide (NO <sub>2</sub> ) or nitric oxide (NO) or both, as NO <sub>x</sub> equivalent	ppm	Continuous	CEM-2 and US EPA Procedure 1																																	
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Oxygen	%	Continuous	CEM-3 and US EPA Procedure 1																																	
Temperature	°C	Continuous	TM-2 and US EPA Procedure 1																																	
Velocity	m/s	Continuous	CEM-6 and US EPA Procedure 1																																	
Volumetric flow rate	m³/s	Continuous	CEM-6 and US EPA Procedure 1																																	
Selection of sampling positions	-	-	TM-1																																	
	<p>Within six months of the commencement of operation of the project, or as may be agreed or directed by the Secretary, and during a period in which the project is operating at both maximum design loads and under normal operating conditions, the Proponent shall undertake a program to confirm the air emission performance of the project. The program shall include, but not necessarily be limited to:</p> <p>a) point source emission sampling and analysis subject to the requirements listed under condition 4.7 to determine compliance with the stack discharge concentration limits identified in condition 3.24;</p>	Not applicable.	Not applicable: relates to Operations.	Not Triggered																																



Condition Number	Requirement	Evidence Used	Findings and Recommendations	Compliance Status
4.8 AIR QUALITY PERFORMANCE VERIFICATION	b)a comprehensive air quality impact assessment, using actual air emission data collected under a). The assessment shall be undertaken strictly in accordance with the methods outlined in Approved Methods and Guidance for the Modelling and Assessment of Air Pollutants in New South Wales (EPA, 2017), or its latest version;	Not applicable.	Not applicable: relates to Operations.	Not Triggered
	c) a comparison of the results of the air quality impact assessment required under b) above, and the predicted air quality impacts detailed in the Air Quality Assessment, Tallawarra B Permit Modification: Air Quality Assessment, EnergyAustralia, Katestone, dated June 2020;	Not applicable.	Not applicable: relates to Operations.	Not Triggered
	d) a comparison of the results of the air quality impact assessment required under b) above, and the impact assessment criteria detailed in Approved Methods and Guidance for the Modelling and Assessment of Air Pollutants in NSW (EPA, 2017), or its latest version; and	Not applicable.	Not applicable: relates to Operations.	Not Triggered
	e) details of any entries in the Complaints Register (condition 6.3 of this approval) relating to air quality impacts. A report providing the results of the program shall be submitted to the Secretary and EPA within two months of completion of the testing program required under 4.8a) for both operating scenarios.	Not applicable.	Not applicable: relates to Operations.	Not Triggered
4.9 AIR QUALITY PERFORMANCE VERIFICATION	In the event that results of the air dispersion modelling indicates that the operation of the project, under maximum design loads or normal operating conditions, will lead to: a) greater point source emissions of air pollutants than permitted under Condition 3.24 of this approval; or	Not applicable.	Not applicable: relates to Operations.	Not Triggered
	b) greater ground-level concentrations of air pollutants than the impact assessment criteria detailed in Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales (EPA 2017); then the Proponent shall provide details of remedial measures to be implemented to reduce point source emissions and/ or ground-level concentrations of air pollutants to no greater than permitted under this approval. Details of the remedial measures and a timetable for implementation shall be submitted to the EPA for approval within such period as the EPA may require, unless agreed otherwise by Secretary.	Not applicable.	Not applicable: relates to Operations.	Not Triggered
4.10 WATER QUALITY MONITORING	In the event that a combined cycle plant is constructed, the Proponent shall continuously monitor with a probe both the water temperature into the power station and the temperature of the combined cooling water discharge from the Tallawarra Stage A and B plants into the outlet canal, downstream of the attemperation mixing zone.	Not applicable.	N/A as combined cycle	Not Triggered

Condition Number	Requirement	Evidence Used	Findings and Recommendations	Compliance Status																																													
4.11 WATER QUALITY MONITORING	In the event that a combined cycle plant is constructed, the Proponent shall continuously monitor the flow at the inlet waters to the power station and the flow of water discharged from the Tallawarra Stage A and B plants into the outlet canal, downstream of the attemperation mixing zone.	Not applicable.	Not applicable: relates to Operations.	Not Triggered																																													
4.12 WATER QUALITY MONITORING	In the event that a combined cycle plant is constructed, the Proponent shall monitor any relevant “assessable pollutants” as specified under the Load Based Licensing Scheme (under the Protection of the Environment Operations (General) Regulation 2009) in the combined cooling water discharge from the Tallawarra Stage A and B plants into the outlet canal, downstream of the attemperation mixing zone.	Not applicable.	Not applicable: relates to Operations.	Not Triggered																																													
4.13 WATER QUALITY MONITORING	<p>In the event that a combined cycle plant is constructed, the Proponent shall monitor the pollutants specified in Table 11 in the blowdown discharge from the cooling tower system. Monitoring shall be undertaken on a daily basis for the first 30 days of post commissioning operations with the frequency of monitoring to be reviewed and specified by the Secretary following review of the monitoring results for the 30 day period. Daily monitoring is to continue until otherwise approved by the Secretary</p> <table><caption>Table 11 - Water Quality Monitoring</caption><thead><tr><th>Pollutant</th><th>Units of Measure</th><th>Frequency</th><th>Sampling Method</th></tr></thead><tbody><tr><td>Hydrex 2470</td><td>mg/L</td><td>Daily</td><td>Grab sample with the monitoring methodology as approved by the EPA</td></tr><tr><td>Registered / permitted product containing peracetic acid</td><td>mg/L</td><td>Daily</td><td>Grab sample with the monitoring methodology as approved by the EPA</td></tr></tbody></table>	Pollutant	Units of Measure	Frequency	Sampling Method	Hydrex 2470	mg/L	Daily	Grab sample with the monitoring methodology as approved by the EPA	Registered / permitted product containing peracetic acid	mg/L	Daily	Grab sample with the monitoring methodology as approved by the EPA	Not applicable.	Not applicable: relates to Operations.	Not Triggered																																	
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Hydrex 2470	mg/L	Daily	Grab sample with the monitoring methodology as approved by the EPA																																														
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4.14 WEATHER MONITORING	<p>The Proponent shall monitor the weather parameters in Table 12 on site in accordance with the specified sampling methods, units of measure, averaging periods and frequency.</p> <table><caption>Table 12 - Weather Monitoring</caption><thead><tr><th>Parameter</th><th>Units of Measure</th><th>Frequency</th><th>Averaging Period</th><th>Sampling Method</th></tr></thead><tbody><tr><td>Rainfall</td><td>mm</td><td>Continuous</td><td>1 hour</td><td>AM-4</td></tr><tr><td>Wind speed @ 10 metres</td><td>m/s</td><td>Continuous</td><td>15 minute</td><td>AM-2 &amp; AM-4</td></tr><tr><td>Wind direction @ 10 metres</td><td></td><td>Continuous</td><td>15 minute</td><td>AM-2 &amp; AM-4</td></tr><tr><td>Temperature @ 2 metres</td><td>°C</td><td>Continuous</td><td>15 minute</td><td>AM-4</td></tr><tr><td>Temperature @ 10 metres</td><td>°C</td><td>Continuous</td><td>15 minute</td><td>AM-4</td></tr><tr><td>Sigma theta @ 10 metres</td><td></td><td>Continuous</td><td>15 minute</td><td>AM-2 &amp; AM-4</td></tr><tr><td>Solar radiation</td><td>W/m²</td><td>Continuous</td><td>15 minute</td><td>AM-4</td></tr><tr><td>Additional requirements - Siting - Measurement</td><td></td><td></td><td></td><td>AM-1 &amp; AM-4 AM-2 &amp; AM-4</td></tr></tbody></table>	Parameter	Units of Measure	Frequency	Averaging Period	Sampling Method	Rainfall	mm	Continuous	1 hour	AM-4	Wind speed @ 10 metres	m/s	Continuous	15 minute	AM-2 & AM-4	Wind direction @ 10 metres		Continuous	15 minute	AM-2 & AM-4	Temperature @ 2 metres	°C	Continuous	15 minute	AM-4	Temperature @ 10 metres	°C	Continuous	15 minute	AM-4	Sigma theta @ 10 metres		Continuous	15 minute	AM-2 & AM-4	Solar radiation	W/m²	Continuous	15 minute	AM-4	Additional requirements - Siting - Measurement				AM-1 & AM-4 AM-2 & AM-4	Not applicable.	Not applicable: relates to Operations. EA advises it has confirmed weather monitoring station is collecting data.	Not Triggered
Parameter	Units of Measure	Frequency	Averaging Period	Sampling Method																																													
Rainfall	mm	Continuous	1 hour	AM-4																																													
Wind speed @ 10 metres	m/s	Continuous	15 minute	AM-2 & AM-4																																													
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Solar radiation	W/m²	Continuous	15 minute	AM-4																																													
Additional requirements - Siting - Measurement				AM-1 & AM-4 AM-2 & AM-4																																													



Condition Number	Requirement	Evidence Used	Findings and Recommendations	Compliance Status
4.15 HAZARD AUDIT	Twelve months after the commencement of operation of the project, or within such period otherwise agreed by the Secretary, the Proponent shall commission an independent, qualified person or team to undertake a comprehensive Hazard Audit of the project. Further Hazard Audits shall be undertaken every three years thereafter. Hazard Audits shall be carried out in accordance with the Department's publication Hazardous Industry Planning Advisory Paper No. 5 - Hazard Audit Guidelines.	Not applicable.	Not applicable: relates to Operations.	Not Triggered
<b>5. COMPLIANCE REPORTING AND AUDITING</b>				
5.1 INCIDENT NOTIFICATION, REPORTING AND RESPONSE	The Secretary must be notified in writing via the Major Projects website immediately after the Proponent becomes aware of an incident. The notification must identify the development (including the 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 1.	Discussion with EA, response to data request.	EA advised no incidents have occurred in auditing period.	Not Triggered
5.2 NON-COMPLIANCE NOTIFICATION	The Secretary must be notified in writing via the Major Projects website within seven days after the Proponent becomes aware of any non-compliance.	Discussion with EA, response to data request.	EA advised no n/cs have occurred in auditing period.	Not Triggered
5.3 NON-COMPLIANCE NOTIFICATION	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.	Discussion with EA, response to data request.	EA advised no n/cs have occurred in auditing period.	Not Triggered
5.4 NON-COMPLIANCE NOTIFICATION	A non-compliance which has been notified as an incident does not need to also be notified as a non-compliance.	Noted.	Noted.	
5.5 COMPLIANCE REPORTING	Compliance Reports of the project must be carried out in accordance with the Compliance Reporting Requirements outlined in the Compliance Reporting Post Approval Requirements (2020).	Discussion with EA, response to data request.	First compliance report due no later than 52 week after the commencement of operations	Not Triggered
5.6 COMPLIANCE REPORTING	Compliance Reports must be submitted to the Department in accordance with the timeframes set out in the Compliance Reporting Post Approval Requirements (2020), unless otherwise agreed to by the Secretary.	Discussion with EA, response to data request.	First compliance report due no later than 52 week after the commencement of operations	Not Triggered
5.7 COMPLIANCE REPORTING	The Proponent must make each Compliance Report publicly available within 60 days of submitting it to the Secretary, unless otherwise agreed by the Secretary.	Discussion with EA, response to data request.	First compliance report due no later than 52 week after the commencement of operations	Not Triggered

Condition Number	Requirement	Evidence Used	Findings and Recommendations	Compliance Status
5.8 COMPLIANCE REPORTING	Notwithstanding the requirements of the Compliance Reporting Post Approval Requirements (2020), the Secretary may approve a request for ongoing annual operational compliance reports to be ceased, where it has been demonstrated to the Secretary’s satisfaction that an operational compliance report has demonstrated operational compliance.	Not applicable.	Not applicable: relates to Operations.	Not Triggered
5.9 INDEPENDENT ENVIRONMENTAL AUDIT	Independent Audits of the project must be conducted and carried out in accordance with the Independent Audit Post Approval Requirements (2020).	This audit.	This audit.	Compliant
5.10 INDEPENDENT ENVIRONMENTAL AUDIT	Proposed independent auditors must be agreed to in writing by the Secretary prior to the commencement of an Independent Audit.	From previous audit: Letter from DPIE	- DPIE letter dd 26/02/21 confirms the audit team including Shireen Baguley as lead auditor and Steven Molino as alternative lead auditor for the audit process for the Tallawarra B project.	Compliant

Condition Number	Requirement	Evidence Used	Findings and Recommendations	Compliance Status
5.11 INDEPENDENT ENVIRONMENTAL AUDIT	The Secretary may require the initial and subsequent Independent Audits to be undertaken at different times to those specified in the Compliance Reporting Post Approval Requirements (2020), upon giving at least 4 weeks' notice (or timing) to the Proponent of the date upon which the audit must be commenced.	Proof of any such requests, if applicable. Confirm in interviews during site inspection?	- Since the previous audit (IEA Audit 3) no requests for audits to be undertaken at different times than those set out in Compliance Reporting Post Approval Requirements (2020) by the Secretary have been reported by the Proponent.	Compliant
5.12 INDEPENDENT ENVIRONMENTAL AUDIT	In accordance with the specific requirements in the Independent Audit Post Approval Requirements (2020), the Proponent must: a) review and respond to each Independent Audit Report prepared under condition 5.11 or condition 5.13 of this approval where notice is given by the Secretary;	<b>Project website:</b> IEA reports and the proponent's responses are all published in the Regulatory and Approval Documents Post-Development Consent section.	All IEA reports 1, 2 and 3 are fully published on the project website. All proponent responses to each of these reports are fully published on the website...  ...therefore each IEA has been reviewed and responded to.	Compliant
	b) Submit the response to the Secretary; and	Copy of draft letter dd 20Apr23 from Ian Black Project Director to Wayne Jones DPIE to submit IEA 3 Report + response to DPIE  Copy of DPIE letter dd 27Apr23 confirming IEA3 Report + Responses and requesting publication on project website.	The IEA3 Report and proponent response were submitted to the Secretary.	Compliant
	c) Make each Independent Audit Report, and response to it, publicly available within 60 days of submission to the Secretary, unless otherwise agreed by the Secretary.	Project website: IEA reports 1, 2 and 3, and the proponent's responses to each are all published in the Regulatory and Approval Documents Post-Development Consent section.  Copy of draft letter dd 20Apr23 from Ian Black Project Director to Wayne Jones DPIE to submit IEA 3 Report + response to DPIE  Copy of DPIE letter dd 27Apr23 confirming IEA3 Report + Responses and requesting publication on project website.  Copy email dd 27Apr23 confirming approval to upload IEA 3 Report + response to project website.	- All IEA reports 1, 2 and 3 are fully published on the project website. - All proponent responses to each of these reports are fully published on the website. - Publication on website is within 60 days from submission to DPIE.	Compliant
5.13 INDEPENDENT ENVIRONMENTAL AUDIT	Independent Audit Reports and the Proponent's response to audit findings must be submitted to the Secretary within 2 months of undertaking the independent audit site inspection as outlined in the Independent Audit Post Approvals Requirements (2020), unless otherwise agreed by the Secretary.	Project website: IEA reports 1, 2 and 3, and the proponent's responses to each are all published in the Regulatory and Approval Documents Post-Development Consent section.  Copy of draft letter dd 20Apr23 from Ian Black Project Director to Wayne Jones DPIE to submit IEA 3 Report + response to DPIE  Copy of DPIE letter dd 27Apr23 confirming IEA3 Report + Responses and requesting publication on project website.  Copy email dd 27Apr23 confirming approval to upload IEA 3 Report + response to project website.	- IEA Audit 3 site inspection was undertaken on 28Mar23. - Submission to Secretary deadline = 28Mar23 + 2 months = 28May23. - Draft letter to DPIE to submit IEA3 Report + Responses is dated 20Apr23. - DPIE confirmation letter is dated 27Apr23. - Submission to Secretary took place within 2 months of date on inspection	Compliant

Condition Number	Requirement	Evidence Used	Findings and Recommendations	Compliance Status
5.14 INDEPENDENT ENVIRONMENTAL AUDIT	Notwithstanding the requirements of the Independent Audit Post Approvals Requirements (2020), the Secretary may approve a request for ongoing independent operational audits to be ceased, where it has been demonstrated to the Secretary's satisfaction that independent operational audits have demonstrated operational compliance.	Not applicable.		Not Triggered
<b>6. COMMUNITY INFORMATION, CONSULTATION AND INVOLVEMENT</b>				
6.1 COMMUNITY INFORMATION, CONSULTATION AND INVOLVEMENT	Subject to confidentiality, the Proponent shall make all documents required under condition 6.4 of this approval available for public inspection on request.	See 6.4	See 6.4	Compliant
6.2 COMPLAINTS PROCEDURE	Prior to the commencement of construction of the project, the Proponent shall ensure that the following are available for community complaints for the life of the project (i.e. construction and operation): a) a telephone number on which complaints about construction and operational activities at the site may be registered;	<b>From previous audit:</b> CEMP & associated plans - on website. CEMP Rev 2.5 >> found compliant in previous audits (Audit 3).  <b>New evidence from this audit:</b> <u>Complaints register</u> TALLAB-EA-10111-AQA030-0001 - Complaints Register (updated monthly) Complaints register update - updated on 10 Aug, loaded onto website by 17 Aug. Website <a href="https://www.energyaustralia.com.au/about-us/energy-generation/energy-projects/tallawarra-b-project">https://www.energyaustralia.com.au/about-us/energy-generation/energy-projects/tallawarra-b-project</a>	The project website provides the Complaints Register which, at the time of checking 26Sep23, appears to be up to date up to and including August 2023. The Complaints Handling Procedure is set out in the Community Consultation Program component of the EMS. The Community Notifications section on the website clearly specifies the contact details (phone + email address) for the community to provide their concerns to the project team.  Documents and information all appear to be up to date, with regular review process clearly denoted in document control sections.	Compliant
	b) a postal address to which written complaints may be sent; and	<b>From previous audit:</b> CEMP & associated plans - on website. CEMP Rev 2.5 >> found compliant in previous audits (Audit 3).  <b>New evidence from this audit:</b> <u>Complaints register</u> TALLAB-EA-10111-AQA030-0001 - Complaints Register (updated monthly) Complaints register update - updated on 10 Aug, loaded onto website by 17 Aug. Website <a href="https://www.energyaustralia.com.au/about-us/energy-generation/energy-projects/tallawarra-b-project">https://www.energyaustralia.com.au/about-us/energy-generation/energy-projects/tallawarra-b-project</a>	Postal address for complaints is clearly stated in CCP para 7.3 and clearly published on the project webpage alongside the phone number and email address, as per the CCP procedure.	Compliant

Condition Number	Requirement	Evidence Used	Findings and Recommendations	Compliance Status
	<p>c) an email address to which electronic complaints may be transmitted. The telephone number, the postal address and the email address shall be displayed on a sign near the entrance to the site, in a position that is clearly visible to the public, and which clearly indicates the purpose of the sign. The telephone number, postal address and email address shall be published in a newspaper circulating in the local area prior to the commencement of construction of the project and prior to the commencement of operation. The details shall also be provided on the website required by condition 6.4 of this approval.</p>	<p>Project website: <a href="https://www.energyaustralia.com.au/about-us/energy-generation/energy-projects/tallawarra-b-project">https://www.energyaustralia.com.au/about-us/energy-generation/energy-projects/tallawarra-b-project</a></p> <p>CEMP Rev 2.5 and CCP Rev 2.4.</p> <p>TALLAB-GECL-10111-ABD080-0014 - Independent Audit GECL Supporting Records - 6.2 Road Consent. Audit 3 - Mar 2023. Issued to EA on 31/03/23 Transmittal No. GECL-TRN-000910 Newspaper publication of details covered in last audit.</p> <p>Site inspection.</p>	<p>- Email address for complaints is clearly stated in CCP para 7.3 and clearly published on the project webpage alongside the phone number and postal address, as per the CCP procedure.</p> <p>- All contact details = telephone number + postal address + email address</p> <p>- Road sign near the entrance with all contact details sighted.</p> <p>- Newspaper publication of all contact details prior to operation not yet done but will be.</p>	Compliant
6.3 COMPLAINTS PROCEDURE	<p>The Proponent shall record details of all complaints received through the means listed under condition 6.2 of this approval in an up-to-date Complaints Register. The Register shall record, but not necessarily be limited to:</p> <p>a) the date and time of the complaint;</p>	<p>CEMP &amp; associated plans - on website. CEMP Rev 2.5 &gt;&gt; found compliant in previous audits (Audit 3).</p> <p><u>Complaints register</u></p> <p>TALLAB-EA-10111-AQA030-0001 - Complaints Register (updated monthly)</p> <p>Complaints register update - updated on 10 Aug, loaded onto website by 17 Aug.</p> <p>Website <a href="https://www.energyaustralia.com.au/about-us/energy-generation/energy-projects/tallawarra-b-project">https://www.energyaustralia.com.au/about-us/energy-generation/energy-projects/tallawarra-b-project</a></p>	<p>The Complaints register published on the project website is up to date and complete with all required information, and more.</p>	Compliant
	<p>b) the means by which the complaint was made (telephone, mail or email);</p>			
	<p>c) any personal details of the complainant that were provided, or if no details were provided, a note to that effect;</p>			
	<p>d) the nature of the complaint;</p>			
	<p>e) any action(s) taken by the Proponent in relation to the complaint, including any follow-up contact with the complainant; and</p>			
	<p>f) if no action was taken by the Proponent in relation to the complaint, the reason(s) why no action was taken.</p> <p>The Complaints Register shall be made available for inspection by the Secretary upon request. The Complaints Register for the project may be incorporated into an existing complaints handling system managed by the Proponent if it is demonstrated to meet the requirements of condition 6.3.</p>			

Condition Number	Requirement	Evidence Used	Findings and Recommendations	Compliance Status
6.4 ACCESS TO INFORMATION	<p>Before the commencement of construction until the completion of all rehabilitation required under this approval, the Proponent must:</p> <p>a) make the following information and documents (as they are obtained, approved or as otherwise stipulated within the conditions of this approval) publicly available on its website:</p> <ul style="list-style-type: none"> <li>• The EIS;</li> <li>• All current statutory approvals for the project;</li> <li>• All approved strategies, plans and programs required under the conditions of this approval;</li> <li>• The proposed staging plans for the project if the construction, operation or decommissioning of the project is to be staged;</li> <li>• Regular reporting on the environmental performance of the project in accordance with the reporting requirements in any plans or programs approved under the conditions of this approval;</li> <li>• A comprehensive summary of the monitoring results of the project, reported in accordance with the specifications in any conditions of this approval, or any approved plans and programs;</li> <li>• A summary of the current phase and progress of the project;</li> <li>• Contact details to enquire about the development or to make a complaint;</li> <li>• A complaints register, updated monthly;</li> <li>• The Annual Reviews of the project;</li> <li>• Audit reports prepared as part of any Independent Environmental Audit of the project and the Proponent's response to the recommendations in any audit report;</li> <li>• Any other matter required by the Secretary; and</li> </ul>	<p><b>New evidence from this audit:</b>  <a href="https://www.energyaustralia.com.au/about-us/energy-generation/energy-projects/tallawarra-b-project">https://www.energyaustralia.com.au/about-us/energy-generation/energy-projects/tallawarra-b-project</a>  Note, 'a complaints register, updated monthly'; is required,</p>	<p>Project website <a href="https://www.energyaustralia.com.au/about-us/what-we-do/new-energy-projects/tallawarra-b-project">https://www.energyaustralia.com.au/about-us/what-we-do/new-energy-projects/tallawarra-b-project</a> provides the following information:  <a href="#">Project fact sheets &amp; FAQ</a>  <a href="#">Media Releases</a>  <a href="#">Development Consent</a>  Original approval from Min of Planning dd 21 Dec 2010  <a href="#">Modifications to development consent</a>  Includes applications, Secretary assessments and modified approvals for MOD1 and MOD2  <a href="#">Regulatory and approvals</a>  Environmental Assessment documentation including submissions report.  <a href="#">Regulatory and approval documents post-development consent</a>  A;; management plans and subplans (e.g. EMS, CEMP, Aboriginal Cultural Heritage, Flora &amp; Fauna, Noise and Air Quality, Soil &amp; Water Mgt, Traffic Management, Waste Management), Complaints Register and all successive Independent Environmental Audit Reports and the proponents' responses to the audit findings for each.  <a href="#">Community Notifications</a>  Up to date community information, including update on imminent testing and commissioning. Also clearly provides contact details (phone number and email address) for concerns. Provides alert, permits and explanations for planned OOHW.</p> <p>Documentation appears to be up to date, including the Complaints Register which, as at 26 Sep 22, covers all months from</p>	Compliant



Condition Number	Requirement	Evidence Used	Findings and Recommendations	Compliance Status
	b) keep such information up to date, to the satisfaction of the Secretary.	<b>New evidence from this audit:</b> <a href="https://www.energyaustralia.com.au/about-us/energy-generation/energy-projects/tallawarra-b-project">https://www.energyaustralia.com.au/about-us/energy-generation/energy-projects/tallawarra-b-project</a> Note, 'a complaints register, updated monthly'; is required,	As noted before, the evidence suggests that the information and documentation published on the project website is complete, correct and up-to-date. There is no evidence of the Secretary's dissatisfaction with this condition.	Compliant
6.5 COMMUNITY CONSULTATION	At least one month prior to the commencement of construction of the project, or within such a period otherwise agreed by the Secretary, the Proponent shall prepare and implement a Community Consultation Program. The program shall be ongoing throughout the construction phase of the project and for at least the first 12 months of operation. The program shall include, but not necessarily be limited to: a)The general types of information on the timing, progress, construction, operation and environmental management of the project;	CCP published on the project website.	The CCP which has been audited and found compliant in previous IE audits has evidence of regular 6-monthly reviews in the document control panel of the plan, implying the plan is kept up to date and current.	Compliant
	b)The means by which the information would be provided to the community (for example, presented at regular meetings, published in regular newsletters etc);	CCP published on the project website.	CCP section 7.1 clearly states that "The community, user groups and stakeholders will be kept informed via the project website, social media, email/written notifications, presentations and meetings..."	Compliant
	c)The spatial extent of the community to be consulted; and		CCP section 5 clearly defines "...The spatial extent of the community that has been and will continue to be consulted covers the Shellharbour City Council and Wollongong City Council local government areas, which incorporates the adjacent suburbs of Dapto, Koonawarra and Haywards Bay..."	Compliant
	d)A mechanism through which the community can provide feedback to the Proponent in relation to the environmental management and impacts of the development. The Program shall be submitted for the approval of the Secretary, prior to the commencement of construction of the development.		CCP section 7.3 states "... EnergyAustralia will ensure that the following are available for community complaints for the life of the project (i.e. construction, commissioning and operation):... telephone number ... postal address ... email address..."	Compliant
7. ENVIRONMENTAL MANAGEMENT				



Condition Number	Requirement	Evidence Used	Findings and Recommendations	Compliance Status
7.1 ENVIRONMENTAL REPRESENTATIVE	At least one month prior to the commencement of any site preparation and/or construction activities, or as otherwise agreed by the Secretary, the Proponent shall nominate for the approval of the Secretary a suitably qualified and experienced Environmental Representative(s) independent of the design and construction personnel. The Proponent shall engage the Environmental Representative(s) during all construction activities, or as otherwise agreed by the Secretary. The Environmental Representative(s) shall be the Proponent's principal point of advice in relation to the environmental performance of the project and shall have responsibility for: a) <del>o</del> verseeing the implementation of all construction environmental management plans and monitoring programs required under this approval, and advise the Proponent upon the achievement of these plans/programs;	ER REPORTS Evidence of submission to DPE	<p>- MONTHLY ER REPORTS for 7 months from May-Aug: inspections are regular, have a consistent format and appear to be comprehensive and to address particular activities pertinent to the month reported. These reports are consistently delivered by the same provider ensuring continuity of advice, and they have consistently reported "no non-compliances, no incidents and no complaints" for this period.</p> <p>EVIDENCE OF SUBMISSION TO DPE is available for each monthly report, as is the DPE's acknowledgement of receipt and each report's conclusions.</p>	Compliant
	b) <del>o</del> nsidering and advising the Proponent on its compliance obligations against all matters specified in the conditions of this approval and the Statement of Commitments as referred to under condition 1.1c) of this approval, and permits and licences; and			Compliant
	c) <del>o</del> having the authority and independence to recommend to the Proponent reasonable steps to be taken to avoid or minimise unintended or adverse environmental impacts, and, failing the effectiveness of such steps, to recommend to the Proponent that relevant activities are to be ceased as soon as reasonably practicable if there is a significant risk that an adverse impact on the environment will be likely to occur.			Compliant
	The Proponent shall prepare a Construction Environmental Management Plan (CEMP) to outline environmental management practices and procedures to be followed during construction of the project. The CEMP shall be consistent with the Guideline for the Preparation of Environmental Management Plans (Department of Infrastructure, Planning and Natural Resources, 2004), or its latest version, and shall include, but not necessarily be limited to: a) a description of all activities to be undertaken on the site during construction including an indication of stages of construction;	CEMP Rev 2.5 and associated plans - on website. CEMP Rev 2.5 >> found compliant in previous audits (Audit 3).	CEMP Rev 2.5 has been found compliant in previous audits (Audit 3).	Compliant

Condition Number	Requirement	Evidence Used	Findings and Recommendations	Compliance Status
7.2 CONSTRUCTION ENVIRONMENTAL MANAGEMENT PLAN	b) statutory and other obligations that the Proponent is required to fulfil prior to and during construction including all approvals, consultations and agreements required from authorities and other stakeholders, and key legislation and policies;	CEMP Rev 2.5 and associated plans - on website. CEMP Rev 2.5 >> found compliant in previous audits (Audit 3).	CEMP Rev 2.5 has been found compliant in previous audits (Audit 3).	Compliant
	c) details of how the environmental performance of the construction works will be monitored, and what actions will be taken to address identified potential adverse environmental impacts. In particular, the following environmental performance issues shall be addressed in the Plan - i) measures to monitor and manage dust emissions in consultation with the EPA, ii) measures, prepared in consultation with Wollongong City Council, to reduce the visual impacts of the project, including landscape plans illustrating the proposed landscape planting and any embankment works, iii) measures, prepared in consultation with Wollongong City Council, for managing and reducing potential flooding; and	CEMP Rev 2.5 and associated plans - on website. CEMP Rev 2.5 >> found compliant in previous audits (Audit 3).	CEMP Rev 2.5 has been found compliant in previous audits (Audit 3).	Compliant
	d) electricity transmission route alignment sheets identifying the exact location of the proposed transmission lines and the location of any threatened species, threatened species habitat and Aboriginal objects in the vicinity;	CEMP Rev 2.5 and associated plans - on website. CEMP Rev 2.5 >> found compliant in previous audits (Audit 3).	CEMP Rev 2.5 has been found compliant in previous audits (Audit 3).	Compliant
	e) a description of the roles and responsibilities for key personnel involved in the construction of the project;	CEMP Rev 2.5 and associated plans - on website. CEMP Rev 2.5 >> found compliant in previous audits (Audit 3).	CEMP Rev 2.5 has been found compliant in previous audits (Audit 3).	Compliant
	f) the issue-specific management plans required under condition 7.3 of this approval; and	CEMP Rev 2.5 and associated plans - on website. CEMP Rev 2.5 >> found compliant in previous audits (Audit 3).	CEMP Rev 2.5 has been found compliant in previous audits (Audit 3).	Compliant
	g) complaints handling procedures during construction consistent with condition 6.2 of this approval.  The Plan shall be submitted for the approval of the Secretary no later than one month prior to the commencement of any construction works associated with the project, or within such period otherwise agreed by the Secretary. Construction works shall not commence until written approval has been received from the Secretary.	CEMP Rev 2.5 and associated plans - on website. CEMP Rev 2.5 >> found compliant in previous audits (Audit 3).	CEMP Rev 2.5 has been found compliant in previous audits (Audit 3).	Compliant

Condition Number	Requirement	Evidence Used	Findings and Recommendations	Compliance Status
	The Proponent must implement the approved CEMP for the project.	<p>TMP INDUCTION contains pre-start safety briefing records and an environmental training log.</p> <p>ENVIRO INSPECTIONS contains weekly enviro inspection reports for the period 14Apr23-17Aug23.</p> <p>NOISE MONITORING contains 4 monhtly noise monitoring reports by SLR Consulting Australia for the period Apr23-Jul23.</p> <p>OOHW APPLICATIONS contains three OOHw authorisation permits with application dates of 05Apr23, 19May23 and 08Aug23.</p> <p>WASTE GENERATION contains one (1) sustainability report dd 25Aug23 detailing the total amount of waste in each category generated in the month ending 25/08/23.</p> <p>WASTE contains a Waste Register .xls spreadsheet that contains detailed information about waste generated in each category for each month starting Nov21 up to and including Aug23.</p> <p>PROGRESS REPORTS contains one copy of a monthly progress report for 26Jul-25Aug23.</p> <p>site inspection</p>	<p>Sighted 7 samples of pre-start safety briefings by Clough for the period 18-28Jul23 of which 3 were mostly, but not fully, completed. Sighted a spreadsheet with a completion log of training for Water Management, Waste &amp; Material Management and Module 6- Environmental for 350 individuals with completion dates ranging from 01Apr23-05Sep23.</p> <p>Weekly enviro inspections appear to be comprehensive, diligently completed and consistently acted upon.</p> <p>Monthly noise monitoring results appears to be comprehensive and diligently completed.</p> <p>OOHW permits appear to be comprehensive and diligently completed.</p> <p>The waste register appears to be very detailed, comprehensive and diligently maintained. The sustainability report looks like a very meagre summary of this register. Waste classification reports sighted.</p> <p>The Monthly Progress Report includes a section for Environmental Performance and Approvals where specific reference is made to continuous CEMP review, fortnightly inspections and which reports on each CEMP sub-plan individually.</p> <p>Traffic and truck management in order.</p> <p>Site is kept neat and tidy.</p>	Compliant

Condition Number	Requirement	Evidence Used	Findings and Recommendations	Compliance Status
	<p>As part of the CEMP for the project, required under condition 7.2 of this approval, the Proponent shall prepare and implement the following:</p> <p>a) <b>Noise Management Plan</b> to detail measures to mitigate and manage noise during construction works, consistent with the Interim Construction Noise Guideline (Department of Environment and Climate Change, 2009), or its latest version. The Plan shall include, but not necessarily be limited to -</p> <p>i) procedures to ensure that all reasonable noise mitigation measures are applied during construction works,</p> <p>ii) details of construction activities (including construction traffic) and equipment that have the potential to generate noise and/or vibration impacts on sensitive receivers,</p> <p>iii) the construction noise and vibration objectives for the project and all reasonable and feasible noise and vibration mitigation measures that will be implemented to control construction noise and vibration impacts, particularly where the objectives are predicted to be exceeded,</p> <p>iv) procedures for assessing noise levels at sensitive receivers and compliance, and v) procedures for notifying sensitive receivers of construction activities that are likely to affect their noise and vibration amenity;</p>	<p>CEMP Rev 2.5 and associated plans - on website. CEMP Rev 2.5 &gt;&gt; found compliant in previous audits (Audit 3)</p> <p>Noise and Air Quality Management Sub-Plan MP 07_0124, Rev 2.4 dd 20/04/2022</p> <p>IEA Audit 3 Schedule and Report</p>	<p>- CEMP Rev 2.5 is compliant (IEA Audit 3)</p> <p>- Sub-Plan prepared in accordance with "...NSW Interim Construction Noise Guideline (DECC, 2009), or its latest version..." (para 2.2);</p> <p>- Rev 2.3 of this sub-plan was audited and found compliant in prior audit IEA Audit 3;</p> <p>- Rev 2.4 concerns "Minor Amendment" according to the document's Document Control Record;</p>	Compliant
	<p>b) <b>Traffic Management Plan</b> prepared in consultation with TfNSW, Wollongong City Council and emergency services to manage the construction traffic and access impacts of the project including, but not necessarily limited to -</p> <p>i) details of how construction of project infrastructure will be managed in proximity to local and regional roads,</p> <p>ii) details of traffic routes for heavy vehicles, including any necessary route or timing restrictions for oversized loads,</p> <p>iii) construction vehicle volumes (construction personnel, heavy vehicle movements and oversized loads),</p> <p>iv) measures to ensure traffic volume, acoustic and amenity impacts along construction vehicle routes are minimised,</p> <p>v) details of construction activities that would require disruption to traffic such as road closures and measures to minimise impacts,</p> <p>vi) <b>Construction Vehicle Code of Conduct</b> to set driver behaviour controls to minimise impacts on land uses along haulage routes, and</p> <p>vii) evidence that all statutory responsibilities with regard to road traffic impacts have been complied with;</p>	<p>CEMP Rev 2.5 and associated plans - on website. CEMP Rev 2.5 &gt;&gt; found compliant in previous audits (Audit 3)</p> <p>Traffic Management Sub-Plan MP 07_0124, Rev 2.4 dd 20/04/2022</p> <p>IEA Audit 3 Schedule and Report</p>	<p>- CEMP Rev 2.5 is compliant (IEA Audit 3)</p> <p>- Rev 2.3 of this sub-plan was audited and found compliant in prior audit IEA Audit 3;</p> <p>- Rev 2.4 concerns "Minor amendments in section 3.3.4 Road Dilapidation" according to the document's Document Control Record;</p>	Compliant

Condition Number	Requirement	Evidence Used	Findings and Recommendations	Compliance Status
7.3 CONSTRUCTION ENVIRONMENTAL MANAGEMENT PLAN	<p>c) <b>Flora and Fauna Management Plan</b> to manage flora and fauna impacts during construction in consultation with the BCS. The Plan shall include, but not necessarily be limited to:</p> <p>i) Details of all impacted and potentially affected threatened flora and fauna species (including ecological communities) and specific management procedures for each of these species,</p> <p>ii) General management procedures for both the removal of redundant transmission lines and construction of new transmission lines within vegetated areas, including the procedures for clearing vegetation and minimising the extent of clearing, weed management and the rehabilitation of any disturbed vegetation, and</p> <p>iii) Proposed revegetation and rehabilitation measures, including completion criteria and monitoring, for any cleared areas, offset areas, and riparian zones along Yallah Creek;</p>	<p>CEMP Rev 2.5 and associated plans - on website. CEMP Rev 2.5 &gt;&gt; found compliant in previous audits (Audit 3)</p> <p>Flora and Fauna Management Sub-Plan MP 07_0124, Rev 2.5 dd 21/04/2022</p> <p>IEA Audit 3 Schedule and Report</p>	<p>- CEMP Rev 2.5 is compliant (IEA Audit 3)</p> <p>- Rev 2.4 of this sub-plan was audited and found compliant in prior audit IEA Audit 3;</p> <p>- Rev 2.5 concerns "Minor amendments" according to the document's Document Control Record.</p>	Compliant
	<p>d) <b>Soil and Water Management Plan</b> prepared in consultation with the DPIE Water, EPA and Wollongong City Council to detail measures to mitigate and manage soil erosion and the discharge of sediment and other pollutants to land and/or water during construction. The Plan must include, but not necessarily be limited to:</p> <p>a) Identification of the construction activities that could cause soil erosion or discharge sediment or water pollutants from the site,</p> <p>b) A description of the management methods to minimise soil erosion or discharge of sediment or water pollutants from the site, including a strategy to minimise the area of bare surfaces and stabilise disturbed areas, and plan drawings showing the locations for sediment and erosion control measures,</p> <p>c) Demonstration that the proposed erosion and sediment control measures will conform with, or exceed, the relevant requirements of Managing Urban Stormwater: Soils and Construction (Landcom, 2004),</p> <p>d) Details on the installation, monitoring and maintenance requirements for each of the recommended measures for erosion and sediment control,</p> <p>e) Details of stormwater overflow paths and measures for managing overflows,</p> <p>f) Detailed drawings of any engineering structures such as sediment and evaporation ponds, including design standards and management regimes; and</p>	<p>CEMP Rev 2.5 and associated plans - on website. CEMP Rev 2.5 &gt;&gt; found compliant in previous audits (Audit 3)</p> <p>Soil and Water Management Sub-Plan MP 07_0124, Rev 2.6 dd 20/04/2022</p> <p>IEA Audit 3 Schedule and Report</p>	<p>- CEMP Rev 2.5 is compliant (IEA Audit 3)</p> <p>- Rev 2.5 of this sub-plan was audited and found compliant in prior audit IEA Audit 3;</p> <p>- Rev 2.6 concerns "Minor amendments" according to the document's Document Control Record.</p>	Compliant

Condition Number	Requirement	Evidence Used	Findings and Recommendations	Compliance Status
	<p>e) <b>Aboriginal Cultural Heritage Management Plan</b> to manage potential Aboriginal cultural heritage impacts during construction in consultation with Heritage NSW. The Plan shall include, but not necessarily be limited to:</p> <p>i) Procedures for the management of any recorded sites within the project area including those required under condition 3.54 of this approval,</p> <p>ii) An Aboriginal Cultural Education Program for the induction of personnel and contractors involved in the construction of the project,</p> <p>iii) Details of proposed further archaeological investigations and/or salvage projects prior to impact as required under condition 3.56 of this approval,</p> <p>iv) Identification and management of previously unrecorded sties,</p> <p>v) Details of an appropriate keeping place agreement with local Aboriginal community representatives for any Aboriginal objects salvaged through the development process, and</p> <p>vi) Procedures for ongoing Aboriginal consultation and involvement.</p>	<p>CEMP Rev 2.5 and associated plans - on website. CEMP Rev 2.5 &gt;&gt; found compliant in previous audits (Audit 3)</p> <p>Aboriginal Cultural Heritage Management Sub-Plan MP 07_0124, Rev 1.6 dd 06/06/2022</p> <p>IEA Audit 3 Schedule and Report</p>	<p>- CEMP Rev 2.5 is compliant (IEA Audit 3)</p> <p>- Rev 1.5 of this sub-plan was audited and found compliant in prior audit IEA Audit 3;</p> <p>- Rev 1.6 concerns "Minor amendments" according to the document's Document Control Record.</p>	Compliant



Condition Number	Requirement	Evidence Used	Findings and Recommendations	Compliance Status
7.4 OPERATION ENVIRONMENTAL	<p>The Proponent shall prepare an Operation Environmental Management Plan (OEMP) to detail an environmental management framework and the practices and procedures to be followed during operation of the project. The Plan shall be consistent with Guideline for the Preparation of Environmental Management Plans (Department of Infrastructure, Planning and Natural Resources, 2004), or its latest version, and shall include, but not necessarily be limited to:</p> <p>a) Identification of all relevant statutory and other obligations that the Proponent is required to fulfil in relation to operation of the project, including all relevant approvals, licences, and permits;</p>	<p>Operational Environmental Management Plan REF 523227, Rev 01 dd 23/08/23.</p> <p>Email from EPA to EA dd 05Jul23 "EPA Comments on Draft Operational Environmental Management Plan - Energy Australia - Tallawarra Power Station - EPL 555" .</p>	<p>- The OEMP section 1.4 states that "... The OEMP has been prepared to be consistent with the Environmental Management Plan Guideline (DPIE, 2020)...";</p> <p>- The OEMP section 3.4 sets out legal compliance requirements; Appendix A provides a cross-reference of relevant compliance requirements and Appendix C provides a legal compliance table;</p> <p>- EPA has approved the OEMP.</p>	Compliant
	<p>b) Overall environmental policies, guidelines and principles to be applied to the operation of the project;</p>	<p>Operational Environmental Management Plan REF 523227, Rev 01 dd 23/08/23.</p> <p>Email from EPA to EA dd 05Jul23 "EPA Comments on Draft Operational Environmental Management Plan - Energy Australia - Tallawarra Power Station - EPL 555" .</p>	<p>- The OEMP section 3.1 states that "... This OEMP reflects the principles of EnergyAustralia's corporate ISO14001 Environmental Management System....";</p> <p>- Appendix B provides a copy of EnergyAustralia's HSSE Policy; and</p> <p>- Section 5 sets out environmental monitoring plans.</p> <p>- EPA has approved the OEMP.</p>	Compliant
	<p>c) relevant standards to be applied to the project and details of how the environmental performance of the operation of the project will be monitored and managed to meet the standards. Environmental performance issues shall include, but not be limited to –</p> <p>i) Measures to monitor and maintain offset measures implemented in accordance with condition 3.41 of this approval,</p> <p>ii) Methods to monitor and maintain revegetated areas (including riparian areas) during the establishment phase and long term,</p> <p>iii) Ongoing measures to monitor and control the spread of weeds,</p> <p>iv) Ongoing measures to control soil erosion and sedimentation;</p> <p>v) Water management plan, prepared in consultation with the EPA, identifying clean water and dirty water (i.e. waste water streams) areas on site maps, waste water volumes, sources and pollutants, and details of the water management measures to be implemented to manage the specific pollutant streams and clean water runoff,</p> <p>vi) Procedures for planned and unplanned water discharges from the site, and</p> <p>vii) Emergency response procedures in the event of flooding;</p>	<p>Operational Environmental Management Plan REF 523227, Rev 01 dd 23/08/23.</p> <p>Email from EPA to EA dd 05Jul23 "EPA Comments on Draft Operational Environmental Management Plan - Energy Australia - Tallawarra Power Station - EPL 555" .</p>	<p>- The OEMP section 3.5 sets out the standard and guidelines governing this OEMP;</p> <p>- The OEMP section 5 sets out environmental monitoring plans;</p> <p>- The OEMP section 5.6.7 sets out environmental management measures; and</p> <p>- The OEMP Appendix D section 4 includes the measures to monitor and maintain offset measures.</p> <p>- EPA has approved the OEMP.</p>	Compliant



Condition Number	Requirement	Evidence Used	Findings and Recommendations	Compliance Status
ENVIRONMENTAL MANAGEMENT PLAN	d) a description of the roles and responsibilities for all relevant employees involved in the operation of the project;	Operational Environmental Management Plan REF 523227, Rev 01 dd 23/08/23.  Email from EPA to EA dd 05Jul23 "EPA Comments on Draft Operational Environmental Management Plan - Energy Australia - Tallawarra Power Station - EPL 555".	- The OEMP section 3.3 sets out the roles and responsibilities of key personnel involved in the environmental management of the project;  - EPA has approved the OEMP.	Compliant
	e) a means by which environmental performance can be periodically reviewed and improved, where appropriate and what actions will be taken to address identified potential adverse environmental impacts;	Operational Environmental Management Plan REF 523227, Rev 01 dd 23/08/23.  Email from EPA to EA dd 05Jul23 "EPA Comments on Draft Operational Environmental Management Plan - Energy Australia - Tallawarra Power Station - EPL 555" .	- The OEMP section 3.10 and 3.12 set out "...means by which environmental performance can be periodically reviewed and improved, where appropriate and what actions will be taken to address identified potential adverse environmental impacts.."; - The OEMP section 3.10 outlines site inspections; and - The OEMP section 3.11 outlines the review and lodgment process.  - EPA has approved the OEMP.	Compliant
	g) management policies to ensure that environmental performance goals are met and to comply with the conditions of this approval; and	Operational Environmental Management Plan REF 523227, Rev 01 dd 23/08/23.  Email from EPA to EA dd 05Jul23 "EPA Comments on Draft Operational Environmental Management Plan - Energy Australia - Tallawarra Power Station - EPL 555" .	- The OEMP section 5 sets out environmental monitoring plans "...designed to comply with regulatory requirements and the Project Approval and provide an ongoing analysis of the condition of the environment during operation...";  - EPA has approved the OEMP.	Compliant
	h) the environmental monitoring requirements outlined under conditions 4.5 to 4.14 of this approval, inclusive. The Plan shall be submitted for the approval of the Secretary no later than one month prior to the commencement of operation of the project, or within such period otherwise agreed by the Secretary. Operation shall not commence until written approval has been received from the Secretary.  The Proponent must implement the approved OEMP for the project.	Operational Environmental Management Plan REF 523227, Rev 01 dd 23/08/23.  Email from EPA to EA dd 05Jul23 "EPA Comments on Draft Operational Environmental Management Plan - Energy Australia - Tallawarra Power Station - EPL 555" .  <b>Evidence requested not yet available:</b> Evidence of submission to Secretary Approval from Secretary	- EPA email dd 05Jul23 confirms "The EPA are in agreement with EnergyAustralia's proposed OEMP and offer no further comments.... Please consider this email EPA's formal response, thus satisfying the Minister's Conditions of Approval and Condition E6.1 of EPL 555";  - Rev 01 includes updates following said EPA review;  - The OEMP section 1.4 states that "... This OEMP will be submitted for the approval of the Secretary of the Department of Planning and Environment (the Secretary) no later than one month prior to the commencement of operation of Unit 2 power station, or within such period otherwise agreed by the Secretary. Operation will not commence until written approval has been received from the Secretary...";	Not Triggered

Condition Number	Requirement	Evidence Used	Findings and Recommendations	Compliance Status
7.5 OPERATION ENVIRONMENTAL MANAGEMENT PLAN	<p>a) an Air Quality Management Plan in consultation with the EPA to outline measures to manage impacts from the project on local and regional air quality. The Plan shall include, but not necessarily be limited to -</p> <p>i) <del>Identification</del> of all major sources of particulate and gaseous air pollutants that may be emitted from the project, being both point-source and diffuse emissions, including identification of the major components and quantities of these emissions,</p> <p>ii) <del>Monitoring</del> for gaseous and particulate emissions from the project,</p> <p>iii) <del>Procedures</del> for the minimisation of gaseous and particulate emissions from the project, including pro-active and reactive management and response mechanisms, with specific reference to measures to be implemented and actions to be taken to minimise and prevent potential elevated air quality impacts on surrounding land uses as a consequence of meteorological conditions, upsets within the project, or the mode of operation of the project at any time,</p> <p>iv) <del>Specific procedures</del> for the management of generating efficiency and the minimisation of greenhouse gas emissions per unit of electricity generated,</p> <p>v) <del>Procedures</del> aimed at maximising the efficiency of the start-up and shut-down cycles for the project,</p> <p>vi) <del>Provision</del> for regular review of air quality monitoring data, with comparison of results against the predictions made in the document listed under condition 1.1c) of this approval,</p> <p>vii) <del>Plans</del> for regular maintenance of process equipment to minimise the potential for leaks and fugitive emissions, and</p> <p>viii) <del>A contingency plan should an incident, process upset or other initiating</del></p>	<p><b>Evidence requested not yet available:</b>  Air Quality Plan w/relevant info - The draft version of this is in the OEMP  Evidence of consultation with DPE</p>	<p>- Whereas The OEMP has been drafted and approved by The EPA, the OEMP is yet to be submitted to DPE for approval to permit the commencement of operations. Until such time, this condition is not triggered.</p>	Not Triggered
	<p>b) a Noise Management Plan in consultation with the EPA to detail measures to mitigate and manage noise during operation of the project. The Plan shall include, but not necessarily be limited to -</p> <p>i) <del>Identification</del> of the noise limits specified under this approval,</p> <p>ii) <del>Identification</del> of operational activities that will be carried out and the associated noise sources,</p> <p>iii) <del>Details</del> of all management methods, procedures and mitigation measures that will be implemented to control individual and overall noise emissions from the site during operation,</p> <p>iv) <del>Procedures</del> for periodic consideration of noise impacts against the noise limits specified under this approval,</p> <p>v) <del>Noise monitoring</del> and reporting procedures, and</p> <p>vi) <del>Procedures</del> to generate suitable documentation for annual environmental auditing, that demonstrates that the noise limits specified under this approval are being met.</p>	<p><b>Evidence requested not yet available:</b>  Noise Management Plan w/relevant info  Evidence of consultation with DPE</p>	<p>- Whereas The OEMP has been drafted and approved by The EPA, the OEMP is yet to be submitted to DPE for approval to permit the commencement of operations. Until such time, this condition is not triggered.</p>	Not Triggered
	<p>Prior to commencing construction, the Proponent must prepare an <b>Environmental Management Strategy</b> for the project to the satisfaction of the Secretary. This strategy must:</p> <p>a) provide the strategic framework for environmental management of the project;</p>	<p>TALLAB-EA-10111-AQB070-0006 - Environmental Management Strategy (EMS)  TALLAB-EA-10111-ACA140-0012 - Environmental Management Strategy (EMS) - Letter of Approval</p>	<p>The EMS was approved by Wayne Jones Team Leader - Post Approval DPIE, on 03/02/2022, letter sighted. The framework is provided in Section 3.2 &amp; 3.3.</p>	Compliant

Condition Number	Requirement	Evidence Used	Findings and Recommendations	Compliance Status
7.6 ENVIRONMENTAL MANAGEMENT STRATEGY	b) identify the statutory approvals that apply to the project;	TALLAB-EA-10111-AQB070-0006 - Environmental Management Strategy (EMS)	Contained in section 2.	Compliant
	c) describe the role, responsibility, authority and accountability of all key personnel involved in the environmental management o f the project;	TALLAB-EA-10111-AQB070-0006 - Environmental Management Strategy (EMS) roval	Organisation structure, resources and responsibilities is covered in Section 4	Compliant
	d) describe the procedures that would be implemented to: -Keep the local community and relevant agencies informed about the operation and environmental performance of the project; -Receive, handle, respond to, and record complaints; -Resolve any disputes that may arise; -Respond to any non-compliance; -Respond to emergencies; and	TALLAB-EA-10111-AQB070-0006 - Environmental Management Strategy (EMS)	Communication and community engagement and complaints mgt is covered in Section 6; Emergency preparedness and response is in Section 5. Monitoring, measurement, analysis, and evaluation is in Section 7, and this includes responding to n/cs	Compliant
	e) include:references to any strategies, plans and programs approved under the conditions of this approval; and -A clear plan depicting monitoring to be carried out under the conditions of this approval.	TALLAB-EA-10111-AQB070-0006 - Environmental Management Strategy (EMS) 'Construction monitoring commitment'	References to any strategies, plans and programs approved under the conditions of this approva is covered in Section 3 Monitoring, measurement, analysis, and evaluation is in Section 7, The 'Construction monitoring commitments' is a document the ENV has to keep on track on meeting their monitoring and record keeping commitments that appear in the sub plans. GC advised this has been turned into an " audit schedule" and has allowed the ENV team to share around the auditing with their line team	Compliant

Condition Number	Requirement	Evidence Used	Findings and Recommendations	Compliance Status
	Following the Secretary's approval, the Proponent must implement the Environmental Management Strategy.	<p>TALLAB-EA-10111-AQB070-0006 - Environmental Management Strategy (EMS)</p> <p>TALLAB-EA-10111-ACA140-0012 - Environmental Management Strategy (EMS) - Letter of Approval</p> <p><b>Evidence from this audit:</b></p> <p>TALLAB-GECL-10111-ABD080-0015 - Independent Audit</p> <p>GECL Supporting Records - 7.6 Progress Reports. Monthly Report No. 28 (August 2023) Issued to EA on 21/09/23. Transmittal No. GECL-TRN-001200.</p> <p>WEEKLY ENVIRO INSPECTIONS</p> <p>GECL ENVIRONMENTAL INDUCTION LOG 01/04/23-05/09/23</p> <p><b>Evidence from audit 3:</b></p> <p>Environmental Management Strategy (EMS)</p> <p>Training &amp; Induction records (GECL, EA, UGL)</p> <p>Checklists and other documentation evidencing implementation, e.g.</p> <p>'Construction monitoring commitment'</p> <p>Monitoring records, Checklists and other documentation evidencing implementation</p> <p>Incident register</p>	<p>- EMS and related documentation, including approval, demonstrates adequate planning and preparation. veg offset plan and ILALC's proposal as noted above are part of the implementation</p> <p>- GECL induction log shows ample focus on training on-site staff for this period. Evidence of induction records and induction content reviewed extensively during previous audits; construction nearing completion in this audit.</p> <p>- Weekly enviro inspections are comprehensive. Apart from the last report for this period, the completion of some checklist items could be improved.</p> <p>- Monthly Progress Report for 26/07/23-25Aug/23 includes "Environmental Performance &amp; Approvals" reports 5 "minor environmental incidents" under Environmental Performance and reports on EMS Implementation Performance, including separate reporting on all EMS sub-plans</p> <p>- the VOP is set out and being fenced. ILALC was onsite during the site inspection doing weed control, set out and planting. There is a briefing note with DPE regarding the long term protection of the site</p>	Compliant
7.7 REVISION OF STRATEGIES, PLANS AND PROGRAMS	Within 3 months, unless the Secretary agrees otherwise, of: a) the submission of an incident report under condition 5.1 of this approval;	<p><b>Evidence from this audit:</b></p> <p>Anecdotal advice from EA: no incidents.</p>	- No incidents reported.	Not Triggered
	b) the submission of an Independent Environmental Audit report under condition 5.11 of this approval;	<p>From project website:</p> <p>IEA Audit Reports 1, 2 and 3 + Proponents Response to Audit Recommendations of each.</p> <p>Tallawarra-B-CCP-Version-1.4 on website, dated 23-03-2023 with updates following 6 mthly review (Revised CCP (Rev 1.4, dated 23 March 2023)</p> <p>Letter from DPE dated 13/06/2023 .</p>	<p>- All IEA Audit Reports have been submitted on time as per statutory requirements</p> <p>- All IEA Report Audit Recommendations have been reviewed and addressed by Proponent, as per statutory requirements.</p> <p>Tallawarra-B-CCP-Version-1.4 on website, dated 23-03-2023 with updates following 6 mthly review</p> <p>- Most recent IEA Audit Report 3 had no Audit Recommendations.</p>	Compliant
	c) the approval of any modification to the conditions of this approval; or	Discussion/data from EA	- No modifications have been approved in this audit period.	Not Triggered
	d) a direction from the Secretary under condition 1.3 of this approval;	Discussion/data from EA	- No directions were issued by the Secretary in this audit period.	Not Triggered

Condition Number	Requirement	Evidence Used	Findings and Recommendations	Compliance Status
	<p>the Proponent must review and, if necessary, revise the studies, strategies or plans required under the conditions of approval to the satisfaction of the Secretary.</p> <p><b>Where this review leads to revisions in any such document, then within 4 weeks of the review the revised document must be submitted to the Secretary for approval, unless otherwise agreed with the Secretary.</b></p> <p>Note: This is to ensure the strategies, plans and programs are updated on a regular basis, and incorporate any recommended measures to improve the environmental performance of the project.</p>	<p>This is the condition... the above are the triggers.</p>	<p>- All IEA Audit Reports have been submitted on time as per statutory requirements</p> <p>- All IEA Report Audit Recommendations have been reviewed and addressed by Proponent, as per statutory requirements.</p> <p>- Most recent IEA Audit Report 3 had no Audit Recommendations, hence no revisions triggered.</p>	<p><b>Not Triggered</b></p>
7.8 UPDATING AND STAGING OF STUDIES, STRATEGIES AND PLANS	<p>To ensure the studies, strategies and plans for the project are updated on a regular basis and incorporate any required measures to improve the environmental performance of the project, the Proponent may submit revised studies, strategies or plans required for the project under the conditions of approval at any time. With the agreement of the Secretary, the Proponent may also submit any study, strategy or plan required under the conditions of this approval on a staged basis.</p> <p>The Secretary may approve a revised strategy or plan required under the conditions of approval, or the stage submission of these documents, at any time. With the approval of the Secretary, the Proponent may prepare the revised or staged strategy or plan without undertaking consultation with all parties nominated under the applicable condition in this approval.</p> <p>Notes:</p> <p>While any study, strategy or plan may be submitted on a progressive basis, the Proponent must ensure that the existing operations on site are covered by suitable studies, strategies or plans at all times.</p> <p>If the submission of any study, strategy or plan is to be staged, then the relevant study, strategy or plan must clearly describe the specific stage to which the study, strategy or plan applies, the relationship of this stage to any future stages, and the trigger for updating the study, strategy or plan.</p>	<p>Details of studies, strategies or plans required for the project under the conditions of approval that have been revised : Tallawarra-B-CCP-Version-1.4 on website, dated 23-03-2023 with updates following 6 mthly review (Revised CCP (Rev 1.4, dated 23 March 2023)</p> <p>Details of corres with DPE to have approval to update/approval of plan: Letter from DPE dated 13/06/2023 .</p>	<p>Revised CCP (Rev 1.4, dated 23 March 2023) sighted</p> <p>CCP letter of approval Community Consultation Program consistent with Schedule 2, Condition 6.5 of MP07_0124 from DPE dated 13/06/2023</p>	<p><b>Compliant</b></p>

## **Appendix D | Site Inspection Photographs**





Photo 1: Chemicals stored and banded - 1



Photo 2: Chemicals stored and banded - 2



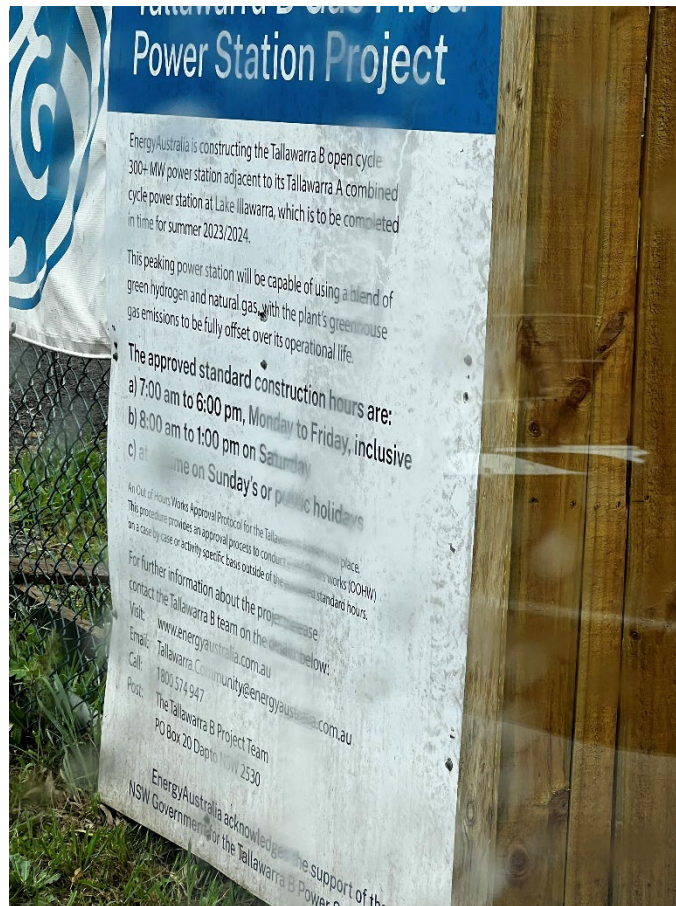


Photo 3: Site signage



Photo 4: Erosion and sediment controls in place and maintained





Photo 5: Planting underway in the offset area



Photo 6: EEC area excluded with flagging. Osprey nesting tower on LHS with exclusion area marked





Photo 7: Disturbed areas rehabilitated and stabilised



Photo 8: Area of the unexpected Aboriginal heritage find secured





Photo 9: Aboriginal artwork gifted to Talla B team



Photo 10: Stockpile areas with material classified and designated for beneficial reuse onsite





Photo 11: Pothole repair



Photo 12: Vehicular sentry point



Welcome to the Tallawarra B Power Station Construction Project.  
On arrival as a delivery driver, the following rules are to be observed:

### 1 Personal Protective Equipment

Personnel arriving on site must be wearing PPE as per the example.

- 1.1 Hard hat
- 1.2 Safety Glasses
- 1.3 Gloves (Level 5 Cut Resistant)
- 1.4 Steel capped lace up safety boots
- 1.5 Long Sleeve Pants and Shirt with reflective tape

### 2 Site Rules

- 2.1 Driver/Visitor to be breath tested upon arrival and to be always escorted on site
- 2.2 All Delivery Drivers must be signed onto this form upon arrival to site
- 2.3 Hazard lights and flashing beacons on whilst on site
- 2.4 NO Smoking on site
- 2.5 NO climbing onto truck / trailers at any time on site without authorisation
- 2.6 Driver is to only strap or unstrap and observe directions of site representative
- 2.7 The driver is not authorized to conduct any loading or unloading activities and will be told to stop and return to truck if attempting to unload.



**SITE DELIVERY HOURS – MONDAY TO FRIDAY 07:00 TO 16:30**

DELIVERIES WILL NOT BE ACCEPTED OUTSIDE THESE HOURS UNLESS PRE-ARRANGED

Delivery Team	Site UHF	Mobile Contact
Brett (Chook) Polzin	Channel 30	0433 960 412
Steve Brown	Channel 30	0412 005 697

In the case of an emergency, I will be escorted by the site delivery team to the nearest muster point.

I acknowledge that upon entry to site I will obey all the delivery drivers rules as stipulated above.

Delivery Driver Company	L&H.	
Driver Name	Richard Velthuis	
Phone Number	0417307181	
Date	11 Oct	Time: 1:10pm
Registration Number	DD 37 CZ	

Photo 13: Inductions for all vehicles accessing site



Photo 14: Emergency management duty allocations



Photo 15: Tallawarra B stack (LHS)





Photo 16: Air monitoring point

## **Appendix E | Consultation with Authorities**

**From:** Shireen Baguley <[shireen.baguley@watertech.com.au](mailto:shireen.baguley@watertech.com.au)>  
**Sent:** Tuesday, 3 October 2023 6:31 PM  
**To:** Georgia Dragicevic <[Georgia.Dragicevic@planning.nsw.gov.au](mailto:Georgia.Dragicevic@planning.nsw.gov.au)>  
**Subject:** 1313 Tallawarra Stage B Gas Turbine Power Station Project (07\_0124) Independent Environmental Audit Consultation

Dear Georgia

The purpose of this correspondence is to obtain the input of the NSW Department Planning and Environment into the scope of the Independent Environmental Audit Molino Stewart has been approved to undertake for the Tallawarra Stage B Gas Turbine Power Station Project (SSI application number 07\_0124) as per the Department of Planning, Industry and Environment DPIE approval dated 2010, and as modified in March 2016 and December 2020.

Please find attached a letter with further details and the schedule of audit conditions against which the audit will be conducted.

If the Department Planning, and Environment has any requirements it would like incorporated in the audit or particular parties or agencies that it recommends are included as part of the consultation component of this audit, it is requested that these parties and relevant contact details are disclosed to Molino Stewart in response to this letter by 14th October, 2023.

In addition, as this is the last scheduled construction audit, a question has arisen regarding compliance for those conditions which will remain 'not triggered' at the time of this audit. For this audit, the site inspection is scheduled for the 18<sup>th</sup> October, 2023 which is in accordance with the construction audit cadence for this project. EnergyAustralia has advised that commissioning is scheduled to commence at the end of October 2023. Given this, the timing of this audit will mean the commissioning conditions will be not triggered as at the 18<sup>th</sup> October and hence, their compliance status will not be considered. Further, this is expected to be the last construction audit as the commissioning and operations phases are anticipated to occur within the next 6 months. As such, EnergyAustralia has raised a question regarding how the Department would seek to confirm compliance with the commissioning and operations phase conditions of this project. If you could please let me know your thoughts so I can advise EnergyAustralia and assist them in planning any necessary action, that would be appreciated.

Kind regards

**Shireen Baguley**  
Principal

(My working days are Tuesday, Thursday, Friday)



Suite 3, Level 1, 20 Wentworth St,  
Sydney NSW 2000 Australia

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**From:** Georgia Dragicevic <[Georgia.Dragicevic@planning.nsw.gov.au](mailto:Georgia.Dragicevic@planning.nsw.gov.au)>  
**Sent:** Thursday, October 5, 2023 4:11 PM  
**To:** Shireen Baguley <[shireen.baguley@watertech.com.au](mailto:shireen.baguley@watertech.com.au)>  
**Subject:** RE: 1313 Tallawarra Stage B Gas Turbine Power Station Project (07\_0124) Independent Environmental Audit Consultation

**Network Overdrive Security Advisory**

**Warning:** Sender @[Georgia.Dragicevic@planning.nsw.gov.au](mailto:Georgia.Dragicevic@planning.nsw.gov.au) is not yet trusted by your organization.  
Please be careful before replying or clicking on the URLs.

[Report Phishing](#) [Mark it Safe](#)

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Caution: External Email.

Shireen,

Thank you for consulting the department on the upcoming IEA for Tallawarra Stage B Gas Turbine Power Station Project. In addition to the consent requirements, please look into the management of noise, dust, operating hours, truck movements, erosion and sediment, including dirt tracking onto public roads, community consultation and complaints management.

Thank you kindly,

Georgia

## **Appendix F | Declaration of Independence Form**



## Declaration of Independence Form - Auditor


Project Name	Tallawarra Stage B Gas Turbine Power Station Project
Consent number	MP07-0124
Description of Project	Undertake an initial independent audit to determine whether the Tallawarra B's post approval requirements relating to Conditions of Approval (MP07-0124) have been met.
Project Address	Lot 109, DP 1050302, Yallah Bay Road, Yallah, NSW 2530
Proponent	Energy Australia
Date	20/09/2023

I declare that:

- I am not related to any proponent, owner, operator or other entity involved in the delivery of the project. Such a relationship includes that of employer/employee, a business partnership, sharing a common employer, a contractual arrangement outside an Independent Audit, or that of a spouse, partner, sibling, parent, or child;
- I do not have any pecuniary interest in the project, proponent or related entities. Such an interest includes where there is a reasonable likelihood or expectation of financial gain (other than being reimbursed for performing the audit) or loss to the auditor, or their spouse, partner, sibling, parent, or child;
- I have not provided services (not including independent reviews or auditing) to the project with the result that the audit work performed by themselves or their company, except as otherwise declared to the Department prior to the audit;
- I am not an Environmental Representative for the project; and
- I will not accept any inducement, commission, gift or any other benefit from auditee organisations, their employees or any interested party, or knowingly allow colleagues to do so.

Notes:

- 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*
- The Crimes Act 1900 contains other offences relating to false and misleading information: section 307B (giving false or misleading information – maximum penalty 2 years imprisonment or 200 penalty units, or both)*

Name of Proposed Auditor	Shireen Baguley
Signature	
Qualification	Exemplar Global Certified Lead Environmental Auditor (125758)
Company	Water Technology Pty Ltd