

Prepared for Eurobodalla Shire Council

Independent Environmental Audit Report

Eurobodalla Southern Water Supply Storage

November 2024

Project Number: 230298

Document verification

Project Title: Eurobodalla Southern Water Supply Storage

Project Number: 230298

Project File Name: 230298 Eurobodalla Southern Storage IEA Report Audit #3_Final_v1

Revision	Date	Prepared by	Approved by
Draft v1.0	23/09/2024	Whitney Heiniger	Natascha Arens
Draft v1.1	25/09/2024	Whitney Heiniger (minor changes)	-
Final v1.0	18/11/2024	Natascha Arens	

NGH Pty Ltd is committed to environmentally sustainable practices, including fostering a digital culture and minimising printing. Where printing is unavoidable, NGH prints on 100% recycled paper.

We acknowledge the traditional owners of this land and pay our respect to Elders past, present and emerging. We recognise that the First Nations peoples of Australia have traditionally managed the resources of this land in a sustainable way, and that they are the original stewards of the Australian environment.

Table of contents

1. Introduction.....	1
1.1. Background.....	1
1.1.1. Project information.....	1
1.2. Audit team.....	2
1.3. Objectives.....	2
1.4. Audit scope.....	2
1.5. Audit period.....	2
1.6. Limitations.....	3
2. Audit methodology.....	4
2.1. Auditor approval.....	4
2.2. Scope development.....	4
2.3. Audit process.....	4
2.4. Audit interviews.....	4
2.5. Site inspection.....	5
2.6. Consultation.....	5
2.7. Compliance status descriptors.....	5
3. Audit findings.....	6
3.1. Document list.....	6
3.2. Compliance performance.....	7
3.3. Notices, orders and prosecutions.....	8
3.4. Non-compliances.....	9
3.5. Previous audit recommendations.....	15
3.6. Environmental Management Plans.....	19
3.6.1. Flora and Fauna Management Plan – Condition B3.....	19
3.6.2. Soil and Water Management Plan – Condition B13.....	19
3.6.3. Emergency Response Procedure – Condition B20.....	20
3.6.4. Traffic Management Plan – Condition B28.....	20
3.6.5. Noise and Vibration Management Plan – Condition B34.....	20
3.6.6. Construction Environmental Management Plan – Condition C2.....	21
3.6.7. Aboriginal Heritage Management Plan (Appendix 2, 5.1).....	21

3.6.8. Hazard and Risk Management Plan (Appendix 2, 10.1)	21
3.6.9. Landscape Management Plan (Appendix 2, 13.1)	22
3.7. Environmental performance	22
3.8. Consultation feedback.....	22
3.9. Complaints	24
3.10. Incidents	24
3.11. Actual vs. predicted impacts	24
3.12. Key strengths.....	25
4. Recommendations	26
4.1. Recommended actions	26
4.2. Opportunities for improvement.....	26

Tables

Table 2-1 Compliance status descriptors used during the audit process.....	5
Table 3-1 Summary of compliance observed during the third audit.....	7
Table 3-2 Non-compliances identified during the third audit as well as corresponding recommended actions	9
Table 3-3 Previous audit recommendations and their status as observed during the third audit	15

Appendices

Appendix A Audit table.....	A-I
Appendix B DPHI auditor approval	B-I
Appendix C Consultation	C-I
Appendix D Independent auditor declaration	D-I
Appendix E Site inspection photos	E-I

Acronyms and abbreviations

BoM	Australian Bureau of Meteorology
CEMP	Construction Environmental Management Plan
CoA	Condition of Approval
DPE	(Former) Department of Planning and Environment (NSW) (now DCCEE and DPPI)
DPPI	Department of Planning, Housing and Infrastructure (NSW) (formerly DPE)
DPIRD	Department of Primary Industries and Regional Development
EIS	Environmental Impact Statement
EPA	NSW Environment Protection Authority
EPL	Environment Protection Licence
ESC	Eurobodalla Shire Council
FFMP	Flora and Fauna Management Plan
ha	hectares
HMP	Heritage Management Plan
HRMP	Hazard and Risk Management Plan
IEA	Independent Environmental Audit
LGA	Local Government Area
LMP	Landscape Management Plan
ML	megalitre
m	metres
mm	millimetres
NSW	New South Wales
NVMP	Noise and Vibration Management Plan
PESCP	Progressive Erosion and Sediment Control Plan

RFI	Request for information
SSD	State Significant Development
SWMP	Soil and Water Management Plan
TMP	Traffic Management Plan
TRIPS	Tuross River Intake Pump Station
WTP	Water treatment plant

1. Introduction

1.1. Background

In February 2023, Eurobodalla Shire Council (ESC) were directed by a nominee of the Planning Secretary to undertake an Independent Environmental Audit (IEA) for the Council-managed Southern Water Supply Storage Project (the Project). This direction arose due to compliance reporting requirements having transitioned to the updated Independent Audit Post Approval Requirements (New South Wales [NSW] Department of Planning, Industry and Environment, 2020) after the Project was determined, therefore the updated Post Approval Requirements were not reflected in conditions of consent for the Project (State Significant Development [SSD]-7089).

This direction specified that ESC was required undertake the IEA for the audit period March 2020 to 13th February 2023. NGH were engaged by ESC to undertake the first IEA in May 2023, with the audit report supplied to the Department 13th June 2023. Subsequent to the initial audit, the (former) Department of Planning and Environment (DPE) confirmed that, in order to transition to full compliance with the Post Approval Independent Audit Requirements (2020), the next IEA would be conducted no later than the 23rd November 2023 (26 weeks from the date of previous site audit), covering the period 14th Feb to the date of the site inspection component of the second audit (15th November 2023), with all subsequent audits to be completed at intervals not greater than 26 weeks thereafter. The site inspection component of the third audit was completed 31st July 2024.

1.1.1. Project information

The Project will construct a 3,000 megalitre (ML) storage capacity dam, inclusive of a 370 metre (m) embankment (39 m in height with a crest width of 20 m) located adjacent to a tributary of the Tuross River. Once complete the Project will provide a water supply storage asset to the Eurobodalla Shire Local Government Area (LGA). To enable the water supply storage to function as a usable water resource, a number of ancillary structures and services are also required:

- A new river intake pump station (Tuross River Intake Pump Station [TRIPS])
- Installation of a pipeline (26 ML per day capacity) to transfer raw water from TRIPS to the storage inlet chute
- Installation of a cross-connection pipeline, connecting the water storage inlet pipeline to the balance tank of the existing water treatment plant (WTP)
- Installation of a connecting pipeline from the existing bore field to the river intake pump station
- A new access road (Storage Access Road), approximately one kilometre in length and extends from Eurobodalla Road opposite the existing WTP to the embankment crest
- Upgrades to Eurobodalla Road to accommodate a basic right-turn and basic left-turn at the intersection of the Storage Access Road and Eurobodalla Road
- A new access road that would provide a route for vehicles to access the TRIPS
- Power supply including the construction of new sub-stations located near the storage dam and the TRIPS.

Due to the strategic sequency of the Project, works were packaged into discrete Stages and executed under either Council works (Council managed subcontracted work), or tendered construction contracts managed by the ESC Public Works Advisory. The stages have been described in detail in Audit Reports 1 and 2.

Currently, works are in the final stage, Stage 5, which includes the removal of the remaining vegetation within the water supply storage area (i.e. that vegetation not removed by Stage 4 works), construction of the embankment wall, spillway, permanent erosion control measures and all remaining works on site to enable the project to become operational. The Project was issued with an Environment Protection Licence (EPL) (EPL 21767) by the NSW Environment Protection Authority (EPA) for Crushing, grinding or separating and Extractive industries in December 2022 to Stage 5 contractor Haslin Constructions Pty Ltd (Haslin).

1.2. Audit team

A team of environmental auditing professionals from NGH was approved for the audit by the Department of Planning, Housing and Infrastructure (DPHI, the Department) (Appendix B). Natascha Arens was approved as Lead Auditor. Natascha has over 30 years' experience as an environmental professional and auditor and oversaw the audit process; Natascha is an Exemplar Global Principal Auditor in Environmental Management Systems.

Whitney Heiniger supported Natascha during the audit and conducted the site inspection. Whitney has six years of experience as an environmental professional, including internal and external auditing, and is an Exemplar Global Lead Auditor in Environmental Management Systems.

1.3. Objectives

The objective of the audit was to conduct an independent review of compliance with the Conditions of Approval of SSD-7089 issued by the Minister for Planning on 17th October 2019, in accordance with the requirements of the Independent Audit Post Approval Requirements, May 2020 (DPE 2020).

1.4. Audit scope

This is the third IEA of the Project.

The scope of this audit was generally in accordance with Section 3.3 of the Independent Audit Post Approval Requirements (Department 2020). The scope in general included:

- Conditions of consent applicable to current activities on site
- All relevant post approval documents required by the conditions of consent (eg. management plans)
- An assessment of the environmental performance of the development
- A high-level review of the Project's EMS
- A high-level assessment of whether Environmental Management Plans and Sub-plans are adequate.

1.5. Audit period

The reporting period for this audit is from the date of the second site audit, 15th November 2023, until the date of the third site visit on 31st July 2024. It is noted that this is beyond the 26-week timeframe specified in the Independent Audit Post Approval Requirements (Department 2020).

1.6. Limitations

The outcomes of this audit are based on the assessment that has been undertaken in accordance with the contracted scope of work and is subject to the applicable time and other constraints. The assessment included a review of documentation, interviews with personnel and observations made during the site inspection.

The outcomes presented in this audit report are based on the assessment undertaken and relied on supplied information. NGH does not accept responsibility for any inaccurate information or omissions in the supplied information.

This report does not constitute legal advice in relation to environmental liabilities.

2. Audit methodology

2.1. Auditor approval

The Department agreed to Natascha Arens as Lead Auditor and Whitney Heiniger as an Auditor for the Project on 28th June 2024 (Appendix B).

2.2. Scope development

The audit scope was developed by reviewing the SSD-7089 Conditions and the Independent Audit Post Approval Requirements (DPE, 2020).

The audit comprised of offsite document review, a site inspection and offsite audit analysis and reporting.

An audit plan was provided to the auditee prior to the site audit detailing the timing of the audit and requirements regarding accessing the site and documentation.

2.3. Audit process

A document review was undertaken prior to the audit and off site. The document review included a review of the Conditions of Approval and all management plans and sub plans, using evidence submitted.

The Audit program was submitted to ESC on 26th July 2024 indicating the dates of the site audit, scope, criteria, audit details and required Project representatives.

An Opening Meeting was held on 31st July at 9:00am in the site compound meeting room. Present at the opening meeting were:

- Karen McCann (Senior Environmental Advisor, Haslin Constructions).

Harvey Lane, ESC Project Engineer, was unable to attend the site visit due to a positive COVID diagnosis on the day prior.

Instead of holding a Closing Meeting during the site visit, an additional, virtual meeting was held with Harvey Lane on 30th August 2024 to discuss audit criteria that were not able to be assessed entirely through the document review process.

Requests for information (RFIs) were made throughout the audit process to obtain documents not publicly available.

2.4. Audit interviews

Throughout the audit process, interviews were held with various Project staff members including:

- Harvey Lane
- Karen McCann.

No interview requests were denied.

2.5. Site inspection

A site inspection was undertaken at 9:30am on 31st July 2024. The purpose of site visit was to undertake an inspection of current construction activities on site, view the site and access arrangements and gain an understanding of the ongoing scope of works. No restrictions to access occurred during the site visit. Conditions during the site inspection were warm and sunny, noting that 0 millimetres (mm) of rain had been received at Batemans Bay Bureau of Meteorology (BoM) Station (069134) in the week preceding the site inspection.

2.6. Consultation

Email consultation regarding the audit scope was undertaken with:

- Department of Planning, Housing and Infrastructure
- NSW Environment Protection Authority
- Heritage NSW
- NSW Public Works
- Department of Primary Industries and Regional Development (DPIRD) (Fisheries).

Responses were received from DPHI, DPIRD and Heritage NSW, with specific feedback outlined in Section 3.8 and Appendix C.

2.7. Compliance status descriptors

The compliance status for each requirement or commitment has been assessed in accordance with the criteria in Table 2-1 (DPE 2020).

Table 2-1 Compliance status descriptors used during the audit process

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

3. Audit findings

3.1. Document list

The list below displays all documentation used as evidence during IEA 3:

Approvals, plans, reports and relevant correspondence

- Independent Audit – Southern Water Supply Storage – SSD 7089, Audit Number 1 (NGH, July 2023)
- Independent Audit – Southern Water Supply Storage – SSD 7089, Audit Number 2 (NGH, January 2024)
- Eurobodalla Shire Council Correspondence SO32-T00009 – Eurobodalla Southern Storage SSD 7089 – Independent Environmental Audit 2 (17/01/2024)
- Construction Environmental Management Plan Eurobodalla Southern Water Supply Storage SSD7089 RevD (Haslin, 21/10/2022)
- Flora and Fauna Management Plan Eurobodalla Southern Water Supply Storage SSD7089 RevH (Haslin, 9/11/2023)
- Soil and Water Management Plan Eurobodalla Southern Water Supply Storage SSD7089 RevD (Haslin, 21/10/2022)
- CEMP Traffic Management Sub-Plan Eurobodalla Southern Storage Project Rev0 (Haslin, 17/08/2022)
- Noise and Vibration Management Plan Eurobodalla Southern Storage Project RevD (Haslin, 21/10/2022)
- Waste Management Plan Eurobodalla Southern Storage Project RevB (Haslin, 16/09/2022)
- Heritage Management Plan Eurobodalla Southern Storage Project RevB (Haslin, 30/09/2022)
- Air Quality Management Plan Eurobodalla Southern Storage Project RevC (Haslin, 14/10/2022)
- Email correspondence - ESC to DPHI - SSD 7089 Eurobodalla Southern Storage Biodiversity Offset Requirements (14/08/2024)

Traffic, plant and equipment

- Haslin Equipment Induction Details – Watercart P450 Bulk Carrier/Hopper 2019 – Scania (inducted 22/05/2024)
- Haslin Equipment Induction Details – Telehandler 525-60 HI VIZ Loadall - JCB (inducted 24/02/2024)
- Haslin Equipment Induction Details – Non-Slewing Mobile Crane At22 - Terex (inducted 8/05/2024)
- Eurobodalla Shire Council Community Update Letter Ref 400050 – Road safety notice – Increased truck traffic near Southern Water Supply Storage site (20/05/2024)

Monitoring, reporting and incidents

- Haslin Community Complaints and Communications Register – ESWSS Project 234
- Haslin Environmental Incidents Register – ESWSS Project 234
- Haslin Monthly Noise Monitoring Register – ESWSS Project 234
- Haslin Waste Disposal Register (SEQ-TP-017) – ESWSS Project 234
- Haslin Monthly Water Quality Monitoring Register – ESWSS Project 234

- Haslin Monthly Air Quality Monitoring Register – ESWSS Project 234
- Haslin Quarries Materials Register – ESWSS Project 234
- Eurobodalla Southern Storage Construction Incident #27 – Pollution Event (Haslin, event date 29/11/2023)
- Eurobodalla Southern Storage Construction Incident #37 – Pollution Event (Haslin, event date 25/12/2023)
- Eurobodalla Southern Storage Construction Incident #55 – Self Report Pollution Event (Haslin, event date 06/04/2024)
- Eurobodalla Southern Storage Construction Incident #56 – Self Report Pollution Event (Haslin, event date 10/05/2024 – 12/05/2024)
- DPHI email correspondence SSD-7089-PA-34 – Eurobodalla Water Supply – Dirty water incident (29/01/2024)
- DPHI email correspondence SSD-7089-PA-37 – Eurobodalla Water Supply – Dirty water incident (29/01/2024)
- DPHI email correspondence SSD-7089-PA-39 – Eurobodalla Water Supply – sediment laden water discharge event – 5th to 7th of April 2024 (29/01/2024) (31/05/2024)
- DPHI email correspondence – Eurobodalla Water Supply – Sediment Laden Water Discharge off site Incident – 10th to 12th May 2024 (19/07/2024).

3.2. Compliance performance

A total of 124 Conditions of Approval (CoA) were found to be triggered during the reporting period. The Project was found to be non-compliant with 10 of these (Table 3-1).

For the purposes of Table 3-1, if a Condition contained a part which is relevant, the whole Condition is counted as being relevant. Similarly, where a non-compliance was found with part of a Condition, the entire condition is considered non-compliant.

Table 3-1 Summary of compliance observed during the third audit

	Part A	Part B	Part C	Appendix 2	Appendix 3	Total
Number of Conditions of Approval	25	46	15	81	4	171
Number of triggered Conditions	16	29	9	66	4	124
Number of non-compliances	2	3	4	1	0	10

3.3. Notices, orders and prosecutions

No agency notices, orders, penalty notices or prosecutions are understood to have occurred during the audit period.

3.4. Non-compliances

10 non-compliances were identified during the audit. These non-compliances, as well as their corresponding recommendations, are detailed in Table 3-2.

Table 3-2 Non-compliances identified during the third audit as well as corresponding recommended actions

CoA	Requirement	Details of non-compliance	Recommended action
A2	The development may only be carried out: (a) in compliance with the conditions of this consent;	(a) The Audit found 9 non-compliances (10 including against A2) meaning that the development was not being carried out in compliance with the conditions of consent.	Recommended actions are listed against each specific non-compliant finding
A24	However, consistent with the conditions of this consent and without altering any limits or criteria in this consent, the Planning Secretary may, when issuing directions under this consent in respect of ongoing monitoring and management obligations, require compliance with an updated or revised version of such a guideline, protocol, Standard or policy, or a replacement of them.	ESC were issued a direction by the Planning Secretary in February 2023 to comply with the management obligations under the revised/ updated version of the Independent Audit Post Approval Requirements (2020) document (i.e. undertake an Independent Audit in accordance with this 2020 Requirement). A second audit was completed within 26 weeks following the initial audit (audit 1) as per the requirements of the IAPAR, 2020. The third audit (this audit) was not compliant with the IAPAR as the audit was not undertaken within the required 26-week timeframe.	Ensure subsequent audits are undertaken within the required timeframe or apply for extension from the Planning Secretary
B8	Within 24 months of approval of the Biodiversity Offset Strategy, or another timeframe agreed to by the Planning Secretary, the Applicant must prepare and implement a Biodiversity Offset Package	To achieve this timeframe, the Biodiversity Offset Package would have to have been implemented by 19th December 2023 (24 months from approval of the BOS). ESC have resolved to retire the biodiversity credits it owns, consistent with the approved Biodiversity Offset Strategy. In	Consultation is ongoing – no recommended action at this stage

CoA	Requirement	Details of non-compliance	Recommended action
	<p>which outlines how the retirement of credits will be achieved in accordance with the NSW Biodiversity Offsets Policy for Major Projects, i.e. by:</p> <p>(a) acquiring or retiring credits under the Biobanking scheme established under the then Threatened Species Conservation Act 1995;</p> <p>(b) making payments into an offset fund that has been established by the NSW Government; or</p> <p>(c) providing suitable supplementary measures.</p>	<p>November 2023 ESC applied to the Biodiversity Offsets Scheme to convert the existing credits as calculated to BAM credits.</p> <p>At the time of the third audit, consultation between the Department and ESC regarding the implementation of the Biodiversity Offset Package was ongoing and the implementation has not yet been resolved. This condition is not compliant due to not meeting the required timeframe however it is noted that ESC is in consultation with the Department with the intention to retire credits prior to the commencement of operation.</p>	
<p>B15</p>	<p>The development must comply with section 120 of the POEO Act, which prohibits the pollution of waters, except as expressly provided for in an EPL.</p>	<p>During the site inspection, erosion and sediment controls appeared in good working order and site staff had a robust understanding of water management within the Project, including obligations under the SWMP, EPL and the Project Consent.</p> <p>The environmental incidents listed in Section 3.10, although potentially over-design events, did not comply with this Condition.</p> <p>EPL 21767 Condition L1.1 (Pollution of Waters) specifies that the licensee must comply with s120 of the POEO Act.</p>	<p>All incidents resulted from extreme rainfall events and were appropriately reported and investigated. It is recommended that the Proponent consider amending the EPL in consultation with the EPA to include rainfall event limits that would define an 'over-design' event.</p>

CoA	Requirement	Details of non-compliance	Recommended action
		<p>No other condition of the EPL specifies allowable water discharge pollution limits that would negate the overarching requirement to comply with s120.</p>	
<p>B20</p>	<p>The CEMP required by Condition C2 and OEMP required by Condition C5 must include emergency response procedures in the event of flooding or bushfire.</p>	<p>Section 7.7 of the CEMP (Stage 5) references the Emergency Plan (SEQ-TP-037) that has been developed as part of the Safety Management Plan. The CEMP does not currently include emergency response procedures specific to flooding or bushfire. It is noted that Table 1-1 of the CEMP does not reference this specific condition, referencing condition C3 instead, but does not specify a location for 'Emergency Response Procedures in the event of flooding and bushfire'.</p>	
<p>C3</p>	<p>As part of the CEMP required under Condition C2 of this consent, the Applicant must include the following: (c) emergency response procedures in the event of flooding or bushfire (as required under Condition B20);</p>	<p>Section 7.7 of the CEMP (Stage 5) references the Emergency Plan (SEQ-TP-037) that has been developed as part of the Safety Management Plan. The CEMP does not currently include emergency response procedures specific to flooding or bushfire. It is noted that Table 1-1 of the CEMP does not reference this specific condition, referencing condition C3 instead, but does not specify a location for 'Emergency Response Procedures in the event of flooding and bushfire'.</p> <p>All other required management plans are included as appendices in the CEMP.</p>	<p>Update the CEMP to address the requirements of this condition</p>

CoA	Requirement	Details of non-compliance	Recommended action
C7	<p>Within three months of:</p> <p>(a) the submission of an incident report under Condition C9;</p> <p>the strategies, plans and programs required under this consent must be reviewed and submitted to the Planning Secretary.</p>	<p>Four notifiable environmental incidents occurred during the reporting period, with the first notifiable incident occurring on 29/11/2023. At the time of the third audit, a review of the SWMP was underway however this is over three months following the first incident in the reporting period. Also, all strategies, plans and programs required under the consent must be reviewed and resubmitted.</p>	<p>It is recommended that the Proponent and Haslin designate a responsible individual for undertaking these designated reviews within the specified timeframes. These reviews may present as correspondence noting that a review has been undertaken and no updates were deemed required, or they may present as an update to the plans as required.</p>
C8	<p>If necessary to either improve the environmental performance of the development, cater for a modification or comply with a direction, the strategies, plans and programs required under this consent must be revised, to the satisfaction of the Planning Secretary. Where revisions are required, the revised document must be submitted to the Planning Secretary for approval within six weeks of the review.</p>	<p>As required under condition C7, revisions were triggered by reportable incidents during the reporting period. Revisions were not undertaken and not submitted for approval.</p>	<p>See recommendation against Condition C7</p>
C15	<p>At least 48 hours before the commencement of construction until the completion of all</p>	<p>(a) the first audit could not find evidence that at least 48 hours prior to construction commencement, the required documents were made publicly available via the Projects</p>	<p>Similarly to Condition C7, it is recommended that the Proponent and designate a responsible individual for ensuring compliance with this</p>

CoA	Requirement	Details of non-compliance	Recommended action
	<p>works under this consent, including rehabilitation, the Applicant must:</p> <p>(a) make the following information and documents (as they are obtained or approved) publicly available on its website:</p> <p>(i) the documents referred to in Condition A2 of this consent and the final layout plans for the development;</p> <p>(ii) all current statutory approvals for the development;</p> <p>(iii) all strategies, plans and programs required under the conditions of this consent;</p> <p>(iv) regular reporting on the environmental performance of the development in accordance with the reporting requirements in any plans or programs approved under the conditions of this consent;</p> <p>(v) a comprehensive summary of the monitoring results of the development, reported in accordance with the specifications in any conditions of this consent, or any approved plans and programs;</p> <p>(vi) contact details to enquire about the</p>	<p>website. This was a finding of the first audit and is considered closed.</p> <p>(aiii) the Landscape Management Plan (LMP, October 2023) could not be located on the Project website.</p> <p>(viii) written direction was given to Eurobodalla Shire to make the Response to Audit Recommendations (RAR) from the first Audit (June 2023) publicly available by 6/9/2023. At the time of the audit (September 2024), neither the RAR for the first or second audit could be found on the Project website. Both IEA reports are available on the Project website.</p> <p>(b) the project website currently includes up to date information as per the requirements of the majority of this condition, inclusive of a link to the DPE Major Projects portal.</p>	<p>Condition, including all requirements for document availability on the Project website.</p>

CoA	Requirement	Details of non-compliance	Recommended action
	<p>development or to make a complaint;</p> <p>(vii) the Compliance Reporting of the development;</p> <p>(viii) any other matter required by the Planning Secretary; and</p> <p>(b) keep such information up to date, to the satisfaction of the Planning Secretary.</p>		
<p>Appendix 2, Condition 1.2</p>	<p>The CEMP would include a number of sub plans identified in the safeguards and management measures and include:</p> <ul style="list-style-type: none"> • Traffic management plan • Flora and fauna management plan • Aboriginal heritage management plan • Noise and vibration management sub plan • Construction erosion and sediment control plan • Air quality management plan • Bush fire management plan • Landscape management plan. 	<p>The CEMP includes all subplans specified except for a Bushfire Management Plan. Section 7.7 of the CEMP (Stage 5) references the Emergency Plan (SEQ-TP-037) that has been developed as part of the Safety Management Plan. The Emergency Plan contains this detail - the second audit of the Project found that the Project was compliant with this condition and no changes have been made since this review. The Emergency Plan is not included in the CEMP and its status as a separate document does not meet the requirements of this condition.</p> <p>The Landscape Management Plan is currently not included as an appendix to the CEMP.</p>	<p>It is recommended that the Emergency Plan is included as an appendix to the CEMP. It is recommended to also include the Landscape Management Plan in the CEMP as a subplan.</p>

3.5. Previous audit recommendations

The status of previous recommendations from the second Project IEA are detailed in Table 3-3.

Table 3-3 Previous audit recommendations and their status as observed during the third audit

CoA	Requirement	Audit finding	Recommended action and current status
A2	<p>The development may only be carried out:</p> <ul style="list-style-type: none"> a) in compliance with the conditions of this consent b) in accordance with all written directions of the Planning Secretary; c) in accordance with the EIS and response to submissions; d) in accordance with the Development Layout in Appendix 1; and <p>in accordance with the revised management and mitigation measures in Appendix 2</p>	<p>(a) The Audit found 5 non-compliances as a result of the Audit (C15; App 2, 4.5; App 2, 10.1; App 2, 13.1) meaning that the development was not being carried out in compliance with the conditions of consent.</p> <p>(c) it was noted however, that Hazardous Materials (Flammable 3) were being incorrectly stored, without adequate signage and comingled with other products, therefore non-compliant with <i>Australian Standard 1940-2004 The storage and handling of flammable and combustible liquids</i>, as per Section 14.3 of the EIS. The audit also found evidence of jerry-can in a subcontractor area on the active job site, non-compliant with a subsequent paragraph within Section 14.3 of the EIS "There would be no refuelling of vehicles, plant and machinery within 40 metres of a watercourse. This would only be undertaken at the construction compounds."</p> <p>(d) The audit found works were not being conducted in accordance with the requirements of the revised</p>	<p>No specific action designated against this Condition.</p> <p>(a) Open – further non-compliances identified during current audit</p> <p>(c), (d) Closed – evidence of chemical storage rectification observed during third IEA site visit</p>

CoA	Requirement	Audit finding	Recommended action and current status
		management and mitigation measures in Appendix 2 (i.e. Appendix 2: 9.5: hazardous material storage).	
B16	The Applicant must store all chemicals, fuels and oils used on-site in accordance with (a) the requirements of all relevant Australian Standards; and (b) the NSW EPA's <i>Storing and Handling of Liquids: Environmental Protection — Participants Manual</i> if the chemicals are liquids.	Storage of Class 3 flammables noncompliant with the requirements of this condition. NOTE: It was recommended at audit close that a dangerous goods inventory is undertaken of the storage container and that flammable goods are separated, stored and that signage is installed as per the requirements of this condition.	The project has since rectified the storage of dangerous goods. Flammable 3 products are in a designated Flammable 3 cabinet as per the requirements of this condition. Closed – evidence of chemical storage rectification observed during third IEA site visit
C10	The Department must be notified in writing to compliance@planning.nsw.gov.au within seven days after the Applicant becomes aware of any non-compliance.	Four NCs were raised from the previous audit (report released in June 2023). The audit found that DPE were notified on 25 July 2023, which is non-compliant with the seven-day timeframe requirement of this condition. The audit further found that the notification was not sent to the required inbox (compliance @planning.nsw.gov.au) rather a letter was sent to the Department.	Notify DPE of the four NCs from the May 2023 audit, via the required email: compliance @planning.nsw.gov.au mailbox. Closed – non-compliances raised during the second audit were notified to the Department within the required timeframe
C15	At least 48 hours before the commencement of construction until the completion of all works under this consent, including rehabilitation, the Applicant must:	(a) the audit could not find evidence that at least 48 hours prior to construction commencement, the required documents (a) (i) – (viii) were made publicly available via the Projects website. This was a finding	It is further recommended that the RAR from the first Audit is also uploaded to the project website.

CoA	Requirement	Audit finding	Recommended action and current status
	<p>(a) make the following information and documents (as they are obtained or approved) publicly available on its website:</p> <p>(ix) the documents referred to in Condition A2 of this consent and the final layout plans for the development;</p> <p>(x) all current statutory approvals for the development;</p> <p>(xi) all strategies, plans and programs required under the conditions of this consent;</p> <p>(xii) regular reporting on the environmental performance of the development in accordance with the reporting requirements in any plans or programs approved under the conditions of this consent;</p> <p>(xiii) a comprehensive summary of the monitoring results of the development, reported in accordance with the specifications in any conditions of this consent, or any approved plans and programs;</p> <p>(xiv) contact details to enquire about the development or to make a complaint;</p> <p>(xv) the Compliance Reporting of the development;</p>	<p>of the first audit and is considered closed.</p> <p>(a) (iii) the Landscape Management Plan (LMP, October 2023) could not be located on the Project website at the time of audit</p> <p>(a) (viii) written direction was given to Eurobodalla Shire to make the Response to Audit Recommendations (RAR) from the first Audit (June 2023) publicly available by 6/9/2023. At the time of the audit (November 2023), the Audit Report was publicly available, but the RAR could not be found on the project website (or anywhere publicly available).</p> <p>(b) the project website currently includes up to date information as per the requirements of the majority of this condition, inclusive of a link to the DPE Major Projects portal. However the absence of the LMP and the RAR means the project is non-compliant with the requirements of (b).</p>	<p>It is recommended that the Landscape Management Plan to be uploaded to the Project website.</p> <p>Open – the RARs for the first and second audits are not available on the Project website. The LMP and Bushfire Management Plan are not yet available on the Project website.</p>

CoA	Requirement	Audit finding	Recommended action and current status
	(xvi) any other matter required by the Planning Secretary; and (b) keep such information up to date, to the satisfaction of the Planning Secretary.		
Appendix 2, 9.5	All fuels, chemicals and hazardous liquids will be stored within an impervious bunded area in accordance with Australian standards and EPA guidelines. Any on-site refuelling will occur in a designated area with impervious surfaces.	Hazardous Materials (Flammable 3) were being incorrectly stored, without adequate signage and comingled with other products, therefore non-compliant with <i>Australian Standard 1940-2004 The storage and handling of flammable and combustible liquids</i> .	At the time of reporting, it was evidenced that the Project had since rectified the storage of dangerous goods. Flammable 3 products were observed (via photograph) to be in a designated Flammable 3 cabinet as per the requirements of this condition. Closed – evidence of chemical storage rectification observed during third IEA site visit

3.6. Environmental Management Plans

A summary of the implementation of key management plans relevant to this stage of works is provided below.

The suite of environmental management plans includes:

- B3 – Flora and Fauna Management Plan (FFMP)
- B13 – Soil and Water Management Plan (SWMP)
- B20 – Emergency Response Procedure (to be included in the CEMP)
- B28 – Traffic Management Plan (TMP)
- B34 – Noise and Vibration Management Plan (NVMP)
- C2 – Construction Environmental Management Plan (CEMP).

3.6.1. Flora and Fauna Management Plan – Condition B3

Prior to clearing or ground disturbance works, the Construction FFMP was reviewed and approved by DPE. The FFMP included demarcation of site boundaries and the establishment of environmental protection (No-Go) zones as key mitigation measures. These activities were found to have been implemented for the audit period as evidenced by the site inspection, weekly environmental inspections and staff interviews. Biodiversity mitigation measures also included two-stage clearing procedures, weed management and the establishment of vegetation retention zones (VRZs) that are beyond the construction boundary of the project which contain dedicated to long term management measures in each zone.

The VRZs correspond to the no-go (exclusion) zones for Stage 5 works and management responsibility of these areas (and therefore subsequent weed monitoring and removal) was noted as being undertaken within the last stage of the construction sequence (Stage 5). No reportable incidents relating to biodiversity were recorded during the reporting period.

3.6.2. Soil and Water Management Plan – Condition B13

Erosion and sediment control mitigation measures were captured in the SWMP RevD (Haslin, 2022). Implementation of this Plan and the relevant Progressive Erosion and Sediment Control Plan (PESCP) was via regular inspections during the reporting period. The audit found that these inspections, subsequent reporting and any corrective actions were occurring. The site inspection component of the audit also found compliance with the PESCP, with actively visible evidence of adequate implementation of the PESCP at the time of audit.

Erosion and sediment control mitigation measures were found to be adequately installed, inspected and maintained and the overall management of erosion and sediment control matters for the site considered sufficient. Four incidents relating to over-design rainfall events occurred during the reporting period which resulted in four uncontrolled discharges from the site. This is not considered reflective of a lack of implementation of the SWMP or PESCP.

During the second audit, with regard to the overarching SWMP, it was noted that this document had mitigation measures listed within it that were not understood nor relevant to the site for the audit period. Specifically, the SWMP required “monitoring of spoil, fill and materials stockpile site records”. Site personnel

were unable to determine what this mitigation measure meant, and it was therefore considered to not be a relevant nor useful measure for the current work stage of site. It was recommended that the SWMP be reviewed by the nominated Soil Conservationist and updated to only include those mitigation measures relevant to the Eurobodalla Southern Water Supply Storage site. This recommendation remains in place at the time of the third audit however it is noted that an update of the SWMP was being undertaken at the time of reporting.

Construction water quality monitoring was carried out by Stage 5 construction contractors during the reporting period, enabling a comparison of water quality during construction to the pre-construction baseline water quality data. Water quality results reviewed during the audit indicated water being discharged from the Project site was often of better quality in terms of turbidity than reference and upstream sites. It is noted that water flows through a neighbouring property following release and this has an immediate impact on water quality prior to the confluence point with the Tuross River.

No complaints were received in relation to soil or water management matters (e.g. mud tracking) during the audit period.

3.6.3. Emergency Response Procedure – Condition B20

The second audit found that the Project maintained an Emergency Plan for Stage 5 in accordance with this condition. The second audit found that the ERP including training and awareness programs and Project personnel trained in the below were recorded in monthly/ fortnightly environmental reports:

- Training, Awareness and Competency Procedure HR-P-001
- Incident Management Procedure SE-P-002
- Emergency Preparedness Procedure SE-P-003
- Confined Space Procedure SE-P-021
- Working Over Water Procedure SE-P-042
- Incident Report & Investigation Form SE-F-003
- Confined Space Permit Form SE-F-039 Confined Space Rescue Plan.

No changes have been made to this documentation since the second audit. This Plan is currently not included as part of the CEMP and this is provided as an Opportunity for Improvement in Section 4.2.

3.6.4. Traffic Management Plan – Condition B28

The audit found that mitigation measures identified in the TMP were generally implemented. Mitigation measures pertaining to limiting damage on roads, maintaining property access and minimising the delays to local traffic from Project plant and vehicles were presented in inductions and evident during the site inspection.

3.6.5. Noise and Vibration Management Plan – Condition B34

The NVMP was reviewed and approved by DPE prior to works commencing on site. The NVMP reflects mitigation measures identified in the Conditions of Consent to control any nuisance noise on site and/ or reflected best practice noise mitigation. The audit found that these controls were generally verified by Contractor's weekly inspections and associated monthly noise reporting data.

Noise levels were not predicted to exceed the highly noise affected noise level of 75 dB(A) at any receiver for any of the construction scenarios modelled. The predicted noise levels indicated that the primary contributors to exceedances are combined noise impacts when all plant are operating concurrently such as concrete batching, dozers and heavy vehicles.

Noise verification monitoring was noted as being conducted (results viewed up to June 2024). Quarterly attended noise monitoring is also being undertaken and bi-annual sound power level checks also performed to verify these levels. Noise data records inspected during the audit were within criteria.

No noise complaints were made in the audit period.

3.6.6. Construction Environmental Management Plan – Condition C2

The audit found that the requirements of the CEMP were largely implemented and compliance assessed via regular inspections by Haslin Environmental staff.

3.6.7. Aboriginal Heritage Management Plan (Appendix 2, 5.1)

A Heritage Management Plan (HMP) (RevB, September 2022) was prepared and approved by DPE prior to commencement of construction. This plan was regarded as adequate to address the requirements of the consent conditions.

Additionally, the audit found that the CEMP, HMP and associated Unexpected Finds Procedure, along with Training and Awareness/ inductions and Tool Box Talk material, was regarded as sufficient to identify and mitigate any potential impacts to Aboriginal heritage items as a result of implementing the project. The site inspection component of the audit noted heritage exclusion zones in place and exclusion fencing maintained to exclude access and prevent any potential damage. No unexpected finds were made during the reporting period.

3.6.8. Hazard and Risk Management Plan (Appendix 2, 10.1)

It was noted that in accordance with Appendix 2, Condition 10.1 of the Development Consent, a Hazard and Risk Management Plan (HRMP) was required to be prepared and implemented as part of the CEMP. The Rural Fire Service was required to be consulted to determine the appropriate level of management measures, and that the catchment perimeter roads for construction (as well as operation) would be accessible for the Rural Fire Service. Under this condition, the HRMP is required to include:

- Details of hazards and risks associated with the activity including bushfire management
- Measures to be implemented during construction and operation of the storage facility to minimise these risks
- Record keeping arrangements, including information on the materials
- Present on the site, material safety data sheets, and personnel trained and authorised to use such materials
- A monitoring program to assess performance in managing the identified risks
- Contingency measures to be implemented in the event of unexpected hazards or risks arising, including emergency situations.

Emergency Response Procedures for construction were developed by the Stage 5 construction contractor in consultation with RFS, relating to site access arrangements for fire services, bush fire preparedness and fire

ban requirements during construction. Compliance with this requirement was assessed during the second audit however evidence of a specific HRMP, prepared as part of the CEMP, was not provided during the third audit, as per the finding against this condition in Appendix A.

3.6.9. Landscape Management Plan (Appendix 2, 13.1)

The initial audit (May 2023) found that a Landscape Management Plan (LMP) had not been developed for the Project, and this represented a non-compliant finding from Audit 1. Since the first audit, Eurobodalla Shire commissioned landscape architects to develop the required LMP.

A Landscape Management Plan was developed (26 October 2023) and approved shortly thereafter by DPE (November 2023). Noting that the LMP was retrospective for Stages 1 through Stage 4 (which have since been constructed), the plan details the following landscape elements:

- Vegetation Retention Areas (including ecologically endangered communities)
- Vegetation Recolonisation Areas (such as temporary construction compounds and road batters)
- Scenic Protection Areas (to reduce the visual impacts and reinforce the natural character around the vicinity of Eurobodalla Road).

The site inspection component of the third audit found that zones identified in the LMP were generally maintained in accordance with the LMP, including exclusion fencing and active rehabilitation zones. Interviews with site staff confirmed that weed treatments and soil amelioration are being undertaken as required to ensure successful rehabilitation.

3.7. Environmental performance

Environmental performance of the project is measured via weekly inspections, monthly inspections and corresponding reporting. The audit found that these inspections are occurring.

The audit found that key environmental controls are in place including:

- Erosion and sediment controls
- Biodiversity mitigation measures, including vegetation protection and rehabilitation measures
- Dust suppression with water carts
- Waste management including waste separation and appropriate disposal of concrete waste
- Environmental monitoring to determine environmental performance.

3.8. Consultation feedback

As outlined in Appendix C, **DPHI** requested:

Please look at all the discharge incidents including any improvements needed to management plans as per Condition C7, monitoring and testing, compliance with reporting of Incidents, monitoring in accordance with all management plans, check complaints register, check sediment and erosion control structures meet spec and check all information is available as per Condition C15.

Standard consultation with agencies but specifically please check in with Fisheries, Public Works and EPA.

The auditor has addressed discharge incidents in Section 3.10 and in Appendix A. As incident reporting and investigation has been undertaken in accordance with the requirements of SSD-7089, no improvements in this regard are suggested. All incidents were the result of intense rainfall that surpassed the 90% 5-day rainfall event capacity of the sediment controls on site and, as such, no recommendations related to these incidents are considered to be required at the time of the audit. Erosion and sediment controls observed during the site inspection were well maintained and site staff had an excellent understanding of water, erosion and sediment management on site.

No complaints were received during the reporting period.

Heritage NSW requested that:

In respect to the scope of the audit for Aboriginal cultural heritage, Heritage NSW notes Schedule 2 Part B Conditions B40 – 42 of SSD-7089, and the Heritage Management Plan (HMP) and compliance with these documents. Of note, is compliance with the conditions and HMP for artefact reburial and ensuring that all Aboriginal cultural heritage site cards have been updated on the Aboriginal heritage Information Management System to reflect their status following project approval.

The audit found that compliance with conditions B40 – B42 and the HMP was generally upheld during the audit period. Heritage exclusion zones were observed during the site inspection and no unexpected finds were made during the reporting period.

DPIRD Fisheries recommended:

...that the audit covers the following matters:

- *Review of erosion and sediment control measures and dewatering measures. Do these meet the requirements in the blue book? Do these measures appropriately manage sediments inputs into the tributary and river downstream?*
- *Appropriate revegetation of the riverbank following completion of pipe inlet works. To reduce bank erosion and sediment input into the river.*
- *Review of the intake pipe system. Was it constructed in accordance with the plans? Did they use the mesh type agreed to be Fisheries to reduce uptake of fish/fish eggs into the system.*
- *Appropriate and timely revegetation of disturbed catchment areas, following completion of the nearby works – to reduce potential for sediment input into the Tuross River.*

Are they conducting any environmental monitoring required prior to, during or after construction.

The auditor considers erosion and sediment controls on site, as well as dewatering measures, to be appropriate for works and generally in compliance with the Blue Book and the White Book. Overflow incidents during the reporting period resulted from over-design, extreme rainfall events and sediment controls were appropriately dewatered following these events. Revegetation at the TRIPS site was reviewed via aerial imagery and no areas of disturbance or scouring were visible, with evidence of revegetation clear.

The intake pipe system was not yet operational at the time of the audit, however the first audit of the Project confirmed that Quay Civil proprietary screen was installed in accordance with technical specifications, with flow control embedded in design. Completion of works to facilitate the rehabilitation of disturbed catchment areas has not yet occurred, however progressive rehabilitation of disturbed surfaces on site is occurring as works progress.

3.9. Complaints

No complaints were recorded during the reporting period.

3.10. Incidents

Four notifiable environmental incidents occurred during the reporting period. Four extreme rainfall events resulted in uncontrolled water discharges from site on 29th November 2023, 25th December 2023, 6th April 2024 and 10th – 12th May 2024. All incidents were the result of intense rainfall that surpassed the 90% 5-day rainfall event capacity of the sediment controls on site.

All four incidents were reported to the EPA's Environment Line and water quality monitoring was undertaken in accordance with the requirements of the Project EPL and the Conditions outlined in Appendix 2 of the Development Consent.

In each correspondence received from DPHI relating to these incidents, the Department stated that it had reviewed the relevant report and *"considers it to generally satisfy the conditions of consent in relation to incident reporting"*. Associated notification documents were reviewed by the auditor during the audit and, coupled with these DPHI correspondence documents, considers each incident to have been notified and investigated as required.

No further action is required to address these incidents.

3.11. Actual vs. predicted impacts

The Eurobodalla Southern Water Supply Project Environmental Impact Statement (EIS) provides an assessment of the environmental impacts of the Project covering the following aspects:

- Water resources and geomorphology
- Water quality and flows
- Biodiversity
- Socio-economic
- Aboriginal heritage
- Historic heritage
- Traffic and transport
- Noise and vibration
- Soils, contamination and spoil management
- Bushfire planning and management
- Greenhouse gas and climate change
- Air quality
- Landscape character and visual impact.

In general terms, the actual environmental impact from the Project to date is far less than predicted in the EIS, mainly due to the fact the TRIPS has not yet been commissioned nor had the water supply storage been completed (at the time of reporting).

In relation to Tuross River water quality, the construction methodology for the TRIPS was rationalised such that works were undertaken from a barge. This significantly reduced any potential impacts to stream water quality and aquatic biodiversity as disturbance to beds and banks was removed.

In general, the impacts from the Project have been assigned mitigation measures to reduce or remove such impacts and are summarised in Table 20-2 of the EIS. The mitigation measures developed in the EIS (Table 20-2) have been carried over into Conditions of Consent (Appendix 2) requirements and these conditions of consent (Appendix 2 requirements) have been directly assessed in this audit as they form part of the scope of this audit.

3.12. Key strengths

The overarching requirements of SSD-7089, including prescribed management plans, are well understood by the Project team. Sufficient resources are being allocated to manage environmental protection on site and records of environmental monitoring are organised and up to date. Incidents that occurred during the reporting period were efficiently reported to both the EPA and DPHI and were appropriately investigated. No complaints were received during the reporting period and the Project appears to be operating with respect to the local community. Vegetation and heritage exclusion and protection zones are clearly established on site and understood by the broader site team.

During the site inspection, it was noted that the site is tidy and environmental resources are available at the throughout the site, including contact information and environmental awareness signage.

4. Recommendations

4.1. Recommended actions

The recommended actions for all non-compliances recorded during the third audit are presented in Table 3-2.

4.2. Opportunities for improvement

Two opportunities for improvement were identified during the audit. The first recommendation is the inclusion of the Hazard and Risk Management Plan required by Appendix 2, Condition 10.1 as an appendix to the CEMP document.

Additionally, the second audit recommended that the SWMP be reviewed by an appointed Soil Conservationist and updated to remove any redundant mitigation measures that do not apply to the Eurobodalla Southern Water Supply Storage project. This recommendation is still relevant to this third audit.

Appendix A Audit table

Development Consent Compliance Status - July 2024

Reference	Approval or licence requirement	Evidence collected	Audit Finding - July 2024	Compliance status
Development Consent SSD 7089				
Schedule 2 - Part A Administrative Conditions				
A1.	In addition to meeting the specific performance measures and criteria in this consent, all reasonable and feasible measures must be implemented to prevent, and if prevention is not reasonable and feasible, minimise, any material harm to the environment that may result from the construction and operation of the development, and any rehabilitation required under this consent.	This audit Site inspection	All reasonable and feasible measures to minimise or prevent environmental harm during the reporting period have been enacted by the Proponent. Four incidents relating to uncontrolled discharges occurred during the reporting period however these were a result of extreme rainfall events and are not considered to have been able to prevented with reasonable or feasible measures.	Compliant
A2.	The development may only be carried out: (a) in compliance with the conditions of this consent; (b) in accordance with all written directions of the Planning Secretary; (c) in accordance with the EIS and response to submissions; (d) in accordance with the Development Layout in Appendix 1; and (e) in accordance with the revised management and mitigation measures in Appendix 2.	This audit Site inspection	(a) The Audit found 10 non-compliances (11 including A2) meaning that the development was not being carried out in compliance with the conditions of consent (b) no written directions during the reporting period (c) works are being undertaken generally in accordance with the EIS, as per Appendix 2 of this criteria (d) the Development Layout is being adhered to (e) works are being undertaken generally in accordance with the mitigation measures in Appendix 2 of this criteria	Not compliant
A3.	Consistent with the requirements in this consent, the Planning Secretary may make written directions to the Applicant in relation to: (a) the content of any strategy, study, system, plan, program, review, audit, notification, report or correspondence submitted under or otherwise made in relation to this consent, including those that are required to be, and have been, approved by the Planning Secretary; and (b) the implementation of any actions or measures contained in any such document referred to in Condition A3(a).	Interview H Lane	No written directions have been made during the reporting period.	Not triggered
A4.	The conditions of this consent and directions of the Planning Secretary prevail to the extent of any inconsistency, ambiguity or conflict between them and a document listed in Condition A2(c) and the revised management and mitigation measures in Appendix 2. In the event of an inconsistency, ambiguity or conflict between any of the documents listed in Condition A2(c) and the revised management and mitigation measures, the most recent document prevails to the extent of the inconsistency, ambiguity or conflict. <i>Note: For the purposes of this condition, there will be an inconsistency between documents if it is not possible to comply with both documents, or in the case of a condition of consent or direction of the Planning Secretary, and a document, if it is not possible to comply with both the condition or direction, and the document.</i>		Noted	Not triggered
A5.	This consent lapses five years after the date from which it operates, unless the development has physically commenced on the land to which the consent applies before that date.	Site visit Independent Audit – Southern Water Supply Storage – SSD 7089, Audit Number 2 (NGH, January 2024)	Development has commenced within specified timeframe	Compliant
A6.	Clearing of vegetation is not permitted outside the construction boundaries shown in Appendix 1.	Interview K McCann Site inspection Flora and Fauna Management Plan Eurobodalla Southern Water Supply Storage SSD7089 RevH (Haslin, 9/11/2023)	Clearing has not exceeded allowable limits as observed at time of audit - noting that the majority of clearing has been completed. Adjustments from the original clearing area have been made based on design changes, however these have not contributed to more than the original approved amount of vegetation clearing, nor have they been comprised of PCTs different to those originally approved for clearing. The updated CFFMP (Revision H, 26/10/2023), endorsed by DPE, details the approved clearing limit amendments. Flagging has been clearing erected on site indicating areas of retained vegetation and staff thoroughly understand clearing processes outlined in the FFMP.	Compliant
A7.	The volume of water extracted from the Tuross River and Tuross River bore field must be in accordance with surface and groundwater access licences.	Site inspection Interview H Lane	Bore field records appear to be in accordance with the requirements of this condition. ESC provide copies of Compliance Reports required under 3c of each section of the licence conditions (10BL165761) however no water extracted from Tuross River or bore field has been relevant to the development during the reporting period as it is not yet operational.	Not triggered
A8.	Water extraction from the Tuross River Intake must only occur at flow levels specified in the water access licence or when river flows are at or above 20ML/day at the reference point, whichever is highest.	Site inspection Interview H Lane	Tuross River Intake not operational during audit period	Not triggered
A9.	The full supply water level must not exceed 47.7m AHD.	Independent Audit – Southern Water Supply Storage – SSD 7089, Audit Number 2 (NGH, January 2024)	Water Supply Storage (dam) had not been constructed during the audit period (or at time of reporting), however it is noted that compliance with this would be achieved based on design (spill way below 47.7m AHD hence water supply storage physically can not hold water levels greater than 47.7m AHD).	Compliant
A10.	The date of commencement of each of the following phases of the development must be notified to the Department in writing, at least one month before that date: (a) construction; (b) operation; and (c) cessation of operations.	Independent Audit – Southern Water Supply Storage – SSD 7089, Audit Number 1 (NGH, July 2023)	Letter from Council sent to DPE dated 19 December 2019. Stage 1 works commenced May 2020. The first audit of the Project found that the Project was compliant with this condition.	Compliant
A11.	If the construction or operation of the development is to be staged, the Department must be notified in writing at least one month before the commencement of each stage, of the date of commencement and the development to be carried out in that stage.	Independent Audit – Southern Water Supply Storage – SSD 7089, Audit Number 1 (NGH, July 2023)	Approval letter from DPE received March 2020 confirming staging; construction commencement for Stage 1 began May 2020. DPE notified October 2020 (Staging Program provided for Stage 2, 3, 4 and 5). Stage 2 commenced July 2020, Stage 3 commenced Dec 2021. DPE further notified April 2021, Stage 4 commenced February 2022; Stage 5 commenced June 2022.	Compliant
A12.	(a) Where conditions of this consent require consultation with an identified party, the Applicant must: (b) consult with the relevant party prior to submitting the subject document to the Planning Secretary for approval; and (c) provide details of the consultation undertaken including: (i) the outcome of that consultation, matters resolved and unresolved; and details of any disagreement remaining between the party consulted and the Applicant and how the Applicant has addressed the matters not resolved.	Independent Audit – Southern Water Supply Storage – SSD 7089, Audit Number 2 (NGH, January 2024)	Noted, subject documents reviewed (refer consent conditions relevant to management plans for further detail) and such documents contain required level of consultation. The second audit of the Project found that the Project was compliant with this condition.	Compliant
A13.	With the approval of the Planning Secretary, the Applicant may: (a) prepare and submit any strategy, plan or program required by this consent on a staged basis (if a clear description is provided as to the specific stage and scope of the development to which the strategy, plan or program applies, the relationship of the stage to any future stages and the trigger for updating the strategy, plan or program); (b) combine any strategy, plan or program required by this consent (if a clear relationship is demonstrated between the strategies, plans or programs that are proposed to be combined); and (c) update any strategy, plan or program required by this consent (to ensure the strategies, plans and programs required under this consent are updated on a regular basis and incorporate additional measures or amendments to improve the environmental performance of the development).	Independent Audit – Southern Water Supply Storage – SSD 7089, Audit Number 1 (NGH, July 2023)	Water Storage Supply Project has been constructed in five distinct stages of development. DPE have been notified of the stages via initial staging request, supplemented with regular updates to staging program via direct emails and/ or submissions of draft CEMPs and associated subplans, for each stage. The first audit of the Project found that the Project was compliant with this condition (a). The update of plans is addressed against Condition C7.	Compliant
A14.	If the Planning Secretary agrees, a strategy, plan or program may be staged or updated without consultation being undertaken with all parties required to be consulted in the relevant condition in this consent.	Independent Audit – Southern Water Supply Storage – SSD 7089, Audit Number 1 (NGH, July 2023)	Stage 1 CEMP was approved by Secretary referencing Condition A14. The first audit of the Project found that the Project was compliant with this condition.	Compliant
A15.	If approved by the Planning Secretary, updated strategies, plans or programs supersede the previous versions of them and must be implemented in accordance with the condition that requires the strategy, plan or program.		Noted	Not triggered
A16.	Before the commencement of construction, the Applicant must consult with the relevant owner and provider of services that are likely to be affected by the development to make suitable arrangements for access to, diversion, protection and support of the affected infrastructure;	Acquisition of part Lot 2 DP 1168581 in entirety by financial agreement, May 2020. Deed of Agreement for early access into Forestry land (majority of Project site) May 2020. Further Memorandum of Understanding between ESC and Forestry which details terms, responsibilities, environmental mitigation measures required and dispute resolution (amongst other items).	The first audit of the Project found that the Project was compliant with this condition.	Compliant
A17.	Unless the Applicant and the applicable authority agree otherwise, the Applicant must: (a) repair, or pay the full costs associated with repairing, any public infrastructure that is damaged by carrying out the development; and (b) relocate, or pay the full costs associated with relocating, any public infrastructure that needs to be relocated as a result of the development.	Interview H Lane	No repairs or relocation of public services required during the audit period. Ongoing maintenance to Eurobodalla Road is undertaken by the Proponent, ESC.	Not triggered
A18.	All demolition must be carried out in accordance with Australian Standard AS 2601-2001 The Demolition of Structures (Standards Australia, 2001).	Site visit Interview H Lane	No demolition required during audit period	Not triggered

A19.	All new buildings and structures, and any alterations or additions to existing buildings and structures, that are part of the development, must be constructed in accordance with the relevant requirements of the BCA.	Site visit Interview H Lane	No new buildings constructed and no alterations made to existing structures during the reporting period.	Not triggered
A20.	The development must comply with Dam Safety Committee guidance.	Dam design was peer reviewed by Entura ("Independent Peer Review of the detailed design of Eurobodalla Southern Storage" September 2016) confirming this to be the case	Development complies with Dam Safety Committee (NSW DSC) guidance, the recommendations provided in the Australian National Committee on Large Dams (ANCOLD) guidelines, as well as other Australian and international dam publications that represent current practice in dam engineering. The first audit of the Project found that the Project was compliant with this condition.	Compliant
A21.	The Applicant must ensure that all of its employees, contractors (and their sub-contractors) are made aware of, and are instructed to comply with, the conditions of this consent relevant to activities they carry out in respect of the development.	Stage 5: Haslin induction viewed (and auditor signed on to also in July 2024, in order to access site), Management Plan Awareness and Training detail.	Project employees, contractors (and their sub-contractors) were made aware of, and were instructed to comply with, the conditions of this consent relevant to activities of their scope during the audit period.	Compliant
A22.	All plant and equipment used on site, or to monitor the performance of the development must be: (a) maintained in a proper and efficient condition; and (b) operated in a proper and efficient manner.	Site inspection Haslin Equipment Induction Details – Watercart P450 Bulk Carrier/Hopper 2019 – Scania (inducted 22/05/2024) Haslin Equipment Induction Details – Telehandler 525-60 HI VIZ Loadall - JCB (inducted 24/02/2024) Haslin Equipment Induction Details – Non-Slewing Mobile Crane At22 - Terex (inducted 8/05/2024)	The audit found that plant and equipment on site were generally being maintained and operated in good condition, with the exception of one generator observed producing visible smoke. A sample of plant and equipment records indicated a regular maintenance schedule and confirmed that plant and equipment are appropriately managed and serviced by Haslin.	Compliant
A23.	References in the conditions of this consent to any guideline, protocol, Australian Standard or policy are to such guidelines, protocols, Standards or policies in the form they are in as at the date of this consent.		Noted	Not triggered
A24.	However, consistent with the conditions of this consent and without altering any limits or criteria in this consent, the Planning Secretary may, when issuing directions under this consent in respect of ongoing monitoring and management obligations, require compliance with an updated or revised version of such a guideline, protocol, Standard or policy, or a replacement of them.	Independent Audit – Southern Water Supply Storage – SSD 7089, Audit Number 1 (NGH, July 2023) Site inspection	ESC were issued a direction by the Planning Secretary in February 2023 to comply with the management obligations under the revised/ updated version of the <i>Independent Audit Post Approval Requirements (2020)</i> document (i.e. undertake an Independent Audit in accordance with this 2020 Requirement). A second audit was completed within 26 weeks following the initial audit (audit 1) as per the requirements of the IAPAR, 2020. The third audit (this audit) was not compliant with the IAPAR as the audit was not undertaken within the required 26-week timeframe.	Not compliant
AN1	All licences, permits, approvals and consents as required by law must be obtained and maintained as required for the development. No condition of this consent removes any obligation to obtain, renew or comply with such licences, permits, approvals and consents.	Environment Protection Authority - Licence - 21767 - NSW Licence version date: 22-Dec-2022	Noted - EPL for quarrying received December 2022, annual return for 22 - 23 submitted 19/02/2024.	Compliant
Part B Specific Environmental Conditions				
B1.	The water intake must be designed to reduce the potential uptake of fish by ensuring the flow velocity 8 cm from the intake screen is no greater than 0.1 m/sec, using intake screens with apertures no larger than 3 mm and/or other measures as agreed in consultation with DPIE Fisheries.	Independent Audit – Southern Water Supply Storage – SSD 7089, Audit Number 1 (NGH, July 2023)	The water intake is designed to reduce the potential uptake of fish (inlet screen Quay Civil proprietary screen in accordance with technical specifications, flow control embedded in design). The first audit of the Project found that the Project was compliant with this condition.	Compliant
B2.	No more than 54.61 ha of native vegetation is to be cleared.	Site inspection Interview H Lane	Based on design changes, the final design is an area less than assessed in the EIS and therefore less than 54.61ha at the time of audit. Vegetation clearing extent at the time of audit was within the permitted 54.61 ha.	Compliant
B3.	Prior to clearing of native vegetation, the Applicant must prepare a Construction Flora and Fauna Management Plan (CFFMP) in consultation with DPIE Fisheries and to the satisfaction of the Planning Secretary.	Independent Audit – Southern Water Supply Storage – SSD 7089, Audit Number 1 (NGH, July 2023)	The first audit of the Project found that the Project was compliant with this condition.	Compliant
B4.	The CFFMP must form part of the CEMP required by Condition C2 and, in addition to the general management plan requirements listed in Condition C1, the CFFMP must include the following: (a) measures to ensure biodiversity values not intended to be impacted are delineated by mapping of 'no-go areas' and the installation of on-site measures such as temporary exclusion fencing prior to clearing; (b) measures to minimise the risk of introducing weed species via construction vehicles, plant and equipment and control of pest and weed species existing at the site; (c) method of vegetation removal and measures to minimise impacts outside the water storage facility construction boundary and within the perimeter road construction boundary as a result of the equipment used for clearing and general access for heavy vehicles and construction plant and equipment; (d) options to reuse cleared vegetation, in preference to burning, such as relocation of hollow logs for habitat and mulch for use in areas to be revegetated within the site and use elsewhere within the local area; measures to minimise the impacts on fauna within the site including the installation of nest boxes prior to clearing, relocation of fauna to adjacent habitat (including any fish during dewatering of the cofferdam), staged clearing and timing of clearing outside breeding seasons; and (f) details on rehabilitation and revegetation including: (i) use of locally indigenous plant species including collection of seed prior to clearing for this purpose; for construction areas outside the full supply level including the construction compounds, on-site quarry areas and the new storage access road batters; (ii) for construction areas outside the full supply level including the construction compounds, on-site quarry areas and the new storage access road batters; (iii) for the construction area at the existing water treatment plant (WTP) including for the bed and banks of the Tuross River affected by the temporary cofferdam.	Flora and Fauna Management Plan Eurobodalla Southern Water Supply Storage SSD7089 RevH (Haslin, 9/11/2023) Independent Audit – Southern Water Supply Storage – SSD 7089, Audit Number 2 (NGH, January 2024)	CFFMPs were approved by DPE for all Stages and Stage 5 CFFMP has been updated sufficiently. The second audit of the Project found that the Project was compliant with this condition and no updates to the CFFMP have been made during the reporting period (last update 9/11/2023).	Compliant
B5.	Prior to removing/clearing any vegetation or any demolition, pre-clearing surveys and inspections for threatened species must be undertaken. The surveys and inspections, and any subsequent relocation of species and associated management measures, must be undertaken under the guidance of a suitably qualified and experienced ecologist.	Stage 1: Southern Cross Environmental ecology survey was completed 13th May 2020; 22nd May 2020; 28th May 2020 and fauna species considered possible to occur (inclusive of threatened species) were searched for. This survey was completed prior to and during vegetation removal. Stage 3: Southern Cross Environmental ecology survey was completed 10th January 2022. Stage 4: Southern Cross Environmental ecology survey was completed 9th, 24th, 25th, 28th and 29th of January and 1st, 2nd and 10th of February. Stage 5 FFMP provides for pre-clearance checklist to be completed prior to clearing	The majority of the site had been cleared prior to the audit period for the second audit. The first audit (May 2023) found that vegetation removal was undertaken via pre-clearance surveys in accordance with the requirements of this condition.	Compliant
B6.	The Applicant must: (a) not commence any clearing work until the CFFMP is approved by the Planning Secretary; and (b) implement the most recent version of the CFFMP approved by the Planning Secretary for the duration of works.	Stage 1 CFFMP approved March 2020; clearing commenced May 2020; Stage 2 submitted to DPE November 2020 (no clearing works undertaken, Stage 2 commenced July 2020); Stage 3 notified 3 December 2021, clearing works commenced later in December 2021; stage 4 approved 4 February 2021, clearing works commenced later in February 2021; Stage 5 approved by DPE 13 October 2022, clearing works commenced November 2022	Clearing works did not commence until after CFFMPs were approved by DPE for all stages that included vegetation removal. Latest CFFMP (Revision H, October 2023) was available via the projects website at time of audit.	Compliant
B7.	Before any clearing or construction works, the Applicant must submit a Biodiversity Offset Strategy to the Planning Secretary for approval.	Biodiversity Offset Strategy document viewed (SMEC, 2021 V04.4). Revision History commenced February 2019 (Rev 1) through to October 2021 (Rev 4.4). Approval letter from DPE (11th March 2020) approving BOS Rev 3 in relation to TRIPS site only. ESC letter to Planning (Ref: SO32-T00009) dated 3 December 2021, relating to ESC submitting a revised BOS in relation to Biodiversity Conservation Division comments re updated BOS.	Biodiversity Offset Strategy submitted to Planning for approval (TRIPS, March 2020) before clearing or construction commenced for TRIPS (May 2020). Updated BOS submitted to Planning for approval prior to 19 November 2021, clearing and construction works (Stage 3) commenced December 2021.	Compliant
B8.	Within 24 months of approval of the Biodiversity Offset Strategy, or another timeframe agreed to by the Planning Secretary, the Applicant must prepare and implement a Biodiversity Offset Package which outlines how the retirement of credits will be achieved in accordance with the NSW Biodiversity Offsets Policy for Major Projects, i.e. by: (a) acquiring or retiring credits under the Biobanking scheme established under the then <i>Threatened Species Conservation Act 1995</i> ; (b) making payments into an offset fund that has been established by the NSW Government; or	DPIE Letter (9/12/2021) approving BOS (Rev 4.5) Interview H Lane Email correspondence - ESC to DPHI - SSD 7089 Eurobodalla Southern Storage Biodiversity Offset Requirements (14/08/2024)	To achieve this timeframe, the Biodiversity Offset Package would have to have been implemented by 19th December 2023 (24 months from approval of the BOS). ESC have resolved to retire the biodiversity credits it owns, consistent with the approved Biodiversity Offset Strategy. In November 2023 ESC applied to the Biodiversity Offsets Scheme to convert the existing credits as calculated to BAM credits. At the time of the third audit, consultation between the Department and ESC regarding the implementation of the Biodiversity Offset Package was ongoing and the implementation	Not compliant

	(c) providing suitable supplementary measures.		has not yet been resolved. This condition is not compliant due to not meeting the required timeframe however it is noted that ESC is in consultation with the Department with the intention to retire credits prior to the commencement of operation.	
B9.	Before commencement of operation of the water storage, the Applicant must retire the biodiversity credits of a number and class specified in Tables 1 and 2.		Operation of the Project has not yet commenced.	Not triggered
B10.	The retirement of credits must be determined in accordance with the OEH's <i>Framework for Biodiversity Assessment (FBA) and the Biobanking Assessment Methodology 2014 (BBAM)</i> . <i>Note: If the Applicant seeks a variation to the offset rules, the Applicant must demonstrate that reasonable steps have been taken to find like-for-like offsets in accordance with Section 10.5.4.2 of the FBA and Appendix A of the OEH's NSW Biodiversity Offsets Policy for Major Projects 2014</i>		Operation of the Project has not yet commenced.	Not triggered
B11.	The OEMP required under Condition C5, must include details on: (a) management and maintenance of revegetated areas until vegetation is established; (b) fauna habitat maintenance and nest box maintenance and monitoring; and (c) control of pest and weed species.	Interview H Lane Site visit	OEMP requirement has not yet been triggered as operation is not anticipated until 2025.	Not triggered
B12.	The Applicant must: (a) ensure that only VENM, ENM, or other material approved in writing by EPA is brought onto the site; (b) keep accurate records of the volume and type of fill to be used; and (c) make these records available to the Department upon request.	Haslin Quarries Materials Register – ESWSS Project 234	Material volumes register readily available. Material brought to site during the reporting period was solely sourced from Eurobodalla Quarries and consisted of clay material for construction of the dam wall. Material tracked in tonnes.	Compliant
B13.	Prior to commencement of any surface disturbance the Applicant must prepare a Construction Soil and Water Management Plan (SWMP) as part of the CEMP required by Condition C2. The Construction Soil and Water Management Plan must be prepared by a suitable qualified person(s) in consultation with the EPA and include: (a) guidelines and procedures to reuse dirty water collected in sediment basins with reuse prioritised over discharge to receiving waters; (b) an assessment of cumulative risks associated with sediment pond settling agents; (c) discharge criteria based on an assessment of potential impacts against the NSW Water Quality Objectives (WQO) for receiving waters; (d) identification and implementation of mitigation measures to avoid pollution including, but not limited to, dosing procedures, discharge procedures, direct ecotoxicology testing; a detailed Erosion and Sediment Control Plan prepared in consultation with DPIE Fisheries and Water (in addition to the EPA); and (e) evidence of consultation with the EPA and DPIE Fisheries and Water.	Soil and Water Management Plan Eurobodalla Southern Water Supply Storage SSD7089 RevD (Haslin, 21/10/2022) Independent Audit – Southern Water Supply Storage – SSD 7089, Audit Number 2 (NGH, January 2024)	Stage 1 clearing commenced May 2020, management plans approved March 2020. SWMP (subplans) were reviewed and approved by DPE. CSWMP RevD (Haslin, 2022) details mitigation measures to ensure adequate control of potential impacts as a result of erosion and sediment control, and surface water quality. These were found to generally be effective, installed, and maintained adequately. It was noted, however, that some mitigation measures identified in the SWMP were not understood by site personnel (i.e. "monitoring of spoil, fill and materials stockpile site records."). The second audit recommended that the SWMP be reviewed by an appointed Soil Conservationist and updated to remove any redundant mitigation measures that do not apply to the Eurobodalla Southern Water Supply Storage project. This recommendation is still in place at the time of the third audit.	Compliant
B14.	Erosion and sediment control measures must: (a) be in accordance with the relevant requirements of <i>Managing Urban Stormwater: Soils and Construction</i> Volume 1 (Landcom, 2004) and mitigation measures outlined in the <i>Policy and guidelines for fish habitat conservation and management (DPI 2013)</i> ; and (b) have sediment basins sized to a 90th or 95th percentile 5-day rainfall depth or as otherwise agreed with the EPA during the preparation of the Erosion and Sediment Control Plan referred to in Condition B13(e).	Soil and Water Management Plan Eurobodalla Southern Water Supply Storage SSD7089 RevD (Haslin, 21/10/2022) Independent Audit – Southern Water Supply Storage – SSD 7089, Audit Number 2 (NGH, January 2024) Site inspection	Stages 1 - 5 SWMP contain erosion and sediment control measures that reference the requirements of <i>Managing Urban Stormwater: Soils and Construction</i> Volume 1 (Landcom, 2004); and reference the requirement to have sediment basins sized to a 90th or 95th percentile 5-day rainfall depth.	Compliant
B15.	The development must comply with section 120 of the POEO Act, which prohibits the pollution of waters, except as expressly provided for in an EPL.	DPHI email correspondence SSD-7089-PA-34 – Eurobodalla Water Supply – Dirty water incident (29/01/2024) DPHI email correspondence SSD-7089-PA-37 – Eurobodalla Water Supply – Dirty water incident (29/01/2024) DPHI email correspondence SSD-7089-PA-39 – Eurobodalla Water Supply – sediment laden water discharge event – 5th to 7th of April 2024 (29/01/2024) (31/05/2024) DPHI email correspondence – Eurobodalla Water Supply – Sediment Laden Water Discharge off site Incident – 10th to 12th May 2024 (19/07/2024)	During the site inspection, erosion and sediment controls appeared in good working order and site staff had a robust understanding of water management within the Project, including obligations under the SWMP, EPL and the Project Consent. The environmental incidents listed in Section 3.10, although potentially over-design events, did not comply with this Condition. EPL 21767 Condition L1.1 (Pollution of Waters) specifies that the licensee must comply with s120 of the POEO Act. No other condition of the EPL specifies allowable water discharge pollution limits that would negate the overarching requirement to comply with s120. To address this, it is recommended that the Proponent consider amending the EPL in consultation with the EPA to include rainfall event limits that would define an 'over-design' event.	Not compliant
B16.	The Applicant must store all chemicals, fuels and oils used on-site in accordance with: (a) the requirements of all relevant Australian Standards; and (b) the NSW EPA's <i>Storing and Handling of Liquids: Environmental Protection – Participants Manual</i> if the chemicals are liquids.	Site visit Interview K McCann	Evidence of chemical storage rectification, based on the findings of Audit 2, observed during third IEA site visit	Compliant
B17.	In the event of an inconsistency between the requirements Conditions B16(a) and B16(b), the most stringent requirement must prevail to the extent of the inconsistency.		Noted	Not triggered
B18.	The Applicant must: (a) design and manage stormwater runoff from access roads so that it does not result in erosion and pollution of receiving waters; (b) maintain erosion control measures downstream of the spillway, storage outlet works and at the river intake; and (c) use natural materials, such as rock rip rap, for erosion and river bank protection.	Soil and Water Management Plan Eurobodalla Southern Water Supply Storage SSD7089 RevD (Haslin, 21/10/2022) Site inspection	SWMP contains mitigation measures to minimise/ prevent stormwater runoff from access roads, maintain erosion control measures downstream and usage of natural materials for erosion and river bank protection. Site inspection confirmed appropriate ESC measures in place and no within-design incidents have occurred during the reporting period.	Compliant
B19.	Stormwater design must be in accordance with <i>Australian Rainfall and Runoff (Engineers Australia, 2016)</i> and <i>Managing Urban Stormwater: Council Handbook (EPA, 1997)</i> .	Independent Audit – Southern Water Supply Storage – SSD 7089, Audit Number 1 (NGH, July 2023)	Stages 1 - 5 utilised Soil Conservation Consultants in the preparation of Erosion and Sediment Control Plans, which were developed in accordance with the principles and practices detailed in <i>Managing Urban Stormwater Soils and Construction (the Bluebook)</i> (Landcom, 2004), Volume 2D: Main Road construction (DECC 2008). Mitigation measures to control storm water flows through the site are identified. The first audit of the Project found that the Project was compliant with this condition.	Compliant
B20.	The CEMP required by Condition C2 and OEMP required by Condition C5 must include emergency response procedures in the event of flooding or bushfire.	Construction Environmental Management Plan Eurobodalla Southern Water Supply Storage SSD7089 RevD (Haslin, 21/10/2022) Independent Audit – Southern Water Supply Storage – SSD 7089, Audit Number 2 (NGH, January 2024)	Section 7.7 of the CEMP (Stage 5) references the Emergency Plan (SEQ-TP-037) that has been developed as part of the Safety Management Plan. The Emergency Plan contains this detail - the second audit of the Project found that the Project was compliant with this condition and no changes have been made since this review. It is recommended that the Emergency Plan is included as an appendix to the CEMP as its status as a separate document does not meet the requirements of this condition.	Not compliant
B21.	Prior to the commencement of operation, the Applicant must prepare a Water Storage Emergency Plan complying with the <i>State Emergency and Rescue Management Act 1989</i> .		Operation of the Project has not yet commenced.	Not triggered
B22.	Prior to the commencement of operation, the Applicant must prepare a Water Management Plan for the Planning Secretary's approval. The Water Management Plan must form part of the OEMP required by Condition C4. The Water Management Plan must: (a) be prepared by a suitably qualified and experienced person(s); (b) be prepared in consultation with DPIE Water and Fisheries; (c) detail the water access licence requirements for the development; (d) include details of existing baseline river water quality and groundwater quality and levels; (e) set out water and groundwater quality and river flow objectives; (f) detail criteria and triggers for: (i) transfer of water from the river intake to the water storage; (ii) transfer of groundwater from the bore field to the water storage; (iii) transfer of groundwater from the bore field directly to the WTP; (iv) transfer of water from the storage to the WTP including draw-off level; (v) discharge of water from the storage outlet works to the unnamed stream; (vi) operation of the water storage thermal mixing system; (vii) operation of the water storage spillway; (g) contain a program (including sampling locations, parameters, frequency and duration) to monitor: (i) changes to channel morphology in the vicinity of the river raw water intake; (ii) water quality and river flows at the raw water intake; (iii) water storage surface levels; (iv) water quality within the storage water column; (h) the effectiveness of the thermal mixing system; (vi) water quality of storage water transferred to the WTP;		Operation of the Project has not yet commenced.	Not triggered

	(iii) seepage through the water storage embankment; (viii) groundwater levels at the forefield near the WTP; (ix) groundwater levels and groundwater quality along the unnamed stream channel downstream of water storage embankment, including baseline monitoring; (h) identify mitigation and management measures to address impacts such as: (i) exceedance of water quality criteria; and (ii) drawdown at existing bores.			
B23.	The Applicant must: (a) Not commence operation until the Water Management Plan required by Condition B22 is approved by the Planning Secretary; and (b) Implement the most recent version of the Water Management Plan approved by the Planning Secretary for the duration of the development.		Operation of the Project has not yet commenced.	Not triggered
B24.	Within one month after the water storage has been operational for 12 months and annually thereafter during operation, or another time period as agreed by the Planning Secretary, the applicant must submit a Site Water Balance Report to the Planning Secretary and NRAR. The Site Water Balance Report must identify all water sources entering and leaving the water storage where practical and as agreed with NRAR.		Operation of the Project has not yet commenced.	Not triggered
B25.	The Applicant must take all reasonable steps to minimise dust generated during all works authorised by this consent.	Site inspection Haslin Community Complaints and Communications Register – ESWSS Project 234	CEMP and subplans for all stages include mitigation measures for dust minimisation. Multiple water carts observed in operation during the site inspection and no dust complaints were received during the reporting period.	Compliant
B26.	During construction, the Applicant must ensure that: (a) Unsealed roads used for truck access and exposed surfaces and stockpiles within the construction area are regularly watered to suppress dust; (b) all trucks entering or leaving the site with loads have their loads covered; (c) trucks associated with the development do not track dirt onto the public road network; (d) public roads used by these trucks are kept clean; and (e) measures are implemented to minimise dust from exposed surfaces following vegetation clearing and until transfer of storage water to the WTP.	Site inspection Construction Environmental Management Plan Eurobodalla Southern Water Supply Storage SSD7089 RevD (Haslin, 21/10/2022)	Multiple water carts observed in operation during the site inspection. CEMP references the requirement for loads to be covered (AQ17), no complaints regarding debris or mud tracking on the public road system have been recorded to date. Public roads were observed as clean during the site inspection and stabilised entry/exit points are in place.	Compliant
B27.	The Applicant must install and operate equipment in line with best practice to ensure that the development complies with all load limits, air quality criteria/air emission limits and air quality monitoring requirements as specified in the EPL applicable to the site.	Site inspection Haslin Equipment Induction Details – Watercart P450 Bulk Carrier/Hopper 2019 – Scania (inducted 22/05/2024) Haslin Equipment Induction Details – Telehandler 525-60 HI VIZ Loadall - JCB (inducted 24/02/2024) Haslin Equipment Induction Details – Non-Slewing Mobile Crane At22 - Terex (inducted 8/05/2024)	The audit found that plant and equipment on site were generally being maintained and operated in good condition, with the exception of one generator observed producing visible smoke. A sample of plant and equipment records indicated a regular maintenance schedule and confirmed that plant and equipment are appropriately managed and serviced by Haslin.	Compliant
B28.	Prior to the commencement of construction, the Applicant must prepare a Construction Traffic Management Plan for the development. The plan must form part of the CEMP required by Condition C2 and must: (a) be prepared by a suitably qualified and experienced person(s); (b) include a Road Safety Audit for the Eurobodalla Road/Nerrigundah Mountain Road intersection in accordance with the relevant Austroads guidelines; (c) detail the measures that are to be implemented to ensure road safety during construction; (d) detail heavy vehicle routes, access and parking arrangements; and (e) include procedures for notifying residents of the duration and times when heavy vehicles are accessing the site via particular routes and in particular Waincourt Road.	Independent Audit – Southern Water Supply Storage – SSD 7089, Audit Number 1 (NGH, July 2023)	The first audit of the Project found that the Project was compliant with this condition.	Compliant
B29.	The Applicant must: (a) not commence construction until the Construction Traffic Management Plan is prepared in accordance with Condition B28; and (b) implement the most recent version of the Construction Traffic Management Plan for the duration of construction.	CEMP Traffic Management Sub-Plan Eurobodalla Southern Storage Project Rev0 (Haslin, 17/08/2022) Independent Audit – Southern Water Supply Storage – SSD 7089, Audit Number 1 (NGH, July 2023)	CEMPs and associated TMPs were submitted to DPE for approval prior to works commencing for all stages. Stage 1 was determined to not require a TMP by the DPE. Most recent version of TMP (Rev0) was available for Stage 5 at time of the third audit. The first audit of the Project found that the Project was compliant with this condition.	Compliant
B30.	The Applicant must ensure that public access is managed to prevent erosion or damage to native vegetation by restricting access through site fencing to pedestrians	Site inspection	The site is in a rural location with no footpaths, therefore pedestrians have not been encountered to date. Irrespective, the site is fenced as a construction site.	Compliant
B31.	The Applicant must comply with the hours detailed in Table 3, unless otherwise agreed in writing by the Planning Secretary.	Interview H Lane	Operating hours are in accordance with this requirement as per B32.	Compliant
B32.	Works outside of the hours identified in Condition B31 may be undertaken in the following circumstances: (a) works that are inaudible at the nearest sensitive receivers; or (b) for the delivery of materials required outside these hours by the NSW Police Force or other authorities for safety reasons; or (c) where it is required in an emergency to avoid the loss of lives, property or to prevent environmental harm; or (d) where a variation is approved in advance in writing by the Planning Secretary or his nominee if appropriate justification is provided for the works.	Interview H Lane	Out of hours Works (Saturday afternoon) are being conducted and are inaudible as per (a). No emergency works have been required during the reporting period.	Compliant
B33.	The development must be constructed to achieve the construction noise management levels detailed in the <i>Interim Construction Noise Guideline (DECC, 2009)</i> (as may be updated or replaced from time to time). All feasible and reasonable noise mitigation measures must be implemented and any activities that could exceed the construction noise management levels must be identified and managed in accordance with the management and mitigation measures in Appendix 2.	Site inspection Noise and Vibration Management Plan Eurobodalla Southern Storage Project RevD (Haslin, 21/10/2022) Haslin Community Complaints and Communications Register – ESWSS Project 234	Noise impacts have been adequately mitigated through management measures detailed in CEMP and associated subplans for all Stages (i.e. Noise and Vibration Management plans) with nil noise complaints to date. Impacts from noise were predicted in the EIS to be low. Development (Project) has been constructed to comply with the construction noise management levels detailed in the ICNG (2009) [soon to be superseded when <i>Draft Construction Noise Guideline</i> (EPA, 2020) is finalised].	Compliant
B34.	The Applicant must prepare a Construction Noise and Vibration Management Plan (NVMP) for the development. The Plan must form part of a CEMP in accordance with Condition C2 and must: (a) be prepared by a suitably qualified and experienced noise expert; (b) describe procedures for achieving the noise management levels in <i>EPA's Interim Construction Noise Guideline (DECC, 2009)</i> (as may be updated or replaced from time to time); (c) describe the measures to be implemented to manage high noise generating works such as blasting, in close proximity to sensitive receivers; and (d) include strategies that have been developed with the affected sensitive receivers for managing high noise generating works.	Noise and Vibration Management Plan Eurobodalla Southern Storage Project RevD (Haslin, 21/10/2022) Independent Audit – Southern Water Supply Storage – SSD 7089, Audit Number 1 (NGH, July 2023)	Construction Noise and Vibration Management Plan (NVMP) have been prepared for Stages 1 through Stage 5. The first audit of the Project found that the Project was compliant with this condition. It is noted that no noise complaints have been received during the reporting period.	Compliant
B35.	The Applicant must: (a) not commence construction of any relevant stage until the Construction Noise and Vibration Management Plan is prepared in accordance with Condition B34; and (b) implement the most recent version of the Construction Noise and Vibration Management Plan for the duration of construction.	Noise and Vibration Management Plan Eurobodalla Southern Storage Project RevD (Haslin, 21/10/2022) Independent Audit – Southern Water Supply Storage – SSD 7089, Audit Number 1 (NGH, July 2023)	Construction Noise and Vibration Management Plans (NVMP) were approved prior to relevant work stages commencing. The first audit of the Project found that the Project was compliant with this condition. The most recent revision (RevD) of the NVMP is currently being implemented.	Compliant
B36.	The overpressure level from blasting operations must not: (a) exceed 1 15dB (Lin Peak) for more than 5% of the total number of blasts over a period of 12 months; and (b) exceed 120dB (Lin Peak) at any time.	Interview H Lane	No blasting has been carried out on the Project to date.	Not triggered
B37.	The air blast overpressure values stated above apply when the measurements are performed with equipment having a lower cut-off frequency of 2Hz or less. If the instrumentation has a higher cut-off frequency then a correction of 5dB should be added to the measured value. Equipment with a lower cut-off frequency exceeding 10Hz should not be used for the purpose of measuring air blast overpressure.			Not triggered
B38.	Ground vibration peak particle velocity from the blasting operations at the premises must not: (a) exceed 5 mm/s for more than 5% of the total number of blasts over a period of 12 months; and (b) exceed 10 mm/s at any time when measured at any point within one metre of any affected residential boundary or other noise sensitive location.			Not triggered
B39.	The hours for blasting operations specified in Condition B31 may be varied if the EPA, having regard to the effect that the proposed variation would have on the amenity of the residents in the locality, gives written consent to the variation.			Not triggered
B40.	If any item or object of Aboriginal heritage significance is identified on site: (a) all work in the immediate vicinity of the suspected Aboriginal item or object must cease immediately; (b) a 10 m wide buffer area around the suspected item or object must be cordoned off; and (c) the EESG must be contacted immediately.	Site inspection Interview H Lane	No unexpected Aboriginal heritage items have been uncovered to date. Site inspection noted heritage exclusion zones in place on site and fencing maintained to ensure no damage.	Not triggered

B41.	Work in the immediate vicinity of the Aboriginal item or object may only recommence in accordance with the provisions of Part 6 of the <i>National Parks and Wildlife Act 1974</i> .	Unexpected Finds Procedure	Compliant	Not triggered
B42.	If any unexpected archaeological relics are uncovered: (a) all work in the immediate vicinity of the find must cease immediately; (b) the Heritage Division DPC must be notified; (c) a suitably qualified and experienced archaeologist must record and assess the significance of the find with the results reported to the Planning Secretary and the Heritage Division DPC; and (d) where required by Heritage Division DPC, a Management Strategy is to be developed and implemented in consultation with the Heritage Division DPC	Unexpected Finds Procedure Interview H Lane	Unexpected Finds Procedure in place, no unexpected archaeological relics are uncovered to date.	Not triggered
B43.	Work in the immediate vicinity of the find may only recommence on the advice of the archaeologist.			Not triggered
B44.	The CEMP required under Condition C2 must detail the quantities of each waste type generated during construction and the proposed reuse, recycling and disposal locations.	Waste Management Plan Eurobodalla Southern Storage Project RevB (Haslin, 16/09/2022)	Table 5-1 of the WMP contains this information.	Compliant
B45.	The Applicant must assess and classify all liquid and non-liquid wastes to be taken off site in accordance with the latest version of EPA's <i>Waste Classification Guidelines Part 1: Classifying Waste (EPA, 2014)</i> and dispose of all wastes to a facility that may lawfully accept the waste.	Haslin Waste Disposal Register (SEQ-TP-017) – ESWSS Project 234	All liquid and non-liquid wastes to be taken off site associated with the Project were adequately classified prior to transportation and sent to a facility licenced for that type of waste. Wastes predominantly liquid wastes (Moruya Treatment Plant) or general solid waste.	Compliant
B46.	The Applicant must retain all sampling and waste classification data for the life of the development in accordance with the requirements of the EPA.	Haslin Waste Disposal Register (SEQ-TP-017) – ESWSS Project 234	No waste classification undertaken (required) for the audit period	Not triggered
PART C ENVIRONMENTAL MANAGEMENT AND REPORTING				
C1.	Management plans required under this consent must be prepared in accordance with relevant guidelines, and include: (a) details of: (i) the relevant statutory requirements (including any relevant approval, licence or lease conditions); (ii) any relevant limits or performance measures and criteria; and (iii) the specific performance indicators that are proposed to be used to judge the performance of, or guide the implementation of, the development or any management measures; (b) a description of the measures to be implemented to comply with the relevant statutory requirements, limits, or performance measures and criteria; (c) a program to monitor and report on the: (i) impacts and environmental performance of the development; (ii) effectiveness of the management measures set out pursuant to paragraph (b) above; (d) a contingency plan to manage any unpredicted impacts and their consequences and to ensure that ongoing impacts reduce to levels below relevant impact assessment criteria as quickly as possible; (e) a program to investigate and implement ways to improve the environmental performance of the development over time; (f) a protocol for managing and reporting any: (i) incident and any non-compliance (specifically including any exceedance of the impact assessment criteria and performance criteria); (ii) complaint; (f) failure to comply with statutory requirements; (g) a protocol for periodic review of the plan. <i>Note: the Planning Secretary may waive some of these requirements if they are unnecessary or unwarranted for particular management plans</i>	Construction Environmental Management Plan Eurobodalla Southern Water Supply Storage SSD7089 RevD (Haslin, 21/10/2022) (including appendices)	Management Plans required under this consent contain the required detail of this condition. The exclusion of emergency response procedures specified in B20 has been adequately addressed by Condition B20 and Condition C3. All other approved management plans are appropriately structured and contain the information required by this condition.	Compliant
C2.	The Applicant must prepare a Construction Environmental Management Plan (CEMP) in accordance with the requirements of Condition C1.	Construction Environmental Management Plan Eurobodalla Southern Water Supply Storage SSD7089 RevD (Haslin, 21/10/2022)	The CEMP relevant to the (current) Stage 5 of the Project satisfies the requirements of Condition C1.	Compliant
C3.	As part of the CEMP required under Condition C2 of this consent, the Applicant must include the following: (a) Construction Flora and Fauna Management Plan (see Condition B3) (b) Construction Soil and Water Management Plan (see Condition B13); (c) emergency response procedures in the event of flooding or bushfire (as required under Condition B20); (d) Construction Traffic Management Plan (see Condition B2B); and (e) Construction Noise and Vibration Management Plan (see Condition B34).	Construction Environmental Management Plan Eurobodalla Southern Water Supply Storage SSD7089 RevD (Haslin, 21/10/2022)	Section 7.7 of the CEMP (Stage 5) references the Emergency Plan (SEQ-TP-037) that has been developed as part of the Safety Management Plan. The CEMP does not currently include emergency response procedures specific to flooding or bushfire. It is noted that Table 1-1 of the CEMP does not reference this specific condition, referencing condition C3 instead, but does not specify a location for 'Emergency Response Procedures in the event of flooding and bushfire'. All other required management plans are included as appendices in the CEMP.	Not compliant
C4.	The Applicant must prepare an Operational Environmental Management Plan (OEMP) in accordance with the requirements of Condition C1.	Noted	Operation of the Project has not yet commenced.	Not triggered
C5.	As part of the OEMP required under Condition C4 of this consent, the Applicant must include the following: (a) describe the role, responsibility, authority and accountability of all key personnel involved in the environmental management of the development; (b) describe the procedures that would be implemented to: (i) keep the local community and relevant agencies informed about the operation and environmental performance of the development; (ii) receive, handle, respond to, and record complaints; (iii) resolve any disputes that may arise; (iv) respond to any non-compliance; (v) respond to emergencies; and (c) include the following environmental management plans: (i) flora and fauna management (as required under Condition B1) (ii) emergency response procedures in the event of flooding or bushfire (as required under Condition B20); (iii) Water Management Plan (see Condition B22).	Site inspection	Operation of the Project has not yet commenced.	Not triggered
C6.	The Applicant must: (a) not commence operation until the OEMP is prepared; and (b) operate the development in accordance with the OEMP (as revised from time to time).	Site inspection	Operation of the Project has not yet commenced.	Not triggered
C7.	Within three months of: (a) the submission of an incident report under Condition C9; (b) the approval of any modification of the conditions of this Consent; or (c) the issue of a direction of the Planning Secretary under Condition A2(b) which requires a review, the strategies, plans and programs required under this consent must be reviewed and submitted to the Planning Secretary.	DPHI email correspondence SSD-7089-PA-34 – Eurobodalla Water Supply – Dirty water incident (29/01/2024) DPHI email correspondence SSD-7089-PA-37 – Eurobodalla Water Supply – Dirty water incident (29/01/2024) DPHI email correspondence SSD-7089-PA-39 – Eurobodalla Water Supply – sediment laden water discharge event – 5th to 7th of April 2024 (29/01/2024) (31/05/2024) DPHI email correspondence – Eurobodalla Water Supply – Sediment Laden Water Discharge off site Incident – 10th to 12th May 2024 (19/07/2024)	Four notifiable environmental incidents occurred during the reporting period, with the first notifiable incident occurring on 29/11/2023. At the time of the third audit, a review of the SWMP was underway however this is over three months following the first incident in the reporting period. Also, all strategies, plans and programs required under the consent must be reviewed and resubmitted.	Not compliant
C8.	If necessary to either improve the environmental performance of the development, cater for a modification or comply with a direction, the strategies, plans and programs required under this consent must be revised, to the satisfaction of the Planning Secretary. Where revisions are required, the revised document must be submitted to the Planning Secretary for approval within six weeks of the review. <i>Note: This is to ensure strategies, plans and programs are updated on a regular basis and to incorporate any recommended measures to improve the environmental performance of the development.</i>	As per C7	As required under condition C7, revisions were triggered by reportable incidents during the reporting period. Revisions were not undertaken and not submitted for approval.	Not compliant
C9.	The Department must be notified in writing to compliance (planning.nsw.gov.au) immediately after the Applicant becomes aware of an incident. The notification must identify the development (including the development application number and the name of the development if it has one), and set out the location and nature of the incident. Subsequent notification requirements must be given and reports submitted in accordance with the requirements set out in Appendix 3.	DPHI email correspondence SSD-7089-PA-34 – Eurobodalla Water Supply – Dirty water incident (29/01/2024) DPHI email correspondence SSD-7089-PA-37 – Eurobodalla Water Supply – Dirty water incident (29/01/2024) DPHI email correspondence SSD-7089-PA-39 – Eurobodalla Water Supply – sediment laden water discharge event – 5th to 7th of April 2024 (29/01/2024) (31/05/2024) DPHI email correspondence – Eurobodalla Water Supply – Sediment Laden Water Discharge off site Incident – 10th to 12th May 2024 (19/07/2024)	Four notifiable environmental incidents occurred during the reporting period. In each correspondence received from DPHI relating to these incidents, the Department stated that it had reviewed the relevant report and "considers it to generally satisfy the conditions of consent in relation to incident reporting". Associated notification documents were reviewed by the auditor during the third audit and, coupled with these DPHI correspondence documents, considers each incident to have been notified and investigated as required.	Compliant
C10.	The Department must be notified in writing to compliance@planning.nsw.gov.au within seven days after the Applicant becomes aware of any non-compliance.	Independent Audit – Southern Water Supply Storage – SSD 7089, Audit Number 2 (NGH, January 2024) Eurobodalla Shire Council Correspondence SO32-T00009 (17/01/2024)	Four non-compliances were raised from the previous audit (Audit 2) on 15/01/2024 (report issue). DPHI was notified on 17/01/2024, compliant with the seven day timeframe requirement of this condition.	Compliant
C11.	A non-compliance notification must identify the development and the application number for it, set out the condition of consent 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.	Eurobodalla Shire Council Correspondence SO32-T00009 (17/01/2024)	Four non-compliances were raised from the previous audit (Audit 2) on 15/01/2024 (report issue). DPHI was notified on 17/01/2024 including the detail required by this condition.	Compliant

C12.	A non-compliance which has been notified as an incident does not need to also be notified as a non-compliance.		Noted	Not triggered
C13.	Construction Compliance Reports and a Pre-Operational Compliance Report of the project must be carried out in accordance with the Compliance Reporting Post Approval Requirements (Department 2018) or any revision as in force from time to time.		The first audit found that written direction from the Secretary had been given, replacing the requirement for Construction Compliance Reports: "The Compliance PAR 2020 removes the requirement for construction compliance reporting however the CR PAR is to be read in conjunction with the IA PAR which requires an independent audit to be conducted within 12 weeks of the commencement of construction and at intervals no greater than 26 weeks from the date of the initial audit."	Not triggered
C14.	The Applicant must make each Compliance Report publicly available no later than 60 days after submitting it to the Department and notify the Department in writing at least 7 days before this is done.		Refer Condition C13.	Not triggered
C15.	At least 48 hours before the commencement of construction until the completion of all works under this consent, including rehabilitation, the Applicant must: (a) make the following information and documents (as they are obtained or approved) publicly available on its website: (i) the documents referred to in Condition A2 of this consent and the final layout plans for the development; (ii) all current statutory approvals for the development; (iii) all strategies, plans and programs required under the conditions of this consent; (iv) regular reporting on the environmental performance of the development in accordance with the reporting requirements in any plans or programs approved under the conditions of this consent; (v) a comprehensive summary of the monitoring results of the development, reported in accordance with the specifications in any conditions of this consent, or any approved plans and programs; (vi) contact details to enquire about the development or to make a complaint; (vii) the Compliance Reporting of the development; (viii) any other matter required by the Planning Secretary; and (b) keep such information up to date, to the satisfaction of the Planning Secretary.	https://www.esc.nsw.gov.au/council/major-projects/current-projects/infrastructure/southern-water-supply-storage	(a) the first audit could not find evidence that at least 48 hours prior to construction commencement, the required documents were made publicly available via the Projects website. This was a finding of the first audit and is considered closed. (iii) the Landscape Management Plan (LMP, October 2023) could not be located on the Project website. The Bushfire Management Plan (or Emergency Plan) required under Appendix 2 Condition 1.2 is not available on the Project website. (viii) written direction was given to Eurobodalla Shire to make the Response to Audit Recommendations (RAR) from the first Audit (June 2023) publicly available by 6/9/2023. At the time of the audit (September 2024), neither the RAR for the first or second audit could be found on the Project website. Both IEA reports are available on the Project website. (b) the project website currently includes up to date information as per the requirements of the majority of this condition, inclusive of a link to the DPE Major Projects portal.	Not compliant
Appendix 2: Applicant's Revised Management and Mitigation Measures				
1.1 CEMP	A CEMP would be prepared to detail the approach to environmental management during construction, as described in Section 20.1.1 and in accordance with the conditions of approval.	Construction Environmental Management Plan Eurobodalla Southern Water Supply Storage SSD7089 RevD (Haslin, 21/10/2022)	The CEMP relevant to the (current) Stage 5 of the Project generally satisfies the requirements of this condition.	Compliant
1.2 CEMP	The CEMP would include a number of sub plans identified in the safeguards and management measures and include: • Traffic management plan • Flora and fauna management plan • Aboriginal heritage management plan • Noise and vibration management sub plan • Construction erosion and sediment control plan • Air quality management plan • Bush fire management plan • Landscape management plan.	Construction Environmental Management Plan Eurobodalla Southern Water Supply Storage SSD7089 RevD (Haslin, 21/10/2022)	The CEMP includes all subplans specified except for a Bushfire Management Plan. Section 7.7 of the CEMP (Stage 5) references the Emergency Plan (SEQ-TP-037) that has been developed as part of the Safety Management Plan. The Emergency Plan contains this detail - the second audit of the Project found that the Project was compliant with this condition and no changes have been made since this review. The Landscape Management Plan is currently not included as an appendix to the CEMP. It is recommended that the Emergency Plan is included as an appendix to the CEMP as its status as a separate document does not meet the requirements of this condition. The LMP has not been included in the CEMP but has been previously sighted during the second audit.	Not compliant
1.3 CEMP Review	DPI Fisheries requests the opportunity to review and provide comment on the: Construction Environmental Management Plan; Erosion and Sediment Control Plan; and Flora and Fauna Management Plan. DPI Fisheries to be provided with advance notice of the submission of the CEMP for review, as a one week turnaround is required for the Principal Contractor to meet the delivery timeframe.	Independent Audit – Southern Water Supply Storage – SSD 7089, Audit Number 1 (NGH, July 2023)	The first audit of the Project found that the Project was compliant with this condition.	Compliant
1.4 OEMP	An OEMP would be prepared to describe operational safeguards and management measures identified. The plan would provide a framework for establishing how these measures would be implemented and who would be responsible for their implementation. The plan would be prepared prior to operation and must be reviewed and certified by Council prior to the commencement of any operational work. The OEMP would be a working document, subject to ongoing change and updated as necessary to respond to specific requirements. The OEMP would include: • a description of activities to be undertaken during operation . • an environmental risk analysis to identify the key environmental performance issues associated with the operation phase • statutory and other obligations that the proponent is required to fulfil during operation, including approvals, consultations and agreements required from authorities and other stakeholders under key legislation and policies • roles and responsibilities for relevant employees involved in operation, including relevant environmental training and induction requirements incident and contingency management procedures • details of how environmental performance would be managed and monitored to meet acceptable outcomes, including what actions would be taken to address identified potential adverse environmental impacts		Operation of the Project has not yet commenced.	Not triggered
2. Water resources and geomorphology				
2.1 Flooding	A Hydrology and Consequence Assessment would be carried out to inform the detailed design. Consideration of mitigation measures would be carried out in consultation with the relevant local authorities (e.g. NSW State Emergency Service) to ensure that flood related outcomes are consistent with floodplain risk management. This would be detailed in the Dam Safety Emergency Plan.	Independent Audit – Southern Water Supply Storage – SSD 7089, Audit Number 1 (NGH, July 2023)	Hydrology and Consequence Assessment provided in Appendix C of EIS for use in detailed design. The first audit of the Project found that the Project was compliant with this condition.	Compliant
2.2 Flooding	Construction planning would consider flood risk for all compounds and work sites. The site layout and staging of construction activities would avoid or minimise obstruction of overland flow paths and limit the extent of flow diversion required	Site inspection	The site layout and staging of construction activities avoids/ minimises obstruction of overland flow paths and limits the extent of overland surface water flow diversion required	Compliant
2.3 Hydrology	Measures to further avoid and minimise the construction footprint will be investigated during detailed design and implemented where practicable and feasible.	Independent Audit – Southern Water Supply Storage – SSD 7089, Audit Number 1 (NGH, July 2023)	Water storage supply (dam) was designed to hold 3ML of water, based on usage requirements. Statement on Pg 65 of design report details a compromise between optimisation of design regarding bank steepness, and stability. Height of dam and therefore footprint of inundation area is defined by requirement for 3GL storage capacity, which was optimised through strategic planning phase of project.	Compliant
2.4 Hydrology	Additional assessment of scour potential would be undertaken as necessary during the detailed design. This would include the development of appropriate mitigation measures.	Independent Audit – Southern Water Supply Storage – SSD 7089, Audit Number 1 (NGH, July 2023)	The first audit of the Project found that the Project was compliant with this condition.	Compliant
2.5 Hydrology	Works within or near watercourses would be undertaken with consideration given to the DPI Water's guidelines for controlled activities.	Independent Audit – Southern Water Supply Storage – SSD 7089, Audit Number 1 (NGH, July 2023)	Works near watercourses have been undertaken with consideration of DPI Water's guidelines for controlled activities. The first audit of the Project found that the Project was compliant with this condition.	Compliant
2.6 Water quality	Water quality control systems would be incorporated into the detailed design to ensure that relevant WQOs can be met during water discharge.	Independent Audit – Southern Water Supply Storage – SSD 7089, Audit Number 1 (NGH, July 2023)	Remix 3000 is incorporated into detailed design (water quality control system). The first audit of the Project found that the Project was compliant with this condition.	Compliant
2.7 Water quality	The current WQMSP will be revised (as necessary) and implemented during construction and operation of the proposal. The plan will specify: • Sampling locations relevant to assessing potential impacts and / or the effectiveness of control measures • the frequency of monitoring and sampling and the triggers for event-based monitoring / sampling • the monitoring and sampling methodology in accordance with relevant guidelines, and the parameters to be monitored and sampled • general and reactive management and mitigation processes • procedures addressing relevant matters specified in relevant legislation and guidelines.	Surface Water Quality Monitoring and Sampling Plan (Rev D, 2022) Independent Audit – Southern Water Supply Storage – SSD 7089, Audit Number 1 (NGH, July 2023) Site inspection	The first audit of the Project found that the Project was compliant with this condition. Monitoring is being undertaken as per the WQMSP.	Compliant
2.8 Water quality	Erosion and sediment mitigation measures would be installed and maintained for the duration of the construction period.	Soil and Water Management Plan Eurobodalla Southern Water Supply Storage SSD7089 RevD (Haslin, 21/10/2022) Site inspection	Appropriate ESC measures are being implemented on site as per the SWMP.	Compliant

2.9 Water quality	Discharges would be monitored to ensure compliance with WQOs and discharge criteria in the environment protection licence.	Eurobodalla Southern Storage Construction Incident #27 – Pollution Event (Haslin, event date 29/11/2023) Eurobodalla Southern Storage Construction Incident #37 – Pollution Event (Haslin, event date 25/12/2023) Eurobodalla Southern Storage Construction Incident #55 – Self Report Pollution Event (Haslin, event date 06/04/2024) Eurobodalla Southern Storage Construction Incident #56 – Self Report Pollution Event (Haslin, event date 10/05/2024 – 12/05/2024)	Following each uncontrolled discharge during the reporting period, water quality monitoring was carried out during controlled discharge activities intended to provide sediment control capacity. Water quality results were reviewed during the audit process and correspondence with the EPA is understood to have been ongoing during these events regarding the use of flocculant.	Compliant
2.10 Water quality	During construction a coffer dam will be in place to cater for medium level events and a sediment and erosion control plan in place to minimise risks of sediment-laden water escaping from the site.	Independent Audit – Southern Water Supply Storage – SSD 7089, Audit Number 2 (NGH, January 2024) Site inspection	The second audit of the Project found that the Project was compliant with this condition. The third audit site inspection observed the coffer dam still in place.	Compliant
2.11 Water quality	Several temporary sediment basins (suited to Type D dispersive soils) are proposed to be located in the main storage construction footprint. The location of the basins is down-gradient of ground disturbance areas. These would be operated as 'wet basins' which are designed to retain sediment laden water for extended periods allowing adequate time for the gravitational settlement of fine sediment particles. These basins would rely on chemical dosing to assist flocculation; the basins would not be drained until suitable water quality is obtained. Discharge from the sediment basins to the environment would only occur during: <ul style="list-style-type: none">Uncontrolled discharges following significant wet weather events leading to basin overflow via spillway (incidental frequency)Controlled discharges following treatment of sediment basin water (periodic frequency).	Site inspection Interview K McCann	Sediment basins were observed during the site inspection and the onsite Senior Environmental Advisor demonstrated a thorough understanding of water management and catchments across the site. Water is used for dust suppression as required and flocculation is undertaken in consultation with the EPA. Discharges have occurred during the reporting period in accordance with this condition.	Compliant
2.12 Water quality	The coffer dam would be constructed early in the program, upslope of the main embankment and is designed to capture and divert stormwater runoff (up to approximately 32 megalitre capacity, suited for flood capacity design criteria of 1 in 10 Annual Exceedance Probability) for the duration of construction. The coffer dam is designed to facilitate up-gradient 'clean water' diversion through the site.	Independent Audit – Southern Water Supply Storage – SSD 7089, Audit Number 2 (NGH, January 2024)	Coffer dam construction completed Q3 2023. The second audit of the Project found that the Project was compliant with this condition.	Compliant
2.13 Water quality	Discharge of water temporarily stored in sediment basins and/or the coffer dam to the Tuross River would, where practicable, be avoided or minimised through practical reuse such as for on-site dust suppression, irrigation, or discharged to vegetated swales, which would act as a natural filter.	Site inspection	Water is used on site as far as practicable, primarily for dust suppression and irrigation. Water has been discharged during the reporting period in instances where capacity of sediment controls needed to be restored following extreme rain events.	Compliant
2.14 Water quality	Sediment basins would discharge soon after rainfall events, avoiding discharges during periods of low flows. Treatment of sediment basins would commence soon after rainfall events using chemical dosing (coagulants and/or flocculants) using either an automatic or manual chemical dosing system. Prior to treatment, jar testing would be used to determine the chemical dosing requirements of the sediment basins.	Site inspection Interview H Lane Eurobodalla Southern Storage Construction Incident #27 – Pollution Event (Haslin, event date 29/11/2023) Eurobodalla Southern Storage Construction Incident #37 – Pollution Event (Haslin, event date 25/12/2023) Eurobodalla Southern Storage Construction Incident #55 – Self Report Pollution Event (Haslin, event date 06/04/2024) Eurobodalla Southern Storage Construction Incident #56 – Self Report Pollution Event (Haslin, event date 10/05/2024 – 12/05/2024)	A review of incident reports prepared by Haslin during the reporting period indicates that dewatering was undertaken following each extreme rainfall event to restore basin capacity. Flocculation was undertaken in consultation with the EPA and water was tested as required to confirm release criteria.	Compliant
2.15 Water quality	The water quality of 'clean water' would be maintained through implementation of appropriate erosion and sediment controls and staged vegetation clearing in upslope areas. The coffer dam outlet will connect to the diversion pipe constructed through the base of the embankment, diverting 'clean' flow through the site to the outlet works.	Site inspection Interview K McCann	Clean water diversions are in place and appropriate ESC devices have been designed and implemented on site.	Compliant
2.16 Water quality	Discharges would not occur during the construction of in-stream features within the Tuross River (i.e. intake pump structures). Temporary in stream structures (i.e. temporary coffer dam) would be constructed in accordance with the NSW DPI policy and guidelines and dewatering activities designed to avoid re-enter the waterway.	Independent Audit – Southern Water Supply Storage – SSD 7089, Audit Number 1 (NGH, July 2023)	No in-stream structures within the Tuross River as barge methodology utilised instead.	Not triggered
2.17 Water quality	Water quality impacts from uncontrolled discharges (i.e. significant wet weather) would be reduced by ensuring adequate size, location and operation & maintenance requirements of the temporary sediment basins. This includes: <ul style="list-style-type: none">Sizing of the basins would account for a minimum of 5-day rainfall depth, 80th percentile rain events in accordance with published guidelines for extended construction period (> 6 months)A series of Progressive Erosion and Sediment Control Plans (PESCP) would be prepared which detail construction sediment basin location and sizing with respect to each individual construction stageNomination of an environmental representative on site to complete audits and monitor PESCPs. Independent audits would be carried out by a soil conservationist or accredited erosion and sediment control professionalOperation and maintenance of sediment basins would refer to available guidance within the industry practice (e.g. Blue Book, 2004 and IECA, 2018).	Site inspection Interview K McCann Soil and Water Management Plan Eurobodalla Southern Water Supply Storage SSD7089 RevD (Haslin, 21/10/2022)	Progressive Erosion and Sediment Control Plans detailing construction sediment basin locations and sizing with respect to each individual construction stage, contain this detail. Basins have been designed for 5-day 90th percentile events. Onsite representative is responsible for the management of these basins and inspections have been carried out as per previous reporting periods. Although four uncontrolled discharges have occurred during the reporting period, design factors implemented prior to this period have ensured that impacts have been minimised as far as is reasonable and feasible.	Compliant
2.18 Water quality	The storage would have continuous de-stratification equipment in place to ensure that water is consistently mixed to avoid issues of de-oxygenated water.	Independent Audit – Southern Water Supply Storage – SSD 7089, Audit Number 1 (NGH, July 2023)	Design drawings reviewed, destratification system incorporated in to design. The first audit of the Project found that the Project was compliant with this condition.	Compliant
2.19 Water quality	Discharge by either the spillway or outlet works (if it occurs) would have erosion protection (i.e. stabilised outlets consisting of rock rip rap) to reduce water velocities and minimise the risk of additional erosion downstream of the storage.	Independent Audit – Southern Water Supply Storage – SSD 7089, Audit Number 1 (NGH, July 2023)	Design drawings reviewed: spillway with stabilised outlet consisting of rock rip rap. The first audit of the Project found that the Project was compliant with this condition.	Compliant
2.20 Water quality	Water quality impacts from controlled discharges would also be reduced by monitoring adequate selection, dosing and management of chemical coagulants and flocculants. This includes: <ul style="list-style-type: none">Consideration would be given to the selection of suitable chemical coagulants and/or flocculants by the contractor's environmental representative. Reference would be made to Safety Data Sheets for Environmental safeguardschemical specific ecotoxicity information. The use of biodegradable products and/or non-hazardous would be considered first preference. Chemical dosing and operation of discharges from sediment basins would be managed by suitably qualified and experienced persons. A detailed plan for management, storage and use of chemical coagulants and/or flocculants would be prepared as part of PESCPsOperation and maintenance of sediment basins would refer to available guidance within the industry practice (e.g. Blue Book, 2004 and IECA, 2018).	Eurobodalla Southern Storage Construction Incident #27 – Pollution Event (Haslin, event date 29/11/2023) Eurobodalla Southern Storage Construction Incident #37 – Pollution Event (Haslin, event date 25/12/2023) Eurobodalla Southern Storage Construction Incident #55 – Self Report Pollution Event (Haslin, event date 06/04/2024) Eurobodalla Southern Storage Construction Incident #56 – Self Report Pollution Event (Haslin, event date 10/05/2024 – 12/05/2024) Site inspection Interview K McCann Soil and Water Management Plan Eurobodalla Southern Water Supply Storage SSD7089 RevD (Haslin, 21/10/2022)	A review of incident reports prepared by Haslin during the reporting period indicates that dewatering was undertaken following each extreme rainfall event to restore basin capacity. Flocculation was undertaken in consultation with the EPA and water was tested as required to confirm release criteria. Toxicity reports for flocc products were attached to EPA correspondence.	Compliant
2.21 Sand slug Tuross River	Council will review the need for mitigation works and management of the Tuross River channel, in particular the movement of the sand slug, to ensure it does not encroach on and impact the pumping infrastructure based on previous experience associated with the operation of original intake pump station that had been in operation since the 1950's		Operation of the Project has not yet commenced.	Not triggered
2.22 Inlet Screen	DPI recommends that self-cleaning meshed screens are installed around the inlet structure to mitigate the uptake of fish and minimise the uptake of larvae and eggs.	Independent Audit – Southern Water Supply Storage – SSD 7089, Audit Number 1 (NGH, July 2023)	Design reviewed and TRIPS designed as such, approved by DPI. The first audit of the Project found that the Project was compliant with this condition.	Compliant
2.23 Water flows	Water extraction will be in accordance with the Tuross River WSP	Interview H Lane	Noted. No water extraction has occurred during the reporting period.	Not triggered
2.24 Temporary structures	Temporary in stream structures will be constructed in accordance with the NSW structures DPI policy guideline and will: <ul style="list-style-type: none">avoid spanning the full width of the waterway channelbe inserted during low-flow periods with management plans being submitted to NSW DPI detailing how high flow events will be managed. Dewatering of temporaryNSW DPI is to be notified 7 days prior to any dewatering activities to organise potential fish rescue activities. A separate s.37 permit may be required from NSWwater is to be pumped a minimum of 30 m away from the waterway and should preferentially not re-enter the waterway. If water is to re-enter the waterway,	Independent Audit – Southern Water Supply Storage – SSD 7089, Audit Number 1 (NGH, July 2023)	TRIPS (Stage 2) was built of a barge therefore these elements, although provided for by mitigation measures in approved management plans, were not applicable. The first audit of the Project found that the Project was compliant with this condition.	Compliant
3. Biodiversity				
3.1 Biodiversity - construction	A Flora and Fauna Management Plan will be prepared and implemented as construction part of the CEMP. It will include, but not be limited to: <ul style="list-style-type: none">plans showing areas to be cleared and areas to be protected, including exclusion zones, protected habitat features and revegetation areaspre-clearing survey requirementsprocedures for unexpected threatened species finds and fauna handlingprocedures addressing relevant matters specified in the Policy and guidelines for fish habitat conservation and management (DPI Fisheries, 2013).	Flora and Fauna Management Plan Eurobodalla Southern Water Supply Storage SSD7089 RevH (Haslin, 9/11/2023)	Stage 5 CFFMP was adequately reviewed and updated during the audit (2) period.	Compliant

3.2 Biodiversity - construction	Measures to further avoid and minimise the construction footprint and native vegetation or habitat removal will be investigated during detailed design and implemented where practicable and feasible.	Independent Audit – Southern Water Supply Storage – SSD 7089, Audit Number 1 (NGH, July 2023)	Statement on Pg 65 of design report details a compromise between optimisation of design regarding bank steepness, and stability. Height of dam and therefore footprint of inundation area is defined by requirement for 3GL storage capacity, which was optimised through strategic planning phase of project. The first audit of the Project found that the Project was compliant with this condition.	Compliant
3.3 Biodiversity - construction	Biodiversity offset requirements would be finalised during detailed design based construction on the revised construction footprint. A Biodiversity Offset Strategy would be developed during detailed design to address the obligations identified in the EIS.	Independent Audit – Southern Water Supply Storage – SSD 7089, Audit Number 1 (NGH, July 2023)	BOS reviewed and approved by DPE November 2021. The first audit of the Project found that the Project was compliant with this condition.	Compliant
3.4 Threatened flora/EEC management	As part of the Flora and Fauna Management Plan (FFMP), a management sub-plan will flora/ EEC be produced to establish pre-construction and construction mitigation measures management to minimise the impacts on River plains EEC.	Flora and Fauna Management Plan Eurobodalla Southern Water Supply Storage SSD7089 RevH (Haslin, 9/11/2023)	The FFMP includes this subplan (Appendix B).	Compliant
3.5 Threatened flora/EEC management	Monitoring water quality during construction will be evaluated for potential flora/ EEC impacts to on threatened species and EEC, and corrective measures applied in management consultation with Council.	Haslin Monthly Water Quality Monitoring Register – ESWSS Project 234	Water quality results reviewed during the audit indicated water being discharged from the Project site was often of better quality in terms of turbidity than reference and upstream sites. It is noted that water flows through a neighbouring property following release and this has an immediate impact on water quality prior to the confluence point with the Turross River. No impacts to EECs have occurred during the reporting period.	Compliant
3.6 Impacts in retained native vegetation adjoining the construction footprint	Pre-clearing surveys are to ensure exclusion zones (at the construction footprint boundary) are established prior to vegetation clearing.	Flora and Fauna Management Plan Eurobodalla Southern Water Supply Storage SSD7089 RevH (Haslin, 9/11/2023)	The pre-clear checklist (Appendix D) includes this requirement.	Compliant
3.7. Establishment and spread of invasive species and pathogens	The Flora and Fauna Management Plan will include a Weed and Pathogens Management Sub-plan which will include, but not be limited to: • weed management controls for construction and post-construction (if required) • protocols to prevent introduction or spread of <i>Phytophthora cinnamomi</i> • protocol to manage vehicle cleaning in accordance to reduce the potential for spread of noxious weeds, plant pathogens or animal diseases into retained forested habitats.	Flora and Fauna Management Plan Eurobodalla Southern Water Supply Storage SSD7089 RevH (Haslin, 9/11/2023)	The FFMP includes this subplan (Appendix A).	Compliant
3.8 Impact on native fauna and their habitat	The Flora and Fauna Management Plan is to describe a process for: • pre-clearing surveys • supervision of vegetation clearing by a suitably qualified fauna ecologist/spotter • fauna handling including the capture of any injured fauna or fauna that does not naturally relocate, and identifying suitable services for the treatment of injured fauna, for example a local vet or local wildlife carer • identifying opportunities for further minimisation of native vegetation removal when developing construction methodologies, in order to retain the maximum amount of habitat for native fauna possible.	Flora and Fauna Management Plan Eurobodalla Southern Water Supply Storage SSD7089 RevH (Haslin, 9/11/2023)	The FFMP includes this detail.	Compliant
3.9 Impact on native fauna and their habitat	The Flora and Fauna Management Plan will: • identify hollow-bearing trees for retention and establish exclusion zones and their habitat which will be mapped and clearly marked out on site prior to construction commencing • outline a staged approach to habitat removal of hollow-bearing trees and other established/ prominent trees that cannot be retained • include a nest box strategy would be implemented prior to vegetation removal.	Flora and Fauna Management Plan Eurobodalla Southern Water Supply Storage SSD7089 RevH (Haslin, 9/11/2023)	The FFMP includes this detail.	Compliant
3.10 Impact on fish passage	Ensure that fish passage is not blocked during construction. If blockage cannot passage be avoided, gain a permit from Fisheries prior to undertaking any activities that will cause blockage.	Independent Audit – Southern Water Supply Storage – SSD 7089, Audit Number 1 (NGH, July 2023)	The first audit of the Project found that the Project was compliant with this condition.	Compliant
3.11 Aquatic biodiversity	Monitoring protocols, if required, will be approved by NSW DPI and must include rigorous experimental designs to allow for thorough statistical analysis, including adequate numbers of control sites, replication and consideration of temporal changes where relevant.		Not required during the reporting period.	Not triggered
3.12 Temporary structures	Temporary in stream structures will be constructed in accordance with the NSW structures DPI policy guideline and will: • avoid spanning the full width of the waterway channel • be inserted during low-flow periods with management plans being submitted to NSW DPI detailing how high flow events will be managed Dewatering of temporary in-stream structures should follow the following guidelines: • NSW DPI is to be notified seven days prior to any dewatering activities in order to organise potential fish rescue activities. A separate s.37 permit may be required from NSW DPI to relocate fish • water is to be pumped a minimum of 30 m away from the waterway and should preferentially not re-enter the waterway. If water is to re-enter the waterway, ANZECC water quality guidelines need to be adhered to with the proponent being required to submit a detailed water quality monitoring program.	Independent Audit – Southern Water Supply Storage – SSD 7089, Audit Number 1 (NGH, July 2023)	The first audit of the Project found that the Project was compliant with this condition.	Compliant
3.13 Removal of large woody debris	Should any large woody debris be required to be removed the following large woody debris management guidelines would be followed in accordance with the removal of debris large woody debris from NSW rivers and streams Prime Fact 11 (DPI 2005b): • lopping (trimming) should be considered as a first option; • instream realignment should be considered as the next option; • if realignment is unfeasible, relocation within the river channel is preferable to removal; • removal should be considered as a last resort; . • and removal/relocation of snags would be undertaken so as to cause the least disturbance to the bed or nearby sensitive aquatic habitat. An aquatic ecologist shall be present on site when working with snags that require lopping, realignment, relocation and/or removal.	Independent Audit – Southern Water Supply Storage – SSD 7089, Audit Number 1 (NGH, July 2023)	The first audit of the Project found that the Project was compliant with this condition.	Compliant
4. Socio-economic				
4.1 Anxiety and uncertainty over property impacts and changes	A Community and Stakeholder Engagement (CSE) Plan will be prepared for the uncertainty over proposal and be inclusive of: • a Construction Communications Plan, identifying when communication impacts and would occur, to whom, the method of communication and timing. Changes • outlining the dedicated service and scope of assistance to be provided to landowners, residents and businesses with the effects of property acquisition and the relocation process. This would be prepared with reference to the NSW Government Land Acquisition Reform 2016.	Independent Audit – Southern Water Supply Storage – SSD 7089, Audit Number 1 (NGH, July 2023)	The first audit of the Project found that the Project was compliant with this condition.	Compliant
4.2 Proposal communications	The Construction Communications Plan will be prepared and will include (as a communications minimum): • mechanisms to provide details and timing of proposed activities to affected residents, businesses and community facilities, including, but not limited to, changed traffic and access conditions, vegetation clearing • contact name and number for complaints • a complaints-handling procedure and register.	Independent Audit – Southern Water Supply Storage – SSD 7089, Audit Number 1 (NGH, July 2023)	The first audit of the Project found that the Project was compliant with this condition.	Compliant
4.3 Property acquisition and relocation issues	Council would: • identify and categorise affected landowners, residents and businesses and relocation the nature of assistance that may be required issues • establish communication protocols, including an acquisition hotline, requirements for English as a second language assistance with negotiations and communications.	Interview H Lane	None required during the reporting period.	Compliant
4.4 Business and industry impacts	On-going communication and consultation will occur with local business owners located close to construction works about the timing, duration and likely impact of construction activities and to identify appropriate measures to manage potential impacts. A project hotline will be established as a direct contact for businesses to consult with	https://www.esc.nsw.gov.au/council/major-projects/current-projects/infrastructure/southern-water-supply-storage	No businesses located close to construction works. A phone number is available on the Project website for members of the public/businesses to contact the Project.	Not triggered
4.5 Community values and amenity	Local residents would be notified at least five days prior to works commencing and would be kept regularly informed of construction activities during the amenity construction process.	Independent Audit – Southern Water Supply Storage – SSD 7089, Audit Number 2 (NGH, January 2024) Eurobodalla Shire Council Community Update Letter Ref 400050 – Road safety notice – Increased truck traffic near Southern Water Supply Storage site (20/05/2024)	Documented evidence of these notifications for Stage 1 - 4 was not readily available at the time of the previous audit (in part due to Stages 1 to 4 being complete and demobilised, and Council procedure for record retention during Covid 19 pandemic whilst Council staff where working from has not been established) and was therefore a Non-Compliance with this condition, and closed. The second Audit (November 2023) found that updates made via letter box drops and website information were frequent and regular. The third audit (July 2024) found that communication with the community regarding clay hauling had occurred prior to commencement. Further to this, no community complaints regarding noise (or at all) have been reported for this project.	Compliant
4.6 Impact of noise on local amenity	The affected community will be consulted regarding the proposed noise mitigation measures for construction.	Independent Audit – Southern Water Supply Storage – SSD 7089, Audit Number 1 (NGH, July 2023)	The first audit of the Project found that the Project was compliant with this condition.	Compliant

4.7 Visual impacts	Further opportunities to increase landscaping opportunities to minimise the visual impact of the proposal would be explored during detailed design.	Independent Audit – Southern Water Supply Storage – SSD 7089, Audit Number 2 (NGH, January 2024)	The second audit of the Project found that the Project was compliant with this condition.	Compliant
5. Aboriginal heritage				
5.1 General Aboriginal impacts	A construction Aboriginal heritage management plan will be prepared for the project. The plan would provide details of management measures and procedures to be carried out during construction to minimise and manage impacts on Aboriginal heritage, and includes an unexpected finds procedure.	Heritage Management Plan Eurobodalla Southern Storage Project RevB (Haslin, 30/09/2022)	The Heritage Management Plan satisfies the requirements of this condition.	Compliant
5.2 Awareness of Aboriginal heritage and legislative obligations	Aboriginal cultural awareness training for all relevant staff and contractors would be carried out prior to commencing work onsite. All relevant staff, contractors and subcontractors will be made aware of their legislative statutory obligations for heritage under the National Parks and Wildlife Act 1974.	Site inspection	The site induction includes this detail.	Compliant
6. Historic heritage				
6.1 General historic heritage impact	While impacts to historic heritage items are considered unlikely, the following protocol for unexpected finds would be undertaken in accordance with the requirements of the NSW Heritage Manual (OEH, 1996):	Interview H Lane	No unexpected heritage items have been uncovered to date.	Not triggered
	Should an item of historic heritage be identified, works in the vicinity of the find would cease. The Heritage Division (NSW Office of Environment and Heritage) would be contacted prior to further work being carried out in the vicinity of the find.	Interview H Lane	No unexpected heritage items have been uncovered to date.	Not triggered
7. Traffic and transport				
7.1 Construction traffic impacts	A Construction Traffic Management Plan (TMP) would be prepared prior to traffic impacts construction and would be included in the CEMP. The TMP would: <ul style="list-style-type: none"> • identify the traffic management requirements during construction • describe the general approach and procedures to be adopted when producing specific traffic control plan • identify designated parking areas for construction workforce • determine temporary speed restrictions to ensure safe driving environment around work zones, including on unsealed roads, and at major intersections (e.g. Nerrigundah Mountain Road and Eurobodalla Road) • identify any high-risk periods (such as during school bus operations), and whether delivery to site, and material haulage can be undertaken outside of these hours • identify opportunities to stagger heavy vehicle arrivals to site (e.g. use of minimum headways between arriving haul trucks), to avoid the potential for heavy vehicle convoys arriving on site • identify and provide temporary works, such as for site access, turn-around bays, parking areas for heavy vehicle dwelling, and minor site distance clearing around local road intersection sites (e.g. at the access points to the construction site) • provide temporary warning and advisory signposting, such as during periods of material haulage, and at major intersections (e.g. Nerrigundah Mountain Road and Eurobodalla Road), where there will be increased traffic activity • where practical, program deliveries of construction plant and materials (such as over-mass and over-dimension vehicles) outside peak traffic periods • identify steps to minimise construction traffic, such as car-pooling by construction staff to site regularly • review and modify the TMP (such as at changes of construction stages), to ensure the TMP remains valid and appropriate • document communication protocols amongst heavy vehicle operators, such as when approaching higher risk areas. This could be through the establishment of a call point system, whereby call point signage is erected on the approach to higher risk areas, such as the intersection of Nerrigundah Mountain Road and Eurobodalla Road, or the single lane Tuross River (Tyronne) bridge, and access points to the construction site • maintain access to private properties (and liaise with property owners), particularly that off Bullockys Hut Road, which may be used as a site access • identify a contact person (and phone number) for liaison and complaints, by project stakeholders and the community. Consultation with various stakeholders will also be undertaken in the development and periodic review of the Construction TMP, including: <ul style="list-style-type: none"> • ensuring all relevant requirements from emergency service providers are included, including from NSW Rural Fire Service, NSW Ambulance Service and NSW Police • consultation with the respective road authorities including Roads and Maritime Services and Eurobodalla Shire Council • consultation with other relevant parties including school bus operators • periodic notification of construction activities and changes in traffic control arrangements would be publicly notified, including through local newspapers, community noticeboards, and through a letter box drop off for residents in proximity to the construction site as appropriate. Detailed traffic control plans would be developed for each construction phase. These would include: <ul style="list-style-type: none"> • provision for emergency services passage through construction zones. • Only accredited traffic controllers would be permitted to prepare and implement traffic control plans. 	CEMP Traffic Management Sub-Plan Eurobodalla Southern Storage Project Rev0 (Haslin, 17/08/2022)	The TMP generally satisfies the requirements of this condition.	Compliant
7.1 (continued)				
7.2 Impacts to local roads during construction	Council will undertake a photographic inspection of local roads, and undertake roads during a pre-dilapidation survey of local road pavements before construction commences, in order to document the state and condition of local roads. Periodic surveys will be undertaken during construction activities to identify any road damage, with road damage to local roads being repaired by Council as soon as practical. The construction contractor will also monitor the incidence of mud tracking off the construction site and onto local roads, and will sweep or clean local roads to minimise mud tracking. The contractor will preferably install controls to minimise the incidence of mud-tracking in the first instance, such as by use of grids at site access points. Construction personnel will also be encouraged to report road hazards and road damage	Interview H Lane	Council undertake monitoring and maintenance activities on a periodic basis and as required.	Compliant
7.3 Impacts to local roads during operation	Council will develop a traffic plan to show the new storage access road for roads during maintenance purposes which will be provided to the rural fire service.	Operation Phase	Operation of the Project has not yet commenced.	Not triggered
8. Noise and vibration				
8.1 Construction noise and vibration	A Construction Noise and Vibration Management Plan (NVMP) will be prepared and implemented as part of the CEMP. The NVMP will generally follow the approach in ICNG (DECC, 2009a) and will consider the following as a minimum: <ul style="list-style-type: none"> • identify nearby residences and other sensitive land uses • develop noise management levels consistent with the ICNG • assess the potential impact from the proposed construction methods • where management levels are exceeded examine feasible and reasonable noise mitigation and develop associated noise monitoring program • develop reactive and proactive strategies for dealing with any noise complaints • identify a site contact person to follow up complaints. 	Noise and Vibration Management Plan Eurobodalla Southern Storage Project RevD (Haslin, 21/10/2022)	The NVMP satisfies the requirements of this condition.	Compliant
8.2 Construction hours	<ul style="list-style-type: none"> • where feasible and reasonable, works would be undertaken within ICNG hours recommended working hours • where works are required to be undertaken outside of recommended working hours, an Out of Hours procedure as described in the NVMP must be followed and all appropriate approvals would be obtained prior to works, and all affected receivers would be notified of the works • noisy activities that cannot be undertaken during standard construction hours would be scheduled as early as possible during the evening and/or night-time periods • any out of hours works would comply with the Roads and Maritime Construction Noise Guidelines. 	Interview H Lane	Works carried out within required operating hours, with Saturday works excepted as per condition B32.	Compliant
8.3 Construction noise and vibration	All relevant noise and vibration management measures would be incorporated into site inductions for all employees, contractors and sub-contractors. The environmental component may be covered in toolboxes and should include <ul style="list-style-type: none"> • relevant licences and approval conditions • permissible hours of work • location of nearest sensitive receivers • construction employee parking areas • designated loading/unloading areas and procedures • site opening/closing times. 	Site inspection Haslin Community Complaints and Communications Register – ESWSS Project 234	The Project induction includes this detail and interviews with site staff indicate this is well understood. No noise complaints have been received to date.	Compliant
	The environmental induction program would include specific noise and vibration noise issues awareness training including, but not limited to, the following <ul style="list-style-type: none"> • avoiding use of radios during work outside normal hours 	Site inspection Haslin Community Complaints and Communications Register – ESWSS Project 234	The Project induction includes noise mitigation detail and interviews with site staff indicate this is well understood. No noise complaints have been received to date.	

8.4 Construction noise and vibration	<ul style="list-style-type: none"> avoiding shouting and slamming doors where practical, operating machines at low speed or power and switching off when not being used rather than left idling for prolonged periods minimising reversing avoiding dropping materials from height and avoiding metal to metal contact. 			Compliant
8.5 Construction noise and vibration	All plant and equipment is to be maintained to ensure optimum running noise and conditions, with periodic monitoring	<p>Site inspection</p> <p>Haslin Equipment Induction Details – Watercart P450 Bulk Carrier/Hopper 2019 – Scania (inducted 22/05/2024)</p> <p>Haslin Equipment Induction Details – Telehandler 525-60 HI VIZ Loadall - JCB (inducted 24/02/2024)</p> <p>Haslin Equipment Induction Details – Non-Slewing Mobile Crane At22 - Terex (inducted 8/05/2024)</p>	<p>The audit found that plant and equipment on site were generally being maintained and operated in good condition, with the exception of one generator observed producing visible smoke. A sample of plant and equipment records indicated a regular maintenance schedule and confirmed that plant and equipment are appropriately managed and serviced by Haslin.</p> <p>No noise complaints have been received during the reporting period.</p>	Compliant
8.6 Construction noise and vibration	Consider construction compound layout so that primary noise sources are at a noise and maximum distance from sensitive receivers (primarily residential receivers), with solid structures (sheds and containers) placed between sensitive receivers and noise sources (and as close to the noise sources as is practical).	<p>Site inspection</p> <p>Haslin Community Complaints and Communications Register – ESWSS Project 234</p>	Nearest receivers are considerable distance away from ancillary facilities. No noise complaints have been received on the Project to date.	Compliant
8.7 Construction noise and vibration	<ul style="list-style-type: none"> locate compressors, generators, pumps and any other fixed plant as far from residences as possible and behind site structures. alternatives to reversing alarms would be considered for site compound equipment subject to OHS compliance requirements and risk assessments. avoid and limit the use of engine compression brakes at night and in residential areas delivery times would be scheduled, where feasible, to the recommended construction hours to minimise noise impacts from heavy vehicle movements. use quieter and less noise/vibration emitting construction methods, where feasible and reasonable vibration plant and equipment would be selected to ensure only necessary size and power plant and equipment are used plant used intermittently would be throttled down or shut off when not in use simultaneous operation of noisy plant within discernible range of a sensitive receiver is to be limited/avoided where possible the offset distance between noisy plant and adjacent sensitive receivers is to be maximised where practicable. noise-emitting plant to be directed away from sensitive receivers where possible stage work to limit high noise impacts to sensitive receivers. 	Site inspection	Fixed plant have been located far from residential dwellings, the site compound and associated facilities (where these items are situated) is some hundreds of metres away from the nearest sensitive receivers. Squawkers are used on site. No night works are being conducted and the project is in a non-residential landscape. Delivery times have only been permissible during operating hours, as the site is locked.	Compliant
8.8 Construction noise and vibration	<ul style="list-style-type: none"> use quieter and less noise/vibration emitting construction methods, where feasible and reasonable vibration plant and equipment would be selected to ensure only necessary size and power plant and equipment are used plant used intermittently would be throttled down or shut off when not in use simultaneous operation of noisy plant within discernible range of a sensitive receiver is to be limited/avoided where possible the offset distance between noisy plant and adjacent sensitive receivers is to be maximised where practicable. noise-emitting plant to be directed away from sensitive receivers where possible stage work to limit high noise impacts to sensitive receivers. 	<p>Noise and Vibration Management Plan Eurobodalla Southern Storage Project RevD (Haslin, 21/10/2022)</p> <p>Site inspection</p> <p>Haslin Community Complaints and Communications Register – ESWSS Project 234</p>	Noise impacts from the development were assessed based on the assumption that simultaneous operations of plant and equipment were underway at the nearest locations to the relevant sensitive receptors. There is a low to nil probability that all plant and machinery operating simultaneously, within the proximity to each residential receiver, would have occurred. Actual construction noise levels would be less than those predicted, due to this fact. Irrespective, these mitigation measures were listed in the NVMP for applicable stages. No noise complaints have been received on the Project to date.	Compliant
8.9 Construction noise and vibration	<p>The following approach would be adopted with regard to noise monitoring noise and procedures during the construction works:</p> <ul style="list-style-type: none"> where potential noise impacts are predicted to be 20 to 30 dB(A) above the RBL, the potential construction noise nuisance is considered to be moderate. Noise monitoring would be carried out to confirm predicted noise impacts within two weeks of commencement of construction. Feasible and reasonable noise reduction measures would be investigated, where necessary. where potential noise impacts are predicted to be more than 30 dB(A) above the RBL, the potential construction noise nuisance is considered to be high. All feasible and reasonable noise control measures would be implemented prior to the commencement of the noisy activity. 	<p>Site inspection</p> <p>Interview H Lane</p>	Criteria not exceeded during the reporting period.	Not triggered
8.10 Blasting noise	<p>A blast management plan will be developed prior to construction. The blast management plan will include:</p> <ul style="list-style-type: none"> limiting criteria identified blast sensitive receivers performance indicators monitoring protocols roles and responsibilities blasting controls protocols for community consultation, incidents and contingency protocols reporting requirements 	Interview H Lane	No blasting has been carried out on the Project to date.	Not triggered
8.11 Blasting vibration	<p>The blast management plan will consider the following with regard to vibration/overpressure and ground vibration:</p> <p>Restriction of blasting to between the hours of 9.00am to 5.00pm Monday to Fridays, except Public Holidays</p> <p>Blast monitoring and inspection including:</p> <ul style="list-style-type: none"> blast monitoring at key sensitive sites trial blasts to assist in the development of "site laws" based on monitoring data. 	Interview H Lane	No blasting has been carried out on the Project to date.	Not triggered
9. Soils, contamination and spoil management				
9.1 Erosion and sedimentation	A construction erosion and sediment control plan (ESCP) will be prepared for the proposal in accordance with the principles and practices detailed in Managing Urban Stormwater: Soils and Construction (the Bluebook) (Landcom, 2004), Volume 2D: Main Road construction (DECC 2008). The ESCP would form part of the CEMP and would be supported by a qualified and experienced soil conservationist.	<p>Independent Audit – Southern Water Supply Storage – SSD 7089, Audit Number 2 (NGH, January 2024)</p> <p>Soil and Water Management Plan Eurobodalla Southern Water Supply Storage SSD7089 RevD (Haslin, 21/10/2022)</p>	The second audit of the Project found that the Project was compliant with this condition.	Compliant
9.2 Erosion and sedimentation	<p>The ESCP will contain as a minimum the following elements:</p> <ul style="list-style-type: none"> site specific ESCMP, including detailed consideration of staging and management at ancillary sites, in accordance with the Blue Book identification of site conditions or construction activities that could potentially result in erosion and associated sediment runoff methods to minimise potential adverse impacts of construction activities on the water quality within surrounding waterways details of measures to minimise any adverse impacts of sedimentation on the surrounding environment details of measures to minimise soil erosion caused by all construction works including clearing, grubbing and earthworks details of measures to make site personnel aware of the requirements of the SWMP by providing information within induction, toolbox and training sessions details of the roles and responsibilities of personnel responsible for implementing the SWMP details of measures for the inspection and maintenance of construction phase water treatment devices and structures details of water quality monitoring. 	<p>Independent Audit – Southern Water Supply Storage – SSD 7089, Audit Number 2 (NGH, January 2024)</p> <p>Soil and Water Management Plan Eurobodalla Southern Water Supply Storage SSD7089 RevD (Haslin, 21/10/2022)</p>	The second audit of the Project found that the Project was compliant with this condition.	Compliant
9.3 Waterway crossings	watercourse crossings, including temporary work platforms, waterway crossings and/or coffer dams, shall be designed and constructed in consultation with the Department of Primary Industries (DPI) (Fisheries) and the NSW Office of Water.	<p>Independent Audit – Southern Water Supply Storage – SSD 7089, Audit Number 1 (NGH, July 2023)</p>	SWMP reviewed and approved by DPE, Consultation sections within these documents referenced liaising with DPI Fisheries and NSW Office of Water as relevant. The first audit of the Project found that the Project was compliant with this condition.	Compliant
9.4 Management of contaminated wastes	<ul style="list-style-type: none"> additional assessment will be undertaken for soils requiring off-site disposal to ensure the correct waste classification is determined. Excavated material waste that is not suitable for on-site reuse or recycling, such as contaminated material should be transported to a site legally able to accept that a classification system will be used to control the excavation, stockpiling and disposal of all potentially contaminated materials. Soils should be classified (where possible) in-situ prior to excavation or when stockpiled during excavation, depending on available time and room for stockpile areas. Any unexpected finds should follow the same procedures if groundwater is encountered during construction, it will be managed and disposed of in accordance with legislation. 	<p>Site inspection</p> <p>Waste Management Plan Eurobodalla Southern Storage Project RevB (Haslin, 16/09/2022)</p> <p>Haslin Waste Disposal Register (SEQ-TP-017) – ESWSS Project 234</p>	These measures are identified in the CEMPs/ SWMP for Stages 1 - 5, however were not encountered for the audit period.	Compliant
9.5 Risk of spills and leaks	<ul style="list-style-type: none"> vehicles and machinery will be properly maintained to minimise the risk of fuel/oil leaks. Routine inspections of all construction vehicles and equipment should be undertaken for evidence of fuel/oil leaks all fuels, chemicals and hazardous liquids will be stored within an impervious bunded area in accordance with Australian standards and EPA guidelines any on-site refuelling will occur in a designated area with impervious surfaces. 	<p>Independent Audit – Southern Water Supply Storage – SSD 7089, Audit Number 2 (NGH, January 2024)</p> <p>Construction Environmental Management Plan Eurobodalla Southern Water Supply Storage SSD7089 RevD (Haslin, 21/10/2022)</p>	Evidence of chemical storage rectification observed during third IEA site visit, addressing non-compliance from second audit. CEMP and subplans identify these requirements as mitigation measures. Site inspection - pre-start checks, mobile refuelling with drip trays.	Compliant
9.6 Construction dewatering	Any dewatering activities will be undertaken in accordance with the Technical dewatering Guideline: Environmental management of construction site dewatering (RTA, 2011 b) in a manner that prevents pollution of waters.	<p>Soil and Water Management Plan Eurobodalla Southern Water Supply Storage SSD7089 RevD (Haslin, 21/10/2022)</p>	This guideline is referenced in the SWMP and incorporated into dewatering procedures.	Compliant
9.7 Waste management	A waste management plan would be developed as part of the CEMP and will management take into account the waste hierarchy.	<p>Waste Management Plan Eurobodalla Southern Storage Project RevB (Haslin, 16/09/2022)</p>	The WMP is incorporated into the CEMP and includes details of the waste hierarchy.	Compliant
9.8 Waste management	Waste management will be incorporated into the operational management plan management		Operation of the Project has not yet commenced.	Not triggered
10. Bushfire planning and management				

10.1 Bushfire	<p>A Hazard and Risk Management Plan (HRMP) will be prepared and implemented as part of the CEMP. The Rural Fire Service will be consulted to determine the appropriate level of management measures and the catchment perimeter roads for construction and operation will be accessible for the Rural Fire Service. The HRMP will include, but not be limited to:</p> <ul style="list-style-type: none"> • details of hazards and risks associated with the activity including bushfire management • measures to be implemented during construction and operation of the storage facility to minimise these risks • record keeping arrangements, including information on the materials • present on the site, material safety data sheets, and personnel trained and authorised to use such materials • a monitoring program to assess performance in managing the identified risks • contingency measures to be implemented in the event of unexpected hazards or risks arising, including emergency situations. <p>The HRMP will be prepared in accordance with relevant guidelines and standards, including relevant Safe Work Australia Codes of Practice, and EPA, Rural Fire Service or Office of Environment and Heritage publications.</p>	<p>Construction Environmental Management Plan Eurobodalla Southern Water Supply Storage SSD7089 RevD (Haslin, 21/10/2022) Independent Audit – Southern Water Supply Storage – SSD 7089, Audit Number 2 (NGH, January 2024)</p>	<p>Section 7.7 of the CEMP (Stage 5) references the Emergency Plan (SEQ-TP-037) that has been developed as part of the Safety Management Plan. This Plan includes a Bushfire Management Plan which was assessed as including this information during the second audit. This Plan has been prepared and implemented as part of the CEMP and, although it is not currently contained as an appendix, is considered compliant with this condition.</p> <p>It is recommended that the HRMP (Bushfire Management Plan) is included as an appendix to the CEMP.</p>	Compliant
11. Greenhouse gas and climate change				
11.1 Greenhouse gas emissions	Greenhouse gas emissions - Equipment will be properly maintained to ensure it is operating efficiently.	Interview H Lane Site inspection	Contractor weekly inspections undertaken; maintenance logs for service vehicles section in monthly reports. No change to this process since the previous audit.	Compliant
11.2 Impacts to the proposal as a result of climate change	Opportunities to increase the resilience of the water storage facility to the impacts of climate change would be investigated during detailed design where possible, as new information about the impact of climate change on drainage structures becomes available. The review would aim to identify materials that are less susceptible to degradation impacts of climate change	Independent Audit – Southern Water Supply Storage – SSD 7089, Audit Number 1 (NGH, July 2023)	Opportunities to increase the resilience of concrete structures to (with the aim they may be less susceptible to degradation from increased carbon in the atmosphere) was undertaken by Council during concrete trial mixes. The first audit of the Project found that the Project was compliant with this condition.	Compliant
11.3 Impacts of the proposal on climate change	<p>The construction contractor is to include consideration of the following as a minimum to minimise the potential for GHG emissions:</p> <ul style="list-style-type: none"> • preferential use of local materials (where feasible and practicable) to reduce quantities of fuel consumption associated with material transportation • delivery of materials with full loads where feasible <ul style="list-style-type: none"> • ensure that all plant and vehicles are maintained regularly to maintain fuel efficiency • seek opportunities to reduce the quantity of construction materials used through innovative design and construction methodologies <ul style="list-style-type: none"> • where reasonable and feasible, procure recycled content road construction and maintenance materials such as recycled aggregates in road pavement and surfacing (including crushed concrete, granulated blast furnace slag, glass, slate waste and fly ash). This measure forms part of RMS' implementation of the NSW Government's 'Waste Reduction and Purchasing Policy' (WRAPP). 	Independent Audit – Southern Water Supply Storage – SSD 7089, Audit Number 1 (NGH, July 2023)	<p>Local clay used in construction, water used from sediment basins for construction water (dust management) as opposed to freighting water in from Bodalla.</p> <p>Full loads generally freighting practice (cost prohibitive to send partial loads). Haslin operates under Environmental & Sustainability Policy (SEQ-POL-002) that identifies</p> <ul style="list-style-type: none"> • Considering whole of life environmental, social and economic aspects throughout project design, procurement and construction • Applying best practice environmental solutions to the design and construction of building and infrastructure and supporting the principles of Ecologically Sustainable Development. • Managing resources and waste efficiently identifying opportunities to reduce our environmental footprint, minimize and recycle waste, and use recycled and low impact materials, minimizing risks in our supply chain" <p>Newer model plant and machinery with reasonable fuel efficiency. Process for vehicle/ plant prestarts that captures smoke/</p> <p>Design was rationalised to require a smaller footprint than the EIS identified/ assessed. This meant less vegetation clearing (less impact and less construction activity), combined with the main construction material for audit period being fill (soil). A reduction in area required to construct the water supply storage (dam) saw a reduction in materials.</p> <p>Procuring and transporting recycled road materials (e.g. Boral's Innovo product) proved to be non-feasible (unreasonable) due to transport costs and carbon mileage calculations in conjunction with the small amount of asphalt required for the Project.</p>	Compliant
12. Air quality				
12.1 Air quality	Display the name and contact details of person(s) accountable for air quality and dust issues on the site boundary. This may be the environment manager/engineer or the site manager.	Site inspection	Front entry signage contains this information for Haslin (Stage 5), the number displayed connects to Senior Environmental Advisor for the site.	Compliant
12.2 Air quality	<p>A Dust Management Plan will be prepared and implemented as part of the CEMP. The DMP will include, but not be limited to:</p> <ul style="list-style-type: none"> • potential sources of air pollution and dust • air quality management objectives consistent with any relevant published EPA and/or OEH guidelines . • mitigation and suppression measures to be implemented • methods to manage work during strong winds or other adverse weather conditions • a progressive rehabilitation strategy for exposed surfaces 	Air Quality Management Plan Eurobodalla Southern Storage Project RevC (Haslin, 14/10/2022)	The AQMP satisfies the requirements of this condition.	Compliant
12.3 Air quality	Record all dust and air quality complaints, identify cause(s), take appropriate measures to reduce emissions in a timely manner, and record the measures taken.	no complaints received during audit period (or at all at time of reporting) relevant to air quality/ dust concerns	No complaints have been received during the reporting period.	Not triggered
13. Landscape character and visual impact				
13.1 Landscape character and visual impact	<p>A Landscape Management Plan (LMP) will be prepared during the detailed design phase of the project and implemented as part of the CEMP. The LMP will present an integrated landscape and urban design for the project, providing practical detail on the application of design principles and objectives identified in the environmental assessment. The Plan will include design treatments for:</p> <ul style="list-style-type: none"> • location and identification of existing vegetation and proposed landscaped areas, including species to be used, density and size • hydro mulch seed mix designs and locations • built elements including any retaining walls and bridge walls • fixtures such as lighting, fencing and signs • details of the staging of landscape works taking account of related environmental controls such as erosion and sedimentation controls and drainage • procedures for monitoring and maintaining landscaped or rehabilitated areas. 	Landscape Management Plan (Ayling and Drury, October 2023) approved by DPE November 2023 Independent Audit – Southern Water Supply Storage – SSD 7089, Audit Number 2 (NGH, January 2024)	The absence of a LMP was a non-compliant finding for the first audit. This has since been rectified and the current LMP (October 2023) was approved by DPE. The second audit of the Project found that the Project was compliant with this condition.	Compliant
13.2 Visual impacts of construction activities	<p>To reduce the potential visual impact of construction activities:</p> <ul style="list-style-type: none"> • work sites will be left tidy at the end of each work day • where appropriate, fencing material attached (e.g. shade cloth) will be provided around the construction compound to screen views from adjoining properties • lighting for night-time work will comply with relevant Australian Standards, including AS4282-1997 (Control of the obtrusive effects of outdoor lighting). 	Site inspection Construction Environmental Management Plan Eurobodalla Southern Water Supply Storage SSD7089 RevD (Haslin, 21/10/2022) Haslin Community Complaints and Communications Register – ESWSS Project 234	CEMP includes these mitigation measures. The site inspection indicated very good housekeeping and no complaints have been received during the reporting period.	Compliant
13.3 Operational	Vegetation will be maintained to reduce visual impacts from the road	noted, visual impacts from operations are predicted to be minimal due to the existing set back nature of site layout and existing house being utilised for site	Operation of the Project has not yet commenced. Visual impacts from operations are predicted to be minimal due to the existing set back nature of the site.	Not triggered
13.4 Potential cumulative construction traffic impacts	The Construction TMP for the proposal will be prepared with consideration for cumulative other nearby road upgrade project traffic management plans if still being construction implemented. A coordinated approach to traffic management between the traffic impacts nearby projects will be adopted to minimise travel time and congestion impacts on road users.	CEMP Traffic Management Sub-Plan Eurobodalla Southern Storage Project Rev0 (Haslin, 17/08/2022)	The TMP generally satisfies the requirements of this condition.	Compliant
APPENDIX 3 INCIDENT NOTIFICATION AND REPORTING REQUIREMENTS				
1	A written incident notification addressing the requirements set out below must be emailed to the Department at the following address: compliance@planning.nsw.gov.au within seven days after the Applicant becomes aware of an incident. Notification is required to be given under this condition even if the Applicant fails to give the notification required under Condition C9 or, having given such notification, subsequently forms the view that an incident has not occurred.	<p>DPHI email correspondence SSD-7089-PA-34 – Eurobodalla Water Supply – Dirty water incident (29/01/2024)</p> <p>DPHI email correspondence SSD-7089-PA-37 – Eurobodalla Water Supply – Dirty water incident (29/01/2024)</p> <p>DPHI email correspondence SSD-7089-PA-39 – Eurobodalla Water Supply – sediment laden water discharge event – 5th to 7th of April 2024 (29/01/2024) (31/05/2024)</p> <p>DPHI email correspondence – Eurobodalla Water Supply – Sediment Laden Water Discharge off site Incident – 10th to 12th May 2024 (19/07/2024)</p>	Four notifiable environmental incidents occurred during the reporting period. In each correspondence received from DPHI relating to these incidents, the Department stated that it had reviewed the relevant report and "considers it to generally satisfy the conditions of consent in relation to incident reporting". Associated notification documents were reviewed by the auditor during the third audit and, coupled with these DPHI correspondence documents, considers each incident to have been notified and investigated as required.	Compliant
2	Written notification of an incident must:		As per Appendix 3, Condition 1.	Compliant

3	Within 30 days of the date on which the incident occurred or as otherwise agreed to by the Planning Secretary, the Applicant must provide the Planning Secretary and any relevant public authorities (as determined by the Planning Secretary) with a detailed report on the incident addressing all requirements below, and such further reports as may be requested.		As per Appendix 3, Condition 1.	Compliant
4	The Incident Report must include: a. a summary of the incident; b. outcomes of an incident investigation, including identification of the cause of the incident; c. details of the corrective and preventative actions that have been, or will be, implemented to address the incident and prevent recurrence; and d. details of any communication with other stakeholders regarding the incident.		As per Appendix 3, Condition 1.	Compliant

Appendix B DPHI auditor approval

NSW Planning ref: SSD-7089-PA-42
Mr Harvey Lane
Project Engineer
EUROBODALLA SHIRE COUNCIL
Vulcan Street
Moruya New South Wales 2537

28/06/2024

Subject: Eurobodalla Water Supply – Independent Environmental Audit -appointment of auditor request 2023

Dear Mr Lane

Reference is made to your post approval matter, SSD-7089-PA-42, request for the Planning Secretary's approval of Natascha Arens and Whitney Heineger of NGH Pty Ltd (NGH) to undertake the upcoming Independent Environmental Audit (IEA) and prepare the IEA report for Eurobodalla Southern Water Supply Storage.

Having considered the qualifications and experience of Ms Heineger and Ms Arens of NGH, in accordance with the NSW Planning, Independent Audit Post Approval Requirements (2020), as nominee of the Planning Secretary, I endorse Ms Heineger and Ms Arens to undertake the IEA and prepare the IEA report. This approval is conditional on Ms Heineger and Ms Arens being independent of the development.

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

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

NSW Planning reserves the right to request an alternate auditor or audit team for future audits.

Notwithstanding the endorsement of the above independent audit team for the project, each respective project approval or consent requires a request for endorsement of the independent auditor or audit team be submitted to NSW Planning, for consideration of the Planning Secretary. Each request is reviewed and depending on the complexity of future projects, the suitability of a proposed auditor or audit team will be considered.

Should you wish to discuss the matter further, please contact Michael Wood, on 0459890661 or email compliance@planning.nsw.gov.au

Yours sincerely

A handwritten signature in black ink, appearing to read "K. O'Reilly".

Katrina O'Reilly
Team Leader - Compliance
Compliance

As nominee of the Planning Secretary

Appendix C Consultation

C.1 Department of Planning, Housing and Infrastructure

From: Whitney Heiniger [redacted]
Sent: Thursday, July 25, 2024 2:47 PM
To: DPE PSVC Compliance Mailbox <compliance@planning.nsw.gov.au>
Subject: A230298.00 - Eurobodalla Southern Storage - IEA - Consultation Request

Good afternoon,

I am part of the environmental audit team for the Eurobodalla Southern Water Supply Storage Project, SSD-7089. We will be undertaking the audit process during July and August and an inspection of the site will be carried out on Wednesday 31st July. This will be the third audit of the Project.

In accordance with the DPE Independent Audit Post Approval Requirements (2020), I am engaging with the Department to provide input into the audit scope.

Please respond to this email address if you have any specific areas of concern that you would like addressed as part of the third audit scope.

Thank you

Whitney Heiniger
Senior Environmental Consultant - Environmental Management

m: [redacted]
e. [redacted]
a. T3, level 7, 348 Edward St, Brisbane, Queensland 4000
w. nghconsulting.com.au | [Our commitment to reconciliation](#)

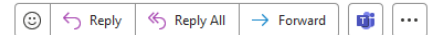


RE: A230298.00 - Eurobodalla Southern Storage - IEA - Consultation Request



Michael Wood [redacted]
To: Whitney Heiniger
Cc: Katrina O'Reilly

You replied to this message on 26/07/2024 9:17 AM.



Fri 26/07/2024 8:49 AM

Hi Whitney,

Please look at all the discharge incidents including any improvements needed to management plans as per Condition C7, monitoring and testing, compliance with reporting of incidents, monitoring in accordance with all management plans, check complaints register, check sediment and erosion control structures meet spec and check all information is available as per Condition C15.

Standard consultation with agencies but specifically please check in with Fisheries, Public Works and EPA.

Regards

Michael Wood
[redacted]

C.2 NSW Heritage

From: Whitney Heiniger [REDACTED]
Sent: Thursday, July 25, 2024 2:50 PM
To: OEH HD Heritage Mailbox <HERITAGEMailbox@environment.nsw.gov.au>
Subject: A230298.00 - Eurobodalla Southern Storage - IEA - Consultation Request

Good afternoon,

I am part of the environmental audit team for the Eurobodalla Southern Water Supply Storage Project, SSD-7089. We will be undertaking the audit process during July and August and an inspection of the site will be carried out on Wednesday 31st July. This will be the third audit of the Project.

In accordance with the DPE Independent Audit Post Approval Requirements (2020), I am engaging with NSW Environment and Heritage to provide input into the audit scope.

Please respond to this email address if you have any specific areas of concern that you would like addressed as part of the third audit scope.

Thank you

Whitney Heiniger
Senior Environmental Consultant - Environmental Management

m: [REDACTED]
e. [REDACTED]
a. T3, level 7, 348 Edward St, Brisbane, Queensland 4000
w. nghconsulting.com.au | [Our commitment to reconciliation](#)



Department of Climate Change,
Energy, the Environment and Water



Our ref: DOC24/600848

Your ref: SSD-7089

Whitney Heiniger
Senior Environmental Consultant
NGH Consulting
[REDACTED]

Independent Environmental Audit – State Significant Development
Proposal: Eurobodalla Southern Water Storage Supply
Major Project reference: SSD-7089
Received: 25 July 2024

Dear Whitney

Thank you for your referral seeking comment from Heritage NSW on the scope for the Independent Environmental Audit for the above State Significant Development. Thank you for the continued opportunity to comment on the project.

In respect to the scope of the audit for Aboriginal cultural heritage, Heritage NSW notes Schedule 2 Part B Conditions B40-42 of SSD-7089, and the Heritage Management Plan (HMP) and compliance with these documents. Of note, is compliance with the conditions and HMP for artefact reburial and ensuring that all Aboriginal cultural heritage site cards have been updated on the Aboriginal Heritage Information Management System (AHIMS) to reflect their status following project approval.

It is recommended that the Department of Planning, Housing, and Infrastructure Compliance Team be contacted via compliance@planning.nsw.gov.au to determine if there is any non-compliance with Conditions of Consent for the project.

Please note that the above comments relate only to Aboriginal cultural heritage regulation matters. If you have any questions regarding these comments, please contact Corey O'Driscoll, Senior Assessments Officer, at Heritage NSW on 9873 8500 or heritagemailbox@environment.nsw.gov.au.

Yours sincerely

Corey O'Driscoll

Corey O'Driscoll
Senior Assessments Officer
Heritage NSW
Department of Climate Change, Energy, the Environment and Water
As Delegate under *National Parks and Wildlife Act 1974*
30 July 2024

4PSQ, 12 Darcy Street, Parramatta NSW, 2150
Locked Bag 5020, Parramatta NSW, 2124
Major Project reference: SSD-7089

www.environment.nsw.gov.au/topics/heritage

Page: 1 of 1

C.3 Department of Primary Industries and Regional Development (Fisheries)

From: Whitney Heiniger [redacted]
Sent: Thursday, 25 July 2024 2:55 PM
To: DPIRD Fisheries Info <fisheries.info@dpird.nsw.gov.au>
Subject: A230298.00 - Eurobodalla Southern Storage - IEA - Consultation Request

Good afternoon,

I am part of the environmental audit team for the Eurobodalla Southern Water Supply Storage Project, SSD-7089. We will be undertaking the audit process during July and August and an inspection of the site will be carried out on Wednesday 31st July. This will be the third audit of the Project.

In accordance with the DPE Independent Audit Post Approval Requirements (2020), I am engaging with DPI to provide input into the audit scope.

Please respond to this email address if you have any specific areas of concern that you would like addressed as part of the third audit scope.

Thank you

Whitney Heiniger
Senior Environmental Consultant - Environmental Management

m: [redacted]
e. [redacted]
a. T3, level 7, 348 Edward St, Brisbane, Queensland 4000
w. nghconsulting.com.au | [Our commitment to reconciliation](#)



FW: A230298.00 - Eurobodalla Southern Storage - IEA - Consultation Request



Carla Ganassin [redacted]
To: Whitney Heiniger
Cc: Emily Messer



Wed 31/07/2024 4:57 PM

Hi Whitney,

In responding to your email, I have assumed that the project is still under construction stage.

DPI Fisheries recommends that the audit covers the following matters:

- Review of erosion and sediment control measures and dewatering measures. Do these meet the requirements in the blue book? Do these measures appropriately manage sediment inputs into the tributary and river downstream?
- Appropriate revegetation of the riverbank following completion of pipe inlet works. To reduce bank erosion and sediment input into the river.
- Review of the intake pipe system. Was it constructed in accordance with the plans? Did they use the mesh type agreed to be Fisheries to reduce uptake of fish/fish eggs into the system.
- Appropriate and timely revegetation of disturbed catchment areas, following completion of the nearby works – to reduce potential for sediment input into the Tuross River.
- Are they conducting any environmental monitoring required prior to, during or after construction.

Regards,

Carla Ganassin
Senior Fisheries Manager, Coastal Systems
Marine Estate Management Branch, Fisheries and Forestry Division
[redacted]
dpird.nsw.gov.au



Department of Primary Industries
and Regional Development

C.4 Environment Protection Authority

A230298.00 - Eurobodalla Southern Storage - IEA - Consultation Request



Whitney Heiniger
To epa.southopsregional@epa.nsw.gov.au
Bcc d97a9823-ff12-4640-902e-985d1b01ffc7.metaPublish@nghconsultingmx.deltetekpim.com



Thu 25/07/2024 2:43 PM

Good afternoon,

I am part of the environmental audit team for the Eurobodalla Southern Storage Project, EPL 21767. We will be undertaking the audit process during July and August and an inspection of the site will be carried out on Wednesday 31st July. This will be the third audit of the Project.

In accordance with the DPE Independent Audit Post Approval Requirements (2020), I am engaging with the EPA to provide input into the audit scope.

Please respond to this email address if you have any specific areas of concern that you would like addressed as part of the third audit scope.

Thank you

Whitney Heiniger
Senior Environmental Consultant - Environmental Management

m: [REDACTED]
e. [REDACTED]
a. T3, level 7, 348 Edward St, Brisbane, Queensland 4000
w. nghconsulting.com.au | [Our commitment to reconciliation](#)



C.5 NSW Public Works

A230298.00 - Eurobodalla Southern Storage - IEA - Consultation Request



Whitney Heiniger
To john.anderson@pwa.nsw.gov.au
Bcc 34c88f92-6c71-43b2-8fbc-3cc3ee87d71e.metaPublish@nghconsultingmx.deltetekpim.com



Fri 26/07/2024 11:24 AM

Good afternoon,

I am part of the environmental audit team for the Eurobodalla Southern Water Supply Storage Project, SSD-7089. We will be undertaking the audit process during July and August and an inspection of the site will be carried out on Wednesday 31st July. This will be the third audit of the Project.

In accordance with both the DPE Independent Audit Post Approval Requirements (2020) and consultation feedback from DPHI, I am engaging with NSW Public Works to provide input into the audit scope.

Please respond to this email address if you have any specific areas of concern that you would like addressed as part of the third audit scope.

Thank you

Whitney Heiniger
Senior Environmental Consultant - Environmental Management


m: [REDACTED]
e. [REDACTED]
a. T3, level 7, 348 Edward St, Brisbane, Queensland 4000
w. nghconsulting.com.au | [Our commitment to reconciliation](#)



Appendix D Independent auditor declaration

Project Name	Eurobodalla Southern Water Supply Storage
Consent No.	SSD-7089
Description of Project	Water storage facility
Project Address	Eurobodalla Road, Eurobodalla, NSW 2545
Proponent	Eurobodalla Shire Council
Title of Audit	Independent Environmental Audit
Date	September 2024
<p>I declare that I have undertaken the Independent Audit and prepared the contents of the attached Independent Audit Report and to the best of my knowledge:</p> <ul style="list-style-type: none"> the audit has been undertaken in accordance with relevant condition(s) of consent and the <i>Independent Audit Post Approval Requirements (Department 2019)</i>; the findings of the audit are reported truthfully, accurately and completely; I have exercised due diligence and professional judgement in conducting the audit; I have acted professionally, objectively and in an unbiased manner; I am not related to any proponent, owner or operator of the Project neither as an employer, business partner, employee, or by sharing a common employer, having a contractual arrangement outside the audit, or by relationship as spouse, partner, sibling, parent, or child; I do not have any pecuniary interest in the audited Project, including where there is a reasonable likelihood or expectation of financial gain or loss to me or spouse, partner, sibling, parent, or child; neither I nor my employer have provided consultancy services for the audited Project that were subject to this audit except as otherwise declared to the Department prior to the audit; and I have not accepted, nor intend to accept any inducement, commission, gift or any other benefit (apart from payment for auditing services) from any proponent, owner or operator of the Project, their employees or any interested party. I have not knowingly allowed, nor intend to allow my colleagues to do so. <p>Notes:</p> <p>a) Under section 10.6 of the <i>Environmental Planning and Assessment Act 1979</i> 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</p>	

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

Name of Auditor	Natascha Arens
Signature	
Qualification	BAppSc, MEBM, Exemplar Global Principal Auditor
Company	NGH Pty Ltd
Company Address	Suite 9.01, Level 9, 28 Foveaux Street, Surry Hills NSW 2010

Appendix E Site inspection photos



Coffer dam in place at the time of the site inspection



Retained vegetation exclusion flagging



Dam wall under construction at the time of the site inspection



Revegetation on constructed batters adjacent the internal access track



Minor amount of tracked material at the site intersection with Eurobodalla Road



Mulch blanket applied to disturbed batters



Heritage exclusion flagging and sediment controls in place



Vegetation protection measures in place on the compound access road



Dedicated concrete washout in place and in use



Water cart undertaking dust suppression on internal access roads

NGH Pty Ltd

NSW • ACT • QLD • VIC

ABN 31 124 444 622 ACN 124 444 622

E: ngh@nghconsulting.com.au

GOLD COAST

2B 34 Tallebudgera Creek Road
Burleigh Heads QLD 4220

T. (07) 3129 7633

SYDNEY REGION

Unit 17, 21 Mary Street
Surry Hills NSW 2010

T. (02) 8202 8333

BEGA

Suite 11, 89-91 Auckland Street
(PO Box 470)
Bega NSW 2550

T. (02) 6492 8333

MELBOURNE

Level 14, 10-16 Queen Street
Melbourne VIC 3000

T. (03) 7031 9123

TOWNSVILLE

Level 4, 67-75 Denham Street
Townsville QLD 4810

T. (07) 4410 9000

BRISBANE

T3, Level 7, 348 Edward Street
Brisbane QLD 4000

T. (07) 3129 7633

NEWCASTLE - HUNTER & NORTH COAST

Level 1, 31-33 Beaumont Street
Hamilton NSW 2303

T. (02) 4929 2301

WAGGA WAGGA - RIVERINA & WESTERN NSW

35 Kincaid Street (PO Box 5464)
Wagga Wagga NSW 2650

T. (02) 6971 9696

CANBERRA

Unit 8, 27 Yallourn Street
(PO Box 62)
Fyshwick ACT 2609

T. (02) 6280 5053

SUNSHINE COAST

Building 1, 30 Chancellor Village Boulevard
Sippy Downs QLD 4556

T. 13 54 93

WODONGA

Unit 2, 83 Hume Street
(PO Box 506)
Wodonga VIC 3690

T. (02) 6067 2533