

SSD 8445 - Independent Environmental Audit Report

SIMEC
Tahmoor Coal - Independent Environmental Audit
Tahmoor Coal Mine, NSW
SAA230003.01
26 May 2023

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EXECUTIVE SUMMARY

Epic Environmental Pty Ltd (Epic) has been engaged by SIMEC Mining (SIMEC) to undertake an independent environmental audit (IEA) at the Tahmoor Coal South Project. The IEA was undertaken between 27 March 2023 and 25 May 2023.

As per condition E15 of the State Significant Development (SSD) 8445 MOD1 (the development consent) requires Tahmoor Coal Pty Ltd (Tahmoor Coal) to undertake Independent Audits (IAs) in accordance with the Department of Planning and Environment 's *Independent Audit Post Approval Requirements (2020).*

The IEA criteria are the requirements which the Site will be assessed against. The IEA criteria for the Site will be as follows:

- Assess the compliance with SSD 8445 MOD 1 (19/07/2022) conditions of approval
- Assess whether operations are being undertaken from an environmental point of view in accordance with best practice, standards, and legislative requirements
- Review the adequacy of relevant documents required under SSD 8445 MOD 1
- Recommend measures or actions to improve the environmental performance
- Recommend improvements to any document required under the conditions of approval
- Review the implementation of environmental management plans developed in accordance with the conditions of consent and the development approval
- Provide recommendations for the overall improvement of environmental performance of the project

The IEA comprised of an opening meeting, IEA interviews, site inspection and a closing meeting. A suite of evidence and material was provided by SIME representatives to verify the findings of the IEA.

IEA Findings

Overall, the Applicant demonstrated compliance against **100%** of the IEA criteria. A total of 168 individual conditions were audited, of which 57 (inclusive of items identified as notes for information) were not triggered (NT) during the audit period.

The complete IEA checklist is included in **Appendix E**. Details of positive observations, compliances and non-compliances, are detailed in the subsequent sections.

Positive Observations

A number of positive observations were noted during the IEA including:

- Site personnel demonstrated a high level of knowledge and understanding of :
  - Environmental roles and responsibilities
  - Environmental compliance, specifically mitigation measures, and monitoring and reporting requirements (outlined in relevant management plans)
- Monitoring data / records were well maintained
- Management Plans and sub-plans were comprehensive and addressed the requirements of the consent conditions
- Environmental performance is addressed in the annual review reports – these are provided to relevant stakeholders and are also made available on the website
- Regular consultation with stakeholders and the community occurs through:
  - Attendance with committee meetings
  - Newsletters
  - Resident information packs
  - Involvement in community programs

1 INTRODUCTION

Epic Environmental Pty Ltd (Epic) has been engaged by SIMEC Mining (SIMEC) to undertake an independent environmental audit (IEA) against the conditions outlined in the State Significant Development Consent (SSD 8445 MOD1) for operations at the Tahmoor Coal Mine located at 2975 Remembrance Driveway, Bargo NSW 2574 (the Site).

1.1 Background

Tahmoor Coal Mine is an underground coal mine that has approval to produce up to four million tonnes of Run of Mine (ROM) coal per annum and operate 24 hours a day. Tahmoor Mine (a subsidiary within the SIMEC Mining Division) has been operated by Tahmoor Coal Pty Ltd (Tahmoor Coal) since the mine commenced in 1979.

Mining in the Western Domain was completed in September 2022, with the Tahmoor South Domain (Longwall South 1A) commencing in October 2022, extending the life of the mine up to 2032.

The Site was approved by a delegate for the Minister for Planning and Public Spaces, the Independent Planning Commission of NSW (the Commission) under State Significant Development Consent SSD 8445 on 23 April 2021. A modification for an extension of time to commission the water treatment plant (SSD 8445 MOD 1) was approved by the delegate for the Minister for Planning on the 19 July 2022.

Condition E15 of the Approval requires Tahmoor Coal Pty Ltd (Tahmoor Coal) to undertake Independent Audits (IAs) in accordance with the *Independent Audit Post Approval Requirements* (DPIE, 2020).

The IEA was undertaken between 27 March 2023 and 25 May 2023. This document outlines the method, findings, and recommended actions of the 2023 IEA undertaken at the Site.

1.2 IEA Team

The IEA team members have been provided in **Table 1**. In accordance with Condition E16 of the SSD 8445 an approval for the appointment of the independent audit team for the IEA has been granted by the Department of Planning and Environment (13 March 2023). A copy of the endorsement letter is included in **Appendix A**.

The auditors confirm their independence, and the signed Independent Environmental Audit Declaration Form has been provided in **Appendix B.**

Table 1. IEA Team

Name	Role	Years' Experience	Qualification
Kirsty Douglas	Lead Auditor	17	Lead Auditor (Exemplar Global, No. 210439), BEnvSci (Conservation Biology and Ecology), GCert IAP2 Australasia
Chris Griffiths	Project Manager/Audit Assistant	17	Lead Auditor (BSI Training Centre), DSCi (Environmental Management)

1.3 Audit Scope and Objectives

The key objectives of the IEA are to:

- Assess the compliance with SSD 8445 MOD 1 (19 July 2022) conditions of approval
- Assess whether operations are being undertaken from an environmental point of view in accordance with best practice, standards, and legislative requirements
- Review the adequacy of relevant documents required under SSD 8445 MOD 1
- Recommend measures or actions to improve the environmental performance
- Recommend improvements to any document required under the conditions of approval
- Review the implementation of environmental management plans developed in accordance with the conditions of consent and the development approval
- Provide recommendations for the overall improvement of environmental performance of the Site

1.4 IEA Criteria

The IEA criteria are the requirements which the Site will be assessed against. The IEA criteria for the Site will be as follows:

- Conditions of SSD 8445: Schedule 2 Parts A- E
- Relevant management plans and subplans

2 IEA METHOD

2.1 Method Development

The IEA method was developed with reference to:

- *Independent Audit Post Approval Requirements* (DP&E, 2020)
- *ISO 19011: 2019 Guidelines for Auditing Management Systems*

2.2 IEA Program

The IEA was undertaken in accordance with the program provided in **Table 2**.

Table 2. Proposed Program for the IEA

Proposed Dates	Task/Description	Participants
Phase I – Project Preparations		
27/03/23	Preparation and provision of IEA Plan	Epic
28/03/23	Provision of management plans required for the IEA	Tahmoor Coal
28/03/23 – 04/04/23	Undertake a preliminary document review	Epic
27/03/23 – 29/03/23	Develop the IEA tools	Epic
Phase II – Site Inspections and Interviews		
04/04/23	Site Inspection and IEA Interviews	Epic & Tahmoor Coal
05/04/23	IEA Interviews	Epic & Tahmoor Coal
05/04/23	Closing Meeting	Epic & Tahmoor Coal
Phase III – IEA Reporting		
11/04/23 – 28/04/23	Detailed evidence review	Epic
08/05/23 – 20/05/23	Prepare the draft IEA report	Epic & Tahmoor Coal
25/05/23	Issue the final IEA reports to Tahmoor Coal	Epic

2.3 Pre-Audit Consultation

Upon engagement, the IEA team held a kick-off meeting with Tahmoor Coal representatives to discuss the IEA process, expectations, and to detail information requirements prior to undertaking the IEA.

An opening meeting was held on site on the 4 May 2023 with key Tahmoor Coal personnel. The purpose of the opening meeting was to introduce the audit team, outline the audit process, scope, methodology, proposed audit schedule and identify key personnel that would be required for the audit interviews and site inspection.

Tahmoor Coal representatives also provided the audit team with a presentation that covered an overview of the mine's history, current operations and any items of particular relevance to the current audit period.

2.4 IEA Tools

The following tools were used during the IEA. These tools assisted in defining the scope of the IEA, captured any issues identified during the IEA and allowed for the discussion of potential actions on how these items can be rectified. The tools included:

- IEA Plan **(Appendix C**)
- Opening meeting agenda and minutes (**Appendix D**)
- IEA checklist (**Appendix E**) and interview questions

2.5 IEA Criteria

The IEA criteria are the requirements which the Site will be assessed against. The IEA criteria for the Site will be as follows:

- Conditions of SSD 8445: Schedule 2 Parts A- E
- Relevant management plans and subplans

2.6 IEA Scoring Criteria

The proposed compliance assessment ratings to be used in the IEA are outlined in **Table 3**.

Table 3. IEA Scoring Criteria

IEA Rating	Abbreviation	Definition
Compliant	C	The Auditor has collected sufficient verifiable evidence to demonstrate that all elements of the condition or management plan requirement have been complied with within the scope of the IEA.
Opportunity For Improvement	OFI	Compliant, however possible improvements identified.
Non-compliant	NC	The Auditor has determined that one or more specific elements of the conditions or management plan requirements have not been complied with within the scope of the IEA.
Not Triggered	NT	A condition or requirement has a trigger that has not been activated during the defined IEA period (may be a retrospective or future requirement), therefore an assessment of compliance is not relevant.

2.7 Site Inspection

A site inspection and audit interviews were undertaken between 4 and 5 April 2023 with key Tahmoor Coal personnel. Weather on the day of the site inspection was sunny, with a low of 9.5 ^{0}C with a high of 21.1 ^{0}C (BOM, 2023). 0.2 mm of rain fell on the day of inspection at the High Range weather station.

The IEA team were escorted by Tahmoor Coal representatives during the site inspection. The IEA team were provided unrestricted access to the Site to verify compliance.

Photos taken during the site inspection are included in **Appendix F**.

2.8 IEA Interviews

Key staff interviewed during the IEA are identified in **Table 4**.

Table 4. Tahmoor Coal Key Personnel

Name	Role	Contact Details
Thomas O'Brien	Environmental Specialist	Thomas.Obrien@simecgfg.com
Natalie Brumby	Environmental Officer	Natalie.Brumby@simecgfg.com
Zina Ainsworth	Environment and Community Manager	Zina.Ainsworth@simecgfg.com
Pushkin Rahman	Surface Superintendent	Pushin.Rahman@simecgfg.com

2.9 IEA Document Review

A comprehensive suite of evidence and material was provided by Tahmoor Coal to verify the findings of the IEA. The list of documents provided and reviewed during the IEA included:

- SSD 8445 MOD 1
- Management plans required under SSD 8445 MOD 1 including:
  - Environmental Management Strategy
  - Air Quality and Greenhouse Gas Management Plan
  - Noise Management Plan
  - Rehabilitation Management Plan
  - Rehabilitation Strategy
  - Water Management Plan
  - Surface Water Management Plan
  - Spontaneous Combustion Management Plan
  - Groundwater Management Plan
  - Biodiversity Management Plan
  - Bushfire Management Plan
  - Erosion and Sediment Control Plan
  - Traffic Management Plan
  - Social Impact Management Plan (SIMP)
  - Pollution Response Management Plan
  - Erosion Sediment Control Plan – Redbank Creek CMAP
  - Erosion Sediment Control Plan – Myrtle Creek CMAP
- Extraction Plans
- 6 Monthly Subsidence Impacts Reports
- Annual Reviews – 2010 – 2022
- Monitoring Data 2020 – 2023
  - Water (continuous and monthly)
  - Dust (continuous, monthly and Hi Volume)
- Community Complaints Register
- Incidents and Non-compliance Notification Register
- Community Consultative Committee Meeting minutes
- Community newsletters and resident information packs

The majority of this information was also available on the Tahmoor Coal website:

https://www.tahmoorcolliery.com.au/

2.10 Stakeholder Consultation

Table 5 outlines the stakeholder consultation for the IEA, undertaken in accordance with the *Independent Audit Post Approval Requirements* (DP&E, 2020).

Table 5. Summary of Stakeholder Consultation

Stakeholder	Contact Details	Response	Audit Response
Department of Planning and Environment	Georgia Dragicevic Senior Compliance Officer Georgia.Dragicevic@planning.nsw.gov.au	Response received 7/05/2023 requesting consideration of subsidence related impacts and noise management." Response is included in **Appendix G**.	Assessment of compliance with the approval conditions for noise and vibration are included in **Appendix E**. Noise complaints are reported in the Annual Review Reports. Noise complaints received during the audit period are summarised in **Section 3.7**
Environmental Protection Agency	Andrew Couldridge Head Regional Operations Unit andrew.couldridge@epa.nsw.gov.au	No response was received.	-
NSW Resource Regulator	Jenny Ehmsen Principal Compliance Officer Regional NSW Resource Regulator nswresourcesregulator@service-now.com	Response received 16/05/2023 requesting that the audit assess compliance against the relevant environmental management conditions of the mining leases as well as note observations where rehabilitation procedures, practices outcomes represent best industry practice. Response is included in **Appendix G**.	Assessment of compliance for rehabilitation is addressed in **Appendix E**. Rehabilitation is managed in accordance with the Rehabilitation Strategy and Rehabilitation Management Plan, CMAPs. The status of rehabilitation is also reported in the Annual Review Reports.
Department of Environment and Planning – Water Assessments	Tim Baker Senior Project Officer Water Assessment DPE – Water water.assessments@dpie.nsw.gov.au	Response received 10/05/2023 requesting that the audit address compliance with specific elements of the consent conditions and related legislative requirements specifically related to water management and subsidence. Response is included in. **Appendix G**	Assessment of compliance for water management and subsidence are included in **Appendix E**. Subsidence is managed through dilapidation surveys, subsidence monitoring and reporting. Water is managed through the Water Management Plan, the Surface Water Management Plan and the Groundwater Management Plan. Subsidence and water management are reported in the Annual Review Reports.
NSW Crown Land	Dan Cross NSW Crown Land dan.cross@crownland.nsw.gov.au	No response was received.	-
Wollondilly Shire Council	David Henry	No response was received.	-

Stakeholder	Contact Details	Response	Audit Response
	Wollondilly Shire Council council@wollondilly.nsw.gov.au		
Community Consultative Committee	Michael Muston Muston & Associates gem@1earth.net	Email received 11/5/2023 advising no issues of non-compliance that he was aware of. Advised he would circulate the consultation letter to other members of the CCC to see if there were any issues of concern from them, noting that the timing may not meet the audit deadline and that the next meeting of the CCC was June 2023. Response is included in **Appendix G**.	No further response was received.

3 IEA FINDINGS

3.1 Overall IEA Results

Overall, the Applicant demonstrated compliance against **100%** of the IEA criteria. A total of 168 individual conditions were audited, of which 57 (inclusive of items identified as notes for information) were not triggered (NT) during the audit period.

The complete IEA checklist is included in **Appendix E**. Details of positive observations, compliances and non-compliances, are detailed in the subsequent sections.

3.2 Positive Observations

A number of positive observations were noted during the IEA including:

- Site personnel demonstrated a high level of knowledge and understanding of :
  - Environmental roles and responsibilities
  - Environmental compliance, specifically mitigation measures, and monitoring and reporting requirements (outlined in relevant management plans)
- Monitoring data / records were well maintained
- Management Plans and sub-plans were comprehensive and addressed the requirements of the consent conditions
- Environmental performance is addressed in the annual review reports – these are provided to relevant stakeholders and are also made available on the website
- Regular consultation with stakeholders and the community occurs through:
  - Attendance with committee meetings
  - Newsletters
  - Resident information packs
  - Involvement in community programs

3.3 Status of the 2022 IEA Findings

The 2022 IEA provided two actions related to three NCs and four recommendations. This IEA identified that they have all been closed out, with the exception of one which is ongoing (**Table 6**).

Table 6. 2022 IEA Recommendations and Actions Status

NC Number	Condition Number	2022 Comments/recommendations	Tahmoor Coal Actions	Status
NC1	A2	**Terms of Consent** Based on the findings of this audit, the development has generally been carried out in accordance with the requirements of this condition with the exception of the identified non compliance below.	Refer to actions for NC 2 and NC3.	Closed
NC2	B48	**Waste** It is recommended that Tahmoor Coal: Explain the situation in relation to Condition B48 (c) to the Planning Secretary and the EPA and seek a direction that any references in the Development Consent to complying with an applicable EPL will be deemed to include permission to conduct an activity if an EPL is not required for such activity.	Tahmoor Coal consulted with the DPE (Planning Secretary) and EPA and received clarification regarding references in the Development Consent to complying with an applicable EPL will be deemed to include permission to conduct an activity if an EPL is not required for such activity. No further action is required.	Closed
NC3	E15	**Independent Environmental Audit** This audit has been undertaken in accordance with the requirements of the IA PAR (2020). It was understood by the auditor that the audit was required to be undertaken by 16 August 2022. The audit was scheduled and undertaken on 10 August 2022 which was understood to be within the required period.	Tahmoor Coal acknowledged the 'low risk' administrative non-compliance. Tahmoor Coal has committed to ensuring all commitments/requirements regarding Consent Conditions including Independent Audits are conducted/completed within the specified timelines.	Closed
REC1	-	**Operation of Plant and Equipment** Ensure that contractors maintain appropriate records during future activities.	Tahmoor Coal has committed to ensuring contractors will keep and maintain appropriate administrative records	Ongoing
REC2	-	**Waste** Liaise with the EPA to confirm Tahmoor Coal's interpretation of the requirements of condition B49 as it relates to import of road upgrade materials to the Site.	Tahmoor Coal engaged with the EPA and received confirmation of the requirements of condition B49. No further action required.	Closed
REC3	-	**Transport** Seek clarification from DPE on the definition of laden trucks.	Tahmoor Coal requested clarification from DPE on the definition of laden trucks. DPE clarified the definition of (9/11/2022), Tahmoor Coal amended relevant	Closed

NC Number	Condition Number	2022 Comments/recommendations	Tahmoor Coal Actions	Status
			management plans. The Definition description shall be updated in the next consent modification. No further action required.	
REC4	-	**Access to Information** Remove the link to the Department's Major Projects website for the EIS and provide the EIS itself on the Tahmoor Coal website. Remove hyperlink to former Tahmoor South website and ensure any relevant information on that website is transferred to the new website. Consider implementing a recurring trigger in the Site's compliance management system to ensure the website content is kept up to date.	An internal monthly prompt within Tahmoor's compliance tracking software has been implemented to ensure the website is up to date. New consolidated website launched (5/12/2022). No further action required.	Closed

3.4 Adequacy of Management Plans and Subplans

A review of the management plans and subplans confirmed that they have been developed in accordance with the requirements of condition E5 of the consent as outlined in the complete IEA checklist included in **Appendix E**.

3.5 Environmental Performance

Monitoring records were observed for the IEA period and demonstrated a high level of environmental performance across the Site.

Interviews with Site personnel also demonstrated that they had a good understanding of their roles and responsibilities regarding environmental matters. They also demonstrated a high level of knowledge of the management plans, specifically the implementation of the mitigation measures, monitoring, and reporting requirements.

3.6 Summary of Agency Notices, Orders, Penalty Notices or Prosecutions

Based on information provided, no agency notices, orders, penalty notices and prosecutions were noted for the Site during the IEA period.

3.7 Complaints

Based on Site communications and documentation provided during the audit interviews, there were twelve complaints received within the audit period:

- Noise & vibration – four complaints
  - Complaints received included noise and vibration on a residents window, siren noises and noise associated with a mine dozer. All complaints were investigated, mitigation measures implemented (where required) and closed out
- Road drainage – three complaints
  - All three complaints were regarding road drainage issues on Council strip near coal mine owned property cause by heavy rainfall. The matter was referred to Council to address
- Disposal of debris – two complaints
  - Complaints refer to the disposal of a small amount of concrete on a neighbouring residential property by a Tahmoor Coal contractor (result of investigation confirmed this event and contractor no longer engaged by Tahmoor Coal) and discarded vegetation under a rail overpass (contractor engaged to remove vegetation)
- Miscellaneous – three complaints
  - Complaints included Tahmoor Coal security conducting U-turns on residents nature strip, unfavourable behaviours by a Tahmoor Coal consultant and chemical compound in an assumed Aboriginal Heritage Site near creek remediation. All complaints were investigated and closed out. Note: Investigation confirmed that the chemical compound was not located within an Aboriginal cultural heritage area and the compound was constructed in accordance with the approved control plans

Details of each complaint and the outcome are included in the Annual Reports.

3.8 Incidents and Non-Compliances

There was a total of four incidents recorded within the audit period related to spill management:

- Pit-top bathhouses – three incidents
  - Bodywash spills in bathhouses. Spills all contained and cleaned up; additional measures implemented to prevent future issues
- Underground – diesel spill. This incident was a result of a delivery line failure. The spill was contained, and precautionary controls installed in the surface dam network, additional work order checks for lines implemented

There were no environmental non-compliances recorded or reported during the audit period.

3.9 Subsidence Events

There were no subsidence incidents or management reporting notifications to the Department of Planning and Environment during the reporting period, however a Trigger Action Response Plan (TARP) notification for December 2022 was notified to the Department on the in February 2023. Details of subsidence events, TARPs and notifications are reported in the Annual Review Reports.

Subsidence monitoring is undertaken in accordance with the approved extraction plans and subsidence reports are submitted on a 6 monthly basis, which are distributed to Council and are published on the Tahmoor Coal website.

4 CONCLUSION

This document outlines the method, findings, and recommended actions of the 2023 IEA undertaken by Epic at the Site. The IEA was undertaken in accordance with Condition E15 to E20 of the State Significant Development Consent (SSD8445). The IEA was conducted to:

- Assess the level of compliance against the conditions of approval
- Assess whether current practices and standards are being implemented
- Evaluation of the overall environmental performance of the Site
- Assess the adequacy and implementation of management plans
- Identify recommended actions for the overall improvement of environmental performance

The IEA was undertaken between 16 March 2023 and 25 May 2023 and captured evidence for the period August 2022 to May 2023. The IEA criteria used for the IEA, Conditions of SSD8445, management plans and associated sub-plans. The Applicant demonstrated compliance against **100%** of the IEA criteria.

Finally, the IEA team would like to thank all the IEA participants for their time, assistance, and cooperation in undertaking this audit.

5 REFERENCES

Department of Infrastructure, Planning and Natural Resources, 2004, *Environmental Management Plan Guideline: Guideline for Infrastructure Projects*, Sydney, New South Wales

Department of Planning, Industry and the Environment, 2020, *Requirement 2, Independent Audit - Post Approval Requirements*, Sydney, New South Wales

International Organization for Standardization, 2018, *ISO 19011:2018 Guidelines For Auditing Management Systems*

6 LIMITATIONS AND DISCLAIMER

Epic Environmental Pty Ltd (Epic) has prepared the following report for the exclusive benefit of Tahmoor Coal - SIMEC (Client) and for the singular purpose of the Independent Environmental Audit at Tahmoor Coal Mine, NSW. All interpretations, finding or recommendations outlined in this report should be read and relied upon only in the context of the report as a whole.

The following report cannot be relied upon for any other purpose, at any other location or for the benefit of any other person, without the prior written consent of Epic. Except with Epic's prior written consent, this report may not be:

a. released to any other person, whether in whole or in part
b. used or relied upon by any other party
c. filed with any Governmental agency or other person or quoted or referred to in any public document

This report has been prepared based on information provided by the Client and other parties. In preparing this report Epic:

a. presumed the accuracy of the information provided by the Client (including its representatives)
d. has not undertaken any verification to the accuracy or reliability included in this information (with the exception where such verification formed part of the scope of works)
e. has not undertaken any independent investigations or enquiries outside the scope of works with respect to information provided for this report
f. provides no warranty or guarantee, expressed or implied, as to the accuracy or reliability of the information provided in this report

In recognition of the limited use of this report, the Client agrees that, to the maximum extent permitted by law, Epic (including its representatives and related entities) is not liable for any losses, claims, costs, expenses, damages (whether pursuant to statute, in contract or tort, for negligence or otherwise) suffered or incurred by the Client or any third party as a result of the information, findings, opinions, estimates, recommendations and conclusions provided in this report.

Without limiting the above, Epic (including its representatives and related entities) is not liable, in any way whatsoever:

b. for the use or reliance of this report for any purpose other than that for which it has been prepared
g. for any use or reliance upon this report by any person other than the Client
h. where another person has a different interpretation of the same information contained in the report
i. for any consequential or indirect losses, or for loss of profit or goodwill or any loss or corruption of any data, database or software

If a section of this disclaimer is determined by any court or other competent authority to be unlawful and/or unenforceable, the other sections of this disclaimer continue in effect. Where further information becomes available, or additional assumptions need to be made, Epic reserves its right to amend this report, but is not obliged to do so.

APPENDIX A PLANNING SECRETARY IEA TEAM APPROVAL

Department of Planning and Environment

Ms Zina Ainsworth
Environment & Community Manager
SIMEC Mining
2975 Remembrance Driveway
Tahmoor NSW 2573

13/03/2023

Dear Ms Ainsworth

Tahmoor South Coal Project (SSD 8445) and Tahmoor Coal Mine (DA 67/98)
Independent Environmental Audit 2023

I refer to your letter of 10 March 2023 seeking approval of Mr David Campbell, Ms Kirsty Douglas and Mr Chris Griffiths of Epic Environmental Pty Ltd (the audit team) for the upcoming Independent Environmental Audit of Tahmoor South Coal Project and Tahmoor Coal Mine (the developments), in accordance with Schedule 2, Condition E16 of development consent SSD 8445 and Schedule 2, Condition 50 of development consent DA 67/98, as modified (the consents).

Having considered the qualifications and experience of the audit team, the Planning Secretary endorses the appointment of the audit team to undertake the audit in accordance with Schedule 2, Condition E15 and Schedule 2, Condition 50 of their respective consents. This approval is conditional on the audit team being independent of the developments and maintaining Exemplar Global certification. The department reserves the right to request an alternate auditor or audit team for future audits.

Please ensure this correspondence is appended to the Audit Report.

The audit is to be conducted in accordance with the AS/NZS ISO 19011 Australian/New Zealand Standard: Guidelines for quality and/or environmental management systems auditing and the Independent Audit Post Approval Requirements (Department 2020 or as updated). A copy of the guideline can be located at http://planning.nsw.gov.au/Policy-and-Legislation/Mining-and-Resources/Integrated-Mining-Policy.

The audit report is to include the following:

1. consultation with the relevant agencies and the CCC;
2. a compliance table indicating the compliance status of each condition of consent and any relevant EPL;
3. not use the term “partial compliance”;
4. recommend actions in response to non-compliances;
5. review the adequacy of plans and programs required under this consent; and
6. identify opportunities for improved environmental management and performance.

Within two months of undertaking the independent audit site inspection, Tahmoor is to submit a copy of the audit report to the Planning Secretary, together with its response to any recommendations contained in the audit report and a timetable to implement the recommendations. Prior to submitting the audit report to the Planning Secretary, it is recommended that Tahmoor review the report to ensure it complies with the relevant consent condition.

Failure to meet these requirements will require revision and resubmission of the Audit Report.

Should you have any enquiries in relation to this matter, please contact Georgia Dragicevic, Senior Compliance Officer, on (02) 4247 1852 or by email to Georgia.Dragicevic@planning.nsw.gov.au.

Yours sincerely



Katrina O'Reilly
Team Leader - Compliance
Compliance

As nominee of the Planning Secretary

APPENDIX B INDEPENDENT AUDITOR DECLARATION FORM

Epic Environmental Pty Ltd
ABN: 54 169 57 92 75

Suite 5
Level 9/ 189 Kent Street
Sydney, NSW 2000

1800 779 363
www.epicenvironmental.com.au

Memo

To: SIMEC – Tahmoor Coal	**From:** Kirsty Douglas	**Attention:** Planning Secretary
Project name: Tahmoor Coal - Independent Environmental Audit		
Project number: SAA230003.01	**Date:** 25 May 2023	
Subject: Independent Audit Report Declaration (post audit)		

Project Number	SAA230003.01
Consent Number	SSD 8445
Description of Project	Tahmoor Coal - Independent Environmental Audit
Project Address	2975 Remembrance Driveway, Bargo NSW 2574
Proponent	SIMEC – Tahmoor Coal
Title of Audit	Independent Environmental Audit
Date	25/05/2023

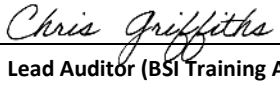
Independent Audit Report and to the best of my knowledge:

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

Notes:

a. Under section 10.6 of the *Environmental Planning and Assessment Act 1979* a person must not include false or misleading information (or provide information for inclusion in) in a report of monitoring data or an audit report produced to the Minister in connection with an audit if the person knows that the information is false or misleading in a material respect. The proponent of an approved project must not fail to include information in (or provide information for inclusion in) a report of monitoring data or an audit report produced to the Minister in connection with an audit if the person knows that the information is materially relevant to the monitoring or audit. The maximum penalty is, in the case of a corporation, $1 million and for an individual, $250,000; and

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

Name of Auditor	**Chris Griffiths**
Signature	
Qualification	**Lead Auditor (BSI Training Academy), BSci (Environmental Management)**
Company	**Epic Environmental Pty Ltd**
Company Address	**Suite 5, Level 9, 189 Kent Street, Sydney, NSW, 2000**

Epic Environmental Pty Ltd
ABN: 54 169 57 92 75

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www.epicenvironmental.com.au

Memo

To: SIMEC – Tahmoor Coal	**From:** Kirsty Douglas	**Attention:** Planning Secretary
Project name: Tahmoor Coal - Independent Environmental Audit		
Project number: SAA230003.01	**Date:** 25 May 2023	
Subject: Independent Audit Report Declaration (post audit)		

Project Number	SAA230003.01
Consent Number	SSD 8445
Description of Project	Tahmoor Coal - Independent Environmental Audit
Project Address	2975 Remembrance Driveway, Bargo NSW 2574
Proponent	SIMEC – Tahmoor Coal
Title of Audit	Independent Environmental Audit
Date	25/05/2023

Independent Audit Report and to the best of my knowledge:

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

Notes:

a. Under section 10.6 of the *Environmental Planning and Assessment Act 1979* a person must not include false or misleading information (or provide information for inclusion in) in a report of monitoring data or an audit report produced to the Minister in connection with an audit if the person knows that the information is false or misleading in a material respect. The proponent of an approved project must not fail to include information in (or provide information for inclusion in) a report of monitoring data or an audit report produced to the Minister in connection with an audit if the person knows that the information is materially relevant to the monitoring or audit. The maximum penalty is, in the case of a corporation, $1 million and for an individual, $250,000;and

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

Name of Auditor	**Kirsty Douglas**
Signature	
Qualification	**Lead Auditor (Exemplar Global, No. 210439), BEnvSci, Cert IAP2 Australasia (Engagement)**
Company	**Epic Environmental Pty Ltd**
Company Address	**Suite 5, Level 9, 189 Kent Street, Sydney, NSW, 2000**

APPENDIX C IEA PLAN



Audit Plan

SIMEC
Tahmoor Coal– Independent Environmental Audit
Tahmoor NSW
SAA230003.01
24 March 2023

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DOCUMENT CONTROL

Revision	Revision date	Revision details	Author	Editorial review	Technical review	Approver
A	24/03/2023	Draft for Internal Review	GH	KD	KD	KD
0	24/03/2023	Final for Issue	KD	DC	DC	KD
1	3/03/2023	Revised Final for Issue	KD	CG	CG	KD
2	5/04/2023	Minor Amendment (non-technical)	KD	CG	CG	KD

DISTRIBUTION

Revision	Revision date	Issued to
0	24/03/2023	Thomas O'Brien
1	03/04/2023	Thomas O'Brien
2	05/04/2023	Thomas O'Brien

DOCUMENT INFORMATION

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Author:	Kirsty Douglas
Project manager:	Chris Griffiths
Client:	SIMEC
Document title:	Audit Plan
Project number:	SAA230003.01

1 INTRODUCTION

Epic Environmental Pty Ltd (Epic) has been engaged by SIMEC Mining (SIMEC) to undertake two independent environmental audits (IEA) at Tahmoor Coal on Old Hume Highway, Bargo NSW (the site):

- Development Consent for a State Significant Development (SSD) - SSD 8445
- Development Application - (DA) 67/98

This document provides a detailed IEA plan to guide the execution and reporting of the IEA. The IEA plan should be reviewed by SIMEC and issued to relevant auditees prior to the execution of the IEA.

1.1 Purpose

The purpose of the audit is to:

As per Condition E15 of SSD 8445 – Tahmoor South Coal Project (due mid-April) and Condition 50 of DA 67/98 – Tahmoor Coal Mine (due September 2023), an IEA is required to be conducted in accordance with the Department of Planning and Environment 's *Independent Audit Post Approval Requirements (2020).*

The audits will be undertaken simultaneously in order to align future timing of the IEAs.

1.2 Scope

The IEA scope will include activities undertaken at the site, in relation to the operation of the Tahmoor Coal Mine, NSW.

1.3 Objectives

The key objectives of the IEA are to:

- Assess whether operations are being undertaken from an environmental point of view in accordance with best practice, standards, and legislative requirements
- Assess the overall environmental performance of the project on the surrounding environment and sensitive receptors
- Review the implementation of environmental management plans developed in accordance with the conditions of consent and the development approval
- Provide recommendations for the overall improvement of environmental performance of the project

1.4 IEA Criteria

The IEA criteria are the requirements which the site will be assessed against. The IEA criteria for the site will be as follows:

- Conditions of SSD 8445: Schedule 2 Parts A- E
- Conditions of DA 67/98
- EPL 1389
- The OEMP and relevant subplans

2 IEA PLANNING

2.1 IEA Team

The IEA team members have been provided in **Table 1**. In accordance with Condition E16 of the SSD 8445 and DA 67/98, an approval for the appointment of the independent audit team for the IEA has been granted by the Department of Planning and Environment (13/03/2023).

Table 1. IEA Team

Person	Role	Years' Experience	Qualification
Kirsty Douglas	Lead Auditor	17	Lead Auditor (Exemplar Global, No. 210439), BEnvSci (Conservation Biology and Ecology), GCert IAP2 Australasia
David Campbell	Technical Reviewer, Audit Assistant	17	Principal Auditor (Exemplar Global, No. 115051), BSc, AUSRIVAS certified, IECA SQP (no. SQP054), CPESC-IT (# 12577)
Chris Griffiths	Project Manager / Audit Assistant	17	Lead Auditor (BSI Training Centre), DSCi (Environmental Management)

2.2 SIMEC Staff Participation Requirements

2.2.1 SIMEC Representative

Thomas O'Brien will act as the SIMEC IEA representative during the completion of this IEA. Thomas will be responsible for organising meeting times, interview attendees and site inspection times.

2.2.2 Opening Meeting

The opening meeting will be held on site. The meeting will be facilitated by the IEA team and will be attended by select SIMEC personnel. SIMEC's IEA representative will be responsible for organising suitable time for undertaking the opening meeting.

2.2.3 Interviews

A number of key staff will be required to be interviewed during the IEA. The team members that may interviewed for the IEA mayl include:

- Site Environmental Representative
- Operations Manager
- HSE Representative

Interviews will be held both on site and via teleconference where additional time is required. The SIMEC IEA representative will be responsible for organising suitable times for undertaking the IEA interviews.

2.2.4 Site Inspection

A site inspection will be undertaken by Epic prior to the interviews being undertaken to provide an overview of the site and how it operates, as well as to visually verify compliance of certain conditions. The SIMEC IEA representative will liaise with relevant parties to obtain access and ensure persons are available to escort the IEA team around relevant areas of the site.

2.2.5 Close Meeting

The final closing meeting will be held after the site inspection and interviews are complete. The meeting will be facilitated by the IEA team and should be attended by all SIMEC interviewees. The SIMEC IEA representative will be responsible for organising a suitable time for undertaking the closing meeting.

2.3 IEA Program

Table 2. Proposed Program for the IEA

Proposed Time (NSW Time)	Proposed Date	Task Description	Locations	Who
Pre-IEA Preparations				
17:00	27/03/23	Preparation and provision of IEA Plan to SIMEC	Email	Epic
09:00 - 17:00	28/03/23	Provision of management plans required for the IEA	Email	SIMEC
09:00 - 17:00	28/03/23 – 04/04/23	Undertake a preliminary document review	Epic Offices	Epic
09:00 - 17:00	27/03/23 – 29/03/23	Develop the IEA tools	Epic Offices	Epic
IEA Phase				
09:00 – 09:30	04/04/23	Opening Meeting	Site	Epic, E&C and Operations Mgt
09:30 – 10:00	04/04/23	Tahmoor Presentation	Site	Epic and E&C
10:00 – 13:00	04/04/23	Site Inspection	Site	Epic & SIMEC
13:00 – 13:30	04/04/23	Lunch	Site	Provided by Tahmoor
13:30 – 16:30	04/04/23	IEA Interviews	Site	Epic and Env Reps
0:900 – 16:00	05/04/23	IEA Interviews	Site	Epic, E&C and Operations Mgt
16:00 – 16:30	05/04/23	Closing Meeting	Site	All
IEA Reporting				
17:00	11/04/23 – 21/04/23	Provision of additional evidence not obtained during the IEA phase	Email	SIMEC
09:00 - 17:00	01/05/23 – 05/05/23	Prepare the draft IEA reports	Epic Offices	Epic
17:00	05/05/23	Issue the draft IEA reports to SIMEC	Email	Epic
17:00	15/05/23	SIMEC provides comments on draft IEA report	Email	SIMEC
17:00	19/05/23	Issue the final IEA reports to SIMEC	Email	Epic

2.4 Communication Plan

All communication regarding the planning of the IEAs, information requirements and IEA execution will be either by email or phone to the SIMEC IEA representatives.

3 IEA EXECUTION

The following IEA methodology has been prepared with reference to:

- *Independent Audit – Post Approval Requirements* (NSW DPE, 2020)
- AS/NZS ISO 19011.2019 – *Guidelines for Auditing Management Systems*

3.1 IEA Scoring Criteria

The proposed compliance assessment ratings to be used in the IEA are outlined in **Table 3**.

Table 3. IEA Scoring Criteria

IEA Rating	Abbreviation	Definition
Compliant	C	The Auditor has collected sufficient verifiable evidence to demonstrate that all elements of the condition or management plan requirement have been complied with within the scope of the IEA.
Non-compliant	NC	The Auditor has determined that one or more specific elements of the conditions or management plan requirements have not been complied with within the scope of the IEA.
Not Triggered	NT	A condition or requirement has a trigger that has not been activated during the defined IEA period (may be a retrospective or future requirement), therefore an assessment of compliance is not relevant.

3.2 Develop Tools

The following tools will be prepared and utilised as part of the IEA program. These tools will assist in defining the scope of the IEA and will capture any issues identified during the IEA and allow discussion of potential recommendations on how these items can be rectified. The tools include:

- Opening meeting agenda and minutes
- Closing meeting agenda and minutes
- IEA checklist and interview questions

3.3 Undertaking the IEA

3.3.1 Document Review

With regard to the operations undertaken at the site, documentation provided by SIMEC prior to the IEA, will be reviewed to determine preliminary findings. These findings will be clarified with the SIMEC representatives during the IEA interviews and the site inspection (as required).

3.3.2 Conduct an Opening Meeting

An opening meeting will be conducted at the start of the IEA. The opening meeting will:

- Introduce the IEA team
- Confirm the IEA objectives, scope, and criteria
- Confirm communications channels
- Outline the IEA process and schedule
- Identify and set expectations and requirements
- Address Health and Safety requirements and confidentiality

Meeting minutes will be maintained and issued by Epic following the meeting.

3.3.3 Undertake Interviews

IEA interviews will be undertaken by the Lead Auditor. Questions delivered during the IEA interviews will be based on conditions or requirements applicable to the interviewee's area of responsibility. The SIMEC representative will be responsible for scheduling the IEA interviews with SIMEC personnel.

If any items of non-compliance are identified during the interview, they will be raised with SIMEC and noted in the report. If an item which poses a safety risk or risk of environmental harm, the SIMEC representative will be notified immediately.

3.3.4 Site Inspection

A SIMEC representative will be required to accompany the IEA team member on the site inspection and identify all locations requiring auditing. Photographs and measurements (where appropriate) will be taken of items of interest or items requiring corrective action. If any items of non-compliance are identified, they will be raised with SIMEC and noted in the report. If an item which poses a safety risk or immediate risk of environmental harm, the SIMEC representative will be notified immediately.

3.3.5 Conduct the Closing Meeting

A closing meeting will be conducted with SIMEC at the end of the IEA. It will provide an opportunity for the Auditor to outline positive and negative findings identified during the IEA, SIMEC to respond or clarify any findings, and the Auditor to confirm the process following the IEA. Meeting minutes will be maintained and issued following the meeting.

3.3.6 IEA Findings

The findings of the document review and interviews will be assessed and each finding assigned a rating within the IEA checklist. Once complete the IEA checklist will be provided (in excel format) to SIMEC for a review and response to each finding. Each SIMEC response to a non-compliance must also specify actions and the completion timing (dd/mm/yyyy) of such actions that are to be taken in response to the non-compliance. For each opportunity for improvement SIMEC must provide reasons if they propose not to implement any measures or make any changes in response.

3.3.7 IEA Report

Once the findings are assessed, rated, and reviewed, an IEA report will be prepared. The IEA report will include:

- Introduction, including:
  - Background of the site
  - The IEA team
  - The objectives of the IEA
  - The IEA scope
  - The IEA period
- The IEA method, including
  - Development of IEA scope
  - A summary of the IEA process adopted to determine the compliance status
  - A list of the approvals and documents reviewed
  - Details of personnel interviewed including their name and position title
  - Details of site inspections undertaken
  - A summary of the consultation undertaken prior to the IEA
  - Meanings of compliance status descriptors used, as set out in this document
- The IEA findings, including
  - A summary of the assessment of compliance
  - Details of notices, orders, penalty notices or prosecutions issued in relation to the consent during the IEA period
  - Exception reporting of all non-compliances identified during the IEA period
  - A discussion of the status of actions arising from previous IEAs and the progress or outcomes of each action

  - A discussion of whether the OEMP, Sub-plans and compliance documents are adequate and implemented
  - A discussion of other matters considered relevant during the IEA
  - A summary of complaints, and the adequacy of the response to, and management of complaints
  - Details of any incidents and the adequacy of the response to, and management of such incidents
  - An assessment of the compliance between actual and predicted impacts documented in the environmental impact assessment
  - Evidence collected through site inspections undertaken during the IEA
  - Any continual environmental management improvement opportunities identified as part of the IEA
  - Positive observations identified by the Auditor related to environmental management and performance
- Recommendations and opportunities for improvement
- The following appendices:
  - Complete IEA checklist including responses to findings
  - A copy of documentation from the Planning Secretary agreeing to the IEA Team
  - Documentation detailing consultation with the Department, and other agencies or stakeholders
  - Completed and signed IEA Declaration Form
  - Site inspection photographs

4 GENERAL IEA MATTERS

4.1 Logistical Arrangements for the IEA

Transport to and from the site and accommodation will be organised by Epic. The SIMEC representative will organise site personnel to escort Epic representatives on site, arrange appropriate meeting rooms and staff for interviews and all teleconference arrangements (as required).

4.2 Safety Matters

The IEA team will complete the SIMEC visitors' inductions prior to undertaking the site inspection. The IEA team will be escorted at all times by a SIMEC representative.

In accordance with the site requirements, the following PPE will be worn by the IEA team members:

- Long pants
- Long sleeve shirt
- Steel cap work boots
- Protective eyewear
- Hard hat

4.3 Matters Related to Confidentiality

All information supplied, sighted, and disclosed as part of this IEA will remain confidential. Outcomes of the IEA will be provided to SIMEC.

4.4 Auditors Code of Conduct

All certified Auditors have an obligation to improve the standing of their profession by observing the Exemplar Global Code of Conduct (Code). Compliance with the Code is a condition of certification and all Auditors have signed an agreement to comply with the Code and are required to confirm that they have complied with the Code at each period of surveillance and re-certification.

Code of Conduct

- Auditors will act professionally, accurately and in an unbiased manner.
- Auditors will strive to increase the competency and prestige of the profession.
- Auditors will assist those in their employ or under their supervision in developing their professional competency.
- Auditors will not undertake any assignments that they are not competent to perform.
- Auditors will not represent conflicting or competing interests and will disclose to any client or employer any relationships that may influence their judgment.
- Auditors will not discuss or disclose any information relating to any assignment unless required by law or authorised in writing by the client and/or their employing organization.
- Auditors will not accept any inducement, commission, gift or any other benefit from client organizations, their employees or any interested party or knowingly allow colleagues to do so.
- Auditors will not intentionally communicate false or misleading information that may compromise the integrity of any assignment or the personnel certification process.
- Auditors will comply with Exemplar Global Certification Requirements, procedures and advisories which are relevant to their profession or certification.
- Auditors will not act in any way that would prejudice the reputation of Exemplar Global or the personnel certification process and will cooperate fully with an enquiry in the event of any alleged breach of this code.

4.5 Key Contacts

Table 4. Key Contacts

Name	Company and Position	Phone	Email
Thomas O'Brien	SIMEC Representative	0429 319 044	Thomas.obrien@simecgfg.com
Kirsty Douglas	Epic, Lead Auditor	0410 410 373	kdouglas@epicenvironmental.com.au
David Campbell	Epic, Audit Technical Reviewer/ Assistant	0414 354 944	dcampbell@eoicenvironmental.com.au
Chris Griffiths	Epic, Project Manager /Assistant	0498 863 242	cgriffiths@epicenvironemntal.com.au

5 LIMITATIONS AND DISCLAIMER

Epic Environmental Pty Ltd (Epic) has prepared this report for the exclusive benefit of SIMEC (Client) and for the singular purpose of documenting an IEA plan for the 2023 Tahmoor Coal Independent Environmental Audits of DA 67/98 and SSD 8445. All interpretations, findings or recommendations outlined in this report should be read and relied upon only in the context of the report as a whole.

This report cannot be relied upon for any other purpose, at any other location or for the benefit of any other person, without the prior written consent of Epic. Except with Epic's prior written consent, this report may not be:

- Released to any other person, whether in whole or in part;
- Used or relied upon by any other party; or
- Filed with any Governmental agency or other person or quoted or referred to in any public document.

This report has been prepared based on information provided by the Client and other parties. In preparing this report Epic:

- Presumed the accuracy of the information provided by the Client (including its representatives);
- Has not undertaken any verification to the accuracy or reliability included in this information (with the exception where such verification formed part of the scope of works);
- Has not undertaken any independent investigations or enquiries outside the scope of works with respect to information provided for this report; and
- Provides no warranty or guarantee, expressed or implied, as to the accuracy or reliability of the information provided in this report.

In recognition of the limited use of this report, the Client agrees that, to the maximum extent permitted by law, Epic (including its representatives and related entities) is not liable for any losses, claims, costs, expenses, damages (whether pursuant to statute, in contract or tort, for negligence or otherwise) suffered or incurred by the Client or any third party as a result of the information, findings, opinions, estimates, recommendations and conclusions provided in this report.

Without limiting the above, Epic (including its representatives and related entities) is not liable, in any way whatsoever:

- For the use or reliance of this report for any purpose other than that for which it has been prepared;
- For any use or reliance upon this report by any person other than the Client;
- Where another person has a different interpretation of the same information contained in the report;
- For any consequential or indirect losses, or for loss of profit or goodwill or any loss or corruption of any data, database, or software.

If a section of this disclaimer is determined by any court or other competent authority to be unlawful and/or unenforceable, the other sections of this disclaimer continue in effect. Where further information becomes available, or additional assumptions need to be made, Epic reserves its right to amend this report, but is not obliged to do so.

CONTACT US

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APPENDIX D OPENING MEETING MINUTES

Epic Environmental Pty Ltd
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AUDIT-IN-CONFIDENCE

OPENING MEETING AGENDA

Project: SIMEC Tahmoor Coal 2023 Independent Environmental Audit (IEA) of SSD 8445 & DA 67/98		
Auditee	SIMEC	
Meeting Date and Time	4/4/2023; 9:00am	
Register of Attendees	**Name**	**Signature**
	Epic Representatives	
	Kirsty Douglas (Epic)	
	Gabby Head (Epic)	
	SIMEC (Tahmoor Coal) Representatives	
	Thomas O'Brien	
	Zina Ainsworth	
	Natalie Brumby	
	Pushkin Rahman	
	April Hudson	
	Jason Prestwidge	
	Clint Mason	
	Ross Barber	
	Allen Bind	
Agenda Item	**Notes**	
Safety Share	Fall at heights (fit for purpose equipment) (Tahmoor) Unknown haft son site (Epic)	
Introduction: Audit team	Kirsty Douglas – Lead Auditor Chris Griffiths – Auditing Assistant Gaby Head – Audit Support	
Audit Purpose	The purpose of the audit is to undertake an independent environmental audit (IEA) for operations at the Tahmoor Coal Project in accordance with: • Condition E15 of SSD 8445 – Tahmoor South Coal Project (due mid-April) • Condition 50 of DA 67/98 – Tahmoor Coal Mine (due September 2023)	
Audit Scope	The IEA scope will include activities undertaken at the site, in relation to the operation of the Tahmoor Coal Mine, NSW. The IEA is required to be conducted in accordance with the Department of Planning and Environment 's Independent Audit Post Approval Requirements (2020). The audits will be undertaken simultaneously in order to align future timing of the IEAs.	
Audit Objective	The key objectives of the IEA are to: • Assess whether operations are being undertaken from an environmental point of view in accordance with best practice, standards, and legislative requirements • Assess the overall environmental performance of the project on the surrounding environment and sensitive receptors • Review the implementation of environmental management plans developed in accordance with the conditions of consent and the development approval • Provide recommendations for the overall improvement of environmental performance of the project	
Audit Criteria	The IEA criteria are the requirements which the site will be assessed against. The IEA criteria for the site will be as follows: • Conditions of SSD 8445: Schedule 2 Parts A- E • Conditions of DA 67/98	

	• EPL 1389 • The OEMP and relevant subplans
Audit Method	**In accordance with the:** Independent Audit Post Approval Requirements (May 2020) **Document Review** • With regards to the operations undertaken at the site, documentation will be reviewed against the standard to identify actual or potential non-conformances or opportunities for improvement **Conduct an Opening Meeting** • This meeting conducted at the start of the audit **Undertake Interviews** • Questionnaires will be developed prior to the audit • Objective evidence will be requested to confirm conformance or compliance **Site Inspection** • Photographs and measurements (where appropriate) will be taken of items of interest or items requiring corrective action • If any items of non-compliance/conformance are identified, they will be raised with SIMEC and noted in the report • If an item which poses immediate environmental harm or is causing immediate environmental harm is identified, SIMEC will be notified immediately **Conduct the Closing Meeting/s** • A closing meeting will be conducted with SIMEC at the end of the audit • It will provide opportunity for Epic to outline positive and negative findings identified during the audit, SIMEC to respond or clarify any findings, and the auditor to confirm the process following the audit • Epic will maintain meeting minutes and attendance records **Audit Reporting** • The findings of the document review and interviews will be assessed, and each finding assigned a rating • Once the findings are assessed and rated, an audit report will be prepared **Matters Related to Confidentiality** • All information supplied, sighted, and disclosed as part of this audit will remain confidential • Results of the audit will only be provided to SIMEC
Audit Scoring	The scoring assessment ratings will be as follows: **Compliant:** • The auditor has collected sufficient verifiable evidence to demonstrate that all elements of the condition or management plan requirement have been complied/conformed with within the scope of the audit **Non- compliant:** • The auditor has determined that one or more specific elements of the conditions or management plan requirements have not been complied with within the scope of the audit **Not triggered:** • A condition or requirement has an activation or timing trigger that has not been met during the defined audit period (may be a retrospective or future requirement), therefore an assessment of compliance/conformance is not relevant **Opportunity for Improvement** • A condition is compliant, however possible improvements identified.

<table>
<tr><td>Audit Schedule</td><td>
<table>
<tr><td colspan="5">IEA Phase</td></tr>
<tr><td>09:00 – 09:30</td><td>04/04/23</td><td>Opening Meeting</td><td>Site</td><td>Epic, E&C and Operations Mgt</td></tr>
<tr><td>09:30 – 10:00</td><td>04/04/23</td><td>Tahmoor Presentation</td><td>Site</td><td>Epic and E&C</td></tr>
<tr><td>10:00 – 13:00</td><td>04/04/23</td><td>Site Inspection</td><td>Site</td><td>Epic & SIMEC</td></tr>
<tr><td>13:00 – 13:30</td><td>04/04/23</td><td>Lunch</td><td>Site</td><td>Provided by Tahmoor</td></tr>
<tr><td>13:30 – 16:30</td><td>04/04/23</td><td>IEA Interviews</td><td>Site</td><td>Epic and Env Reps</td></tr>
<tr><td>0:900 – 16:00</td><td>05/04/23</td><td>IEA Interviews</td><td>Site</td><td>Epic, E&C and Operations Mgt</td></tr>
<tr><td>16:00 – 16:30</td><td>05/04/23</td><td>Closing Meeting</td><td>Site</td><td>All</td></tr>
<tr><td colspan="5">IEA Reporting</td></tr>
<tr><td>17:00</td><td>11/04/23 – 21/04/23</td><td>Provision of additional evidence not obtained during the IEA phase</td><td>Email</td><td>SIMEC</td></tr>
<tr><td>09:00 - 17:00</td><td>01/05/23 – 05/05/23</td><td>Prepare the draft IEA reports</td><td>Epic Offices</td><td>Epic</td></tr>
<tr><td>17:00</td><td>05/05/23</td><td>Issue the draft IEA reports to SIMEC</td><td>Email</td><td>Epic</td></tr>
<tr><td>17:00</td><td>15/05/23</td><td>SIMEC provides comments on draft IEA report</td><td>Email</td><td>SIMEC</td></tr>
<tr><td>17:00</td><td>19/05/23</td><td>Issue the final IEA reports to SIMEC</td><td>Email</td><td>Epic</td></tr>
</table>
</td></tr>
<tr><td>Audit Report</td><td>A draft audit report will be prepared for SIMEC’s review and comment. Based on one round of consolidated review comments a final audit report will be submitted to SIMEC.</td></tr>
<tr><td>Closing Meeting</td><td>At the closing meeting, Epic will present preliminary findings, these may change as the final document review is completed.</td></tr>
<tr><td colspan="2">General Items</td></tr>
<tr><td>Auditors Code of Conduct & Confidentiality</td><td>All certified auditors have an obligation to improve the standing of their profession by observing the Exemplar Global Code of Conduct (Code). Compliance with the Code is a condition of certification and all auditors have signed an agreement to comply with the Code and are required to confirm that they have complied with the Code at each period of surveillance and re-certification.

All information supplied, sighted and disclosed as part of this audit will remain confidential. Outcomes of the audit will only be provided to the Principal.</td></tr>
<tr><td>Safety</td><td>At the time of the audit, the auditors will be escorted at all times by a SIMEC Representative. The auditors will wear standard PPE.</td></tr>
<tr><td>Resources and Facilities Available</td><td>Toilet, meeting rooms etc will be available to the auditors at the time of the site inspection</td></tr>
<tr><td>Expectation from Auditors and Auditees</td><td>Please be respectful of everyone’s time and log into meetings at your allotted times to the interviews can be carried out, as scheduled.</td></tr>
<tr><td>Questions</td><td></td></tr>
</table>

APPENDIX E INDEPENDENT ENVIRONMENTAL AUDIT TABLE

Tahmoor Coal
2023 Independent Environmental Audit
State Significant Development 8445

Condition Ref	Requirement (Exact Wording)	Compliance Rating	Evidence Reviewed	Independent IEA Findings	Unique Identification
Part A ADMINISTRATIVE CONDITIONS					
Obligation to Minimise Harm to the Environment					
A1	In addition to meeting the specific performance measures and criteria established under this consent, the Applicant must implement all reasonable and feasible measures 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.	Compliant	1. Extraction Plan South Domain - Longwall South 1A - South 6A Rev3 (TAH-HSEC-00360, 18/01/2023)	There is no evidence to indicate that any material harm has been caused during the audit period.	
Terms of Consent					
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) generally in accordance with the EIS; and (d) generally in accordance with the Development Layout in Appendix 2.	Compliant		The development is being carried out generally in accordance with the requirements of this consent	
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).	Not triggered	1. Audit interviews	The Auditee confirmed that there had been no written directions form the Planning Secretary within the audit period.	
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/s listed in condition A2(c). In the event of an inconsistency, ambiguity or conflict between any of the document/s, the most recent document prevails to the extent of the inconsistency, ambiguity or conflict.	Not triggered	1. Audit interviews	The Auditee confirmed that there had been no written directions form the Planning Secretary within the audit period.	
Limits of Consent					
Mining Operation					
A5	First workings and second workings may only be carried out within the area covered by the approved mine plan, subject to condition A7 requiring shortening of Longwall 1038 (LW1038) and Longwall 1048 (LW1048).	Compliant	1. Figure: Tahmoor South Extraction Plan LW1A to LW6B 30 July 2021. 2. Audit interviews	The Auditee confirmed that the mining operations in LW103B and 104B are yet to commence. Extraction plan is yet to be completed and approved.	
A6	Mining operations may only be carried out on the site until 31 December 2033, or until 10 years from the commencement of second workings, whichever is the sooner. *Notes:* *• Under this consent, the Applicant is required to decommission and rehabilitate the site and carry out other requirements in* *relation to mining operations. Consequently, this consent will continue to apply in all respects other than to permit the carrying* *out of mining operations until the rehabilitation of the site and other requirements have been carried out to the required standard.* *• Mining operations and rehabilitation are also regulated under the Mining Act 1992.*	Compliant	1. Audit interviews 2. Extraction Plan South Domain - Longwall South 1A - South 6A Rev3 (TAH-HSEC-00360, 18/01/2023)	Operations for second workings has commenced (October 2022) and are due to cease in October 2032.	
A7	Unless the Planning Secretary agrees otherwise, the Applicant must set back the commencement location (i.e. south eastern end) of LW1038 a minimum distance of 400 metres and LW1048 a minimum distance of 700 metres to avoid mining directly under Dog Trap Creek.	Not triggered	1. Audit interviews	Mining operations in LW103B and 104B are yet to commence. Extraction plan yet to be completed and approved.	

A8	If the Applicant decides to seek the Planning Secretary's approval to vary the commencement location of LW1038 or LW1048 set in condition A? above, then it must include the following information in the relevant Extraction Plan: (a) significance assessment of key stream and riparian features including pool volumes and water holding capacity, pool ecological attributes, groundwater dependent ecosystems and Aboriginal heritage sites; (b) updated subsidence effects, impact and consequence assessment, having considered any subsidence induced impacts to surface waters as a result of the development, comparing the shortened longwall commencement position and the commencement position originally proposed; (c) details of likely remediation required on the predictions for each of the commencement positions, and considering any damage to, and successful remediation of, any watercourse affected by subsidence of previously extracted longwalls; and (d) costs and benefits of the commencement positions, including consideration of costs of any predicted remediation. demonstrating that there would be no unacceptable residual impacts, to the satisfaction of the Secretary.	Not triggered	1. Audit interviews	Mining operations in LW103B and 104B are yet to commence. Extraction plan yet to be completed and approved.	
A9	The proposed downcast ventilation shaft TSC2 must be constructed on the same site as TSC1. Disturbance must not occur at the proposed TSC2 site. Construction of shafts TSC1 and TSC2 must not be commenced until a revised layout and design has been submitted to and approved by the Planning Secretary. This Condition does not remove the need for the Applicant to pursue micro-siting of surface infrastructure to avoid biodiversity impacts as required under condition 838(e)(i).	Not triggered	1. Audit interviews 2. Site inspection	Ventilation Shaft TSC2 has not been constructed. The existing shaft was re-purposed and new fans installed	
Coal Extraction and Processing and Transport					
A10	Until the commencement of second workings under this consent, coal processing, transport and any other relevant mining activities are to be undertaken in accordance with existing development consents for the site, including: (a) processing a maximum of 3 million tonnes of ROM coal on the site in any calendar year; (b) transporting by road a maximum of: (i) 50,000 tonnes of product coal from the site to locations within the Wollondilly local government area; and (ii) 50,000 tonnes of reject material from the site.	Compliant	1. Annual Review and Annual Environmental Management Report 2020, 2021 , 2022) 2. Tahmoor South - Traffic Management Plan Rev 3.0 (TAH-HSEC-370, 19/10/2022) 3. Audit interviews	Table 6.1 in the annual review outlines the ROM feed tonnes confirming they were within the requirements of this condition: - 2020: 2,354,901 - 2021: 2,747,965 - 2022: 2,324,202 Table 10 in the TMP includes information demonstrating compliance with the requirements of this condition. The Auditee confirmed the there has not been any road transport within the audit period.	
A11	Following the commencement of second workings under this consent: (a) a maximum of 4 million tonnes of ROM coal may be extracted and processed on the site in any calendar year; (b) a maximum of 33 million tonnes of ROM coal may be extracted and processed on site over the life of the development, under this consent; (c) a maximum of 200,000 tonnes of material (inclL1ding ROM coal, product coal and coal reject material) may be transported to and from the site by road in any calendar year, including a maximum of: (i) 3,000 tonnes per day; (ii) 16 truck movements in total per hour; and (iii) 158 truck movements in total per day.	Compliant	1. Annual Review and Annual Environmental Management Report 2020, 2021 , 2022) 2. Audit interviews	The second workings have not completed a full calendar year at the time of this audit will be The 2022 Annual review report forecasts the ROM feed tonnes will be 2,826,112 AMR (second workings) 3 months Table 10 of the TMP includes reference to the requirements of this condition. The Auditee confirmed the there has not been any road transport within the audit period .	
A12	During construction activities at the ventilation shaft sites, truck movements at these sites must not exceed 16 movements per day.	Not triggered	1. Audit interviews 2. Tahmoor South - Traffic Management Plan Rev 3.0 (TAH-HSEC-370, 19/10/2022) 3. Site inspection	Ventilation Shafts were not constructed. Refer to audit finding for A9.	
A13	A maximum of 4 laden trains may leave the site in any 24-hour period.	Compliant	1. Annual Review and Annual Environmental Management Report 2020, 2021 , 2022) 2. Audit interviews	Section 23 of the report outlines that the train times and tonnes are recorded and reported in Appendix 12. A review of Appendix 12 confirmed that train departures do not exceed 4 in any 24 hour period (02/01/2022 - 19/12/2022)	
Hours of Operation					
A14	Underground mining operations may be undertaken 24 hours a day, 7 days a week.	Note only		Note only - Condition allows the operation of the mine 24/7 365 days a year	

A15	Road transportation of coal and/or coal reject material to/from the site must only be undertaken between 7 am to 6 pm Monday to Saturday.	Compliant	1. Annual Review and Annual Environmental Management Report 2020, 2021 , 2022) 2. Tahmoor South - Traffic Management Plan Rev 3.0 (TAH-HSEC-370, 19/10/2022) 3. Audit interviews	Appendix 13 of the Annual report provides the data for truck movements and confirms that road transport of reject material only occurred within the hours allowed under this condition.	
A16	Except for drilling activities at the ventilation shaft sites, construction activities at the surface facilities site and ventilation shaft sites must only be undertaken between the hours of 7 am to 6 pm Monday to Friday, and 8 am to 1 pm Saturday, with no construction activities on Sundays or public holidays, unless the Planning Secretary agrees otherwise.	Compliant	1. Construction Environmental Management Plan Rev 1.0 (TAH-HSEC-376, 15/03/2022) 2. Letter - Tahmoor South Coal (SSDD-8445) Out of Hours Approval (DPIE, 14/04/2022)	Table 5 of the CEMP outlines the requirements of this condition. Section 3.3 of the CEMP outlines that works within the road corridor of Remembrance Driveway into the mine site occurred over approximately 10 nightshifts over an 8 week construction period (whether permitting) The letter form DPIE approves the works to occur over approximately 10 nightshifts over an 8 week period.	
A17	Drilling activities at the ventilation shaft sites may be undertaken 24 hours a day, 7 days a week.	Not Triggered		Ventilation shafts not constructed.	
Identification of Approval Disturbance Area					
A18	Within three months of commencement of development under this consent, or other timeframe agreed by the Planning Secretary, the Applicant must provide to the Department a survey plan (or spatial files in a format agreed by the Planning Secretary) of the boundaries of the approved disturbance areas.	Compliant	1. Audit interviews 2. Site inspection	Notification to the Planning secretary and the survey plan and spatial files observed during the site inspection.	
Notification of Commencement					
A19	The date of commencement of each of the following phases of the development must be notified to the Department in writing, at least two weeks before that date: (a) physical commencement of the development; (b) construction; (c) first workings; (d) second workings (including commencement of longwall extraction); (e) any period of suspension of mining operations ,and/or processing (i.e. care and maintenance); (f) cessation of mining operations (i.e. mine closure,); and (g) decommissioning.	Compliant		Notification of the proposed commencement of the development, construction, first and second workings provided to DPE (11/11/2022) Letter dated 9 May 2022 notified of delay to commencement of the development and construction and the revised commencement date of 16 May 2022.	
A20	If the phases of the development are to be further staged, the Department must be notified in writing at least two weeks before the commencement of each stage, of the date of commencement and the development to be carried out in that stage.	Compliant		Notification of the proposed commencement of the development, construction, first and second workings provided to DPE (11/11/2022) Letter dated 9 May 2022 notified of delay to commencement of the development and construction and the revised commencement date of 16 May 2022.	
Surrender of Existing Consents or Approvals					
A21	In accordance with the EP&A Regulation, the Applicant must: (a) surrender the Bargo consent (162/76) dated 1975, prior to the commencement of second workings under this consent, or other timeframe agreed by the Planning Secretary; and (b) surrender the Tahmoor consent (7105/47) dated 1975; the Tahmoor consent (76/20188) dated 1979; the Tahmoor Gas Extraction consent (190/85) dated 1985; and the Tahmoor consent (57 /93) dated 1994 following the completion of current mining activities and mine closure/rehabilitation activities required by those consents.	Compliant	1. Annual Review and Annual Environmental Management Report 2020, 2021 , 2022) 2. Audit interviews	a) The Bargo consent was surrendered on 5/10/2022 b) not triggered - dependent on the completion of mining activities and mine closure / rehabilitation activities..	
A22	Upon the commencement of development under this consent, and before the surrender of the consents listed under condition A2.1, the conditions of this consent prevail to the extent of any inconsistency with the conditions of consents listed under condition A2.1. *Note: This requirement does not extend to the surrender of construction and occupation certificates for existing and proposed building works under the former Part 4A of the EP&A Act or Part 6 of the EP&A Act as applies from 1 September 2018. The surrender should not be understood as implying that works legally constructed under a valid consent or approval can no longer be legally maintained or used.*	Note only			
Planning Agreement					

A23	Within six months of the date of commencement of construction as notified under condition A 19(b), or other timeframe agreed by the Planning Secretary, the Applicant must enter into a PA with Council in accordance with: (a) Division 7.1 of Part 7 of the EP&A Act; and (b) the terms of the Applicant's offer lo Council in Appendix 7.	Compliant	1.Audit interviews	The Auditee confirmed that this is underway, and have received an extension (letter dated 8/12/2022 observed during the audit interviews)	
A24	If there is any dispute between the Applicant and Council in regard to condition A2.3 then either party may refer the matter to the Planning Secretary for resolution.	Not Triggered		No Dispute to date	
Community Consultative Committee					
A25	Within three months of the commencement of the development, a Community Consultative Committee (CCC) must be established for the development in accordance with the Department's Community Consultative Committee Guidelines: State Significant Projects (2019). The CCC: must meet at a minimum frequency of once every six months. The CCC must continue to operate during the life of the development, or other timeframe agreed by the Planning Secretary. The Committee must comprise an independent chair and appropriate representation from the Applicant, Council, affected stakeholder groups and the local community.	Compliant	1. https://www.tahmoorcolliery.com.au/community/	A Community Consultative Committee has been established - details of members and meeting minutes are located on the sites website confirming they meet on a quarterly basis.	
A26	The CCC may be combined with the CCC for the existing Tahmoor Mine. *Notes:* • *The CCC is an advisory committee only.*	Compliant	1. https://www.tahmoorcolliery.com.au/community/ 2. Audit interviews	The Auditee confirmed that approval of the CCC was received from the DPE to combine the Tahmoor South CCC with the existing Tahmoor Mine CCC (24/062021)	
EVIDENCE OF CONSULTATION					
A27	Where conditions of this consent require consultation with an identified party, the Applicant must: (a) consult with the relevant party prior to submitting the subject document; and (b) provide details of the consultation undertaken to the Department, including: (i) the outcome of that consultation, matters resolved and unresolved; and (ii) details of any disagreement remaining between the party consulted and the Applicant and how the Applicant has addressed the matters not resolved.	Compliant	1. Community Development Plan 2. Stakeholder Engagement Plan 3. Management Plans 4. Communication and Engagement Procedure Audit interviews	Each management plan includes a section on internal and external stakeholder consultation, consultation undertaken to date in tabular form outlining who, consultation conducted and outcomes of consultation, as well as providing consultation details as an appendix to the plan. The site also operate under a stakeholder engagement plan and procedures.	
AAPLICAITON OF EXISTING MANAGEMENT PLANS					
A28	Prior to the approval of management plans under this consent, the Applicant must continue to implement any equivalent or similar management plans required under existing consents listed under condition A2.1, to the satisfaction of the Planning Secretary.	Compliant	1. Management Plans 2. Site inspection 3. Audit interviews	Letters of endorsement form the Department for the development of each management plan are included as an appendix to each plan. The Auditee confirmed that all plans have been submitted to the Department and implemented.	
Staging, Combining and Updating Strategies, Plans or Programs					
A29	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); (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); and (d) combine any strategy, plan or program required by this consent with any similar strategy, plan or program required by an adjoining mining consent or approval, in common ownership or management.	Compliant	1. Audi interviews	The Auditee confirmed that all staging plans are prepared and submitted to the Department for approval.	
A30	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.	Compliant	1. Audit interviews	The Auditee confirmed that staging of any strategy, plan or program goes through consultation with the Department. Approval Letter	

A31	If the Planning Secretary agrees, a strategy, plan or program may be staged without addressing particular requirements of the relevant condition of this consent i1i those requirements are not applicable to the particular stage.	Compliant	1. Audit interviews	The auditee confirmed that they have not made any requests to the Department with regard to the requirements of this condition.	
Protection of Public Infrastructure and Facilities					
A32	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. *This condition does not apply to any damage to roads caused as a result of general road usage, damage that has been compensated under the Mining Act 1992.*	Compliant	1. Audit interviews 2. Site inspection	The auditee confirmed the there had been no damage to public infrastructure at the time of the IEA. Post dilapidation reports identify any rehabilitation required as a result of the carrying out of the development.	
Demolition					
A33	All demolition must be carried out in accordance with Australian Standard AS 2601-2001 The Demolition of Structures (Standards Australia, 2001).	Compliant	1. Audit interviews	The Auditee confirmed that no demolition has occurred within the audit period.	
Structural Adequacy					
A34	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: (a) the relevant requirements of the BCA; and (b) any additional requirements of the SA NSW where the building or structure is located on land within a declared Mine Subsidence District. *Notes.-* *• Under Part 6 of the EP&A Act, the Applicant is required to obtain construction and occupation certificates for the proposed building works.* *• Environmental Planning and Assessment (Development Certification and Fire Safety) Regulation 2021 sets out the requirements for the certification of the development.* *• Under section 21 of the Coal Mine Subsidence Compensation Act 201 7, the Applicant is required to obtain the Chief Executive of SA NSW's approval before carrying out certain development in a Mine Subsidence District.*	Not Triggered		There have been no new buildings or structures or alterations or additions to existing buildings and structures during the audit period.	
Operation of Plant and Equipment					
A35	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.	Compliant	1. Audit interviews 2. Service record examples	The auditee confirmed that all equipment and plan maintenance is on a work order system and is tracked on a maintenance schedule. Examples of service records were observed during the site inspection.	
Compliance					
A36	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.	Compliant	1. Training Package 2. Training records 3. Audit interviews	All site personnel complete induction training and a copy of the training record sign off sheet was observed during the site inspection	
Applicability of Guidelines					
A37	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 inclusion (or later update) in the condition.	Note only			
A38	However, consistent with the conditions of this consent and without altering any limits or criteria in this consent, the Planning Secretary may, in respect of ongoing monitoring and management obligations, agree to or require compliance with an updated or revised version of such a guideline, protocol, Standard or policy, or a replacement of them.	Note only			
Crown Land					

A39	The Applicant must consult with DPE - Crown Lands prior to undertaking any development on Crown Land or Crown Roads. Notes: • Under section 265 of the Mining Act 1992, the Applicant is required to enter into a compensation agreement with OPIE - Crown Lands prior to undertaking any mining operations or related activities on Crown land or Crown roads within a mining lease. • Under section 141 of the Mining Act 1992, the Applicant is required to enter into an access arrangement with OPIE - Crown Lands prior to undertaking any prospecting operations or., Crown land or Crown roads within an exploration licence.	Compliant	1. Audit interviews	No works occurring on Crown Lan or roads during the audit period. The Auditee confirmed that consultation with Crown Lands occurs as required.	
Part B SPECIFIC ENVIRONMENTAL CONDITIONS					
Noise and Blasting					
Noise Criteria					
B1	The Applicant must ensure that noise generated during construction activities at the ventilation shaft sites does not exceed the criteria in Table 1 at any receiver on privately-owned land	Not Triggered	1. Tahmoor South - Noise Management Plan Trev 3.0 (TAH-HSEC-00372m 19/10/2022) 2. Audit interviews	Section 5.1 of the NMP outlines the management and monitoring requirements for construction and operations. Table 5 outlines the assessment locations, timing and noise limits as required by this condition. Ventilation Shaft TSC2 has not been constructed. The existing shaft was re-purposed and new fans installed	
B2	Within two years of the commencement of development, the Applicant must ensure that the noise generated by the development does not exceed the criteria in Table 2 at any receiver on privately-owned land However, the noise criteria in Table 1 apply for any receiver identified in that table during construction activities at the ventilation shaft sites.	Compliant	1. Tahmoor South - Noise Management Plan Trev 3.0 (TAH-HSEC-00372m 19/10/2022) 2. Annual Review and Annual Environmental Management Report (2020, 2021 , 2022) 3. Audit interviews	The Auditee confirmed that the requirements of this condition are due in May 2024. Table 5 of the NMP outlines the assessment locations, timing and noise limits as required by this condition. The Annual Report outlines the management, performance and improvements with regards to noise management. Section 9.3 of the 2022 Annual report outlines that the mitigation works will be implemented in a staged approach over the next reporting period to comply with the requirements of this condition. The site will continue to operate and monitor sites noise levels in accordance the approved Noise Management Plan (TAH-HSEC-00372).	
B3	Noise generated by the development must be monitored and measured in accordance with the relevant procedures and exemptions (including certain meteorological conditions) of the NSW Noise Policy for Industry (EPA, 2017). The noise enhancing meteorological conditions determined by monitoring at the meteorological station required under condition 821 and as defined in Part D of the Noise Policy for Industry (EPA, 2017) apply to the noise criteria in Tables 1 and 2.	Compliant	1. Tahmoor South - Noise Management Plan Trev 3.0 (TAH-HSEC-00372m 19/10/2022) 2. Audit interviews	Section 5.4 of the plan outline the monitoring program and includes reference to the relevant standards and guidelines.	
B4	The noise criteria in Table 2 do not apply if the Applicant has an agreement with the owner/s of the relevant receiver or land to exceed the noise criteria, and the Applicant has advised the Department in writing of the terms of this agreement.	Not Triggered	1. Audit interviews	The Auditee confirmed that they have-not entered into any agreements during the audit period.	
Noise Operating Conditions					

B5	The Applicant must: (a) take all reasonable steps to minimise noise from the construction and operational activities, including low frequency noise and other audible characteristics, as well as road and rail noise associated with the development; (b) operate a comprehensive noise management system using a combination of predictive meteorological forecasting and real-time noise monitoring data to guide the day to day planning of mining operations, and the implementation of both proactive and reactive noise mitigation measures to ensure compliance with the relevant conditions of this consent; (c) take all reasonable steps to minimise the noise impacts of the development during noise-enhancing meteorological conditions; (d) continue to investigate ways to reduce the noise generated by the development; (e) only use locomotives and rolling stock that are approved to operate on the NSW rail network in accordance with EPL's issued for railway activities - rolling1 stock operations and use reasonable endeavours to ensure that rolling stock is selected to minimise noise; (f) carry out regular attended noise monitoring (,:it least quarterly, unless otherwise agreed by the Planning Secretary) to determine whether the development is complying with the relevant conditions of this consent; and (g) regularly assess the noise monitoring data and modify or stop operations on the site to ensure compliance with the relevant conditions of this consent.	Compliant	1. Tahmoor South - Noise Management Plan Trev 3.0 (TAH-HSEC-00372m 19/10/2022)	The NMP demonstrates compliance with the requirements of this condition: a) Section 5.3 Table outlines the noise management and mitigation measure to be implemented, including identify= whether these are proactive/reactive control types, the central and responsibility b) Section 5.4.3 describes the meteorological station used to manage advisors weather conditions an assist with the implementation of appropriate controls on a proactive basis c) Section 5.4.4 addresses noise enhancing conditions d)Section 6.1.1 addresses adaptive management / continuous improvement e) Details included in Table 12 noise management and mitigation measures (proactive control) f) Section 5.4.2 Outlines the monitoring program. table 14 and Figure 3 identify the monitoring locations g) Section 5.4.5 address es monitoring equipment effectiveness. This section also states that daily data download is completed and sent to the environmental coordinator /team for review.	
Reject Emplacement					
B6	Prior to the implementation of noise mitigation measures, the Applicant must ensure that: (a) reject emplacement in the REA does not occur at heights above RL 300m, except in areas identified as Stages 1 and 5 (see Figure 2 in Appendix 2) where reject material may be emplaced up to a height of RL 310 m; and (b) the emplacement of rejects above RL 300 m in1 the areas specified in (a) above does not occur concurrently with ventilation shaft construction activities.	Compliant	1. Tahmoor South - Noise Management Plan Trev 3.0 (TAH-HSEC-00372m 19/10/2022) 2. Internal mapping system 3.0 Audit interviews	The requirement to comply with the is condition is included in Table 12 of the NMP. A review of internal survey mapping during the site inspection identified that there was a section in the REA that was RL 312m, however the Auditee stated that his was the earthen bunding.	
Noise Management Plan					
B7	The Applicant must prepare a Noise Management Plan for the development to the satisfaction of the Planning Secretary. This plan must: (a) be prepared by a suitably qualified and experienced person/s whose appointment has been endorsed by the Planning Secretary; (b) be prepared in consultation with the EPA; (c) describe the measures to be implemented to ensure: (i) compliance with the noise criteria and Operating conditions in this consent; (ii) best practice noise management is being employed; (iii) noise impacts of the development are minimised during noise-enhancing meteorological conditions; (d) describe the noise management system in detail; (e) include a noise monitoring program that: (i) uses a combination of real-time and supplementary attended monitoring to evaluate the performance of the development; (ii) monitors noise at the nearest and/or most affected receivers; (iii) enables and facilitates reporting of perceived noise exceedances by potentially affected receivers; (iv) includes a program to calibrate and validate the real-time noise monitoring results with the attended monitoring results over time; (v) adequately supports the noise management system; (vi) includes a protocol for identifying any noise-related exceedance, incident or non-compliance and for notifying the Department and relevant stakeholders of any such event	Compliant	1. Tahmoor South - Noise Management Plan Trev 3.0 (TAH-HSEC-00372m 19/10/2022)	Section 1.2 of the NMP includes a statement that the plan has been prepared to address the requirements of this condition: a) Appendix B - letter for endorsement from the Department endorsing the suitably qualified and experience person to prepare the Management Plan b) Consultation details are outlined in Table 10 in section 3.3 c) Section 5.3 Table 12 outlines the noise management and mitigation measures - Section 5.4.1 Describes the monitoring program ad standard/guidelines for monitoring - Section 5.4.4 addresses noise enhancing conditions d) Section 5 address noise management system e)Section 5.4 outlines the monitoring program	

B8	The Applicant must not commence construction until the Noise Management Plan is approved by the Planning Secretary.	Compliant	1. Audit interviews 2. Letter - approval of Management Plan (DPIE 14/05/2022)	The management plan was approved by the Department prior to construction (14/5/2022)	
B9	The Applicant must implement the Noise Management Plan as approved by the Planning Secretary.	Compliant	1. Community complaints register (2022 and 2023) 2. Audit interviews	The NMP has been implemented on site - evident through noise monitoring being undertaken. Noise complaint received in 2022 are included on the complaints register which is available on the website. Complaints are also reported in the Annual Review Report. There were four noise complaints received within the audit period. All complaints were investigated, mitigation measures implemented (where required) and closed out	
Air Quality and Greenhouse Gas					
Odour					
B10	The Applicant must ensure that no offensive odours, as defined under the POEO Act, are emitted from the site.	Compliant	1. Community complaints register (2022 and 2023) 2. Audit interviews	No complaints regarding odour have been reported during the audit period	
Air Quality Criteria					
B11	The Applicant must ensure that all reasonable and feasible avoidance and mitigation measures are employed so that particulate matter emissions generated by the development do not cause exceedances of the criteria listed in Table 3 at any receivers on privately-owned land.	Compliant	1. Tahmoor South - air and Greenhouse Gas Management Plan Rev 3.0 (TAH-HSEC-000379, 19/10/2022) 2. Dust monitoring data (2022 and 2023)	Section 7 of the AGHGMP describes the air quality monitoring to be undertaken . Section 7.2 identifies that a combination of dust deposition gauges, HVAS and real time continuous monitoring devices, visual monitoring and meteorological station occurs on site. This is demonstrated through the monitoring results published on the website. Table 11 and Figure 6 identify the monitoring points	
B12	The air quality criteria in Table 3 do not apply if the Applicant has an agreement with the owner/s of the relevant receiver or land to exceed the air quality criteria, and the Applicant has advised the Department in writing of the terms of this agreement.	Not Triggered		No agreements with regard to this condition are currently in place.	
Mine-owned Land					
B13	Particulate matter emissions generated by the development must not exceed the criteria listed in Table 3 at any occupied residence on mine-owned land (including land owned by another mining company) unless: (a) the tenant and landowner (if the residence is owned by another mining company) have been notified of any health risks associated with such exceedances in accordance with the notification requirements under PART D of this consent; (b) the tenant of any such land that is owned by the Applicant can terminate their tenancy agreement without penalty at any time, subject to giving 14 days' notice; (c) air quality monitoring is regularly undertaken to inform the tenant and landowner (if the residence is owned by another mining company) of the likely particulate matter emissions at the residence; and (d) data from this monitoring is presented to the tenant and landowner in an appropriate format for a medical practitioner to assist the tenant and landowner in making informed decisions on the health risks associated with occupying the property.	Not Triggered	1. Tahmoor South - air and Greenhouse Gas Management Plan Rev 3.0 (TAH-HSEC-000379, 19/10/2022)	The AQHGMP includes a statement that this is not currently required.	
Air Quality Operating Conditions					

B14	The Applicant must: (a) take all reasonable and feasible steps to: (i) minimise odour, fume, and particulate matter (including PM10 and PM2.s) emissions of the development, paying particular attention to minimising odour from ventilation shafts, wheel-generated haul road emissions, and emissions from the REA. and stockpiles; (ii) eliminate or minimise the risk of spontaneous combustion; (iii) improve energy efficiency and reduce fugitive greenhouse gas emissions of the development; (iv) implement greenhouse gas abatement measures (including beneficial reuse and/or flaring) with respect to methane produced by underg1round coal mining; (v) minimise visible off-site air pollution generated by the development; and (vi) minimise to the greatest extent practicable, the extent of potential dust generating surfaces exposed on the site at any given point in time; (b) operate a comprehensive air quality management system that uses a combination of predictive meteorological forecasting and real-time air quality monitoring data to guide the day to day planning of mining operations and the implementation of both proactive and reactive air quality mitigation measures to ensure compliance with the relevant conditions of this consent and to respond to any air quality readings that exceed the 24 hour criteria specified in Table 3, irrespective of whether those exceedances are on a total or incremental basis; (c) minimise the air quality impacts of the development during adverse meteorological conditions and extraordinary events (see Note c to Table 3 above); (d) carry out regular air quality monitoring to determine whether the development is complying with the relevant conditions of this consent; and (e) regularly assess the air quality monitoring data and modify operations on the site to ensure compliance with the relevant conditions of this consent.	Compliant	1. Tahmoor South - air and Greenhouse Gas Management Plan Rev 3.0 (TAH-HSEC-000379, 19/10/2022) 2. Dust monitoring data (2022 and 2023) 3. Community complaints register (2022 and 2023)	The AGHGMP addressed the requirements of this condition: a) Design air quality controls are described in Table 9; - odour management measures are described n Table 15 - spontaneous combustion is addressed in a separate management plan - Table 13 describe the GHG mitigation measures b)Section outlined the air quality management system; Section 13.5 describe the process to address an y exceedance in are quality c) Table 9 outlines the air authority management measures; Table 10 outlines operational and construction management measures d) Section 7 outlines the monitoring program, Table 11 identifies monitoring locations e) Section 12.1 outline the adaptive management and con=continuous improvement measure to be implemented. Regular monitoring program has been implemented - as demonstrated through the monitoring results and reporting published on the sites website. No dust complaints received in the audit period.	
Spontaneous Combustion Management Plan					
B15	The Applicant must prepare a Spontaneous Combustion Management Plan for the development to the satisfaction of the Planning Secretary. This plan must: (a) be prepared by a suitably qualified and experienced person/s whose appointment has been endorsed by the Planning Secretary; (b) be prepared in consultation with the Resources Regulator; and (c) describe the measures to be implemented to minimise the risk of spontaneous combustion on the site.	Compliant	1. Tahmoor South Surface Spontaneous Combustion Management Plan Rev 2.0 (TAH-HSEC-380, 19/10/2022)	a) The letter of endorsement of the plan included in Appendix A confirms that the persons developing the plan are considered suitably qualified and experienced b) the draft management plan was submitted to the Resource Regulator for comment 16/12/2022, no comment received (refer Table 7) c) Management and monitoring is addressed in section 4: Management measure sin Section 42, monitoring in section 4.3	
B16	The Applicant must not commence second workings under this consent until the Spontaneous Combustion Management Plan is approved by the Planning Secretary.	Compliant	1. Tahmoor South Surface Spontaneous Combustion Management Plan Rev 2.0 (TAH-HSEC-380, 19/10/2022)	The letter of endorsement of the plan by the Department is dated 02/05/2022 and is included in Appendix B of the management plan.	
B17	The Applicant must implement the Spontaneous Combustion Management Plan as approved by the Planning Secretary.	Compliant	1. Tahmoor South Surface Spontaneous Combustion Management Plan Rev 2.0 (TAH-HSEC-380, 19/10/2022) 2. Audit interviews	The management plan has been implemented on site.	
Air Quality and Greenhouse Gas Management Plan					

B18	The Applicant must prepare an Air Quality and Greenhouse Gas Management Plan for the development to the satisfaction of the Planning Secretary. This plan must: (a) be prepared by a suitably qualified and experienced person/s whose appointment has been endorsed by the Planning Secretary; (b) be prepared in consultation with the EPA, NSW Health, Clean Energy Regulator and the CCC; (c) describe the measures to be implemented to ensure: (i) compliance with the air quality criteria and operating conditions in this consent; (ii) best practice management is being employed (including in respect to energy efficiency and the minimisation of greenhouse gas emissions from the site); and (iii) the air quality impacts of the development are minimised during adverse meteorological conditions and extraordinary events; (d) describe the air quality management system in detail; (e) describes the measures to be implemented to: (i) minimise the carbon dioxide equivalent of greenhouse gases released from the site, consistent with Condition B 19; and (ii) ensure that air quality impacts on nearby receivers associated with the flaring or venting of gases are minimised to the greatest extent practicable; and (f) include an air quality monitoring program, undertaken in accordance with the Approved Methods for Sampling and Analysis of Air Pollutants in New South W.;1/es (EPA, 2016) or its latest version, that: (i) uses monitors to evaluate the performance of the development against the air quality criteria in this consent and to guide day to day planning of operations, including two continuous particulate monitors located near the closest receivers: • west of the main surface facilities; and • north-east of the REA; (ii) adequately supports the air quality management system; (iii) includes a protocol for identifying an air quality incident and notifying the Department and relevant stakeholders of any such incident; and (iv) provides for annual public reporting of Scope 1 and 2 GHG emissions, including the 3 year rolling average specified in Condition B19	Compliant	1. Tahmoor South - air and Greenhouse Gas Management Plan Rev 3.0 (TAH-HSEC-000379, 19/10/2022)	The AGHGMP addresses the requirements of this condition: a) Appendix B - letter for endorsement from the Department endorsing the suitably qualified and experience person to prepare the Management Plan b) Stakeholder consultation is outlined in section 3 and Table 8, Appendix D c)Tables 9 and 10 outline the mitigation measures for air quality, Table 13 outlines the GHG mitigation measures d) Section 6 addresses the air quality management system e) Section 9 addresses the GHG management measures f) Section 7 outlines the air quality monitoring program and section 10 outlines the GHG monitoring program	
B19	The Applicant must ensure that all reasonable and feasible avoidance and mitigation measures are employed so that greenhouse gas emissions generated by the development are minimised, and must: (a) within two years of the development consent being granted (and each third year after that}, commission and prepare a study, prepared to the satisfaction of the Planning Secretary, to determine whether there are any reasonable and feasible measures that can be implemented to further reduce the abated Scope 1 and 2 GHG emissions; (b) if the study required by Condition B19 (a) finds there are reasonable and feasible measures, implement these measures in a timeframe determined in consultation, and to the satisfaction of, the Planning Secretary; (c) ensure that the development does not exceed the Scope 1 and 2 GHG emissions in Appendix 9, based on a 3 year rolling average; (d) monitor and report actual GHG emissions, (including both annual figures and 3 year rolling average), on an annual basis to the Planning Secretary and publicly in accordance with the Air Quality and Greenhouse Gas Management Plan required by Condition B 18; (e) ensure that any exceedances of the forecast Scope 1 and 2 GHG emissions (based on a 3 year rolling average) are offset by a mechanism to address the exceedances to the satisfaction of the Planning Secretary (this mechanism may take into account any exceedances already offset under other applicable Commonwealth or State requirements); (f) ensure that appropriate annual returns are made under the National Greenhouse and Energy Reporting legislation.	Compliant	1. Tahmoor South - air and Greenhouse Gas Management Plan Rev 3.0 (TAH-HSEC-000379, 19/10/2022)	The AGHGMP addresses the requirements of this condition: a) Table 3 identifies GHG mitigation measures b) reference to this item is noted in the AGHGMP c) Table 5 identifies scope 1 and 2 GHG emission limits; Section 13.5 discusses exceedances d) monitoring and reporting are addressed in Section 10 and 13.2 e) Section 13 addresses implementation and reporting f) Section 13.2 Table 16 outline the report require, details and where it is to be submitted,	
B20	The Applicant must not commence construction until the Air Quality and Greenhouse Gas Management Plan is approved by the Planning Secretary.	Compliant	1. Audit interview	The Auditee confirmed that approval from the Department was received on 17/3/2022 (letter observed during the audit interviews)	
B21	The Applicant must implement the Air Quality and Greenhouse Gas Management Plan as approved by the Planning Secretary.	Compliant	1.Dust monitoring data (2022 and 2023) 2. NGER reports (2018 - 2022) 3. Audit interview 4. Site inspection	Evidence of the management plan being implemented demonstrated through the monitoring program and reporting and annual NGER reports being completed and published on the sites website.	
Meteorological Monitoring					

B22	Prior to the commencement of construction and for the, life of the development, the Applicant must ensure that there is a suitable meteorological station operating in the vicinity of the site that: (a) complies with the requirements in the Approved Methods for Sampling and Analysis of Air Pollutants in New South Wales (EPA, 2016); and (b) is capable of measuring meteorological conditions in accordance with the NSW Noise Policy for Industry (EPA, 2017), unless a suitable alternative is approved by the Planning Secretary following consultation with the EPA.	Compliant	1. Site inspection	Meteorological station observed on site in accordance with the location identified in the AGHGMP.	
Water					
Water Supply					
B23	The Applicant must ensure that it has sufficient water for all stages of the development, and if necessary, adjust the scale of the development to match its available water supply.	Compliant	1. Tahmoor South Site Water Management Plan Rev 3.0 (TAH-HSEC-369, 19/10/2022) 2. Annual Review and Annual Environmental Management Report 2020, 2021 , 2022)	Section 5.2.1 of the management plan addresses water supply. Table 19.2 identifies the water licence calculated take for the reporting period	
B24	The Applicant must report on water captured, intercepted or extracted from the site each year (direct and indirect) in the Annual Review. This is to include water take when a water licence is required and where an exemption applies. Where a water licence is required the water take needs to be reviewed against existing water licences. *Note: Under the Water Act 1912 and/or the Water Management Act 2000, the Applicant is required to obtain all necessary water licences for the development, including during rehabilitation and following mine closure.*	Compliant	1. Annual Review and Annual Environmental Management Report 2020, 2021 , 2022)	Groundwater is discussed in section 19 Water Management. Table 19.1 provides a summary of the groundwater outflow demonstrating compliance with the approved entitlements. Table 19.2 Water Access Licence calculated take confirms the estimated take from 2020 - 2022 demonstrating that the quantities were well below the approved entitlements of 25ML (WAL 43572) and 24ML (WAL 25755)	
Compensatory Water Supply					
B25	Prior to the commencement of second workings under this consent, the Applicant must complete a bore census for all licensed privately-owned groundwater bores that are predicted to have a drawdown of greater than 2 metres as a result of the development providing: (a) notification of bore owners, including an indication of the level of risk of impact to their water supply; (b) ongoing engagement and consultation with bore owners in accordance with the Make Good Strategy contained in the EIS; (c) detailed baseline data regarding groundwater levels, yield and quality for privately-owned groundwater bores; and (d) a condition assessment of existing groundwater bores and monitoring equipment; to the satisfaction of the Planning Secretary.	Compliant	1. Groundwater Management Plan Rev 3.0(TAH-HSEC-373, 19/10/2022) 2. Tahmoor South Site Water Management Plan Rev 3.0 (TAH-HSEC-369, 19/10/2022)s	Pre-mining bore survey commenced in January 2022 and was concluded in March 2022. Groundwater level data is summarised in Table 10 of the management plan. Historical data is outlined in Section 4.1.7, Table 13 summarises the private groundwater users potentially impacted by the operation TARPs developed to define trigger levels, actions to respond to exceedance and plan performance measures. Section 5.2.2 outlines the detail for the bore census and the make good strategy, Correspondence regarding the bore census was observed during the audit interviews.	
B26	The Applicant must provide a compensatory water supply to any landowner of privately-owned land whose rightful water supply is adversely and directly impacted (other than an impact that is minor or negligible) as a result of the development, in consultation with NRAR and OPIE Water, and to the satisfaction of the Planning Secretary.	Not Triggered	1. Audit interview 2. Tahmoor South Site Water Management Plan Rev 3.0 (TAH-HSEC-369, 19/10/2022)s	The Auditee confirmed that this condition was not triggered during the audit period. Compensation water supply is addressed in section 5.2.2 of the management plan	
B27	The compensatory water supply measures must provide an alternative long-term supply of water that is equivalent, in quality and volume, to the loss attributable to the development. Equivalent water supply should be provided (at least on an interim basis) as soon as practicable after the loss is identified, unless otherwise agreed with the landowner. The burden of proof that any loss of water supply is not due to mining impacts rests with the Applicant.	Not Triggered	1. Audit interview 2. Tahmoor South Site Water Management Plan Rev 3.0 (TAH-HSEC-369, 19/10/2022)s	The Auditee confirmed that this condition was not triggered during the audit period. Compensation water supply is addressed in section 5.2.2 of the management plan	
B28	If the Applicant and the landowner cannot agree on whether the loss of water is to be attributed to the development or the measures to be implemented, or there is a dispute about the implementation of these measures, then either party may refer the matter to the Planning Secretary for resolution.	Not Triggered	1. Audit interview 2. Tahmoor South Site Water Management Plan Rev 3.0 (TAH-HSEC-369, 19/10/2022)	The Auditee confirmed that this condition was not triggered during the audit period. Compensation water supply is addressed in section 5.2.2 of the management plan	
B29	If the Applicant is unable to provide an alternative long-term supply of water, then the Applicant must provide compensation to the affected land owner, to the satisfaction of the Planning Secretary. *Note:* *• The Water Management Plan (see condition B34) is required to include trigger levels for investigating potentially adverse* *impacts on water supplies.*	Not Triggered	1. Audit interview 2. Tahmoor South Site Water Management Plan Rev 3.0 (TAH-HSEC-369, 19/10/2022)	The Auditee confirmed that this condition was not triggered during the audit period. Compensation water supply is addressed in section 5.2.2 of the management plan	
Water Treatment					

B30	Prior to 31 December 2023, the Applicant must commission the WTP required under Special Condition E 1.1 of EPL 1389.	Not Triggered	1. Audit interviews	The Auditee confirmed that the expected completion date is expected to be prior to 31/12/2023	
B30A	Within six months of the approval of Modification 1, and at six monthly intervals until the WTP is commissioned, the Applicant must submit a Progress Report to the Department and the EPA. The Progress Report must include: (a) an update on the shipping and delivery schedule of the WTP components; (b) a description of the WTP construction to date; (c) a revised WTP project timeline; and (d) forecasted completion date of the WTP commissioning.	Compliant	1. Audit interviews	The pilot plan was completed in December 2021, a variation (MOD 1) obtained for the plant to be commissioned by December 2023. installation of the treatment plant is expected to be December 2023	
B30B	The Applicant must provide an update on the progress of the WTP construction and commissioning and Tea Tree Hollow water quality monitoring results at the CCC meeting until the WTP is commissioned.	Compliant	1. Audit interview 2.Community Consultative Committee meeting minutes (December 2022)	Section 11.4 of the meeting minutes details the status of the water treatment plant The Auditee confirmed that this is undertaken on a quarterly basis with the most recent on being Q1 2023.	
Off-site Water Discharge and Transfers					
B31	The Applicant must ensure that all surface discharges from the site comply with all relevant provisions of the POEO Act, including any discharge limits (both volume and quality) set for the development in any EPL.	Compliant	1. EPL 1389 Monitoring Map 2. Annual review and Annual Environmental Management Reports 2020 - 2022	The EPL map located on the website identifies the water discharge, overflow and monitoring points as required by the EPL. There were no reportable incidents within the audit period. All incidents are published on the website and the annual reports	
Off-site Mine Water Transfers					
B3	This consent does not permit the transfer of water to and from the underground workings and goat areas of the Tahmoor North Mine. Nothing in this consent prevents appropriate consent being granted for such transfers of water.	Note only			
Water Management Performance Measures					
B33	The Applicant must comply with the performance measures in Table 5.	Compliant	1. Tahmoor South Site Water Management Plan Rev 3.0 (TAH-HSEC-369, 19/10/2022) 2. Surface Water Management Plan Rev 3.0 (TAH-HSEC-371, 19/10/2022) 3. Tahmoor South - Erosion and Sediment Control Plan Rev 3.0 (TAH-HSEC-374, 19/10/2022) 4. Site inspection	Performance measures are outlined in Section 2.2 and Table 5 of the water management plan. Performance measures are outlined in Section 9.1 of the surface water management plan. ESCP includes detail for general controls, reject emplacement area, water management, clearing, sediment dams , temporary controls as well as monitoring, maintenance and corrective actions. Observations made during the site inspection did not identity any water or sediment control issues.	
Water Management Plan					
	Prior to the commencement of construction activities, the Applicant must prepare a Water Management Plan for the development to the satisfaction of the Planning Secretary. This plan must: (a) be prepared by a suitably qualified and experienced person/s whose appointment has been endorsed by the Planning Secretary; (b) be prepared in consultation with OPIE Water and EPA; (c) describe the measures to be implemented to ensure that the Applicant complies with the water management performance measures (see Table 4); (d) utilise existing data from nearby mines and build on existing monitoring programs, where practicable;		1. Tahmoor South Site Water Management Plan Rev 3.0 (TAH-HSEC-369, 19/10/2022) 2. Extraction Plan Groundwater Technical Reports	Groundwater Technical reports are developed as part of the extraction management plans and includer predicted subsidence impacts ad groundwater impact assessments, management, monitoring and evaluation and TARPs The Water Management Plan addresses the requirements of this condition: a) Section 1.4 identifies that the plan has been developed by a suitably qualified person. Appendix A include the letter from the Department endorsing the suitably qualified person b) Section 3.3 outlines consultation undertaken, with feedback outlined in Table 6, Details of all consultation is included in Appendix C c) Water Management performance measure are outlined in Table 5 d) Outlined in Section 5.1 and the groundwater management plan	

(i) **Site Water Balance** that includes details of: • predicted annual inflows to and outflows from the site; • sources and security of water supply for the life of the development (including authorised entitlements and licences); • water storage capacity; • water use and management on the :site, including any water stored underground in goaf areas of Tahmoor North Mine; • licensed discharge points and limits; and • reporting procedures, including the annual preparation of a site water balance;		1. Tahmoor South Site Water Management Plan Rev 3.0 (TAH-HSEC-369, 19/10/2022)	Site water balance addressed in the Surface water management plan	
(e) include a: (ii) **Salt Balance** that includes details of • sources of saline material on the site; • saline material and saline water management on the site; • measures to minimise discharge of saline water from the site; and • reporting procedures, including the annual preparation of an updated salt balance;		1. Tahmoor South Site Water Management Plan Rev 3.0 (TAH-HSEC-369, 19/10/2022) 2. Surface Water Management Plan Rev 3.0 (TAH-HSEC-371, 19/10/2022)	Salt balance addressed in the section 6 of the Surface water management plan	
(iii) **Erosion and Sediment Control Plan** that: • is consistent with the requirements; of Managing Urban Stormwater: Soils and Construction - Volume 1: Blue Book (Landform, 2004) and Volume 2E: Mines and Quarries (DECC, 2008); • identifies activities that could cause $Oil erosion or generate sediment; • describes measures to minimise soil erosion and the potential for the transport of sediment to downstream waters; • describes the location, function and ,capacity of erosion and sediment control structures; and • describes what measures would be implemented to maintain (and if necessary, decommission) the structures over time;		1. Tahmoor South Site Water Management Plan Rev 3.0 (TAH-HSEC-369, 19/10/2022)	Erosion and sediment control plan is included in Appendix B and addressed the requirements of this condition	

B34	(iv) **Surface Water Management Plan** that includes: NSW Government • detailed baseline data on channel stability, water flows and water quality in the sections or parts of watercourses and/or water bodies potentially impacted by the development (including Tea Tree Hollow, Dog Trap Creek, Bargo River and all associated tributaries); • a detailed description of the surface water management system; • detailed plans, design objectives and performance criteria for water management infrastructure including: - any approved creek restoration works associated with the development; - water run-off diversions and catch drains; - erosion and sediment controls, including sediment dams; - any water storages, including mine water management systems; - water treatment plant required under the EPL; - compliance with the objectives for aquatic and riparian river systems set out in Table 4; - the sewage treatment plant; and - reinstated drainage networks on rehabilitated areas of the site; • surface water performance criteria, including trigger levels for identifying and investigating any potentially adverse impacts (or trends) associated with the development for; - water supply for other water users; - downstream surface water flows and quality; - stream and riparian vegetation health; and - post-mining water pollution form rehabilitated areas of the site; • a program to monitor and evaluate: - compliance with the relevant performance measures listed in Table 4 and the performance criteria in this plan; - controlled and uncontrolled discharges and seepage/leachate from the site; - impacts on water supply for other water users; - surface water inflows, outflows and storage volumes, to inform the Site Water Balance; - the effectiveness of the surface• water management system, and the measures in the Erosion and Sediment Control Plan; - reporting procedures for the results of the monitoring program, including notifying other water users of any elevated results; - a trigger action response plan to respond to any exceedances of the performance measures in Table 5, and to repair, mitigati9 and/or offset any adverse surface water impacts of the development, including measures to provide compensatory water supply to affected water users under condition B26; and • a program to periodically update and validate the stream flow water balance model; and	Compliant	1. Surface Water Management Plan Rev 3.0 (TAH-HSEC-371, 19/10/2022)	The surface water management plan addresses the requirement of this condition: - Baseline data is included n Section 4 - Performance measures are outline d in section 2.2.1 Table 1 - Water Monitoring plan is outline din Section 8 - Performance criteria is outlined in section 9 - Management , remediation and verification outlined in section 9.4 The Project does not involve the development of a stream flow water balance model.	
	(v) **Groundwater Management Plan** that includes: • detailed baseline data regarding groundwater levels, yield and quality for privately-owned groundwater bores (as required under condition B25(a)) and the condition of GDEs (including Thirlmere Lakes) potentially impacted by the development; • a program to periodically review and update data regarding groundwater levels, yield and quality at privately-owned groundwater bores in the vicinity of the development, including any bores potentially impacted by cumulative groundwater drawdown; • a detailed description of the groundwater management system, including commitments to: - install an additional monitoring bore in the footprint of Tahmoor North to monitor post-mining groundwater level and quality; - install additional monitoring bores (minimum of four) at or near the Thirlmere Lakes; - install bores above the initial lo1ngwalls to define profile fracturing and depressurisation in the Hawkesbury Sandstone and Bulgo Sandstone; - monitor shallow groundwater within the Hawkesbury Sandstone; - monitor volumetric take (mine inflow), including inflows to the underground mine; and regularly review the monitoring program to ensure robust and reliable monitoring is undertaken, including reviewin1 the performance of vibrating wire piezometers; • groundwater performance criteria, including trigger levels for identifying and investigating any potentially adverse groundwater impacts (or trends) associated with the development, on: - regional and local aquifers (alluvial and hard rock); and - groundwater supply for other users such as licensed privately-owned groundwater bores; • uncertainty analysis of the potential impacts of mining the proposed longwalls on the water levels in Thirlmere Lakes, based upon res1Jlts from the current Thirlmere Lakes Research Program and other ongoing monitoring and investigations;			The groundwater management plan developed demonstrates compliance with the requirements f this condition: - Baseline data outlined in Section 4.1 periodic review is addressed din section 4.3.2 - groundwater management systems are addressed in section 4.3 and	

	• a program to monitor and evaluate: - compliance with the relevant performance measures listed in Table 4 and the performance criteria of this plan; - water loss/seepage from water storages into the groundwater system; - groundwater inflows, outflows and storage volumes, to inform the Site Water Balance; - impacts on water supply for other water users; - impacts on GDEs (including Thirlmere Lakes); - the hydrogeological setting of 1:my nearby alluvial aquifers and the likelihood of any indirect impacts from the development; and - the effectiveness of the groundwater management system; • reporting procedures for the results of the monitoring program, including notifying other water users, the NSW Office of Environm19nt and Heritage and Thirlmere Lakes Research Program of any elevated results; • a trigger action response plan to respond to any exceedances of the relevant performance measures and groundwater performance criteria, and repair, mitigate and/or offset any adverse groundwater impacts of the development, including impacts on Thirlmere Lakes; • a Groundwater Modelling Plan that: - provides details for the future groundwater model re-build and recalibration which must be completed within 2 years of the, commencement of development under this consent; - is independently third-party reviewed; - provides for the incorporation o1f the outcomes of the findings of the Thirlmere Lakes Research Program and other relevant research on the Thirlmere Lakes; - considers field data and the outcomes of subsidence monitoring; - provides for periodic validation and where necessary recalibration, of the groundwater model for the development, includin9 an independent review of the model every 3 years, and comparison of monitoring results with modelled predictions; and • a plan to respond to any exceedanc13s of the performance measures in Table 4.		1. Groundwater Management Plan Rev 3.0 (TAH-HSEC-373, 19/10/2022)	- groundwater management systems are addressed in section 4.3 and Appendix B - Performance criteria is outline din section 4.4.1 and Appendix impacts of mining on water level is addresses in section 4.2 and Appendices E and G - Reporting procedures are outlined in Section 4.4.20 and 4.4.2 TARPS are included in Section 4.4.1 and Appendix G modelling plan is included in 4.2 and Appendices E and F repose to exceedances is outlined in Section 4.4.1 ands Appendix D	
	(vi) **Long-term Water Management** Strategy for the whole Tahmoor mining complex that: • Includes detailed modelling of the potential water impacts of the mining complex as water levels recover following the cessation of mining operations within the complex and rehabilitation of these operations; • identifies the measures that would b13 implemented at each of these mining operations to minimise any adverse water impacts; • includes a water licencing strategy for the ongoing take of any water over time; and • includes a program to monitor and review the water impacts of the mining complex over time		1. Surface Water Management Plan Rev 3.0 (TAH-HSEC-371, 19/10/2022)	The SWMP addressed the requirements of this condition: - Section 7.3 describes the updated numerical groundwater modelling - Section outlines the performance criteria and TARPs - Section 7.4 outlines the water licencing strategy Section 8 outlines the monitoring program	
B35	The Applicant must not commence construction until the Water Management Plan is approved by the Planning Secretary.	Compliant		Appendix C outlines consultation - EPA had no comments (22/12/2022) and DPIE Water provided feedback on 3/4/2022 stating they preferred to review the final plan inclusive of modelling	
B36	The Applicant must implement the Water Management Plan as approved by the Planning Secretary. Note: Some components of the Water Management Plan, such as the Long-term Water Management Strategy can be staged in accordance with Conditions A29 to A31.	Compliant		Plan has been implemented as per this condition which is event though the monitoring data published on the website.	
Biodiversity					
Biodiversity Credit Requirements					
B37	Within 2 years of the date of commencement of development under this consent, unless otherwise agreed by the Planning Secretary, the Applicant must retire the biodiversity credits specified in Table 6 below or as recalculated to the satisfaction of the BCT. The retirement of credits must be carried out in consultation with BCS and in accordance with the Biodiversity Offsets Scheme of the BC Act, to the satisfaction of the BCT.	Compliant	1. Tahmoor South Biodiversity Management Plan Rev 3.0 (TAH-HSEC-378, 19/10/2022) Audit interviews	Section 7.1 of the management plan addressed the is requirement. The Auditee confirmed the Credit requirements have changed due to the vent shaft not being constructed, therefore they are in the process of updating the biodiversity credit requirements as agreed to by the planning Secretary	
Biodiversity Management Plan					

B38	The Applicant must prepare a Biodiversity Management Plan for all areas of the development, to the satisfaction of the Planning Secretary. This plan must: (a) be prepared by a suitably qualified and experienced person/s whose appointment has been endorsed by the Planning Secretary; (b) be prepared in consultation with BCS; (c) describe the short, medium, and long term measures to be undertaken to retain and manage the remnant vegetation and fauna habitat on the site; (d) describe how biodiversity management would be integrated with similar measures within other management plans, including the Rehabilitation Management Plan referred to in condition 860; (e) describe the measures to be implemented within the approved disturbance areas to: (i) minimise the amount of vegetation clearing, in particular, by micro-siting surface infrastructure to avoid impacts to minimise clearing of CEECs; (ii) minimise impacts on fauna, including undertaking pre-clearance surveys; (iii) provide for the salvage, transplanting and/or propagation of threatened flora found during preclearance surveys, in accordance with the Guidelines for the Translocation of Threatened Plants in Australia (Commander et al., 2018), where feasible; and (iv) maximise the salvage of resources, inclt.1ding tree hollows, vegetation and soil resources, for beneficial reuse, including fauna habitat enhancement; (v) re-establish habitat for the Koala, as well as other threatened fauna; (f) describe the measures to be implemented on the site to: (i) minimise impacts to threatened ecological communities listed under the BC Act and EPBC Act, and contribute to conservation strategies for these communities; (ii) minimise impacts on fauna habitat resources such as hunting and foraging areas, habitat trees, fallen timber and hollow-bearing trees; (iii) enhance the quality of vegetation, vegetation connectivity and wildlife corridors including through the assisted regeneration and/or targeted revegetation of appropriate canopy, sub-canopy, understorey and ground strata; (iv) introduce naturally scarce fauna habitat features such as nest boxes and salvaged tree hollows, and promote the use of these introduced habitat features by threatened fauna species; (v) manage any potential conflicts with Aboriginal heritage values; (vi) protect vegetation and fauna habitat outside of the approved disturbance areas; (vii) manage the collection and propagation ,of seed from the local area; (viii) control weeds, including measures to avoid and mitigate the spread of weeds; (ix) control feral pests with consideration of actions identified in relevant threat abatement plans; (x) control erosion; (xi) control access to vegetated or revegetated areas; and (xii) manage bushfire hazards; (g) include a seasonally-based program to monitor and report on the effectiveness of the above measures, progress against the detailed performance indicators and completion criteria, and identify improvements that could be implemented to improve biodiversity outcomes; (h) identify the potential risks to the successful implementation of the Biodiversity Management Plan, and include a description of the contingency measures to be implemented to mitigate against these risks; and (i) include details of who would be responsible for monitoring, reviewing, and implementing the plan.	Compliant	1. Tahmoor South Biodiversity Management Plan Rev 3.0 (TAH-HSEC-378, 19/10/2022) 2. Audit interviews	Th Biodiversity Management Plan addresses the requirements of this condition: a) Letter of endorsement included in Appendix G (16/08/2021) b) Details of consultation included in Section 3.3 and Table 8 c)measure to be undertaken to retain remnant vegetation and fauna habitat are addressed in Section s5.2,5.3, 5.5.1 and 5.4; ongoing improvements are addressed in Section 5.5.3 and 5.36 d) Section 1.6 identifies the relationship with other management plan , noting that the biodiversity management taken is to be substantially integrated with the Rehabilitation Strategy and Management Plan to ensure biodiversity objectives are achieved. e) Preconstruction management measures are outlined in section 5.2, including vegetation and fauna protection through design and micro siting infrastructure, demarcating clearing areas, education, ESC, preclearance surveys and a management, vegetate clearing and salvage f) Measures implemented t minimise impacts are addressed in Section 5, Impacts to heritage items are addressed in the heritage Management plan g) Monitoring program is outlined in Section 6.4 and Table h)Identification of potential risk are addressed di section 6.3, with the contingency plan outline din Section 6.2. and Table 17 i) Plan has been approved by the Planning Secretary	
B39	The Applicant must not commence construction until the Biodiversity Management Plan is approved by the Planning Secretary.	Compliant	1. Tahmoor South Biodiversity Management Plan Rev 3.0 (TAH-HSEC-378, 19/10/2022)	Plan has been approved by the Planning Secretary	

B40	The Applicant must implement the Biodiversity Management Plan as approved by the Planning Secretary. *Note: The Biodiversity Management Plan and Rehabilitation Management Plan need to be substantially integrated to ensure biodiversity objectives are achieved through rehabilitation of the site.*	Compliant	1. Tahmoor South Biodiversity Management Plan Rev 3.0 (TAH-HSEC-378, 19/10/2022) 2. Audit interviews	The Biodiversity Plan, Rehabilitation Management plan and other related management plans are implemented on site.	
Heritage					
B41	The Applicant must ensure that the development does not cause any direct or indirect impact on any identified heritage item, beyond those predicted in the EIS. *Note: Identified heritage items are listed in Appendix 4.*	Compliant	1. Heritage Technical Assessments 2. Heritage Management Plans	Technical assessments are undertaken as part of the extraction plans and heritage management plan for bit historical and Aboriginal heritage are managed in accordance with the Heritage management plans included in the extraction plans	
Protection of Aboriginal Heritage					
B42	If any previously unknown Aboriginal object is discovered on the site, or suspected to be on the site: (a) all work in the immediate vicinity of the object or place must cease immediately; (b) a 1 Om buffer area around the object or place must be cordoned off; and (c) Heritage NSW must be contacted immediately.	Compliant	1. Heritage Management Plans 2. Audit interviews	The Auditee confirmed that there were no unexpected finds during the audit period. All Aboriginal Cultural Heritage is managed through the Heritage Management Plan which includes the following detail: - AHIMS registered sites, predicted subsidence impacts and environmental consequences, monitoring program, mitigation measures.	
B43	Work in the immediate vicinity may only recommence if: (a) the potential Aboriginal object is confirmed by Heritage NSW, in consultation with the Registered Aboriginal Parties, not to be an Aboriginal object or Aboriginal place; or (b) the Planning Secretary is satisfied with the measures to be implemented in respect of the Aboriginal object and makes a written direction in that regard.	Not Triggered	1. Heritage Management Plans 2. Audit interviews	The Auditee confirmed that there were no unexpected finds during the audit period.	
B44	If suspected human remains are discovered on the site!, then all work surrounding the area must cease, and the area must be secured. The Applicant must immediately notify NSW Police Force and Heritage NSW, and work must not recommence in the area until authorised by NSW Police Force and Heritage NSW.	Not Triggered	1. Heritage Management Plans 2. Audit interviews	The Auditee confirmed that there were no unexpected finds during the audit period. Unexpected find [procedure is include din the Heritage Management Plan	
B45	The Applicant must ensure that all known Aboriginal ,objects or Aboriginal places on the site and within any offset areas are properly recorded, and those records are kept up to date, in the Aboriginal Heritage Information Management System (AHIMS) Register.	Compliant	1. Heritage Management Plans 2. Audit interviews	The Auditee confirmed that the EIS consultant updated AHIMS as required. AHIMS records are included in the Heritage Management Plan.	
Protection of Historic Cultural Heritage					
B46	The Applicant must not commence second workings until the Historic Heritage Plan required under condition CS is approved by the Planning Secretary. The Applicant must implement the Historic Heritage Plan as approved by the Planning Secretary.	Compliant	1. Heritage Management Plans	The Heritage Management Plan form s part of the Extraction Plan, which has been approved.	
Visual					
Visual Amenity and Lighting					
B47	The Applicant must: (a) take all reasonable steps to minimise the visual and off-site lighting impacts of the development; (b) take all reasonable steps to shield views of mining operations and associated equipment from users of public roads and privately-owned residences; (c) ensure no fixed outdoor lights shine directly above the horizontal or above the building line or any illuminated structure; (d) ensure mobile lighting rigs do not shine directly above the horizontal (except where required for emergency safety purposes); (e) ensure that all external lighting associated with the development complies with relevant Australian Standards including the latest version of *Australian Standard AS4282 (INT) 2019 - Control of Obtrusive Effects of Outdoor Lighting* ; and (f) ensure that the visual appearance of any new buildings, structures, facilities or works (including paint colours and specifications) is aimed at blending as far as possible with the surrounding landscape.	Compliant	1.Audit interviews 2. Site inspection	No visual or lighting complaints received in the audit period. The site inspection was undertaken during the day, however lighting appeared to be located a in a manner to minimise potential impacts.	

B48	The Applicant must: (a) take all reasonable steps to minimise the waste (including coal rejects and tailings) generated by the development; (b) classify all waste in accordance with the Waste Classification Guidelines (EPA, 2014); (c) dispose of all waste at appropriately licensed waste facilities or as permitted in an applicable EPL; (d) manage on-site sewage treatment and disposal in accordance with the requirements of EPA and Council; and (e) monitor and report on the effectiveness of the waste minimisation and management measures in the Annual Review referred to in condition E13.	Compliant	1. Site inspection 2. Audit interviews 3. Waste Management Plan (TAH-HSEC-106) 3. Annual Review and Annual Environmental Management Report 2020, 2021, 2022)	(a) The auditee confirmed that all waste is managed in accordance with EPL requirements. (b) no evidence of waste from road construction being classified. (c) waste disposal in accordance with this requirement (note: previous NC closed out) (d) not triggered (e) Waste management is addressed in section 12 of the Annual reviews Observations made during the site inspection confirmed that waste management appeared to be in accordance with the requirements outlined in the WMP: - waste was segregated - waste reporting records up to date - storage areas bunded / roofed - spill equipment available Evidence of minor hydrocarbon staining noted in some storage areas, however not in a location where is could enter a watercourse or drainage line.	
B49	Except as expressly permitted in an applicable EPL, specific resource recovery order or exemption under the *Protection of the Environment Operations (Waste) Regulation 2014,* the Applicant must not receive waste at the site for storage, treatment, processing, reprocessing or disposal.	Not Triggered	1. Audit interviews	The Auditee confirmed that the site does not accept external waste.	
Sewage Treatment					
B50	Prior to the commencement of second workings undier this consent, the Applicant must commission the Sewage Treatment Plant.	Compliant	1. Audit interviews	Pre-commission sheet was observed during the audit interviews	
Dangerous Goods					
B51	The Applicant must ensure that the storage, handling and transport of: (a) dangerous goods is carried out in accordance with the relevant Australian Standards, particularly AS1940 and AS1596, and the Dangerous Goods Code; and (b) explosives are managed in accordance with the requirements of the Resources Regulator.	Compliant	1. Site inspecting 2. Audi interviews 3.Tahmoor South Construction Environmental Management Plan Rev 1.0 (TAH-HSEC-376, 15/03/2022) -	Management measures for the storage and handling of hydrocarbons and chemicals is outlined in Table7 of the CEMP. Regular inspection occur to ensure chemicals are stored in accordance wit the requirements of the Australian Standards, , Hazardous substances and Dangerous Goods Management Plan. SDS available at the sites front gate for fire and emergency services access. Site observations confirmed that chemicals and dangerous goods were being stored appropriately, staff received incident training, spill equipment present at various locations on the site, SDS available.	
Bushfire Management					
B52	The Applicant must: (a) ensure that the development: (i) provides for asset protection in accordance with the relevant requirements in the Planning for Bushfire Protection (RFS, 2019) guideline; and (ii) ensure that there is suitable equipment to respond to any fires on the site; and (b) assist the RFS and emergency services to the extent practicable if there is a fire in the vicinity of the site.	Compliant	1. Tahmoor South - Bushfire Management Plan Rev 3.0 (TAH-HSEC-377, 19/10/2022) 2. Sit inspection	The management plan addresses the requirement of this condition: a) is in accordance with the relevant requirements of the guideline Section 13.4 identifies the onsite fire fighting equipment (site observations confirmed equipment is located at various location around the site) b) Bushfire protection measures are outlined in Section 13; section 14 addresses fuel; reduction and section 15 addresses fire trail/tracks/control lines. Section 16 discusses support to NSW RFS and emergency service during a bushfire.	

B53	Prior to commencing construction under this consent, the Applicant must prepare a Bushfire Management Plan for the development in consultation with RFS. This plan must include a: (a) contact person and 24 hour contact phone number; (b) schedule and description of proposed bushfire mitigation works, including: (i) location of managed and unmanaged vegetation within the site; (ii) location of water supply; and (iii) internal access roads; (c) plan identifying the location and storage of bulk flammable liquids and materials; (d) 'hot works' management plan, including: (i) circumstances when 'hot works' are limited or prohibited; and (ii) safety measures to be implemented when 'hot works' are being conducted; and (e) emergency/evacuation plan in accordance with the Guidelines for the Preparation of Emergency/Evacuation Plans (RFS) and Australian Standard AS3745 Planning for Emergencies in Facilities.	Compliant	1. Tahmoor South - Bushfire Management Plan Rev 3.0 (TAH-HSEC-377, 19/10/2022) 2. Sit inspection	The Bushland Management plan addressed the requirement of this condition: a)Emergency contacts are listed in Table 14 b) Section 12 outlines the bushfire protection measures, section 15, Take 13 identifies the access tracks and fire trail condition and works c)location of hazardous goods is outline din section 12.3 d) Hot works management is addressed in section 13.5 e) Section 16 outlines the emergency response procedures	
B54	The Applicant must implement the Bushfire Managem1ent Plan in consultation with RFS.	Compliant	1. Tahmoor South - Bushfire Management Plan Rev 3.0 (TAH-HSEC-377, 19/10/2022) 2. Sit inspection	Section 3 outlines the consultation undertaken with NSW RFS, Table 5 outlines consultation details undertaken to date	
Minor Surface Infrastructure					
Gas Drainage					
B55	The Applicant must ensure that all gas drainage pipelines (other than connection points, monitoring points, dewatering facilities, regulation or isolation points) between gas drainage plants are buried, unless otherwise agreed with the relevant landowner or unless burial is inappropriate for safety or other reasons, to the satisfaction of the Planning Secretary.	Compliant	1. Audit interviews	The Auditee confirmed that all gas drainage pipelines are buried and located within the mines land	
Rehabilitation					
Rehabilitation Objectives					
B56	associated with the development under the Mining Act 1992. This rehabilitation must be generally consistent with the proposed rehabilitation activities described in the EIS (and shown conceptually in the Rehabilitation Plan in Appendix 5), and must comply with the objectives in Table 6.	Compliant	1. Rehabilitation Management Plan Rev 2.0 (TAH-HSEC-402, 19/10/2022) 2. Tahmoor South Rehabilitation Strategy Rev 2.0 (TAH-HSEC-402, 12/12/2022) 3. Site inspection	These objectives are outlined I Part 4, Table 4.1. Table 4 outlines the proposed rehabilitation objective, rehabilitation completion criteria ad performance indicators Rehabilitation Management Plan - Part 4 and table 4. Rehabilitation progress is reported in section 20 of the annual review reports and Appendix 9 includes the rehabilitation monitoring report Section 6 of the Strategy addresses rehabilitation objectives and outcomes Rehabilitated areas were observed during the site inspection and appeared to be progressing well.	
Progressive Rehabilitation					
B57	The Applicant must rehabilitate the site progressively, that is, as soon as reasonably practicable following disturbance. All reasonable steps must be taken to minimise the total area exposed at any time. Interim stabilisation and temporary vegetation strategies must be employed when areas prone to dust generation, soil erosion and weed incursion cannot be permanently rehabilitated. *Note: It is accepted that some parts of the site that are progressively rehabilitated may be subject to further disturbance at some later stage of the development.*	Compliant	1. Rehabilitation Management Plan Rev 2.0 (TAH-HSEC-402, 19/10/2022) 2. Tahmoor South Rehabilitation Strategy Rev 2.0 (TAH-HSEC-402, 12/12/2022 3. Site inspection	Progressive rehabilitation is addressed in Section 6.1 of the management plan. The rehabilitation approach is addressed in Table 7 of the Strategy, Rehabilitated areas were observed during the site inspection and appeared to be progressing well.	
Rehabilitation Strategy					

B58	The Applicant must prepare a Rehabilitation Strategy for the site to the satisfaction of the Planning Secretary. This strategy must: (a) be prepared by a suitably qualified and experienced person/s whose appointment has been endorsed by the Planning Secretary; (b) be prepared in consultation with the Resources. Regulator, OPIE Water, BCS and Council; (c) be submitted to the Planning Secretary for approval within six months of the date of commencement of development under this consent; (d) build upon the Rehabilitation Objectives in Table 6, describe the overall rehabilitation outcomes for the site, and address all aspects of rehabilitation including mine closure, final landform, post-mining land use/s and water management; (e) align with strategic rehabilitation and mine closure objectives and address the principles of the Strategic Framework for Mine Closure (ANZMEC and MCA, 2000); (f) describe how the rehabilitation measures would be integrated with the measures in the Biodiversity Management Plan referred to in condition B38; (g) describe how rehabilitation will be integrated with the mine planning process, including a plan to address premature or temporary mine closure; (h) include details of: (i) target vegetation communities and species to be established within the proposed revegetation areas, including habitat for threatened fauna e.g. Koala; (ii) the design of the surface water drainage➔ network on the final landform; and (iii) the capping design of the REA as well as the quantity and source of capping material; (i) investigate opportunities to refine and improve the final landform over time, including the configuration of the REA; (j) include a post-mining land use strategy to investigate and facilitate post-mining beneficial land uses for the site, that: (i) align with regional and local strategic land use planning objectives and outcomes; (ii) support a sustainable future for the local community; (iii) utilise existing mining infrastructure, when practicable; and (iv) avoid disturbing self-sustaining native ecosystems, where practicable; (k) include a stakeholder engagement plan to guide rehabilitation and mine closure planning processes and outcomes; (l) investigate ways to minimise adverse socio-economic effects associated with rehabilitation and mine closure; and (m) include a program to report on the outcomes of the investigations required under this condition and	Compliant	1. Tahmoor South Rehabilitation Strategy Rev 2.0 (TAH-HSEC-402, 12/12/2022)	The strategy demonstrate compliance with the requirements of this condition: a) Section 1.5 identifies the suitably qualified person who has developed the strategy. Endorsement from the Department is included in Appendix E b) Consultation with relevant stakeholders is outlined in section 5, Table 5 c) Noted d) The rehabilitating approach is outlined in Table 7 e) Section 3 outlines the strategic framework for mine closure , the key objectives are identified in Table 4, which provides reference to the relevant section within the strategy f) Section 2.2 describes how the rehabilitation strategy will be integrated with the biodiversity management plan g) Section 2.3 describes how the rehabilitation strategy will be integrated with theine planning process and Table 7. h) The rehabilitating approach outlined in Table 7 addresses each item in this sub condition i) opportunities to refine and improve final landform is addressed in Section 4.1 and Table 7 j) Post mining land use strategy is addressed in section 4.1 k) Stakeholder engagement management plan is discussed in section 5 - engagement will occur in accordance with eh Stakeholder tenement plan (TAH-HSEC-0003.9) l) Addressed in section 5.4 m) the Strategy has been endorsed by the Planning Secretary (1/12)	
B59	The Applicant must implement the Rehabilitation Strategy approved by the Planning Secretary.	Compliant	1. Tahmoor South Rehabilitation Strategy Rev 2.0 (TAH-HSEC-402, 12/12/2022)	The Strategy has been endorsed by the Planning Secretary (1/12)	
Rehabilitation Management Plan					

B60	The Applicant must prepare a Rehabilitation mining management Plan for the development, in accordance with the conditions imposed on the mining lease(s) associated with the development under the Mining Act 1992. This plan must: (a) include a life of mine rehabilitation and mining schedule which outlines the key progressive rehabilitation milestones from the commencement of operations through to decommissioning and mine closure; (b) include Rehabilitation Objectives, Rehabilitation Completion Criteria and a Final Landform and Rehabilitation Plan; (c) include detailed performance indicators and completion criteria for each rehabilitation domain, and triggers for remedial actions, including actions to be undertaken in the event that vegetation establishment is impacted by spontaneous combustion; (d) include an overview of the identified risks to achieving successful rehabilitation; (e) describe the measures to be implemented on the site to achieve the Rehabilitation Objectives in Table 6 and to address the identified risks; (f) include a program to monitor, independently audit and report on progress against the criteria in paragraph (c) (a) and the effectiveness of the measures in paragraph (e); (g) describe any further studies, work, research or consultation that will be undertaken to expand the site-specific rehabilitation knowledge base, reduce uncertainty and improve rehabilitation outcomes; and (h) outline intervention and adaptive management techniques to ensure rehabilitation remains on a trajectory of achieving the Rehabilitation Objectives, Rehabilitation Completion Criteria and the Final Landform and Rehabilitation Plan as soon as reasonably practical. *Notes:* *• The Rehabilitation Management Plan should address all land impacted by the development.* *• The Rehabilitation Management Plan may be combined with a Mining Operations Plan, or similar plan, required under mining /leases granted for the development.* *• The Biodiversity Management Plan and Rehabilitation Management Plan require substantial integration to achieve the biodiversity objectives for the rehabilitated site.*	Compliant	1. Rehabilitator Management Plan Rev 2.0 (TAH-HSEC-402, 19/10/2022)	The Rehabilitation Management Plan addresses the requirements of this condition: a) life of mine rehabilitation schedule is addressed in section 6.1, with the phases of rehabilitation addressed in section 6.2 b) Rehabilitation objectives, completion criteria are addressed in section 4; final landform and rehabilitation plan is outlined in Section 5 c) Risks assessment is included in section 3 d) Risks assessment is included in section 3 e) Rehabilitation quality assurance is assessed in section 7 f) The monitoring program is included in Section 8 g) Section 9 outlines rehabilitation research, modelling and trials h) Adaptive management is addressed s in section 10	
TRANSPORT					
Monitoring of Coal and Reject Transport					
B61	The Applicant must: (a) keep accurate records of the: (i) amount of coal and rejects transported to and from the site (on a daily basis); (ii) date and time of each truck movement to and from the site; (iii) date and time of each train movement generated by the development; and (b) publish these results in the Annual Review.	Compliant	1. Annual Review and Annual Environmental Management Report 2020, 2021 , 2022) 2. Audit interviews	Appendix 12 and 13 of the Annual report include the requirements of this conditions.	
Transport Operating Conditions					
B62	The Applicant must: (a) ensure that all laden trucks entering or exiting the site have their loads covered; (b) only transport product coal by road to end use1:s without rail access; and (c) take all reasonable steps to minimise traffic safety issues and disruption to local road users. *Notes:* *• Truck movements to and from the site are also contra/leaf by the conditions specified in Al, A11 and A15.*	Compliant	1. Tahmoor South Traffic Management Plan Rev 3.0 (TAH-HSEC-370, 19/10/2022) 2. Audit interviews	Table 10 in the TMP outlines traffic management and mitigation measures demonstrating compliance with the requirements of this condition: a) All laden trucks covered (not overloaded) b) n/a mainly moved by train c) Avoidance of truck movements during school hours d) mitigation measures (table 10) covers construction and operations	
Road Maintenance					

B63	The Applicant must: (a) prepare a pre-dilapidation survey of the transport route/s prior to the commencement of any construction, road haulage or decommissioning works, or other wireframe agreed by the appropriate roads authority; (b) prepare a post-dilapidation survey of the trans1Port route/s within 1 month of the completion of construction, road haulage or decommissioning works, or other timeframe agreed by the applicable roads authority; and (c) rehabilitate and/or make good any development-related damage identified in the post-dilapidation survey prepared under paragraph (b} within 2 months of completing the post-dilapidation survey, or other timing as may be agreed by the applicable roads authority, to the satisfaction of the applicable roads authority.	Compliant	Pre-dilapidation surveys	Survey observed dated 2/9/22, for pre-dilapidation for works associated with the Road upgrade	
B64	If the construction, road haulage and/or decommissioning of the development is to be staged, the obligations in condition 863 apply to each stage.	Not Triggered		No staging of works during the audit period	
B65	If there is a dispute about the scope of any remedial works or the implementation of the works, then either party may refer the matter to the Planning Secretary for resolution.	Not Triggered		Post dilapidation surveys were not available at the time of the audit	
Road Upgrades					
B66	Prior to the commencement of second workings, the Applicant must upgrade the intersections of Remembrance Driveway and the Mine Access Road and Remembrance Driveway and Olive Lane, to the satisfaction of the relevant roads authority. *Notes:* *• The road upgrade works identified above include all road furniture and safety requirements required to meet relevant road standards, to the satisfaction of the appropriate roads authorities.* *• If there is a dispute between the relevant parties about the implementation of this condition, then any party may refer the matter to the Planning Secretary for resolution.*	Compliant	1. Practical completion letter (2/09/2022)-	The letter identified 5 points that were required to be addressed , the Auditee confirmed that these items are to be addressed prior to August 2023 (12 months	
Traffic Management Plan					

B67	The Applicant must prepare a Traffic Management Plan for the development to the satisfaction of the Planning Secretary. This plan must: (a) be prepared by a suitably qualified and experienced person/s whose appointment has been endorsed by the Planning Secretary; (b) be prepared in consultation with TfNSW and Council; (c) include details of: (i) key transport routes and traffic types to be used for development-related traffic; and (ii) the processes in place for the control of truck movements entering and exiting the site; (d) include a protocol for undertaking pre and post-dilapidation surveys and repairing any roads identified in the dilapidation surveys to have been damaged during construction, road haulage and/or decommissioning works; (e) include details of the measures to: (i) ensure compliance with the traffic operating conditions and transport-related conditions of consent; (ii) minimise traffic safety issues and disrup1tion to local road users during the construction and operational phases of the development, including: • avoiding or minimising construction ;and mining-related traffic during school drop off/ pick-up and peak traffic periods; • periodically assess the performance of the Avon Dam Road and Remembrance Driveway intersection and minimise the development-related traffic impacts on the operating capacity of this intersection; • notifying the local community about development-related traffic impacts; • implementing temporary traffic controls, including detours and signage (where required); • responding to any emergency rep1:1ir requirements or maintenance during construction and/or decommissioning; • managing any over-dimensional vehicles; and • minimising potential for conflict with :school buses; (f) include a Drivers' Code of Conduct that includes procedures to ensure that drivers: (i) adhere to posted speed limits or other n=quired travelling speeds; (ii) adhere to the designated transport routes and travel times; and (iii) implement safe driving practices. (g) describe the measures to be put in place to ensure compliance with the Drivers' Code of Conduct.	Compliant	1. Tahmoor South Traffic Management Plan Rev 3.0 (TAH-HSEC-370, 19/10/2022)	The requirements of this condition are addressed in the management plan: (a) Endorsement of the suitably qualified and experienced person by the Department is included in Appendix B (b) Consultation details are included in Section 3.3, Table 8. (c) Transport routes and type are identified in Section 4.1, Table 9 and Figure 1 (d) Dilapidation surveys are identified in Table 10 (e) Traffic management and mitigation measures are outlined in Table 10 (f) Drivers code of conduct is addressed in Section 5and Appendix A (g)Enforcement and compliance is discussed in Section 5.1	
B68	The Applicant must not commence construction until the Traffic Management Plan is approved by the Planning Secretary.	Compliant	1. Tahmoor South Traffic Management Plan Rev 3.0 (TAH-HSEC-370, 19/10/2022)	The management plan was approved prior to construction commencing.	
B69	The Applicant must implement the Traffic Management Plan as approved by the Planning Secretary.	Compliant	1. Tahmoor South Traffic Management Plan Rev 3.0 (TAH-HSEC-370, 19/10/2022)	The management plan was approved prior to construction commencing. Complete at the time of this audit.	
Social Impact Management Plan					

B70	The Applicant must prepare a Social Impact Management Plan for the development to the satisfaction of the Planning Secretary. This plan must: (a) be prepared by a suitably qualified and experienced person/s, whose appointment has been endorsed by the Planning Secretary; (b) be prepared in consultation with Council, the CCC, local affected communities and other interested stakeholders; (c) be submitted to the Planning Secretary for approval within six months of commencing development under this consent; (d) identify both positive and negative social impacts resulting from the development and following mine closure, both locally and regionally; (e) identify and build upon adaptive management and mitigation measures outlined in the EIS to avoid, minimise, and/or mitigate negative social impacts, including specific measures to minimise stress-related impacts on residents that may be affected by subsidence; (f) identify opportunities to secure and enhance positive social impacts from the development, including opportunities to assist in maintaining community services and facilities; (g) include a Community Engagement Strategy to ensure that residents affected by subsidence are given proactive advice and to inform them on how to engage with the Community Consultative Committee; (h) include a stakeholder engagement plan to ensure the evaluation and implementation of social impact management and mitigation measures, and (i) include a program to monitor, review and report on the effectiveness of these measures, including updating the plan 3 years prior to mine closure.	Compliant	1. Tahmoor South Social Impact Management Plan Rev 3.0 (TAH-HSEC-381, 06/10/2022)	Social Impact Management Plan addresses the requirements of this condition: (a) Details of the suitably qualified person is included in Section 1.4 and endorsement form the Department is included in Appendix B (b) Consultation details are included in Section 3.2 and Table 7 (c) Noted (d) Social impacts and management measures are outlined in Section 5 Table 8 (e) Social impacts and management measures are outlined in Section 5 Table 8, (f) Opportunities are outlined in Section 5 Table 8, (g) Section 7.1 outlines the community engagement strategy (h) Section 7.2 addresses stakeholder engagement plan requirements, outcomes are included in Appendix A i) Social impact monitoring and evaluation is addressed in section 6	
B71	The Applicant must not commence second workings until the Social Impact Management Plan is approved by the Planning Secretary.	Compliant	1 Tahmoor South Social Impact Management Plan Rev 3.0 (TAH-HSEC-381, 06/10/2022) 2. Audit interviews	The management plan is implemented upon endorsement from the Department 16/11/2022	
B72	The Applicant must implement the Social Impact Management Plan as approved by the Planning Secretary.	Compliant	1 Tahmoor South Social Impact Management Plan Rev 3.0 (TAH-HSEC-381, 06/10/2022) 2. Audit interviews	The management plan is implemented upon endorsement from the Department 16/11/2022	
Part C SPECIFIC ENVIRONMENTAL CONDITIONS - UNDERGROUND MINING					
Subsidence					
Performance Measures - Natural and Heritage Features etc.					
C1	The Applicant must ensure that the development does not cause any exceedances of the performance measures in Table 7.	Compliant	1. Extraction Plans	Extraction plans include an impact assessment report as well as trigger action response plans and management plans for various environmental elements	
C2	Measurement and monitoring of compliance with performance measures and performance indicators in this consent is to be undertaken using generally accepted methods that are appropriate to the environment and circumstances in which the feature or characteristic is located. These methods are to be fully described in the relevant management plans and monitoring programs. In the event of a dispute over the appropriateness of proposed methods, the Planning Secretary will be the final arbiter.	Compliant	1. Extraction Plans	Extraction plans include an impact assessment report as well as trigger action response plans and management plans for various environmental elements	
Additional Offsets					
C3	If the Applicant exceeds the performance measures in Table 7 and the Planning Secretary determines that: (a) it is not reasonable or feasible to remediate the subsidence impact or environmental consequence; or (b) remediation measures implemented by the Applicant have failed to satisfactorily remediate the subsidence impact or environmental consequence, then the Applicant must provide an offset to compensate for the subsidence impact or environmental consequence, that is proportionate to the significance of the subsidence impact or environmental consequence, following consultation with BCS and/or Heritage NSW and to the satisfaction of the Planning Secretary.	Not Triggered		There have been no request made by the Planning Secretary within the audit period 6monthly subsidence reports are undertaken to determine impacts.	

C4	The offset required under condition C3 must give priority to like-for-like physical environmental offsets, but may also consider other offsets under the Biodiversity Offsets Scheme of the BC Act, such as the Biodiversity Conservation Fund established by BCT, or funding or implementing supplementary measures, such as: (a) actions outlined in threatened species recovery programs; (b) actions that contribute to threat abatement programs; (c) biodiversity research and survey programs; and/or (d) rehabilitating degraded habitat.	Not Triggered		There have been no request made by the Planning Secretary within the audit period	
Performance Measures - Built Features					
C5	The Applicant must ensure that the development meets the performance measures in Table 8.	Compliant	1. Six Monthly Subsidence Impact Reports 2. Extraction Plans 3. Built Features Management Plans	Heritage management plans are implemented to monitor subsidence impacts on historical and Aboriginal heritage items. Section 3.4.2 identify the design parameters for first working=s are below the criteria for a high risk activity. Tables 3.10 and 3.11 identify the predicted subsidence. Section 3.5 outlines performance measures and indicators and Section 6 outlies the management strategies. Section 5 outlines the subsidence monitoring program Monthly subsidence reports provide an assessment of subsidence that has occurred and the impacts' exceedances identified in the 6 monthly subsidence reports.	
C6	Any dispute between the Applicant and the owner of any built feature over the interpretation, application or implementation of the performance measures in Table 8 is to be settled by the Planning Secretary, following consultation with the Resources Regulator. Any decision by the Planning Secretary shall be final.	Compliant	1. Subsidence claims 2. Extraction Plans 3. Built Features Management Plans 4. Audit interviews	Built features management plans are developed to support the extraction plans and include management strategies controls and monitoring program s to be implemented to manage potential subsidence impacts on built features. Subsidence claims are managed in accordance with the SA NSW direction. Examples of claims (approved and denied) were provided for review.	
	First workings				
C7	The Applicant may carry out first workings within the area of the approved mine plan, other than in accordance with an approved Extraction Plan, provided that the Resources Regulator is satisfied that the first workings are designed to remain stable and non-subsiding in the long term, and do not generate more than 20 mm of vertical subsidence, except insofar as they may be impacted by approved second workings. *Note: The intent of this condition is to ensure that first workings are built to geotechnical/ and engineering standards sufficient to ensure long term stability, with negligible direct subsidence impacts.*	Compliant	1. Extraction Plan South Domain - Longwall South 1A - South 6A Rev3 (TAH-HSEC-00360, 18/01/2023))	Section 3.4 includes aa statement that first workings for LW S1A are included under the Tahmoor North Lease for which DA1975 applied - no requirements for fist workings notification. Notification for first working under the Tahmoor South DC - submitted to the Resource Regulator that works were expected to commence around October Appendix C).	
	Extraction Plan				
	The Applicant must prepare an Extraction Plan for all second workings on the site of the development to the satisfaction of the Planning Secretary. Each Extraction Plan must: (a) be prepared by a suitably qualified and experienced person/s whose appointment has been endorsed by the Planning Secretary; (b) be prepared in consultation with the Resources. Regulator, OPIE Water and SANSW; (c) include detailed plans of existing and proposed first and second workings and overlying surface features, including any applicable adaptive management measures; (d) include adequate consideration of mine roof and floor conditions which has been undertaken in consultation with the Resources Regulator; (e) provide revised predictions of the potential subsidence effects, subsidence impacts and environmental consequences of the proposed mining covered by the Extraction Plan, incorporating any relevant information obtained since this consent; (f) describe in detail the performance indicators to, be implemented to ensure compliance with the performance measures in Table 7 and Table 8, and manage or remediate any impacts and/or environmental consequences to meet the rehabilitation objectives in condition 856; (g) include a:	Compliant	1. Extraction Plans	The Auditee confirmed that consultation with the Resources Regulator occurs. Extraction plans are developed prior to undertaking works, details of consultation are included as an appendix. The extraction plans are prepared by suitably qualified person as endorsed by the Planning Secretary (letter of endorsement of team included in Appendix C). Details of consultation with relevant parties is outlined in section 2, Table 3 and Appendix C.	

(i) **Subsidence Monitoring Plan** which has been prepared in consultation with the Resources Regulator to: • describe the ongoing conventional and non-conventional subsidence monitoring program; • provide data to assist with the management of risks associated with conventional and nonconventional subsidence; • validate the conventional and non-conventional subsidence predictions; • analyse the relationship between the predicted and resulting conventional and non-conventional subsidence effects and predicted and resulting impacts under the plan and any ensuing environmental consequences; and • inform the adaptive management process;	Compliant	1. Extraction Plan - Tahmoor South Domain - Longwalls South 1A - South 6A Rev 3.0 (TAH-HSEC-00360, 18/01/2023)	Details of consultation with relevant parties is outlined in section 2, Table 3 and Appendix C. Subsidence predictions are outlined in Section 3.4., with the justification statement included in section 3.3.7.3 Adaptative management strategies are outlined in Section 3.6 Monitoring plan is outlined in Section 5. and individual management plans are developed and available on the sites website.	
ii) **Built Features Management Plan** which has been prepared in consultation with the Resources Regulator, to manage the potential subsidence impacts of the proposed underground workings on built features, and which: • has also been prepared in consultation with: the owners of potentially affected features; - the Technical Committee required under condition C14; - the EPA in relation to the Bargo<> Waste Management Centre; and - the NSW Department regulating the Pipelines Act 1967 in relation to the licensed gas pipelines; • addresses in appropriate detail all items of key public infrastructure (with particular consideration of public roads and rail lines, including any associates bridges and culverts, gas pipelines and waste facilities), other public infrastructure and all classes of other built features; • recommends appropriate pre-mining1 mitigation measures to reduce subsidence impacts; • recommends appropriate remedial measures and includes commitments to mitigate, repair, replace or compensate predicted im1Pacts on potentially affected built features in a timely manner; and • in the case of all key public infrastructure, and other public infrastructure except roads, trails and associated structures, reports external auditing for compliance with ISO 31000 (or an alternative standard agreed with the infrastructure owner), and provides for annual auditing of compliance and effectiveness during extraction which may impact the infrastructure;	Compliant	1. Built Features Management Plan - Tahmoor South Domain - Longwalls South 1A - South 6A Rev 3.0 (TAH-HSEC-00366, 19/01/2023)	The management plan has been developed in consultation with relevant stakeholders - details are outlined in Section 2.4 and Table 7. Identification of subsidence hazards are outlined din Section 3.1.Risk controls for built features are discussed in Section 4 and include rail, road, infrastructure, communications, heritage site, industry and commercial business, schools and the wildlife sanctuary. pre mining mitigation measures are outlined in Section 6.2 Remedial measures to reduce subsidence impacts are outlined in Section 6.3	

C8	(iii) **Water Management Plan** which has been prepared in consultation with OPIE Water and BCS and is consistent with the Water Management Plan required under condition 834, which provides for the management of potential impacts and environmental consequences of the proposed underground workings on watercourses and aquifers, including: • detailed baseline data on: - surface water flows, quality and geomorphic conditions of watercourses and/or water bodies that could be affected by subsidence; and - groundwater levels, yield and quality in the region, including for privately-owned licensed bores; • detailed surface and groundwater impact assessment criteria, including specific trigger levels for: - investigating any potentially adverse impacts on water resources or water quality; - active remediation of geomorphic and erosional impacts (including supporting justification for the selected triggers); and - providing compensatory water supply to affected water users under condition 826 of this Schedule; • a surface water monitoring program to monitor and report on: - stream flows and quality; - stream and riparian vegetation;, - channel and bank stability; and - the effectiveness of remediation measures in controlling geomorphic and erosional impacts; • a groundwater monitoring program 11::i monitor and report on: - groundwater inflows to the underground mining operations; - the height of groundwater depressurisation; - height of fracturing above indicative longwall panels following mining; - background changes in gro1Jndwater yield/quality against mine-induced changes, in particular, on privately-owned groundwater bores in the vicinity of the site; - permeability, hydraulic gradient, flow direction and connectivity of the deep and shallow groundwater aquifers; and - impacts of the development on GDEs (including Thirlmere Lakes); • a description of any adaptive management practices implemented to guide future mining activities in the event of greater than predicted impacts on aquatic habitat; • a program to validate the surface water and groundwater models for the development, and compare monitoring results with modelled predictions; and • a plan to respond to any exceedances of the surface water and groundwater assessment criteria, including a Watercourse Corrective Action Management Plan as detailed in Condition C12.	Compliant	1. Water Management Plan - Tahmoor South Domain - Longwalls South 1A - South 6A Rev 3.0 (TAH-HSEC-00361, 19/01/2023)	Consultation with relevant stakeholders during the preparation of the plan occurred as outlined in Section 2.4, Table 8 and Appendix A. - Baseline data for surface water and groundwater is outlined in Section 3: - Section 3.3.2 for baseline water quality results for Bargo River, Teatree Hollow and Hornes Creek) - Section 3.7.2 outlines historical groundwater flow and Section 3.74 outlines the baseline groundwater quality Predicted subsidence impacts and environmental consequences is outlined in Section 4, including subsidence predictions, potential impacts, water quality and flow regime, groundwater inflows/outflows, and potential impacts, gas emissions, aquatic biodiversity and ESC. Monitoring program is outlined in section 5 with the strategies n Section 6. Flood management is included in Section 4.2.1.3 Adaptive management is addressed in Section 6.5, and the contingency plan outlined in Section 6.5 Update in the Annual Review	
	(iv) **Biodiversity Management Pla**n which is consistent with the Biodiversity Management Plan required under condition 838: • has been prepared in consultation with BCS; • establishes baseline data for existing habitat within the subsidence area, including water table depth, vegetation condition, stream morphology, key fish habitat and threatened species habitat; and • provides for the adaptive management of potential impacts and environmental consequences of the proposed second workings on aquatic and terrestrial flora and fauna, with a specific focus on threatened species, populations .and their habitats, EECs/CEECs and water dependent ecosystems;				
	(v) **Land Management Plan** which: • has been prepared in consultation with any affected public authorities; • provides for the management of p1:>potential impacts and/or environmental consequences of the proposed underground workings on land in general, with a specific focus on steep slopes; and • is informed by a detailed slope stability assessment prepared by a suitably qualified and experienced person/s;		1. Biodiversity Management Plan - Tahmoor South Domain - Longwalls South 1A - South 6A Rev 3.0 (TAH-HSEC-00363, 18/01/2023) 2. Plan - Tahmoor South Domain - Longwalls		

	(vi) **Heritage Management Plan** which is consistent with the requirements of conditions B42 to B47: • has been prepared in consultation with Heritage NSW, Council and relevant stakeholders for both Aboriginal heritage and non-Aboriginal heritage items; • includes a pre-mining assessment of the condition and structure of local and State significant heritage items within the subsidence, area; • describes the measures to be implemented to: - protect, monitor and manage potential environmental consequences of the proposed second workings on identified Aboriginal objects and Aboriginal places and local and State significant heritage items, in accordance with the commitments made in the EIS; - manage the discovery of suspected human remains and any new Aboriginal objects or Aboriginal places, including provisions for burials, over the life of the development; - ensure compliance with the requirements under conditions B41 to B46 inclusive and the subsidence impact performance measures in Table 7; and - facilitate ongoing consultation and involvement of Registered Aboriginal Parties in the conservation and management of Aboriginal cultural heritage sites within the subsidence area;	Compliant	South 1A - South 6A Rev 3.0 (TAH-HSEC-00362, 18/01/2023) 3. Heritage Management Plan - Tahmoor South Domain - Longwalls South 1A - South 6A Rev 3.0 (TAH-HSEC-00364, 18/01/2023 4. Public Safety Management Plan - Tahmoor South Domain - Longwalls South 1A - South 6A Rev 3.0 (TAH-HSEC-00365, 18/01/2023	These plans have all been prepared in consultation with relevant stakeholders. Details of consultation undertaken is included in each plan.	
	(vii) **Public Safety Management Plan** which has been prepared in consultation with the Resources Regulator, which ensures public safety and manages access on the site;				
	(viii) **Trigger Action Response Plan/s** addressing all features in Table 7 and Table 8, which contain: • appropriate triggers to warn of increased risk of exceedance of any performance measure; • specific actions to respond to high risk of exceedance of any performance measure to ensure that the measure is not exceeded; • an assessment of remediation measures that may be required if exceedances occur and the capacity to implement the measures; and • adaptive management where monitoring indicates that there has been an exceedance of any performance measures in Table 7 and/or Table 8, or where any such exceedance appears likely; and	Compliant	1. Extraction Plan - Main Document Tahmoor South Domain - Longwalls South 1A - South 6A Rev 3.0 (TAH-HSEC-00360, 18/01/20231)	Trigger Action Response Plans (TARPs) are developed for each relevant management plan prepared to support the extraction plans. A master TARP consolidating all aspects from the management plans is provided in Appendix B. The TARPs have been developed using the performance indicators for subsidence impacts relevant to each management plan and outline the level of risk for each performance measure. Adaptive management processes and contingency ,management through the use of TARPS are outlined in section 3.6 All works are undertaken in accordance with the approved extraction plans	
	Contingency Plan that expressly provides for: • adaptive management where monitoring indicates that there has been an exceedance of any performance measure in Table 7 and/or Table 8, or where any such exceedance appears likely; • an assessment of remediation measures that may be required if exceedances occur and the capacity to implement those measures;				
	(h) propose appropriate revisions to the Rehabilitation Management Plan required under condition B60; and (i) include a program to collect sufficient baseline data for future Extraction Plans.				
C9	The Applicant must not undertake second workings until the relevant Extraction Plan is approved by the Planning Secretary.	Compliant	1. Letter - Tahmoor South Longwalls South 1A to South 6A Extraction Plan Approval (DPE)	Letter from the Department approving the extraction plan published on the website (note the letter has not date).	
C10	The Applicant must implement the Extraction Plan as approved by the Planning Secretary.	Compliant	1. Audit interviews	Extraction plans are implemented as approved.	
Payment of Reasonable Cost					
C11	The Applicant must pay all reasonable costs incurred by the Department to engage a suitably qualified, experienced and independent person/s to review the adequacy of any aspect of an Extraction Plan.	Not Triggered	1. Audit interviews	No request from the Department made during the audit period..	
Watercourse Corrective Action Management Plan(s)					

C12	The Applicant must prepare a Watercourse Corrective Action Management Plan(s) for watercourses damaged by subsidence impacts associated by the development, to the satisfaction of the Planning Secretary. This plan(s) must: (a) be prepared by a suitably qualified and experienced person/s whose appointment has been endorsed by the Planning Secretary; (b) be prepared in consultation with the Resources. Regulator, OPIE Water, BCS and Council; (c) be submitted to the Planning Secretary for approval prior to undertaking any watercourse remediation works; (d) describe the: - nature of the watercourse impact to be remediated; - outcomes of investigations, including watercourse and pool mapping, hydrology and geomorphology assessment and ground/strata characteris,:1tion; - remediation options analysis; - proposed remediation strategy, including rehabilitation objectives and completion criteria, required to meet the rehabilitation objectives in Table ,8; - remediation methods, site access, materials, equipment and environmental controls; - timeframes for watercourse remediation;	Compliant	1. Erosion and Sediment Control Plan Redbank Creek CMAP July 2019 Rev 1 2. Erosion and Sediment Control Plan Myrtle Creek CMAP July 2019 Rev 1 3. CMAP Newsletters	Corrective Management Action Plans have been developed for Myrtle Creek and Redbank Creek in accordance with the requirements of this condition. Rehabilitation newsletters for each of these are also available on the sites website.: Stage 1 and 2 Rehabilitation for Myrtle Creek was completed in 2020. Pool 37 and 36 (Redbank Creek) remediation works are currently in progress (at the time of this audit).	
C13	The Applicant must implement any Watercourse Corrective Action Management Plan(s) approved by the Planning Secretary.	Compliant	1. Erosion and Sediment Control Plan Redbank Creek CMAP July 2019 Rev 1 2. Erosion and Sediment Control Plan Myrtle Creek CMAP July 2019 Rev 1 3. CMAP Newsletters	The CMAPs have been developed in consultation' wit the relevant Departments	
Technical Committee for the Bargo Waste Management Centre					
C14	Prior to commencing second workings, the Applicant must establish a Technical Committee for the Bargo Waste Management Centre, comprising engineering and geotechnical specialists and a representative of Council, whose appointment has been endorsed by the Planning Secretary; the Applicant and Council. The Technical Committee must continue to operate during the life of the development, or other timeframe agreed by the Planning Secretary. The role of the Technical Committee is to: (a) provide input into the preparation and implementation of the Built Features Management Plan; (b) consult with relevant statutory agencies, including the EPA and SA NSW; (c) identify all potential mechanisms for impacts of the development on the Bargo Waste Management Centre, including from non-conventional subsidence; (d) undertake a risk assessment to identify the levied of subsidence induced risks; (e) recommend appropriate pre-mining mitigation measures required to reduce subsidence impacts; (f) recommend appropriate remedial measures and measures to investigate, mitigate, repair, replace or compensate predicted impacts and associated cost sharing responsibilities; and (g) recommend monitoring programs, trigger action response plan(s) and communication plans, to ensure the development meets the performance measures in Table 8. *Note:* *• Technical Committees may also be established for other public infrastructure assets listed in Table 10.*	Compliant	1. Audit interviews	The Auditee confirmed that the initial starting meeting occurred in October 2021, with the next meeting due in April 2023. This meeting will occur on an annual basis.	
Subsidence Acquisition Results					
C15	The Applicant must offer acquisition rights to any landowner on privately owned land where a residence is subject to: (a) subsidence damage category R4 or R5; and/or (b) continuous cracking in bricks >5 mm in width 1m one or more locations in the total external facade; and/or (c) slippage along the damp proof course of >5mrn anywhere in the total external facade; and/or (d) tilt of greater than 10 mm/m; and/or (e) subsidence damage category R3 or more and has/will be impacted by more than one longwall, as a result of the development. *Notes:* *• Subsidence damage categories referred to in this condition are defined in Appendix 6.*	Not triggered	1. Audit interviews	The Auditee confirmed ta there were no acquisitions during the audit period	

C16	Property acquisition required under this condition is to occur under the compensation provisions of the *Coal Mine Subsidence Compensation Act 2017.*	Not triggered	1. Audit interviews	The Auditee confirmed ta there were no acquisitions during the audit period	
Part D ADDITIONAL PROCEDURES					
Acquisition Upon Request					
D1	Upon receiving a written request for acquisition from the owner of the privately-owned land listed in Table 9, the Applicant must acquire the land in accordance with the procedures in conditions D11 to D18, inclusive.	Not triggered	1. Audit interviews	The Auditee confirmed ta there were no acquisitions during the audit period	
Mitigation Upon Request					
D2	Upon receiving a written request for mitigation from: (a) the owner of any residence on the privately-owned land listed in Table 10 (unless the landowner has requested acquisition); or (b) a landowner listed in Table 10; or (c) the owner of any residence where subsequent noise monitoring shows the noise generated by the development is equal to or greater than the relevant mitigation criteria (except where a negotiated noise agreement is in place); the Applicant must implement additional mitigation measures at or in the vicinity of the residence in consultation with the landowner. These measures must be consistent with the measures outlined in the Voluntary Land Acquisition and Mitigation Policy for State Significant Mining,, Petroleum and Extractive Industry Development (NSW Government, 2018). They must also be reasonable and feasible, proportionate to the level of predicted impact and directed towards reducing the noise impacts of the development. The Applicant must also be responsible for the reasonable costs of ongoing maintenance of these additional mitigation measures until the cessation of mining operations.	Not triggered	1. Audit interviews	The Auditee confirmed tat there have been no requests for mitigation for noise	
D3	If within 3 months of receiving this request from the owner, the Applicant and the owner cannot agree on the measures to be implemented, or there is a dispute about the implementation of these measures, then either party may refer the matter to the Planning Secretary for resolution.	Not triggered	1. Audit interviews	The Auditee confirmed tat there have been no requests for mitigation for noise	
Notification of Landowners/Tenants					
D4	Within one month of the date of this consent, the Applicant cant must: (a) notify in writing the owner of: (i) the residences on the land listed in Table 10 that they are entitled to ask the Applicant to install additional mitigation measures at the residence; and (b) notify the tenants of any mine-owned land of their rights under this consent.	Not triggered	1. Audit interviews	Letters and emails to landowners occurred outside of this audit period	
D5	Prior to entering into any tenancy agreement for any land owned by the Applicant that is predicted to experience exceedances of the recommended noise criteria, the Applicant must advise the prospective tenants of the rights they would have under this consent, to the satisfaction of the Planning Secretary.	Not triggered	1. Audit interviews	The Auditee confirmed that there have been no new agreements within the audit period	
Notification of Exceedances					
D6	As soon as practicable and no longer than 7 days after obtaining monitoring results showing an exceedance of any noise or air quality criterion in PART B of this consent, the Applicant must provide the details of the exceedance to any affected landowners, tenants and the CCC.	Compliant	1. Annual Review and Annual Environmental Management Report 2020, 2021 , 2022)	No exceedance of noise within the audit period. Results re reported in the annual reports	
D7	For any exceedance of any air quality criterion in PAIRT B of this consent, the Applicant must also provide to any affected land owners and tenants a copy of the fact sheet entitled "*Mine Dust and You* " (NSW Health, 2017).	Compliant	1. Annual Review and Annual Environmental Management Report 2020, 2021 , 2022) Air Quality Mentoring data	No exceedance of air quality within the audit period. Results re reported in the annual reports	
Independent Review					
D8	If a landowner considers the development to be exceeding any relevant air quality or noise criterion in Part B of this consent, they may ask the Planning Secretary in writing for an independent review of the impacts of the development on their residence or land.	Not Triggered		The Auditee confirmed the there have been no requests for independent review within the audit period	
D9	If the Planning Secretary is not satisfied that an independent review is warranted, the Planning Secretary will notify the landowner in writing of that decision, and the reasons for that decision, within 21 days of the request for a review.	Not Triggered		The Auditee confirmed the there have been no requests for independent review within the audit period	

D10	If the Planning Secretary is satisfied that an independent review is warranted, within 3 months, or other timeframe agreed by the Planning Secretary and the landowner, of the Planning Secretary's decision, the Applicant must: (a) commission a suitably qualified, experienced and independent person, whose appointment has been approved by the Planning Secretary, to: (i) consult with the landowner to determine their concerns; (ii) conduct monitoring to determine whether the development is complying with the relevant criteria in PART B or PART C; and (iii) if the development is not complying with the relevant criterion, identify measures that could be implemented to ensure compliance with the relevant criterion; and (b) give the Planning Secretary and landowner a copy of the independent review; and (c) comply with any written requests made by the Planning Secretary to implement any findings of the review.	Not Triggered		The Auditee confirmed the there have been no requests for independent review within the audit period	
Land Acquisition					
D11	Within 3 months of receiving a written request for acquisition from a landowner with acquisition rights, the Applicant must make a binding written offer to the landowner based on: (a) the current market value of the landowner's interest in the land at the date of this written request, as if the land was unaffected by the development, having regard to the: (i) existing and permissible use of the land, in accordance with the applicable planning instruments at the date of the written request; and (ii) presence of improvements on the land and/or any approved building or structure which has been physically commenced at the date of the landowner's written request, and is due to be completed subsequent to that date, but excluding any improvements that have resulted from the implementation of the additional noise mitigation measures in condition D2; (b) the reasonable costs associated with: (i) relocating within the Wollondilly local government area, or to any other local government area determined by the Planning Secretary; and (ii) obtaining independent legal advice and ,expert advice for determining the acquisition price of the land, and the terms upon which it is to be acquired; and (c) reasonable compensation for any disturbance caused by the land acquisition process.	Not Triggered		The Auditee confirmed the there have been no requests for acquisition within the audit period	
D12	If, within two months of the binding written offer being made under condition D11, the Applicant and landowner cannot agree on the acquisition price of the land and/or the terms upon which the land is to be acquired, then either party may refer the matter to the Planning Secretary for resolution.	Not Triggered		The Auditee confirmed the there have been no requests for acquisition within the audit period	
D13	Upon receiving such a request, the Planning Secretary will request the President of the NSW Division of the Australian Property Institute to appoint a qualified independent valuer to: (a) consider submissions from both parties; (b) determine a fair and reasonable acquisition price for the land and/or the terms upon which the land is to be acquired, having regard to the matters referred to in condition D11; (c) prepare a detailed report setting out the reasons for any determination; and (d) provide a copy of the report to both parties.	Not Triggered		The Auditee confirmed the there have been no requests for acquisition within the audit period	
D14	Within 14 days of receiving the independent valuer's report, the Applicant must make a binding written offer to the landowner to purchase the land at a price not less than the independent valuer's determination.	Not Triggered		The Auditee confirmed the there have been no requests for acquisition within the audit period	
D15	However, if either party disputes the independent valuer's determination, then within 14 days of receiving the independent valuer's report, either party may refer the matter to the Planning Secretary for review. Any request for a review must be accompanied by a detailed report setting out the reasons why the party disputes the independent valuer's determination. Following consultation with the, independent valuer and both parties, the Planning Secretary will determine a fair and reasonable acquisition price for the land, having regard to the matters referred to in condition D11, the independent valuer's report, the detailed report of the party that disputes the independent valuer's determination and any other relevant submissions.	Not Triggered		The Auditee confirmed the there have been no requests for acquisition within the audit period	

D16	Within 14 days of this determination, the Applicant must make a binding written offer to the landowner to purchase the land at a price not less than the Planning Secretary's determination.	Not Triggered		The Auditee confirmed the there have been no requests for acquisition within the audit period	
D17	If the landowner refuses to accept the Applicant's binding written offer under this condition within 6 months of the offer being made, then the Applicant's obligations to acquire the land shall cease, unless the Planning Secretary determines otherwise.	Not Triggered		The Auditee confirmed the there have been no requests for acquisition within the audit period	
D18	The Applicant must pay all reasonable costs associated with the land acquisition process described in conditions D11 to D17 inclusive, including the costs associated with obtaining Council approval for any plan of subdivision (where permissible), and registration of this plan at the! Office of the Registrar-General.	Not Triggered		The Auditee confirmed the there have been no requests for acquisition within the audit period	
Part 4 ENVIRONMENTAL MANAGEMENT, REPORTING AND AUDITING					
Environmental Management					
Environmental Management Strategy					
E1	The Applicant must prepare an Environmental Management Strategy for the development to the satisfaction of the Planning Secretary. This strategy must: (a) provide the strategic framework for environmental management of the development; (b) identify the statutory approvals that apply to the development; (c) set out the role, responsibility, authority and accountability of all key personnel involved in the environmental management of the development; (d) set out the procedures to be implemented to: (i) keep the local community and relevant agencies informed about the operation and environmental performance of the development; (ii) receive record, handle and respond to Complaints; (iii) resolve any disputes that may arise during the course of the development; (iv) respond to any non-compliance and any incident; (v) respond to emergencies; and (e) be consistent with and incorporate: (i) references to all relevant strategies, plans and programs approved under the conditions of this consent; and (ii) a clear plan depicting all the monitoring to be carried out under the conditions of this consent.	Compliant	1. Tahmoor South - Environmental Management Strategy Rev 3.0 (TAH-HSEC-00375, 19/10/2022)	The EMS is published on the sites website and addresses the requirements of this condition: (a)EMS provides the strategic framework for the environmental management of the Tahmoor Mine (b) Section 2.1: Statutory Requirements and Legislation (c)Section 3.2: Roles and Responsibilities (d) Procedures Implemented Section 3.4: External Stakeholder Communication Section 3.5: Complaints and Disputes Section 3.6: Incidents, Non-compliance and Exceedances Section 3.9: Emergency Response (e) The EMS includes: - strategies, ,management plans , extraction plans procedures, forms TARPS are identified in Table 4 and Appendix A - a 24 hour Complaints hotline and other forms of contact are advertised on the sites website,	
E2	The Applicant must not commence construction until the Environmental Management Strategy is approved by the Planning Secretary.	Compliant	1. Tahmoor South - Environmental Management Strategy Rev 3.0 (TAH-HSEC-00375, 19/10/2022)	Environmental Management Strategy has been approved by the	
E3	The Applicant must implement the Environmental Management Strategy as approved by the Planning Secretary.	Compliant	1. Tahmoor South - Environmental Management Strategy Rev 3.0 (TAH-HSEC-00375, 19/10/2022) 2. Audit interviews	Environmental Management Strategy has been implemented	
Adaptive Management					
E4	The Applicant must assess and manage development-related risks to ensure that there are no exceedances of the criteria and performance measures in this consent. Any exceedance of these criteria or performance measures constitutes a breach of this consent and may be subject to offset or other provisions as specified in this consent and/or penalty or offence provisions under the EP&A Act or EP&A Regulation. Where any exceedance of these criteria or performance measures has occurred, the Applicant must, at the earliest opportunity: (a) take all reasonable and feasible steps to ensure that the exceedance ceases and does not recur; (b) consider all reasonable and feasible options for remediation (where relevant} and submit a report to the Department describing those options and any preferred remediation measures or other course of action; (c) within 14 days of the exceedance occurring (or other timeframe agreed by the Planning Secretary, submit a report to the Planning Secretary describing these remediation options and any preferred remediation measures or other course of action; and (d) implement reasonable remediation measures as directed by the Planning Secretary.	Compliant	1. Management Plans	Each management plan includes as section regarding adaptive management.	

Management Plan Requirements					
E5	Management plans required under this consent must be prepared in accordance with relevant guidelines, and include: (a) a summary of relevant background or baseline data; (b) 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; (c) any relevant commitments or recommendation, identified in the document/s listed in condition A2(c); (d) a description of the measures to be implemented to comply with the relevant statutory requirements, limits, or performance measures and criteria; (e) a program to monitor and report on the: (i) impacts and environmental performance of the development; and (ii) effectiveness of the management measures set out pursuant to condition E5(d); (f) 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; (g) a program to investigate and implement ways to improve the environmental performance of the development over time; (h) a protocol for managing and reporting any: (i) incident, non-compliance or exceedance of any impact assessment criterion or performance criterion; (ii) Compliant; or (iii) failure to comply with other statutory requirements; (I) public sources of information and data to assist stakeholders in understanding environmental impacts of the development; and G) a protocol for periodic review of the plan. Note: The Planning Secretary may waive some of these requirements if they are unnecessary or unwarranted for particular management plans.	Compliant	1. Management plans	Each management plan is approved by the Department prior to their implementation. Each plan includes a table identifying the requirements of the relevant approval/permit and where in the plan it is addressed.	
E6	The Applicant must ensure that management plans prepared for the development are consistent with the conditions of this consent and any EPL issued for the site.	Compliant		The management plans prepared have been approved as being compliant with the relevant conditions of this consent and the EPL	
Revision of Strategies, Plans and Programs					
E7	Within three months of: (a) the submission of an incident report under condition ES; (b) the submission of an Annual Review under condition E13; (c) the submission of an Independent Environmen1tal Audit under condition E15; (d) the approval of any modification of the conditions of this consent (unless the conditions require otherwise); or (e) notification of a change in development phase under condition A1S; The suitability of existing strategies, plans and programs required under this consent must be reviewed by the Applicant.	Compliant	1. Audit interviews 2. Management Plans	Updates to any management plan is reflected in the Change information section at the end of the plan. He table outlines the document history including version number, date reviewed, reviewer and change summary,	
E8	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. *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.*	Compliant	1. Audit interviews 2. Management Plans	A review of the management plans confirms a revision date of October 2022. The Change information section in each plan also identifies what changes have ben mad e and why,	

Reporting and Auditing					
Incident Notification					
E9	The Planning Secretary must be notified in writing via the Major Projects website 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 8.	Not Triggered	1. Audit interviews	No incidents requiring notification occurred within the audit period.	
Non-Compliance Notification					
E10	The Planning Secretary must be notified in writing via the Major Projects website within seven days after the Applicant becomes aware of any non-compliance.	Not Triggered	1. Audit interviews	No incidents requiring notification occurred within the audit period.	
E11	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.	Not Triggered	1. Audit interviews	No incidents requiring notification occurred within the audit period.	
E12	A non-compliance which has been notified as an incident does not need to also be notified as a non-compliance.	Not Triggered	1. Audit interviews	No incidents requiring notification occurred within the audit period.	
Annual Review					
E13	By the end of March in each year after the commencement of the development, or other timeframe agreed by the Planning Secretary, a report must be submitted to the Department reviewing the environmental performance of the development, to the satisfaction of the Planning Secretary. This review must: (a) describe the development (including any rehabilitation) that was carried out in the previous calendar year, and the development that is proposed to be carried out over the current calendar year; (b) include a comprehensive review of the monitoring results and Complaints records of the development over the previous calendar year, including a comparison of these results against the: (i) relevant statutory requirements, limits or performance measures/criteria; (ii) requirements of any plan or program required under this consent; (iii) monitoring results of previous years; and (iv) relevant predictions in the EIS. (c) identify any non-compliance or incident which occurred in the previous calendar year, and describe what actions were (or are being) taken to rectify the non-compliance and avoid reoccurrence; (d) evaluate and report on: (i) the effectiveness of the noise and air quality management systems; and (ii) compliance with the performance measures, criteria and operating conditions of this consent; (e) identify any trends in the monitoring data over the life of the development and provide any raw monitoring data as requested by the Planning Secretary; (f) identify any discrepancies between the predicted and actual impacts of the development, and analyse the potential cause of any significant discrepancies.; and (g) describe what measures will be implemented over the next calendar year to improve the environmental performance of the development.	Compliant	1. Annual Review and Annual Environmental Management Report 2020, 2021, 2022) 2. Audit interviews	The annual reports demonstrate compliance with the requirements of this condition: Rehabilitation: - performance, emplacement areas, actions for the next reporting period, mine closure - post mining land use and rehabilitation indicators. Monitoring: - monitoring results (annually and previous years) are reported in table / graph format, description of the results, statutory requirements and performance criteria/limits Non-conformances: - details of non conformances, actions and status are outlined - identify trends by including previous years data as a comparison, outline actions/measures to be implemented over the next reporting period for improvement. Statement of Compliance: - Statements of compliance are included in the annual report for all consents, licences and permits, Annual reviews are submitted as per the requirement of this condition - evidence sighted during the audit interviews. Annual reports are published on the sites website	
E14	Copies of the Annual Review must be submitted to Council and relevant agencies, and made available to the CCC and any interested person upon request.	Compliant	1. Annual Review and Annual Environmental Management Report 2020, 2021, 2022) 2. Audit interviews	Annual reviews are published on he sites website and are available to the CCC and Council	
Independent Environmental Audit					

E15	Independent Audits of the development must be conducted and carried out in accordance with the *Independent Audit Post Approval Requirements (2020)* .	Compliant	1. Tahmoor South Independent Audit 2022 SSD 8445 MOD 1(Integrated Environmental Management Australia, September 2022). 2. Letter - Submission of Independent Environmental Audit Report - DA67-98 (SIMEC, 13/01/2020) 3. Letter - Submission of Independent Environmental Audit Report - SSD8445 (SIMEC, 07/10/2022)	The previous audit was conducted and carried out in accordance with the Independent Audit Post Approval Requirements (2020). Evidence provided demonstrating that the audit reports were submitted to the Department within the required timeframe.	
E16	Proposed independent auditors must be agreed to in writing by the Planning Secretary prior to the commencement of an Independent Audit.	Compliant	1. Letter - Appointment of experts - Tahmoor South Coal Project (SSD8445) and Tahmoor Cal Mine (DA67/98) IEA Audit 2023 (DPE, 13/03/2023) 2. Tahmoor South Independent Audit 2022 SSD 8445 MOD 1(Integrated Environmental Management Australia, September 2022).	Approval of the audit team for this IEA by the Department was confirmed in the letter dated 13/03/2023 Approval of the audit team by the Department for the 2022 IEA was dated 11/07/2022.	
E17	The Planning Secretary may require the initial and subsequent Independent Audits to be undertaken at different times to those specified in the Compliance Reporting' Post Approval Requirements (2020), upon giving at least 4 weeks' notice (or timing) to the Applicant of the date upon which the audit must be commenced.	Not Triggered		No requests have been made by the Department to change the audit schedule	
E18	In accordance with the specific requirements in the Independent Audit Post Approval Requirements (2020), the Applicant must: (a) review and respond to each Independent Audit Report prepared under Condition CS of this consent, or Condition C6 where notice is given by the Planning Secretary; (b) submit the response to the Planning Secretary; and (c) make each Independent Audit Report, and response to it, publicly available within 60 days of submission to the Planning Secretary. unless otherwise agreed by the Planning Secretary.	Compliant	1. Annual Review and Annual Environmental Management Report 2020, 2021 , 2022)	Each annual report includes a sections outlining the independent audit comments / recommendation and the status of these.	
E19	Independent Audit Reports and the Applicant's response to audit findings must be submitted to the Planning Secretary within 2 months of undertaking the independent audit site inspection as outlined in the Independent Audit Post Approvals Requirements (2020) unless otherwise, agreed by the Planning Secretary.	Compliant	Tahmoor South Independent Audit 2022 SSD 8445 MOD 1(Integrated Environmental Management Australia, September 2022).	Letter of submission is dated 7/10/2022.	
E20	Notwithstanding the requirements of the Independent Audit Post Approvals Requirements (2020), the Planning Secretary may approve a request for ongoing independent operational audits to be ceased, where it has been demonstrated to the Planning Secretary's satisfaction that independent operational audits have demonstrated operational compliance.	Note only			
Monitoring and Environmental Audits					
E21	Any condition of this consent that requires the carrying out of monitoring or an environmental audit, whether directly or by way of a plan, strategy or program, is taken to be a condition requiring monitoring or an environmental audit under Division 9.4 of Part 9 of the EP&A Act. This includes conditions in respect of incident notification, reporting and response, non-compliance notification, compliance report and independent audit. For the purposes of the condition, as set out in the EP&A Act, "monitoring" is monitoring of the development to provide data on compliance with the consent or on the environmental impact of the development, and an "environmental audit" is a periodic or particular documented evaluation of the development to provide information on compliance with the consent or the environmental management or impact of the development.	Note only			
E22	Noise and/or air quality monitoring under this consent may be undertaken at suitable representative monitoring locations instead of at privately-owned residences or other locations listed in Part B, providing that these representative monitoring locations are set out in the respective management plants.	Note only			

Access to Information					
E23	Before the commencement of construction until the completion of all rehabilitation required under this consent, the Applicant must: (a) make the following information and documents (as they are obtained, approved or as otherwise stipulated within the conditions of this consent) publicly available on its website: (i) the EIS; (ii) all current statutory approvals for the development; (iii) all approved strategies, plans and programs required under the conditions of this consent; (iv) the proposed staging plans for the development if the construction, operation or decommissioning of the development is to be staged; (v) minutes of CCC meetings; (vi) 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; (vii) 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; (viii) a summary of the current phase and progress of the development; (ix) contact details to enquire about the dev1alopment or to make a Compliant; (x) a Complaints register, updated monthly; (xi) a register of incident and non-compliance notifications made to the Planning Secretary, updated monthly; (xii) the Annual Reviews of the development; (xiii) audit reports prepared as part of any Independent Environmental Audit of the development and the Applicant's response to the recommendations in any audit report; (xiv) annual returns made under the National Greenhouse and Energy Reporting legislation (xv) any other matter required by the Planning Secretary; and (b) keep such information up to date, to the satisfaction of the Planning Secretary.	Compliant	1. https://www.tahmoorcolliery.com.au/our-operations/	The documents listed under this condition are made available of the Sites Website	

APPENDIX F SITE INSPECTION PHOTOS



Plate 1. Licensed Discharge Point L:DP1



Plate 2. Water Treatment Dam



Plate 3. Chemical Storages Shed



Plate 4. Hazardous Waste Compound (Sealed, bunded roofed)



Plate 5. Sewage Treatment Plant



Plate 6. Enclosed Conveyor Belts



Plate 7. Rehabilitation at REA



Plate 8. Rehabilitation at REA

APPENDIX G CONSULTATION

Department of Planning and Environment

Our ref: OUT23/6913

Kirsty Douglas

kdouglas@epicenvironmental.com.au

Date 10th May 2023

Subject: **Tahmoor Coal (SSD-8445)- IEA**

Dear Kirsty

I refer to your request seeking advice from the Department of Planning and Environment – Water (the department) on an upcoming audit for the above matter. It is understood this consultation is in accordance with conditions of approval for the project.

The department understands that the scope of the audit as outlined under the development consent and the reference guideline, "*Independent Audit Post Approval Requirements* (2020)" extends to at least the following:

- Identification of compliance requirements and documentation of any non-compliances.
- Assessment of the adequacy and implementation of management plans and sub plans.
- Assessment of compliance against relevant regulatory requirements and legislation.
- Assessment of compliance between actual and predicted impacts in the environmental assessment.
- Reporting requirements for management plans.
- Identification of strengths of the project in environmental management and opportunities for improvement.

The department requests that the audit address compliance with the following specific elements of the consent conditions and related legislative requirements in a manner consistent with the above audit scope:

- The requirement to prepare and implement management plans that relate to water sources and their dependent ecosystems and users, and associated impact management and mitigation. These plans may include:
    - Water Management Plans and related sub-plans eg. Site Water Balance, Erosion and Sediment Control Plan, Stormwater Management Plan, Surface and Groundwater Management Plan.
    - Extraction Plans and related sub-plans eg. Water Management Plan, Subsidence Management Plan.
- The requirement to prepare and implement trigger action response plans for water source impacts which set clearly defined limits and actions. This is to be reported on within annual and exceedance based reporting.
- Water supply availability is clearly defined for the project.
- Water take at the site via storage, diversion, interception or extraction is clearly documented and is authorised by a relevant Water Access Licence or exemption under the Water Management (General) Regulation 2018.
- Water metering at the site is in accordance with the NSW Non-Urban Metering Framework where relevant.

- Water Access Licence/s used to account for water take by the project nominates the work where the water is being taken from.
- Annual reporting clearly documents; 1) water take, use and water source impacts, 2) compares results with previous year's, and 3) identifies exceedances and how these are managed/mitigated.

Should you have any further queries in relation to this submission please do not hesitate to contact DPE Water Assessments at water.assessments@dpie.nsw.gov.au

Yours sincerely,



Tim Baker
Senior Project Officer
Water Assessments
Department of Planning and Environment — Water
T 0428162097 | E tim.baker@dpie.nsw.gov.au

AREQ0040353

Ms Kirsty Douglas
Epic Environmental Pty Ltd
PO Box 13058
George Street
Brisbane QLD 4003

By email: kdouglas@epicenvironmental.com.au

Dear Ms Douglas,

Subject: Tahmoor Colliery – Independent Environmental Audit

Thank you for your email dated 8 May 2023 requesting consultation on the independent environmental audit to be undertaken of the Tahmoor Coal Mine and Tahmoor South Coal Project which is covered by the following mining leases.

- CCL716 (1973)
- CCL747(1973)
- ML1308 (1992)
- ML1376 (1992)
- ML1539 (1992)
- ML1642 (1992)

The independent environmental audit is required to assess compliance against the relevant environmental management conditions of the mining leases up to 1 July 2022, including implementation of the mining operations plan for the site.

From 2 July 2022, the independent environmental audit should provide an assessment of compliance with the requirements of Schedule 8A Standard conditions of mining leases, Part 2 Standard conditions, as set out in the Mining Regulation 2016. It is noted that the 6 mining leases that comprise the Tahmoor Coal operations have been approved by the Regulator to be treated as a single lease for the purposes of Part 2 of Schedule 8A.

The audit should note observations where rehabilitation procedures, practices and outcomes represent best industry practice. It would be appreciated if a copy of the final audit report could be sent to the Regulator at nswresourcesregulator@service-now.com upon completion of the audit.

Yours sincerely

Jenny Ehmsen
Principal Compliance Auditor
15 May 2023

From: Georgia Dragicevic
To: Kirsty Douglas
Cc: Christopher Griffiths
Subject: RE: SIMEC - Tahmoor Coal (SSD8445) - IEA consultation
Date: Sunday, 7 May 2023 1:53:41 PM
Attachments: image001.jpg
image002.png
image003.png

Kirsty,

Thank you for consulting the department on the upcoming IEA for Tahmoor South Coal Project. In addition to the consent requirements, please consider subsidence related impacts and noise management.

Kind Regards,
Georgia

From: Kirsty Douglas <kdouglas@epicenvironmental.com.au>
Sent: Saturday, 6 May 2023 10:02 AM
To: Georgia Dragicevic <Georgia.Dragicevic@planning.nsw.gov.au>
Cc: Christopher Griffiths <cgriffiths@epicenvironmental.com.au>
Subject: SIMEC - Tahmoor Coal (SSD8445) - IEA consultation

Hi Georgia

As per the attached endorsement letter, myself and Chris Griffiths, of Epic Environmental Pty Ltd (the audit team) (Epic) have been endorsed by the Department of Planning and Environment (DPE) to undertake the Independent Environmental Audit (IEA, the Audit) for Tahmoor South Coal Project (SSD 8445) and Tahmoor Coal Mine (DA67/98) (the project).

This email has been prepared to request your feedback and comment for the audit team's attention to any key issues within the scope of the IEA as summarised below.

The proponent is Tahmoor Coal Pty Limited (Tahmoor Coal), and details of the Tahmoor South Coal Project are available on the Tahmoor South website and the NSW Department of Planning and Environment (DPE) Major Projects websites
below:
https://www.tahmoorsouth.com.au/

https://www.planningportal.nsw.gov.au/major-projects/projects/tahmoor-south-coal-project

In accordance with Schedule 2, Condition E16 of development consent SSD 8445 and Schedule 2, Condition 50 of development consent DA 67/98, as modified (the consents), Tahmoor Coal is required to conduct an IEA in accordance with the *Independent Audit Post Approval Requirements* (DPE, 2020) (IEA Guidelines).

In accordance with the IEA Guidelines, this IEA is required to be undertaken within 26 weeks of the commencement of operation which commenced in October 2022. The IEA will cover the audit period from October 2022 (commencement of operations) to the last day of the site inspection and audit interviews (proposed to be end of May 2023). The scope of the IEA will also

include a review of the status of actions (non-conformances, opportunities for improvement etc) identified in the 2022 audit).

The IEA will be undertaken in accordance with the Independent Audit Post Approval Requirements (DPE, 2020) and with consideration to AS/NZS ISO 19011.2014 – Guidelines for Auditing Management Systems and will include:

- An assessment of compliance of operational activities with:
    - All conditions of Tahmoor's consent applicable to the phase of the development that is being audited (Operations)
    - All post approval and compliance documents prepared to satisfy the conditions of consent, including an assessment of the implementation of Environmental Management Plans and subplans

- A review of the environmental performance of the development, including but not necessarily limited to, an assessment of:
    - Actual impacts compared to predicted impacts documented in the environmental impact assessment
    - The physical extent of the development in comparison with approved boundary
    - Incidents, non-compliance and complaints that occurred or were made during the audit period
    - The performance of the development having regard to agency policy and any particular environmental issues identified through consultation carried out when developing the scope of the audit
    - Feedback received from the Department, and other agencies and stakeholders, including the Community Consultative Committee, on the environmental performance of the project during the audit period

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

If you would like to discuss the site or the scope of the IEA, please do not hesitate to contact me on 0410 410 373 or email kdouglas@eicenvironmental.com.au

Please provide feedback by to me by COB on the 19 May 2023.

Kind Regards

Kirsty Douglas
Associate Environmental Consultant

Phone: 1800 779 363
Mobile: 0410 410 373
Email: kdouglas@epicenvironmental.com.au

L17, 95 North Quay, Brisbane, QLD, 4000

From: Michael Muston
To: Kirsty Douglas
Subject: Re: SIMEC - Tahmoor Coal (SSD8445) - IEA consultation
Date: Thursday, 11 May 2023 9:18:32 AM
Attachments: Q1 2023 TCCCC Minutes - 20230302.pdf
Q1 2023 TCCCC Minutes - 20230302.pdf

Hi Kirsty

I am sorry if you had problems with my email. You may have used a "g" instead of "q" in your first attempt (your letter has the incorrect email).

I do not have any issues of non compliance that I am aware of. I will circulate your letter to the other members of the Tahmoor Coal CCC to see if there are any issues of concern from them though the timing may not meet your deadline. The next meeting of the CCC is not until1 June 2023.

Meanwhile I have attached a copy of the Annual Report for 2022 and the latest minutes of the latest meeting in March which may help you in assessing any potential areas of concern to the CCC.

Let me know if you need any more information and I am happy to discuss if needed.

Regards

Michael

Michael Muston
Muston & Associates
PO Box 113
Fairy Meadow NSW 2519
Phone +61 (0)411 045 386
Email: qem@1earth.net

> On 10 May 2023, at 10:17 am, Kirsty Douglas <kdouglas@epicenvironmental.com.au> wrote:
>
> Hi Michael
>
> Chris Griffiths and I, of Epic Environmental Pty Ltd (the audit team) (Epic) have been endorsed by the Department of Planning and Environment (DPE) to undertake the Independent Environmental Audit (IEA, the Audit) for Tahmoor South Coal Project (SSD 8445) and Tahmoor Coal Mine (DA67/98) (the project).
>
> I had previously tried to send you an email with the letter of endorsement attached, however it bounced back stating it was undeliverable. To avoid this occurring again - I have set up a OneDrive that includes a letter outlining the audit we are undertaking as well as a copy of the Endorsement letter from DPE.

 Tahmoor Coal South Project IEA

If you would like to discuss the site or the scope of the IEA, please do not hesitate to contact me on 0410 410 373 or email kdouglas@eicenvironmental.com.au

Please provide feedback by to me by COB on the 19 May 2023.

Kind Regards

Kirsty Douglas
Associate Environmental Consultant

Phone: 1800 779 363
Mobile: 0410 410 373
Email: kdouglas@epicenvironmental.com.au

L17, 95 North Quay, Brisbane, QLD, 4000
PO Box 13058, George Street, Brisbane, Queensland 4003

Epic Environmental acknowledges the Australian Aboriginal and Torres Strait Islander peoples as the first inhabitants of the nation and the traditional custodians of the lands where we live, learn and work.

CONTACT US

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https://www.linkedin.com/company/epic-environmental-pty-ltd/
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enquiries@epicenvironmental.com.au