

Environmental Authority Permit - EPML00717813

Amendment application - A-EA-AMD-100557544

General Information

EA Reference: EPML00717813
EA Effective Date: 29-Jun-2023
Application Action: Amend
Application Stage: Application
Application Status: Submitted
Submitted Date: 15-Dec-2023
Application Fee: \$367.40

Applicants

BHP COAL PTY LTD

Application Contact

NAME: Stacey Gromadzki
POSITION: BMA Environmental Approvals Principal
MAIN PHONE: 0417 726 230
EMAIL: stacey.gromadzki@bhp.com
CONTACT ROLE: Application Contact
Preferred Method of Communication: Email

Site Contact

Not applicable

Amendment Details

Major

Amendment Options

Activities

Describe the Proposed Amendment

Uploaded as part of combined supporting document:

Identify the sections or pages where the relevant information is located:	Section 2.1.3 of the Blackwater Mine North Extension Project Environmental Authority Amendment Supporting
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	Information Document provides an assessment against the amendment threshold criteria.
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Describe the land that will be affected by the proposed amendment

Uploaded as part of combined supporting document:

Identify the sections or pages where the relevant information is located:	Section 1 and Section 3 of the Blackwater Mine North Extension Project Environmental Authority Amendment Supporting Information Document provides a description of the activities and its location within the existing Environmental Authority area.
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Development Permits

Are there any development permits in effect or have any development applications been made under the Planning Act 2016 to carry out the proposed amendment?	No
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Activities and Locations Details. 049576498576

Activities	Location	Comply with Eligibility Criteria	Comply with Std. Conditions	New or Existing
Ancillary 31 - Mineral processing - 2(b) - Processing, in a year, the following quantities of mineral products, other than coke - more than 100,000t	ML1759	No	No	Unmodified
Ancillary 08 - Chemical Storage - 3 - Storing more than 500 cubic metres of chemicals of class C1 or C2 combustible liquids under AS 1940 or dangerous goods class 3 under subsection (1)(c)	ML1759	No	No	Unmodified
Schedule 3 - 13 - Mining black coal	ML1759	No	No	Unmodified
Ancillary 63 - Sewage Treatment - 1(b-ii) - Operating sewage treatment works, other than no-release works, with a total daily peak design capacity of more than 100 but not more than 1500EP - otherwise	ML1759	No	No	Unmodified
Ancillary 63 - Sewage Treatment - 1(b-ii) - Operating sewage treatment works, other than no-release works, with a total	ML1760	No	No	Unmodified

daily peak design capacity of more than 100 but not more than 1500EP - otherwise				
Schedule 3 - 13 - Mining black coal	ML1760	No	No	Unmodified
Ancillary 08 - Chemical Storage - 3 - Storing more than 500 cubic metres of chemicals of class C1 or C2 combustible liquids under AS 1940 or dangerous goods class 3 under subsection (1)(c)	ML1760	No	No	Unmodified
Ancillary 31 - Mineral processing - 2(b) - Processing, in a year, the following quantities of mineral products, other than coke - more than 100,000t	ML1760	No	No	Unmodified
Ancillary 63 - Sewage Treatment - 1(b-ii) - Operating sewage treatment works, other than no-release works, with a total daily peak design capacity of more than 100 but not more than 1500EP - otherwise	ML1761	No	No	Unmodified
Ancillary 31 - Mineral processing - 2(b) - Processing, in a year, the following quantities of mineral products, other than coke - more than 100,000t	ML1761	No	No	Unmodified
Schedule 3 - 13 - Mining black coal	ML1761	No	No	Unmodified
Ancillary 08 - Chemical Storage - 3 - Storing more than 500 cubic metres of chemicals of class C1 or C2 combustible liquids under AS 1940 or dangerous goods class 3 under subsection (1)(c)	ML1761	No	No	Unmodified
Ancillary 31 - Mineral processing - 2(b) - Processing, in a year, the following quantities of mineral products, other than coke - more than 100,000t	ML1762	No	No	Unmodified
Schedule 3 - 13 - Mining black coal	ML1762	No	No	Unmodified
Ancillary 62 - Resource recovery and transfer facility operation - 1(c) - Operating a facility for receiving and sorting, dismantling, baling or temporarily storing category 2 regulated waste	ML1762	No	No	Unmodified
Ancillary 63 - Sewage Treatment - 1(b-ii) - Operating sewage treatment works, other than no-release works, with a total daily peak design capacity of more than 100 but not more than 1500EP - otherwise	ML1762	No	No	Unmodified
Ancillary 08 - Chemical Storage - 3 - Storing more than 500 cubic metres of chemicals of class C1 or C2 combustible	ML1762	No	No	Unmodified

liquids under AS 1940 or dangerous goods class 3 under subsection (1)(c)				
Ancillary 08 - Chemical Storage - 3 - Storing more than 500 cubic metres of chemicals of class C1 or C2 combustible liquids under AS 1940 or dangerous goods class 3 under subsection (1)(c)	ML1767	No	No	Unmodified
Ancillary 31 - Mineral processing - 2(b) - Processing, in a year, the following quantities of mineral products, other than coke - more than 100,000t	ML1767	No	No	Unmodified
Schedule 3 - 13 - Mining black coal	ML1767	No	No	Unmodified
Ancillary 63 - Sewage Treatment - 1(b-ii) - Operating sewage treatment works, other than no-release works, with a total daily peak design capacity of more than 100 but not more than 1500EP - otherwise	ML1767	No	No	Unmodified
Ancillary 08 - Chemical Storage - 3 - Storing more than 500 cubic metres of chemicals of class C1 or C2 combustible liquids under AS 1940 or dangerous goods class 3 under subsection (1)(c)	ML1771	No	No	Unmodified
Ancillary 31 - Mineral processing - 2(b) - Processing, in a year, the following quantities of mineral products, other than coke - more than 100,000t	ML1771	No	No	Unmodified
Ancillary 63 - Sewage Treatment - 1(b-ii) - Operating sewage treatment works, other than no-release works, with a total daily peak design capacity of more than 100 but not more than 1500EP - otherwise	ML1771	No	No	Unmodified
Schedule 3 - 13 - Mining black coal	ML1771	No	No	Unmodified
Schedule 3 - 13 - Mining black coal	ML1772	No	No	Unmodified
Ancillary 31 - Mineral processing - 2(b) - Processing, in a year, the following quantities of mineral products, other than coke - more than 100,000t	ML1772	No	No	Unmodified
Ancillary 63 - Sewage Treatment - 1(b-ii) - Operating sewage treatment works, other than no-release works, with a total daily peak design capacity of more than 100 but not more than 1500EP - otherwise	ML1772	No	No	Unmodified
Ancillary 08 - Chemical Storage - 3 - Storing more than 500 cubic metres of chemicals of class C1 or C2 combustible liquids under AS 1940 or dangerous goods class 3 under subsection (1)(c)	ML1772	No	No	Unmodified

Schedule 3 - 13 - Mining black coal	ML1773	No	No	Unmodified
Ancillary 08 - Chemical Storage - 3 - Storing more than 500 cubic metres of chemicals of class C1 or C2 combustible liquids under AS 1940 or dangerous goods class 3 under subsection (1)(c)	ML1773	No	No	Unmodified
Ancillary 63 - Sewage Treatment - 1(b-ii) - Operating sewage treatment works, other than no-release works, with a total daily peak design capacity of more than 100 but not more than 1500EP - otherwise	ML1773	No	No	Unmodified
Ancillary 31 - Mineral processing - 2(b) - Processing, in a year, the following quantities of mineral products, other than coke - more than 100,000t	ML1773	No	No	Unmodified
Ancillary 63 - Sewage Treatment - 1(b-ii) - Operating sewage treatment works, other than no-release works, with a total daily peak design capacity of more than 100 but not more than 1500EP - otherwise	ML1792	No	No	Unmodified
Ancillary 62 - Resource recovery and transfer facility operation - 1(c) - Operating a facility for receiving and sorting, dismantling, baling or temporarily storing category 2 regulated waste	ML1792	No	No	Unmodified
Ancillary 08 - Chemical Storage - 3 - Storing more than 500 cubic metres of chemicals of class C1 or C2 combustible liquids under AS 1940 or dangerous goods class 3 under subsection (1)(c)	ML1792	No	No	Unmodified
Ancillary 31 - Mineral processing - 2(b) - Processing, in a year, the following quantities of mineral products, other than coke - more than 100,000t	ML1792	No	No	Unmodified
Ancillary 60 - Waste disposal - 2(h) - Operating a facility for disposing of, in a year, the following quantity of waste mentioned in subsection (1)(b) - more than 200,000t	ML1792	No	No	Unmodified
Schedule 3 - 13 - Mining black coal	ML1792	No	No	Unmodified
Ancillary 31 - Mineral processing - 2(b) - Processing, in a year, the following quantities of mineral products, other than coke - more than 100,000t	ML1800	No	No	Unmodified
Ancillary 08 - Chemical Storage - 3 - Storing more than 500 cubic metres of chemicals of class C1 or C2 combustible liquids under AS 1940 or dangerous goods class 3 under subsection (1)(c)	ML1800	No	No	Unmodified

Ancillary 63 - Sewage Treatment - 1(b-ii) - Operating sewage treatment works, other than no-release works, with a total daily peak design capacity of more than 100 but not more than 1500EP - otherwise	ML1800	No	No	Unmodified
Schedule 3 - 13 - Mining black coal	ML1800	No	No	Unmodified
Ancillary 08 - Chemical Storage - 3 - Storing more than 500 cubic metres of chemicals of class C1 or C2 combustible liquids under AS 1940 or dangerous goods class 3 under subsection (1)(c)	ML1812	No	No	Unmodified
Ancillary 63 - Sewage Treatment - 1(b-ii) - Operating sewage treatment works, other than no-release works, with a total daily peak design capacity of more than 100 but not more than 1500EP - otherwise	ML1812	No	No	Unmodified
Schedule 3 - 13 - Mining black coal	ML1812	No	No	Unmodified
Ancillary 31 - Mineral processing - 2(b) - Processing, in a year, the following quantities of mineral products, other than coke - more than 100,000t	ML1812	No	No	Unmodified
Ancillary 31 - Mineral processing - 2(b) - Processing, in a year, the following quantities of mineral products, other than coke - more than 100,000t	ML1829	No	No	Unmodified
Ancillary 08 - Chemical Storage - 3 - Storing more than 500 cubic metres of chemicals of class C1 or C2 combustible liquids under AS 1940 or dangerous goods class 3 under subsection (1)(c)	ML1829	No	No	Unmodified
Ancillary 63 - Sewage Treatment - 1(b-ii) - Operating sewage treatment works, other than no-release works, with a total daily peak design capacity of more than 100 but not more than 1500EP - otherwise	ML1829	No	No	Unmodified
Schedule 3 - 13 - Mining black coal	ML1829	No	No	Unmodified
Ancillary 31 - Mineral processing - 2(b) - Processing, in a year, the following quantities of mineral products, other than coke - more than 100,000t	ML1860	No	No	Unmodified
Schedule 3 - 13 - Mining black coal	ML1860	No	No	Unmodified
Ancillary 63 - Sewage Treatment - 1(b-ii) - Operating sewage treatment works, other than no-release works, with a total daily peak design capacity of more than	ML1860	No	No	Unmodified

100 but not more than 1500EP - otherwise				
Ancillary 08 - Chemical Storage - 3 - Storing more than 500 cubic metres of chemicals of class C1 or C2 combustible liquids under AS 1940 or dangerous goods class 3 under subsection (1)(c)	ML1860	No	No	Unmodified
Schedule 3 - 13 - Mining black coal	ML1862	No	No	Unmodified
Ancillary 08 - Chemical Storage - 3 - Storing more than 500 cubic metres of chemicals of class C1 or C2 combustible liquids under AS 1940 or dangerous goods class 3 under subsection (1)(c)	ML1862	No	No	Unmodified
Ancillary 31 - Mineral processing - 2(b) - Processing, in a year, the following quantities of mineral products, other than coke - more than 100,000t	ML1862	No	No	Unmodified
Ancillary 63 - Sewage Treatment - 1(b-ii) - Operating sewage treatment works, other than no-release works, with a total daily peak design capacity of more than 100 but not more than 1500EP - otherwise	ML1862	No	No	Unmodified
Ancillary 08 - Chemical Storage - 3 - Storing more than 500 cubic metres of chemicals of class C1 or C2 combustible liquids under AS 1940 or dangerous goods class 3 under subsection (1)(c)	ML1907	No	No	Unmodified
Ancillary 63 - Sewage Treatment - 1(b-ii) - Operating sewage treatment works, other than no-release works, with a total daily peak design capacity of more than 100 but not more than 1500EP - otherwise	ML1907	No	No	Unmodified
Ancillary 31 - Mineral processing - 2(b) - Processing, in a year, the following quantities of mineral products, other than coke - more than 100,000t	ML1907	No	No	Unmodified
Schedule 3 - 13 - Mining black coal	ML1907	No	No	Unmodified
Ancillary 31 - Mineral processing - 2(b) - Processing, in a year, the following quantities of mineral products, other than coke - more than 100,000t	ML70091	No	No	Unmodified
Schedule 3 - 13 - Mining black coal	ML70091	No	No	Unmodified
Ancillary 08 - Chemical Storage - 3 - Storing more than 500 cubic metres of chemicals of class C1 or C2 combustible liquids under AS 1940 or dangerous goods class 3 under subsection (1)(c)	ML70091	No	No	Unmodified

Ancillary 63 - Sewage Treatment - 1(b-ii) - Operating sewage treatment works, other than no-release works, with a total daily peak design capacity of more than 100 but not more than 1500EP - otherwise	ML70091	No	No	Unmodified
Ancillary 63 - Sewage Treatment - 1(b-ii) - Operating sewage treatment works, other than no-release works, with a total daily peak design capacity of more than 100 but not more than 1500EP - otherwise	ML70103	No	No	Unmodified
Ancillary 31 - Mineral processing - 2(b) - Processing, in a year, the following quantities of mineral products, other than coke - more than 100,000t	ML70103	No	No	Unmodified
Schedule 3 - 13 - Mining black coal	ML70103	No	No	Unmodified
Ancillary 08 - Chemical Storage - 3 - Storing more than 500 cubic metres of chemicals of class C1 or C2 combustible liquids under AS 1940 or dangerous goods class 3 under subsection (1)(c)	ML70103	No	No	Unmodified
Ancillary 08 - Chemical Storage - 3 - Storing more than 500 cubic metres of chemicals of class C1 or C2 combustible liquids under AS 1940 or dangerous goods class 3 under subsection (1)(c)	ML70104	No	No	Unmodified
Ancillary 63 - Sewage Treatment - 1(b-ii) - Operating sewage treatment works, other than no-release works, with a total daily peak design capacity of more than 100 but not more than 1500EP - otherwise	ML70104	No	No	Unmodified
Schedule 3 - 13 - Mining black coal	ML70104	No	No	Unmodified
Ancillary 31 - Mineral processing - 2(b) - Processing, in a year, the following quantities of mineral products, other than coke - more than 100,000t	ML70104	No	No	Unmodified
Ancillary 08 - Chemical Storage - 3 - Storing more than 500 cubic metres of chemicals of class C1 or C2 combustible liquids under AS 1940 or dangerous goods class 3 under subsection (1)(c)	ML70139	No	No	Unmodified
Ancillary 63 - Sewage Treatment - 1(b-ii) - Operating sewage treatment works, other than no-release works, with a total daily peak design capacity of more than 100 but not more than 1500EP - otherwise	ML70139	No	No	Unmodified
Ancillary 31 - Mineral processing - 2(b) - Processing, in a year, the following	ML70139	No	No	Unmodified

quantities of mineral products, other than coke - more than 100,000t				
Schedule 3 - 13 - Mining black coal	ML70139	No	No	Unmodified
Ancillary 31 - Mineral processing - 2(b) - Processing, in a year, the following quantities of mineral products, other than coke - more than 100,000t	ML70167	No	No	Unmodified
Schedule 3 - 13 - Mining black coal	ML70167	No	No	Unmodified
Ancillary 08 - Chemical Storage - 3 - Storing more than 500 cubic metres of chemicals of class C1 or C2 combustible liquids under AS 1940 or dangerous goods class 3 under subsection (1)(c)	ML70167	No	No	Unmodified
Ancillary 63 - Sewage Treatment - 1(b-ii) - Operating sewage treatment works, other than no-release works, with a total daily peak design capacity of more than 100 but not more than 1500EP - otherwise	ML70167	No	No	Unmodified
Ancillary 63 - Sewage Treatment - 1(b-ii) - Operating sewage treatment works, other than no-release works, with a total daily peak design capacity of more than 100 but not more than 1500EP - otherwise	ML70329	No	No	Unmodified
Schedule 3 - 13 - Mining black coal	ML70329	No	No	Unmodified
Ancillary 31 - Mineral processing - 2(b) - Processing, in a year, the following quantities of mineral products, other than coke - more than 100,000t	ML70329	No	No	Unmodified
Ancillary 08 - Chemical Storage - 3 - Storing more than 500 cubic metres of chemicals of class C1 or C2 combustible liquids under AS 1940 or dangerous goods class 3 under subsection (1)(c)	ML70329	No	No	Unmodified

Application Questions

Environmental Offsets

Will the ERA(s) being applied for cause, or be likely to cause, a significant residual impact to a prescribed environmental matter (other than a matter of local environmental significance)?

Yes	
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Uploaded as part of combined supporting document:

Identify the sections or pages where the relevant information is located:	Section 12 and Section 13 of the Blackwater Mine North Extension Project Environmental Authority Amendment Supporting Information Document, and Appendix H and Appendix I describe the MSES that will be impacted for the activity and the assessment of significant residual impact.
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Regional Interest Areas

The resource activity is:

Not located in an area of regional interest	
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Waste Management

Detail the proposed measures for minimising and managing waste generated by any amendment(s) to the relevant activity:

A document providing the required information is attached; or	
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Uploaded as part of combined supporting document:

Identify the sections or pages where the relevant information is located:	Section 14 of the Blackwater Mine North Extension Project Environmental Authority Amendment Supporting Information Document describes the waste management approach for the activity.
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Environmental Management Register (EMR)

Select the relevant option in relation to any part of the land:

The land is currently recorded in the EMR	
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ANZSIC Code

Provide the ANZSIC Code(s) for the resource activity:

1101 Black coal mining	
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Environmental Protection Orders (EPO) or Site Management Plans (SMP)

Is the land currently subject to an EPO or SMP?

No	
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Environmental Values (EVs)

The environmental values are:

Uploaded as part of combined supporting document:

Identify the sections or pages where the relevant information is located:	Documents uploaded include the Blackwater Mine North Extension Project Environmental Authority Amendment Supporting Information Document and a series of appendices relating to each of the environmental values.
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Matters of National Environmental Significance (MNES)

Carrying out of the proposed ERA (or ERA project):

Is likely to have a significant impact on MNES and has been referred to the Federal Government Environment Minister or a delegate for formal assessment and approval.	
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Uploaded as part of combined supporting document:

Identify the sections or pages where the relevant information is located:	A referral to the Federal Government Environment Minister has been submitted (2023/09723). Relevant information on MNES is included in the Blackwater Mine North Extension Project Environmental Authority Amendment Supporting Information Document and its appendices.
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Has an approval issued under the Environmental Protection and Biodiversity Conservation Act 1999 (EPBC Act) required an environmental offset for the same, or substantially the same, impact and the same, or substantially the same, matters of national environmental significance?

No

Coal Seam Gas (CSG) activities

Does the application relate to an environmental authority for a CSG activity that is an ineligible ERA?

No

Underground Water Rights

Is the activity proposed to be undertaken on a Mineral Development Licence (MDL), Mining Lease (ML) or Petroleum Lease (PL)?

Yes

Does the proposed amendment involve changes to the exercise of underground water rights?

No

Financial Assurance (FA) / Estimated Rehabilitation Cost (ERC)

Is FA or Scheme Assurance currently held for the approved environmental authority?

Yes

Identify the relevant option:

I will be applying for a new ERC decision if this amendment application is approved.

Environmental Impact Statement (EIS)

Has an application been made for a decision on whether an EIS would be required for the proposed amendment activity?

No

Has an EIS process that includes the proposed amendment been completed?

No

EIS Triggers

Is the proposed ERA amendment for: (select all that apply)

The current ERA project is for an existing mine extracting over 10 million tonnes per year of ROM ore or coal

The activity is a mining activity

Uploaded as part of combined supporting document:

Identify the sections or pages where the relevant information is located: Section 2.1.3 of the Blackwater Mine North Extension Project Environmental Authority Amendment Supporting Information Document provides an assessment against the EIS trigger criteria.

Is the proposed ERA amendment for an increase in annual extraction of more than 10% or 10 million tonnes per year (whichever is the lesser)?

No

Is the proposed ERA amendment for a mining activity:

a) That will extend into a Category A or B environmentally sensitive area, unless previously authorised by the state?

Yes

b) That would involve a substantial change in mining operations?

No

c) For which a novel or unproven resource extraction process, technology or activity, is being proposed?

No

Single Integrated Operation

Will the activities be undertaken as a single integrated operation?

Yes	
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Uploaded as part of combined supporting document:

Identify the sections or pages where the relevant information is located:	The Blackwater Mine North Extension Project Environmental Authority Amendment Supporting Information Document describes the activities to be undertaken, their locations and documents an assessment of potential impact to relevant environmental values. The document includes description of how the activities will be managed in accordance with existing operations.
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Website Address

Provide the website address for the application notice and application documents

Website	
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Technical assessment

Name:	
Telephone:	
Email:	

Documents Uploaded

Document Name	Document Type	Document Reference
Appendix A Land Resources Assessment	Application Supporting Documentation	100564044
Appendix B Geochemistry Assessment	Application Supporting Documentation	100564045
Appendix C Air Quality Assessment	Application Supporting Documentation	100564046
Appendix D Noise and Vibration Assessment	Application Supporting Documentation	100564047
Appendix E Surface Water Resources Assessment	Application Supporting Documentation	100564048
Appendix F Groundwater Impact Assessment	Application Supporting Documentation	100564343
Appendix G Terrestrial Ecology MNES Assessment	Application Supporting Documentation	100564344
Appendix H Terrestrial Ecology MSES Assessment	Application Supporting Documentation	100564345
Appendix I Aquatic Ecology Impact Assessment	Application Supporting Documentation	100564346
Appendix J Groundwater Modelling and Impact Assessment Peer Review Letter	Application Supporting Documentation	100564347
BWM North Extension Project EA Amendment Application Supporting Information Document	Application Supporting Documentation	100564348

Privacy Statement:

The Department of Environment and Science (the Department) is collecting the information on this form in accordance with and as authorised by Chapter 5 of the *Environmental Protection Act 1994 (EP Act)*. Some of the information may be disclosed to the Department of Natural Resources, Mines and Energy and Queensland Treasury for the purpose of processing this application.

Pursuant to section 540 of the *EP Act*, the Department is required to maintain a register of certain documents and information authorised under the *EP Act*. A copy of this document will be kept on the public register. The register is available for inspection by members of the public, who are able to take extracts, or copies of the documents from the register. Documents that are required to be kept on the register are published in their entirety, unless alteration is required by the *EP Act*. There is no general discretion allowing the Department to withhold documents or information required to be kept on the public register. For more information on the Department's public register, search 'public register' at www.qld.gov.au. For queries about privacy matters, please email privacy@des.qld.gov.au or telephone: 13 74 68.

Declaration

I declare that:

- If the proposed amendment is made, the relevant activities will continue to comply with the ERA Standard (eligibility criteria and standard conditions) for all eligible ERAs or, where they cannot comply, the application indicates otherwise and the required supporting information has been provided.
- If the proposed amendment is a Minor Amendment (Condition Conversion), the relevant activities can comply with the ERA Standard (eligibility criteria and standard conditions) for each of the ERAs authorised by the environmental authority.
- The information provided is true and correct to the best of my knowledge. I understand that it is an offence under section 480 and 480A of the *Environmental Protection Act 1994* to give the administering authority or an authorised person a document containing information that I know is false, misleading or incomplete in a material particular.

I/The holders understand that I am /the holders are responsible for managing the environmental impacts of these activities, and that approval of this application is not an endorsement by the administering authority of the effectiveness of management practices proposed or implemented.

NAME OF SIGNATORY: Stacey Gromadzki
POSITION OF SIGNATORY: BMA Environmental Approvals Principal
DATE: 15-Dec-2023