

Application form

Environmental Protection Act 1994

Application to amend a progressive rehabilitation and closure plan schedule (PRCP schedule) or joint PRCP schedule and environmental authority

This approved form is to be used when applying for a progressive rehabilitation and closure plan schedule (PRCP schedule) amendment or a joint PRCP schedule and Environmental Authority (EA) amendment under section 224 to 226B of the Environmental Protection Act 1994 (EP Act).

IMPORTANT NOTE: Before completing this application form it is recommended that you:

- Read the [Guideline - Progressive Rehabilitation and Closure Plans \(ESR/2019/4964\)](#), which explains the information required in a PRCP schedule.
- Have a pre-lodgement meeting. To request a pre-lodgement meeting, please fill out and lodge the form [Application for pre-lodgement services \(ESR/2015/1664\)](#).

This application form is split in to three parts. The table below provides details of which parts must be completed for the different applications.

Application type	Parts that must be completed
PRCP schedule amendment	Part 1 – Amendment application information Part 3 – Declaration and payment of fees
Joint PRCP schedule and EA amendment	All parts

If you require assistance in answering any part of this form, or have any questions about your application, please contact the relevant business centre. Contact details are at the end of this form.

Privacy statement

The Department of the Environment, Tourism, Science and Innovation (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 and Mines, Manufacturing, and Regional and Rural Development, 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@detsi.qld.gov.au or telephone 13 74 68.

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Part 1—Amendment application information

All sections within Part 1 must be completed for all amendment application types.

Section 1 – Environmental authority and PRCP schedule number

Environmental authority number this PRCP schedule relates to.	EPML00862313
PRCP schedule reference number.	P-PRCP-100734616

Section 2 – Applicant details

Details of the applicant are to be provided in this section. The person nominated as the application contact will receive correspondence relating to this application.

NAME / COMPANY NAME * BHP Mitsubishi Alliance (BMA)	TRADING NAME (*IF AN ORGANISATION) BMA
REGISTERED BUSINESS ADDRESS / RESIDENTIAL ADDRESS (NOT A POST OFFICE BOX) * Level 14, 480 Queen Street BRISBANE Queensland 4000 Australia	POSTAL ADDRESS (*WHERE DIFFERENT) See registered business address
ABN / ACN (*IF AN ORGANISATION) ABN 67 096 412 752	NAME OF APPLICATION CONTACT * Jacqueline Lakoumentas
EMAIL * Jacqueline.lakoumentas@bhp.com	TELEPHONE * 0403 882 144
☒ INDICATE IF YOU WANT TO RECEIVE CORRESPONDENCE VIA EMAIL ☐ INDICATE IF THERE ARE JOINT HOLDERS OF THE ENVIRONMENTAL AUTHORITY. IF THERE ARE JOINT HOLDERS, PROVIDE THE ADDITIONAL CONTACT DETAILS AS AN ATTACHMENT.	

Section 2.1 – Agent details

If there is an agent acting on behalf of the applicant, details of the agent are to be provided. An agent could be a consultant or contactor for the applicant.

Is this form being completed by an agent for the applicant? * NOTE: If an agent is nominated, please provide evidence of appointment by the authority holder/s.	☐ Yes – Provide details below ☒ No – Go to next section
NAME / COMPANY NAME Insert.	TRADING NAME Insert.
REGISTERED / RESIDENTIAL ADDRESS Insert.	POSTAL ADDRESS (WHERE DIFFERENT) Insert.
ABN / ACN (IF AN ORGANISATION) Insert.	CONTACT NAME Insert.
EMAIL Insert.	TELEPHONE Insert.

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Section 3 – Major or Minor Amendment, PRCP schedule

The administering authority decides if an application is a minor amendment or a major amendment and will send you a notice of the decision. A single assessment level decision will be made, and a single decision notice issued, where an application is made to amend both the EA and PRCP schedule at the same time.

If the application is a major amendment, an assessment fee of 30% of the annual fee for your environmental authority is required to be paid. The assessment of your amendment application will not proceed until the assessment fee is paid. No additional assessment fees apply if your application is determined to be a minor amendment.

By considering what type of amendment your application is likely to be, you will have a better idea of whether the assessment fee will be payable.

For further information see the [Guideline - Major and minor amendments \(ESR/2015/1684\)](#) and section 223 of the EP Act. If you have questions regarding whether your amendment will be a minor or major amendment you are encouraged to arrange a pre-lodgement meeting with the administering authority. Only an indication can be given as to whether the proposed changes are likely to be a minor or major amendment, at a pre-lodgement meeting as this decision can only be made when the actual application is submitted.

Is the application for a major or minor amendment to the PRCP schedule?

- ☐ Major amendment for a PRCP schedule.
☒ Minor amendment (PRCP threshold).

Would approval of the amendment application for the PRCP schedule result in the PRCP schedule to which the application relates being inconsistent with the relevant EA?

- ☒ No – Go to next section.
☐ Yes – This application must be a joint PRCP schedule and EA amendment application.

The amendment to the PRCP schedule must not be inconsistent with the EA, otherwise you must apply to amend your EA.

Section 4 – Major or Minor Amendment, EA

Is this application for a joint PRCP schedule and EA amendment?

- ☒ No – Go to next section.
☐ Yes – Provide details below.

Is the application for a major or minor EA amendment?

- ☐ Major amendment for an EA.
☐ Minor amendment for an EA (threshold).

Section 5 – Website address

Provide the website address for the application notice and application documents.

www.bhp.com

If this application is for a joint EA and PRCP schedule amendment, will the application notice and application documents for both amendments be published together?

- ☐ No.
☐ Yes.

Provide details of the contact person if technical assistance is required.

NAME

Jacqueline
Lakoumentas

TELEPHONE

0403 882 144

EMAIL

Jacqueline.lakoumentas@bhp.com

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Section 6 – Describe the proposed amendment

Provide a detailed description of your proposed amendment. Include justification of how your proposed amendment meets the criteria for a major or minor amendment and attach any supporting information to this application. If the amendment is to add or delete a location, tenure or activity, or to change the threshold of an activity, provide details below.

This PRCP amendment proposes to amend the BMA Saraji Mine (SRM) PRCP schedule (P-PRCP-100734616) to be consistent with the milestone criteria and post-mining land uses (PMLUs) of the more recently approved BMA transitional PRCP schedules. The criteria are justified throughout the PRCP rehabilitation planning part, the studies undertaken to support the PRCP and further information provided to DETSI as part of transitional PRCP information request responses.

Key proposed amendments include:

- Changing the PMLU of tailings storage facility (TSF) no. 3 from woodland habitat to grassland. TSF no. 3, a standalone TSF, requires a cover with shallow rooted species to manage risk. The objective of the grassland PMLU is stability, to ensure contaminants are not released to the receiving environment. As a result of changing the PMLU to grassland, the amendment proposes to change the rehabilitation area (RA) from RA6 to RA9, so that the relevant activities of these RAs are consistent with other BMA PRCP schedules.
- Changing (amend/add/remove) some of the rehabilitation and management milestone criteria to be consistent with other approved BMA PRCP schedules, including proposing additional criteria needed to achieve a grassland PMLU to a stable condition. The proposed changes to the milestone criteria still achieves a stable condition and does not increase the impact on environmental values.
- Inclusion of additional native species in the woodland habitat seed mix to ensure seeding rates can be achieved when seed supply is limited.

A justification of how the proposed amendment meets the criteria for a minor amendment has been attached as supporting information. The amendment does not propose to add or delete a location, tenure or activity, or to change the threshold of an activity.

☒ I HAVE ATTACHED ADDITIONAL DETAILS FOR THIS SECTION AND PROVIDED DETAILS BELOW.

Include information regarding where the additional details are located:
SRM PRCP Amendment Application Supporting Document

Section 7 – Describe the land that will be affected by the proposed amendment

Describe if the activity will be carried out within the existing designated areas of the environmental authority/PRCP schedule or a new area.

The activity will be carried out within the existing designated areas of the environmental authority/PRCP: ML1775 (part), ML1782 (part), ML1784, ML2360, ML2410, ML70142 (part), ML70294, ML70298, ML70328 (part), ML700021. The SRM PRCP boundary is shown in the Reference map within the PRCP schedule.

☐ I HAVE ATTACHED ADDITIONAL DETAILS FOR THIS SECTION.

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Section 8 – Environmental values

Attach a document that provides an assessment of the likely impact of the proposed amendment on all environmental values (EVs) listed. Note: Where there is no impact stated, justification must be included as to why this is the case.

Environmental Values

- | | | | |
|---|--|--|--|
| ☒ Water | ☒ Wetlands | ☒ Land use | ☒ Acoustic |
| ☒ Groundwater | ☒ Land | ☒ Air | ☒ Waste |

☒ I HAVE ATTACHED A DOCUMENT THAT PROVIDES AN ASSESSMENT OF LIKELY IMPACTS ON EVs.

Note that the EP Act, s226A(1)(f) states the information required relating to impacts on EVs which include:

- (i) a description of the environmental values likely to be affected by the proposed amendment; and
- (ii) details of any emissions or releases likely to be generated by the proposed amendment; and
- (iii) a description of the risk and likely magnitude of impacts on the environmental values; and
- (iv) details of the management practices proposed to be implemented to prevent or minimise adverse impacts; and
- (v) if a PRCP schedule does not apply for each relevant activity - details of how the land the subject of the application will be rehabilitated after each relevant activity ends.

Section 9 – Site contact

Would you like to nominate a site contact?

- ☒ No – Go to next section
- ☐ Yes – Provide details below

SITE CONTACT NAME

Insert.

POSITION

Insert.

EMAIL

Insert.

TELEPHONE

Insert.

☐ INDICATE IF YOU WANT THE SITE CONTACT TO RECEIVE CORRESPONDENCE VIA EMAIL

A site contact is an alternative contact nominated by the legal entity which holds, or will in future hold, a relevant authority issued by the department. The department may direct correspondence relating to actual or potential compliance matters to the site contact.

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PRCP schedule amendment information

Section 10 – Proposed amendment(s)				
Provide information about the proposed amendment(s) below. Only complete the parts of this section that are relevant to the application. Please attach an additional sheet to this application form if there is not enough space in this section.				
Final site design				
Reference	Amendment	Current (if amending)	Proposed	Justification
Table completed in SRM PRCP Amendment Application Supporting Document	Choose an item.	Choose an item.	Choose an item.	Provide justification for the proposed amendment.
Insert Rehabilitation or Improvement area reference.	Choose an item.	Choose an item.	Choose an item.	Provide justification for the proposed amendment.
Insert Rehabilitation or Improvement area reference.	Choose an item.	Choose an item.	Choose an item.	Provide justification for the proposed amendment.
Milestone and Milestone Criteria				
Reference	Amendment	Current (if amending)	Proposed	Justification
Table completed in SRM PRCP Amendment Application Supporting Document	Choose an item.	Insert current milestone or milestone criteria to be amended.	Insert proposed milestone or milestone criteria.	Provide justification for the proposed amendment.
Insert milestone or milestone criteria reference.	Choose an item.	Insert current milestone or milestone criteria to be amended.	Insert proposed milestone or milestone criteria.	Provide justification for the proposed amendment.

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Insert milestone or milestone criteria reference.	Choose an item.	Insert current milestone or milestone criteria to be amended.	Insert proposed milestone or milestone criteria.	Provide justification for the proposed amendment.
Timeframes				
Reference	Amendment	Current (if amending)	Proposed	Justification
No changes proposed	Choose an item.	Insert current date.	Insert proposed date.	Provide justification for the proposed amendment.
Insert the reference for the milestone to which the timeframe relates.	Choose an item.	Insert current date.	Insert proposed date.	Provide justification for the proposed amendment.
Insert the reference for the milestone to which the timeframe relates.	Choose an item.	Insert current date.	Insert proposed date.	Provide justification for the proposed amendment.

Section 11 – Amend Conditions

Do you wish to amend the condition(s) of the PRCP schedule?

☐ No – Go to next section.

☒ Yes – Provide details below.

Provide details of: (a) condition number(s); (b) proposed change; and (c) justification for the change.

Information provided in SRM PRCP Amendment Application Supporting Document

Section 12 – Spatial Information

Does this application propose to amend the final site design of the current approved PRCP schedule?

☐ No – Go to next section.

☒ Yes – This section applies.

Include spatial information, as required in the [Guideline – Progressive Rehabilitation and Closure Plans \(ESR/2019/4964\)](#). See Attachment 1 of this form for details on how spatial information must be submitted

☒ Spatial information has been submitted.

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Section 13 - PRCP schedule

The proposed PRCP schedule must comply with section 126D of the EP Act, and be written in accordance with the [Guideline – Progressive Rehabilitation and Closure Plans \(ESR/2019/4964\)](#).

Include an updated PRCP schedule prepared using the [PRCP schedule template \(ESR/2019/5103\)](#) or [PRCP schedule template word \(ESR/2015/7103\)](#).

☒ Yes

☐ No

Section 14– Non-use management areas (NUMA)

Does this application propose to include a new or amend a current approved NUMA(s)?

☒ No – Go to next section.

☐ Yes.

Has a public interest evaluation been carried out by a qualified entity for the proposed NUMA(s)?

☐ No – Go to next section.

☐ Yes.

Has the proposed NUMA(s) changed since the public interest evaluation was carried out?

☐ No – Go to next section.

☐ Yes – Provide details below.

How has the proposed NUMA(s) changed since the public interest evaluation was carried out?

Insert.

Section 15 – Rehabilitation planning part

An amendment application for a PRCP schedule must be accompanied by an amended rehabilitation planning part of the PRC plan that complies with section 126C of the EP Act in relation to the proposed amendment. This includes updating the rehabilitation planning part in relation to the proposed amendment to meet the information requirements described in the [Guideline – Progressive Rehabilitation and Closure Plans \(ESR/2019/4964\)](#), in accordance with section 126C(1) of the EP Act.

For each requirement below, insert a reference to the section of the PRC plan which satisfies the requirement.

Justification must be provided for any requirement for which the response is Not Applicable (NA).

If more space is required, please attach a separate sheet.

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Rehabilitation plan Requirement	Requirement met? (Yes / NA)	Rehabilitation Plan Section No.	Justification
Project description			
Describe the following in relation to the proposed amendment:			
• each resource tenure, including the area of each tenure, to which this application relates;	Yes	1.1.2	-
• the relevant activities to which this application relates;	Yes	1.4.1	-
• the likely duration of the relevant activities	Yes	1.4.1	-
Include a detailed description, including maps, of how and where the relevant activities are to be carried out.	Yes	1.4.1, 1.4.2 & Section B 10.2	-
Consultation			
Include details of the consultation undertaken by the applicant in developing the proposed amended PRCP schedule.	Yes	2.1 & 2.2	-
Include details of how the applicant will undertake ongoing consultation in relation to the rehabilitation to be carried out under the plan.	Yes	2.3	-
Post-mining land use (PMLU)			
State the extent to which each proposed post-mining land use identified in the proposed PRCP schedule is consistent with the outcome of consultation with the community in developing the proposed PRCP schedule.	Yes	3.2	-
State the extent to which each proposed post-mining land use identified in the proposed PRCP schedule is consistent with any strategies or plans for the land of a local government, the State or the Commonwealth.	Yes	3.3	-

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Non-use management area (NUMA)			
State the extent to which each proposed non-use management area identified in the PRCP schedule is consistent with the outcome of consultation with the community in developing the proposed PRCP schedule.	Yes	4.3	-
State the extent to which each proposed non-use management area identified in the PRCP schedule is consistent with any strategies or plans for the land of a local government, the State or the Commonwealth.	Yes	4.4	-
For each proposed non-use management area, state the reasons the applicant considers the area cannot be rehabilitated to a stable condition because of a matter mentioned in section 126D(2).	NA	4	As outlined in Section 754 (3) of the EP Act and Section 6.3.2 of the PRCP Guideline 'a NUMA will be taken to be pre-approved if a land outcome, the same or substantially similar to a NUMA, is contained in a 'land outcome document'. This was the case for SRM due to the residual voids being authorised under EA Schedule E (Condition E10 and E11) of the land outcome document (LOD) (prior to amending the EA post approval of the PRCP schedule). BMA had transitional arrangements for residual voids as pre-approved NUMAs.
For each proposed NUMA listed in the line above, include copies of reports or other evidence relied on by the applicant for each proposed non-use management area.	NA	4	The 2023 EA was the LOD for Saraji Mine

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Rehabilitation and management methodology

Note: Section 3.5 of the [Guideline – Progressive Rehabilitation and Closure Plans \(ESR/2019/4964\)](#) outlines the range of information that must be included as appendices to the rehabilitation planning part of the PRC plan.

For each proposed post-mining land use, state the proposed methods or techniques for rehabilitating the land to a stable condition in a way that supports the rehabilitation milestones under the proposed PRCP schedule.	Yes	6	-
For each proposed non-use management area, state the proposed methodology for achieving best practice management of the area to support the management milestones under the proposed PRCP schedule for the area.	Yes	6	-
Risk assessment			
Identify the risks of a stable condition for land described as a post-mining land use not being achieved, and how the applicant intends to manage or minimise the risks.	Yes	7	-
PRCP Guideline			
Include any other information prescribed by the administering authority in the Guideline – Progressive Rehabilitation and Closure Plans (ESR/2019/4964) .	Yes	8	Monitoring and maintenance
Other information			
Include the other information the administering authority reasonably considers necessary to decide whether to approve the proposed PRCP schedule amendment.	Yes	Section C: Appendices	Supporting studies and information included in PRC plan Section C: Appendices

Part 2—EA amendment information

Part 2 only applies if your application is for a joint PRCP schedule and EA amendment, you must complete all sections in this part. If you are applying for a PRCP schedule amendment only, do not complete Part 2.

Section 16 – Type of application

Does this application relate to a joint PRCP schedule and EA amendment application?

☒ No – Part 2 does not apply to you, do not complete the sections in this part.

☐ Yes – Complete all of the sections in this part.

Section 17 – Checklist questions

An application to amend an EA is not appropriate in all circumstances. If you answer **Yes** to any of the preliminary questions below, you cannot use this application form to amend your EA. If you answer **No** to all of the preliminary questions, you may continue to use this application form to amend your EA.

Is the amendment to correct a clerical or formal error?

☐ Yes ☐ No

If yes, you cannot use this form. This request should be made in writing directly to the administering authority (no fees apply).

Is the amendment to add an ERA to an amalgamated project authority and the proposed activity does not form part of the single integrated operation conducted under the authority?

☐ Yes ☐ No

If yes, you cannot use this form. You will need to apply for a new environmental authority.

Is the amendment to add an ERA to the EA and the addition of the ERA would result in the EA not meeting the definition of an 'ERA project'?

☐ Yes ☐ No

If yes, you cannot use this form. You will need to apply for a new environmental authority.

Is the amendment to remove or amend a condition requiring compliance with the eligibility criteria, and is a result of changes to the activity?

☐ Yes ☐ No

If yes, you cannot use this form. Please make a site-specific application for a new environmental authority. Note: If the required amendment to the eligibility criteria condition is a result of factors beyond your control such as residential encroachment, rather than a change to the activity, you can use this form. The amendment will be a major amendment.

Is the amendment to amalgamate two or more environmental authorities?

☐ Yes ☐ No

If yes, you cannot use this form. Please use either the form [Application to amalgamate two or more environmental authorities into an amalgamated corporate authority \(ESR/2015/1734\)](#).

Is the amendment to amend estimated rehabilitation cost only?

☐ Yes ☐ No

If yes, you cannot use this form. Please use the form [Application for a decision on the estimated rehabilitation cost \(ESR/2018/4426\)](#).

Is the proposed amendment to add a prescribed ERA, other than an ancillary activity, to an environmental authority for a resource project?

☐ Yes ☐ No

If yes, you cannot use this form. You can apply using the standard, variation or site-specific application forms.

Is the amendment for a partial surrender of an environmental authority for a mining activity?

☐ Yes ☐ No

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If yes, you cannot use this form. Please use the form [Application for surrender or partial surrender of an environmental authority \(resource activity\) \(ESR/2015/1751\)](#).

Section 18 – EA Amendment Options

Tick all that apply

I would like to amend the EA:

- ☐ Activities – includes changes to thresholds.
- ☐ Conditions – includes conversion to standard conditions and variations.
- ☐ Locations – removal/addition or activity locations.

Section 19 – Amend Activities

Do you wish to amend activities under the EA, including removing ERAs, adding ERAs or changes to threshold(s)?

- ☐ No – Go to next section.
- ☐ Yes – Provide details below.

Section 19.1 – Removing ERA(s)

Does the proposed amendment remove an ERA from the EA?

- ☐ No – Go to section 19.2
- ☐ Yes – Continue on below

Section 19.1 - Details of the ERA(s) to be removed.

Provide a list of all the ERAs that are to be removed from the EA and identify whether the ERA has commenced.

ERA number	Threshold	Name of ERA	Has the ERA commenced?
Insert.	Insert.	Insert.	☐ Yes ☐ No
Insert.	Insert.	Insert.	☐ Yes ☐ No
Insert.	Insert.	Insert.	☐ Yes ☐ No
Insert.	Insert.	Insert.	☐ Yes ☐ No
Insert.	Insert.	Insert.	☐ Yes ☐ No

☐ I HAVE ATTACHED DETAILS OF ADDITIONAL ERA(s) TO BE REMOVED.

Section 19.2 – Adding ERA(s)

Does the proposed amendment add an ERA to the EA?

- ☐ No – Go to next section
- ☐ Yes – Continue on below

Provide details of which ERA(s) you wish to add. If the ERA has eligibility criteria and standard conditions, identify whether you can comply with them. Select “N/A” where there are no eligibility criteria and standard conditions for that ERA. If you cannot comply with all of the applicable standard conditions, select “No” and attach details of the standard conditions you cannot comply with

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ERA number	Threshold	Name of ERA	I can comply with the eligibility criteria	I can comply with all the standard conditions
Insert.	Insert.	Insert.	☐ Yes ☐ N/A	☐ Yes ☐ No
Insert.	Insert.	Insert.	☐ Yes ☐ N/A	☐ Yes ☐ No
Insert.	Insert.	Insert.	☐ Yes ☐ N/A	☐ Yes ☐ No
Insert.	Insert.	Insert.	☐ Yes ☐ N/A	☐ Yes ☐ No
Insert.	Insert.	Insert.	☐ Yes ☐ N/A	☐ Yes ☐ No

☐ I HAVE ATTACHED DETAILS OF ADDITIONAL ERA(s) TO BE ADDED.

☐ I HAVE ATTACHED DETAILS OF THE STANDARD CONDITIONS THAT I CANNOT COMPLY WITH.

If you cannot comply with the eligibility criteria as a result of the proposed amendment, then an amendment to the relevant eligibility criteria condition will also be required. The department will only approve an amendment of the eligibility criteria condition if it is a result of factors beyond your control such as residential encroachment, rather than a change to the activity.

Section 20 – Single Integrated Operation Confirmation

Will the activities be undertaken as a single integrated operation?

☐ Yes ☐ No

PROVIDE DETAILS OF THE ACTIVITIES THAT WILL BE OPERATED AS A SINGLE INTEGRATED OPERATION AND

Single integrated operation occurs when all of the below criteria are met:

- (a) the activities are carried out under the day-to-day management of a single responsible individual, for example, a site or operations manager;
- (b) the activities are operationally interrelated;
- (c) the activities are, or will be, carried out at one or more places; and
- (d) the places where the activities are carried out are separated by distances short enough to make feasible the integrated day-to-day management of the activities.

Section 21 – Seek to vary conditions

Are you looking to vary the condition(s) of the EA?

☐ No – Go to next section.

☐ Yes – Provide details below.

IMPORTANT NOTE: The administering authority considers what is necessary or desirable when setting the conditions of an environmental authority. Seeking to vary the conditions is likely to change the environmental risk of an activity and will require an assessment of the environmental values. If this is not provided, the application may not be valid.

Provide details of: (a) condition number(s); (b) proposed change; and (c) justification for the change.

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Insert.

☐ I HAVE ATTACHED ADDITIONAL DETAILS FOR THIS SECTION.

If the activities were assessed as part of a coordinated project declared under the State Development and Public Works Organisation Act 1971, you are only able to amend Coordinator General conditions if the Coordinator General's evaluation report for the project has lapsed. If you are unsure if the Coordinator General's evaluation report has lapsed, contact the Department of State Development for more information.

Section 22– Amend location(s)

Does the proposed amendment relate to the location where the ERA(s) are undertaken, including adding a location, removing a location or changing a location?

This section is not applicable to changes in monitoring locations, infrastructure locations ect. unless the new location is outside the currently authorised area for the environmental authority. Amendments to change the location of monitoring or infrastructure where the monitoring or infrastructure location is still within the currently authorised area are considered amendments to vary conditions

☐ No – Go to next section.

☐ Yes – Provide details below.

ERA number and threshold	Tenure(s)	Add or remove
Insert.	Insert.	Select.
Insert.	Insert.	Select.
Insert.	Insert.	Select.
Insert.	Insert.	Select.
Insert.	Insert.	Select.
Insert.	Insert.	Select.
Insert.	Insert.	Select.

☐ I HAVE ATTACHED DETAILS OF ADDITIONAL LOCATIONS FOR THIS SECTION.

Section 23 – Compliance with any eligibility criteria

Are there any eligibility criteria for the activity(s)?

☐ No – Go to next section.

☐ Yes – Provide details below.

State whether each relevant activity will, if the amendment is made, comply with any eligibility criteria for the activity.

Insert.

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Include a declaration (below) that the above statement is correct

I Insert.

(INSERT NAME, POSITION AND COMPANY NAME OF PERSON MAKING THE STATEMENT)

- make the statement by or for the holder of the environmental authority;
- confirm that, to the best of my knowledge, all information provided as part of this statement, including attachments, is true, correct and complete.
- understand that it is an offence under section 480 of the *Environmental Protection Act 1994*, to give the administering authority information that I know, or ought reasonably know, is false or misleading in a material particular;
- understand that under section 480A of the *Environmental Protection Act 1994* that, if I am required to give a document to the administering authority, it is an offence to give a document that I know, or ought reasonably to know, contains incomplete information in a material particular;
- confirm that, to the best of my knowledge, this statement, including attachments, does not include false, misleading or incomplete information;
- confirm that, to the best of my knowledge, I have not knowingly failed to reveal any relevant information or document to the administering authority;
- confirm that, to the best of my knowledge, all information provided in this statement, including attachments, address the relevant matters and are factually correct;
- confirm that the opinions expressed in this statement, including attachments, are honestly and reasonably held; and
- understand that all information supplied as part of this statement, including attachments, can be disclosed publicly in accordance with the *Right to Information Act 2009* and the *Evidence Act 1977*.

SIGNATURE

DATE

Click or tap to enter a date.

Only a person with appropriate environmental expertise and/or experience in planning and executing site operations should sign this statement. This person may be the environmental authority holder, a full time employee of the environmental authority holder or a consultant to the environmental authority holder.

Section 24 – 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)?

☐ No – Go to next section.

☐ Yes – Provide details below.

☐ Yes - Attach supporting information that:

- details the magnitude and duration of the likely significant residual impact on each prescribed environmental matter (other than matters of local environmental significance) for the entire activity;
- demonstrates that all reasonable measures to avoid and minimise impacts on each of those matters will be undertaken;
- includes a notice of election, if it has not already been submitted; and
- if the activity is to be staged, details of how the activity is proposed to be staged.

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Application to amend a progressive rehabilitation and closure plan schedule (PRCP schedule) or joint PRCP schedule and environmental authority

An environmental offset may be required for an ERA where despite all reasonable measures to avoid and minimise impacts on certain environmental matters, there is still likely to be a significant residual impact on one or more of those matters. You must verify the presence, whether temporary or permanent, of those environmental matters. For more information refer to the State Significant Impact Guideline at the Queensland Government website, at: www.qld.gov.au/environment/pollution/management/offsets/index.html.

Section 25 – Regional Interest Areas

Is the resource activity located anywhere within an area of regional interest?

- ☐ No – Go to next section.
☐ Yes – Provide details below.

If yes - Which area of regional interest, has or will require a regional interest development approval (RIDA)?

- ☐ Priority agricultural areas (PAAs)
☐ Priority living areas (PLAs)
☐ Strategic environmental areas (SEAs)
☐ Strategic cropping area (SCA)
☐ No RIDA required, I am an exempt activity.

If you have applied or been approved for a RIDA, provide the application reference:

Insert.

A regional interests development approval (RIDA) is required when a resource activity is proposed in an area of regional interest under the *Regional Planning Interests Act 2014*. Further information, including application forms, can be found on the Department of State Development, Infrastructure, Local Government and Planning website at www.statedevelopment.qld.gov.au.

Section 26 – Matters of National Environmental Significance

Would the carrying out of the proposed ERA, or where relevant the ERA project, be likely to have a significant impact on any matters of national environmental significance?

- ☐ No – Go to next section.
☐ Yes – Provide details below.

Are the impacts covered by transitional provisions for the *Environmental Protection and Biodiversity Conservation Act 1999* (EPBC Act)

- ☐ No – Provide details below
☐ Yes – Provide details in an attachment

Has the proposal been referred to the Federal Government Environment Minister or a delegate for formal assessment and approval?

- ☐ No – Go to next section.
☐ Yes – Provide details below.

If Yes - Has an approval issued under the 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 – Go to next section.
☐ Yes – Provide details below.

If Yes - Are there any matters of national environmental significance which are assessed under the EPBC Act which are the same, or substantially the same as any matters of national environmental significance, but that were not conditioned in the approval?

- ☐ No – Go to next section.
☐ Yes – Provide details below.

☐ I HAVE ATTACHED DETAILS OF MATTERS OF NATIONAL ENVIRONMENTAL SIGNIFICANCE INCLUDING ANY APPLICABLE TRANSITIONAL PROVISIONS.

☐ I HAVE ATTACHED A COPY OF THE EPBC ACT APPROVAL.

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There are currently nine matters of national environmental significance (MNES) which have been defined in the *Environmental Protection and Biodiversity Conservation Act 1999 (Cth)*. To determine whether the proposed ERA(s) will have a significant impact on MNES and for referral requirements, please refer to the guidance provided by the Federal Government's Department of Environment on www.australia.gov.au and www.environment.gov.au.

Section 27 – ANZSIC Code

Provide the ANZSIC code for the resource activity.

- | | |
|---|--|
| ☐ 1101 Black coal mining | ☐ 1313 Copper ore mining |
| ☐ 1102 Brown Coal Mining | ☐ 1314 Gold ore mining |
| ☐ 1311 Iron ore mining | ☐ 1315 Mineral sand mining |
| ☐ 1312 Bauxite mining | ☐ 1316 Nickel ore mining |
| ☐ 1317 Silver-lead-zinc ore mining | ☐ 1319 Metal ore mining (other metallic mineral ores) |
| ☐ 1200 Oil and gas extraction | |
| ☐ Other (provide details): Insert. | |

The Australian and New Zealand Industrial Classification (ANZSIC) is used by the Australian Bureau of Statistics. It is required to be displayed in the public register.

Section 28 – Environmental Impact Statement

Has a decision been made that an environmental impact statement (EIS) will be required for the proposed amendment activity?	☐ No – Provide details below ☐ Yes – Provide details below
---	---

☐ I HAVE ATTACHED THE DECISION.

Has an EIS process that includes the proposed amendment been completed?	☐ No – Go to next section. ☐ Yes – Provide details below.
---	--

If yes - Has the EIS assessment report lapsed under section 59A of the EP Act?	☐ No – Provide details below ☐ Yes – Go to next section
--	--

I have assessed the environmental risks of the proposed amendment and consider them to be:

- ☐ The same as was assessed in the EIS process.
☐ Different to what was assessed in the EIS process.

☐ I HAVE ATTACHED THE ASSESSMENT OF THE ENVIRONMENTAL RISKS OF THE PROPOSED AMENDMENT.

For further information refer to the guideline: Triggers for Environmental Impact Statements under the *Environmental Protection Act 1994* for mining, petroleum and gas activities. This guideline is available at www.qld.gov.au, using the search term 'triggers for environmental impact statements'.

Section 29 – Environmental Impact Statement Triggers *

Is the application to amend/alter an existing mine?	☐ No - Continue below ☐ Yes - Answer questions 1-6
---	---

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Is the application for petroleum and gas activities?	☐ No – Go to next section ☐ Yes – Answer questions 7-9
For proposals to amend/alter an existing mine	
1. Is the proposed amendment for an increase in the annual extraction of more than 100% or 5 million tonnes per year (whichever is the lesser)? <i>NOTE: Only answer this question if the current ERA project is for an existing mine extracting between 2–10 million tonnes per year of run of mine (ROM) ore or coal; otherwise select N/A.</i>	☐ Yes ☐ No ☐ N/A
2. Is the proposed amendment for an increase in annual extraction of more than 50% or 10 million tonnes per year (whichever is the lesser)? <i>NOTE: Only answer this question if the current ERA project is for an existing mine extracting over 10 million tonnes per year of ROM ore or coal; otherwise select N/A.</i>	☐ Yes ☐ No ☐ N/A
3. Is the proposed amendment for an increase in annual extraction of greater than 25%? <i>NOTE: Only answer this question if the current ERA project is for an existing mine extracting over 20 million tonnes per year of ROM ore or coal extraction; otherwise select N/A.</i>	☐ Yes ☐ No ☐ N/A
Would the proposed amendment involve an extension into and significant impact on a Category A or B environmentally sensitive area, which is not already authorised by the State?	☐ Yes ☐ No
Would the proposed amendment involve a substantial change in mining operations—such as from underground to open cut, or (for underground mining) a change in operations from one causing little subsidence to one likely to cause substantial subsidence?	☐ Yes ☐ No
Would the proposed amendment introduce a novel or unproven resource removal process, technology or activity?	☐ Yes ☐ No
For petroleum and gas activities	
Would the proposed amendment involve a total disturbance area of greater than 2,000 hectares at any one time during the life of the proposed project? This includes areas occupied by well pads (single or multi-directional), access tracks and roads, water storages, and process plants?	☐ Yes ☐ No
Would the proposed amendment involve the construction of a high pressure pipeline over a distance of 300 kilometres or greater?	☐ Yes ☐ No
Would the proposed amendment involve the construction of a liquefied natural gas plant?	☐ Yes ☐ No
☐ I HAVE ATTACHED DETAILS OF HOW THE CRITERION IS TRIGGERED INCLUDING DETAILS OF THE IMPACT.	
* EIS refers to both the EIS process under the <i>EP Act</i> and the EIS process under the <i>State Development and Public Works Organisation Act 1971</i>. * There are numerous criteria used to make the EIS decision, for further information about the EIS process is available at www.qld.gov.au, using the search term 'environmental impact statements'.	

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Section 30 – Waste

Attach a document that provides details of the proposed measures for minimising and managing waste generated by any amendment(s) to the relevant activity.

☐ I have attached a document that provides the required information; or

☐ If waste is to be managed according to an existing waste management plan, provide the name of the plan and the relevant page or section numbers below:

Insert.

Section 31 – Underground water rights

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

☐ No – Go to next section.

☐ Yes – Provide details below.

☐ I have attached a document that details:

- a) The areas in which underground water rights are proposed to be exercised;
- b) For each aquifer affected, or likely to be affected, by the exercise of underground water rights:
 - a. a description of the aquifer;
 - b. an analysis of the movement of underground water to and from the aquifer, including how the aquifer interacts with other aquifers and surface water and
 - c. a description of the area of the aquifer where the water level is predicted to decline because of the exercise of underground water rights; and
 - d. the predicted quantities of water to be taken or interfered with because of the exercise of underground water rights during the period in which resource activities are carried out.
- c) The environmental values that will, or may, be affected by the exercise of underground water rights and the nature and extent of the impacts on the environmental values;
- d) Any impacts on the quality of groundwater that will, or may happen because of the exercise of underground water rights during or after the period in which resource activities are carried out; and
- e) Strategies for avoiding, mitigating or managing the predicted impacts on the environmental values of the impacts on the quality of groundwater.

For more information about exercising underground water rights or the associated requirements refer to the guideline [Requirements for site-specific and amendment applications - underground water rights \(ESR/2016/3275\)](#)

Section 32 – Estimated Rehabilitation Cost (ERC)

Do you currently have estimated rehabilitation cost funds held as part of the approved environmental authority?

☐ No – Go to next section.

☐ Yes – Provide details below.

- ☐ I will not need to change the estimated rehabilitation cost in relation to this amendment.
- ☐ I will be applying for a new estimated rehabilitation cost decision if this amendment application is approved.

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Section 33 – Compliance and enforcement tools or site management plan

Is this land currently subject to an environmental enforcement order (EEO), environmental protection order (EPO), transitional environmental program (TEP) or a site management plan (SMP)?

- ☐ No – Go to next section.
- ☐ Yes (EEO) - provide details below.
- ☐ Yes (EPO) - provide details below.
- ☐ Yes (TEP) - provide details below.
- ☐ Yes (SMP) - provide details below.

PROVIDE THE REFERENCE NUMBER AND BRIEF DETAILS INCLUDING: DESCRIPTION OF LAND; LOT AND PLAN NUMBERS; AND LOCAL GOVERNMENT AREA.

Insert.

Section 34 – Environmental Management Register

Is any part of the land currently recorded in, or has previously been removed from, the environmental management register?

- ☐ No – Go to next section.
- ☐ Yes – Provide details below.

- ☐ The land is currently in the environmental management register.
- ☐ The land has been removed from the environmental management register.
You must attach evidence (e.g. Notice) advising that the details have been removed.

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Part 3—Declaration and payment of fees

All sections within Part 3 Declaration and payment of fees must be completed, regardless of the amendment application type.

Section 35 – Payment of fees

Application fee:	\$ \$379.90
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☒ Email the completed application with a request to pay the application fee by Bpoint. Please do not email your credit card details – we will send you a link to pay securely by credit card by Bpoint.

An application fee is payable at the time the application is made. Information on the fee can be located in the information sheet [Fees for permits for environmentally relevant activities \(ERAs\) \(ESR/2015/1721\)](#). Where the proposed amendment is determined by the administering authority to be a major amendment, an assessment fee of 30% of the annual fee for the authority at the time of application, is also payable. The assessment fee is payable once notification of the assessment level decision is issued. The assessment fee must be paid before the assessment of the amendment application can proceed.

The supplementary annual fee is payable where the amendment is approved and results in the aggregate environmental score (and hence the annual fee) for the EA increasing. The supplementary annual fee is a pro-rata adjustment to the annual fee for the period from when the amended EA takes effect to the next anniversary day for the EA. This is payable within 20 business days after the approval date. The supplementary annual fee can be calculated using the [Fee calculator \(ESR/2015/1731\)](#).

Section 36 – Declaration

Note: If you have not told the truth in this application you may be prosecuted.

I declare that:

- I am the holder of the environmental authority, or authorised signatory for the holder of the environmental authority.
- The information I have provided is true and correct to the best of my knowledge.
- I understand that under section 480 of the EP Act, it is an offence to give the administering authority or an authorised person a document that contains information that I know, or ought reasonably know, to be false or misleading in a material particular.
- I understand that under section 480A of the EP Act, if I am required to give a document to the administering authority, it is an offence to give a document that I know, or ought reasonably to know, contains incomplete information in a material particular.
- I understand that failure to provide sufficient information may result in the application being refused. I understand that an incomplete application may be invalid. Invalid applications will be returned without processing and will only be processed if resubmitted with all invalidating issues addressed.
- I understand that all information supplied on or with this application form may be disclosed publicly in accordance with the *Right to Information Act 2009* and the *Evidence Act 1977*.
- 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, I have indicated otherwise in my application and provided the required supporting information.
- If the proposed amendment is made I will continue to comply with all conditions of my environmental authority as well as any relevant provisions in the *Environmental Protection Act 1994*.
- If the proposed amendment is made I will comply with all conditions and milestones of my PRCP schedule as well as any relevant provisions in the *Environmental Protection Act 1994*.

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I understand that I am 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.		
Where an agreement is in place between all holders of the environmental authority, one holder can sign on behalf of the other joint holders. Please tick the checkbox below.		
☒ I HAVE AUTHORITY TO SIGN THIS FORM ON BEHALF OF ALL THE JOINT HOLDERS OF THE ENVIRONMENTAL AUTHORITY.		
Applicant's or authorised signatory's signature		
FULL NAME BHP Mitsubishi Alliance (BMA)	POSITION -	COMPANY / ORGANISATION BMA
SIGNATURE		DATE Select.
Joint holder(s) signature if applicable		
NAME, POSITION AND COMPANY NAME Insert.	SIGNATURE	DATE Select.
NAME, POSITION AND COMPANY NAME Insert.	SIGNATURE	DATE Select.
OR ☐ I HAVE ATTACHED A DOCUMENT THAT PROVIDES THE REQUIRED INFORMATION FOR ALL JOINT HOLDERS.		
Where the environmental authority holder is a company, this form must be signed by an authorised person for that company. Where there is more than one holder of the environmental authority, this declaration is to be signed by all holders, unless there is an agreement between all holders that one can sign on behalf of the other(s). If you are signing on behalf of the environmental authority holder(s) you must provide a letter of authorisation.		

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Submission and definitions

Submission

Please submit your completed application to:

Post Permit and Licence Management
Department of the Environment, Tourism, Science and Innovation
GPO Box 2454
BRISBANE QLD 4001

Enquiries Website: www.business.qld.gov.au
Phone: 1300 130 372 (Option 4)

Business Centre, Coal

Email: CRMining@detsi.qld.gov.au

Business Centre, Minerals

Email: ESCairns@detsi.qld.gov.au

Applications and enquiries should not be submitted to individual officers. The latest version of this publication can be found at [Application to amend an environmental authority \(ESR/2015/1733\)](#).

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Definitions of terms used in this form

(Where there is inconsistency between the definition of terms used here and the terms used in the EP Act, the terms in the EP Act apply)

Available for improvement	In relation to land in an improvement area, means land in the area is not being mined, other than land to which any of the following applies— (a) the land is being used for operating infrastructure or machinery for mining, including, for example, a dam or water storage facility; (b) the land is identified in the PRCP schedule or the application for an environmental authority relating to the schedule as containing a probable or proved ore reserve that is to be mined within 10 years after the land would otherwise have become available for improvement; (c) the land is required for the mining of a probable or proved reserve mentioned in paragraph (b).
Available for rehabilitation	For a rehabilitation area, means land in the area is not being mined, unless— (a) the land is being used for operating infrastructure or machinery for mining, including, for example, a dam or water storage facility; or (b) the land is identified in the PRCP schedule or the application for an EA relating to the schedule as containing a probable or proved ore reserve, under section 126D(6) of the EP Act, that is to be mined within 10 years after the land would otherwise have become available for rehabilitation; or (ba) the land is required for the mining of a probable or proved reserve mentioned in paragraph b); or (c) the land contains permanent infrastructure identified in the proposed PRCP schedule as remaining on the land for a post-mining land use.
Eligibility criteria	For an environmentally relevant activity, means eligibility criteria that are in effect for the activity under – (a) An ERA standard; or (b) A code of environmental compliance; or (c) A regulation in respect of a mining activity.
Environmentally relevant activity (ERA)	A resource activity or a prescribed ERA.
ERA Project	A prescribed ERA project or a resource project.
ERA Standard	For an environmentally relevant activity, means the eligibility criteria and/ or the standard conditions set by the administering authority.

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Improvement area	For a non-use management area, means an area of land in the non-use management area to which a management milestone relates.
Land outcome document	For land, means the following documents relating to the land– (a) an environmental authority for a resource activity on the land; (b) a document made under a condition of an environmental authority mentioned in paragraph (a), if– (i) the document relates to the management of a void within the meaning of section 126D of the EP Act on the land, or the rehabilitation of the land; and (ii) the document was received by the administering authority before the assent date; and (iii) the administering authority has not, within 20 business days after the assent date, given notice to the environmental authority holder that the document is insufficient in a material particular relevant to a matter mentioned in subparagraph (i); and (iv) before the assent date, the document has not been superseded; (c) a document made under a condition of an environmental authority mentioned in paragraph (a), if– (i) the document relates to the management of a void within the meaning of section 126D of the EP Act on the land, or the rehabilitation of the land; and (ii) the environmental authority requires the document to be given to the administering authority on a stated day that is on or after the assent date, or does not state a day when the document must be given; and (iii) the document is received by the administering authority within three years after the assent date; and (iv) the administering authority does not, within 20 business days after receiving the document, give the environmental authority holder a notice that the document is insufficient in a material particular relevant to a matter in subparagraph (i); (d) a report evaluating an EIS under the <i>State Development and Public Works Organisation Act 1971</i>, section 34D; (e) an EIS assessment report; (f) a written agreement between the holder of an environmental authority mentioned in paragraph (a) and the State that is in force on the assent date
Major amendment	For an environmental authority or PRCP schedule, means an amendment that is not a minor amendment.
Management milestone	For a non-use management area, means each significant event or step necessary to– (a) achieve best practice management of the area; and (b) minimise risks to the environment.

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Minor amendment	For an environmental authority or PRCP schedule, means an amendment that is – (a) for an environmental authority – (i) a condition conversion; or (ii) a minor amendment (threshold); or (b) for a PRCP schedule – a minor amendment (PRCP threshold).
Minor amendment (PRCP threshold)	For a PRCP schedule, means an amendment that – (a) does not change a post-mining land use or non-use management area; or (b) does not affect whether a stable condition will be achieved for land under the schedule; or (c) does not change the way a post-mining land use will be achieved, or a non-use management area will be managed, in a way likely to result in significantly different impact on environmental values compared to the impacts on the values under the schedule before the change; or (d) does not relate to a new mining tenure for the schedule; or (e) does not change when a rehabilitation milestone or management milestone will be achieved by more than 5 years after the time stated in the schedule when it was first approved; or (f) does not extend the day by which rehabilitation of land to a stable condition will be achieved.
Minor amendment (threshold)	For an environmental authority, means an amendment that the administering authority is satisfied— (a) is not a change to a condition identified in the authority as a standard condition, other than— (i) a change that is a condition conversion; or (ii) a change that is not a condition conversion but that replaces a standard condition of the authority with a standard condition for the environmentally relevant activity to which the authority relates; or (iii) a change that will not result in a change to the impact of the relevant activity on an environmental value; and (b) does not significantly increase the level of environmental harm caused by the relevant activity; and (c) does not change any rehabilitation objectives stated in the authority in a way likely to result in significantly different impacts on environmental values than the impacts previously permitted under the authority; and

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	(d) does not significantly increase the scale or intensity of the relevant activity; and (e) does not relate to a new relevant resource tenure for the authority that is— (i) a new mining lease; or (ii) a new petroleum lease; or (iii) a new geothermal lease under the Geothermal Energy Act; or (iv) a new GHG injection and storage lease under the GHG storage Act; and (f) involves an addition to the surface area for the relevant activity of no more than 10% of the existing area; and (g) for an environmental authority for a petroleum activity— (i) if the amendment involves constructing a new pipeline— the new pipeline does not exceed 150km; and (ii) if the amendment involves extending an existing pipeline—the extension does not exceed 10% of the existing length of the pipeline; and (h) if the amendment relates to a new relevant resource tenure for the authority that is an exploration permit or GHG permit—the amendment application under section 224 seeks an amended environmental authority that is subject to the standard conditions for the relevant activity or authority, to the extent it relates to the permit.
Non-use management area	Means an area of land the subject of a PRC plan that cannot be rehabilitated to a stable condition after all relevant activities for the PRC plan carried out on the land have ended.
Post-mining land use	For land the subject of a PRC plan, means the purpose for which the land will be used after all relevant activities for the PRC plan carried out on the land have ended.
PRC plan	For land the subject of a mining lease, means a progressive rehabilitation and closure plan for the land that consists of – (a) the rehabilitation planning part of the PRC plan; and (b) the PRCP schedule for the PRC plan, including any conditions imposed on the schedule.
PRCP schedule	For a PRC plan, means a schedule of the plan that – (a) complies with section 126D of the EP Act; and (b) is approved under chapter 5, part 5, division 2 of the EP Act, with or without conditions.

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Prescribed ERA	An environmentally relevant activity that is not a resource activity and is prescribed under section 19 of the EP Act.
Prescribed ERA project	All prescribed ERAs carried out, or proposed to be carried out, as a single integrated operation.
Registered suitable operator	A person who, or a corporation which, under section 318I of the EP Act has been assessed as being suitable to carry out an ERA and has been listed on the suitable operator register.
Rehabilitation area	For land the subject of a post-mining land use, means an area of the land to which a rehabilitation milestone for the post-mining land use relates.
Rehabilitation milestone	For the rehabilitation of land, means each significant event or step necessary to rehabilitate the land to a stable condition.
Resource activity	An activity that is any of the following: (a) a geothermal activity (b) a greenhouse gas (GHG) storage activity (c) a mining activity (d) a petroleum activity.
Resource project	Resource activities carried out, or proposed to be carried out, under 1 or more resource tenures, in any combination, as a single integrated operation.
Single integrated operation	Occurs when all of the below criteria are met: (a) the activities are carried out under the day-to-day management of a single responsible individual, for example, a site or operations manager; (b) the activities are operationally interrelated; (c) the activities are, or will be, carried out at one or more places; and (d) the places where the activities are carried out are separated by distances short enough to make feasible the integrated day-to-day management of the activities.
Underground water rights	Means any of the following: (a) underground water rights within the meaning of the <i>Mineral Resources Act 1989</i> ; (b) underground water rights within the meaning of the <i>Petroleum and Gas (Production and Safety) Act 2004</i> ; (c) underground water rights within the meaning of the <i>Petroleum Act 1923, section 87(3)</i> .

Attachment 1—Spatial data requirements for PRC plan

Attachment 1 provides guidance on the required content of spatial information (shapefiles) for the submission of a proposed amendment to a PRCP schedule. Spatial information is only required to be submitted with an amendment application where the application proposes to amend the final site design of the current approved PRCP schedule. This attachment should be read in conjunction with the department's [Guideline - Spatial Information Submission \(ESR/2018/4337\)](#). The following sections provide information about the required fields and attributes for datasets.

Required files—Table 1

If the application proposes to amend the final site design of the current approved PRCP schedule, you must submit shapefiles detailing the following in relation to the proposed amendment:

- the location and maximum extent of disturbance footprint for the mine life
- the PMLU and NUMAs for the area within the resource tenure(s)
- the rehabilitation and improvement areas within the resource tenure(s)
- any sensitive receptors
- extent of a floodplain
- existing rehabilitation.

A minimum of one (1) shapefile must be submitted for a PRC plan, detailing all the above-listed information, as outlined within Table 1. Each file must be named in accordance with the requirements outlined within the department's [Guideline - Spatial Information Submission \(ESR/2018/4337\)](#).

A spreadsheet containing the schema (in Table 2) and a shapefile template for PCR plan are available on the department's website at <http://www.detsi.qld.gov.au/>, using the search term "submission of spatial information".

Table 1: Shapefile checklist

File	Spatial information requirement	Schema	Example file name (e.g. using submission date of 30 June 2020)
1	PRC plan - polygon	Table 2	EPPR00372556_PRCP_PY_30062020.zip

Where:

PY = polygon (geometry)

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Table 2: Schema for PCR plan

Field Name	Type	Length	Definition	Domain Values ¹	Domain Value Description	Mandatory/ Optional
PERMIT_REF	TEXT	50	The alpha-numeric environmental authority number relevant to the spatial information (if this PRC plan does not relate to an existing EA, please provide the relevant application number instead).			Mandatory
PROCESS	TEXT	4	The relevant process spatial data is being submitted for	PRCP	Progressive rehabilitation and closure plan	Mandatory
SITE_NAME	TEXT	254	Site name relating to the environmental authority.			Mandatory
SITE_ID	TEXT	20	This field contains a unique identifier for the spatial feature, which has been generated by the applicant.			Mandatory
FEATURE	TEXT	10	This field contains the land use feature on site which this polygon or point is describing. Select the relevant option of either post-mining land use, rehabilitation area, non-use management area, improvement area, maximum disturbance footprint, sensitive receptor, existing rehabilitation or floodplain using the codes specified.	PMLU	Post-mining land use	Mandatory
				REHAB_AREA	Rehabilitation area	Mandatory
				NUMA	Non-use management area	Mandatory if the PRC plan schedule proposes or changes a non-use management area
				IMPRV_AREA	Improvement area	Mandatory if the PRC plan schedule proposes or changes a non-use management area
				FOOTPRINT	Maximum disturbance footprint over mine life	Mandatory

¹ If blank, populate based on Attribute type & definition

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				SR	Sensitive receptor	Mandatory
				EX_REH	Existing rehabilitation	Mandatory if the application is for an existing EA and there is existing rehabilitation undertaken
				FLDP	Floodplain	Mandatory if there is a floodplain located within the EA boundary
FEAT_DESC	TEXT	254	Feature description		This field provides a description of the feature identified in 'FEATURE'.	Mandatory
PMLU_TYPE	TEXT	10	This field provides a description of the post mining land use type. If PMLU_TYPE is 'Other' additional information in the comments field is required.	GRAZ	Grazing	Mandatory for each PMLU.
				NAT_ECO	Native ecosystem	
				WTR_ST	Water storage	
				REC	Recreation	
				HB_ECS	Habitat and ecosystem services	
				AGRI	Agriculture	
				FOR	Forestry	
				CROP	Cropping	
				PERM_INFRA	Permanent infrastructure	
				IND	Industrial	
				LNDFL	Landfill	
				Oth	Other	
DATE_SUBMT	DATE	dd/mm/yyyy	Date of submission. This field identifies the date the spatial information was submitted.		Date of submission	Mandatory

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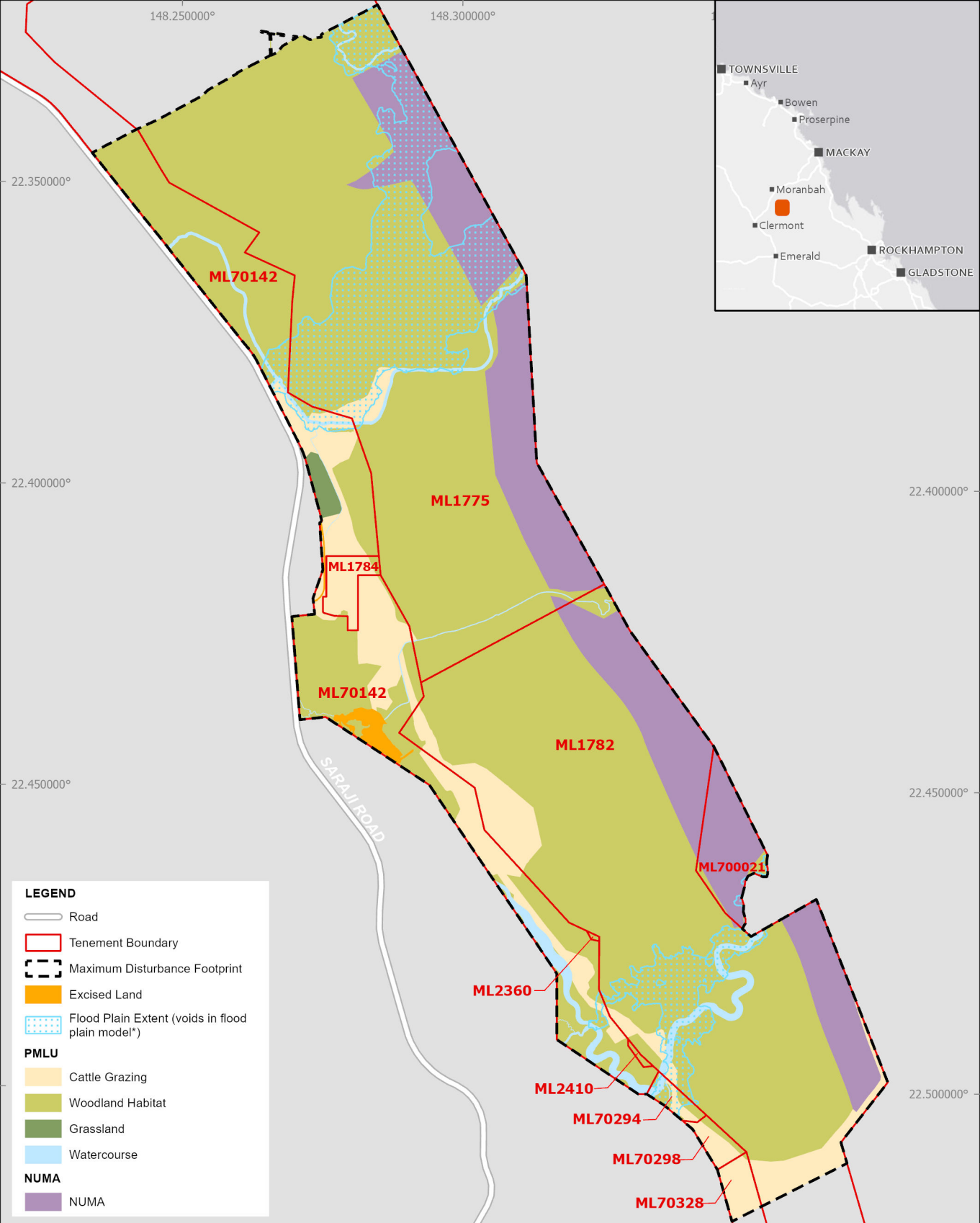
SOURCE	TEXT	5	This field identifies the source of the spatial information and the capture methodology for the spatial information provided.	DIG	Digitising (Tracing over Ortho Imagery)	Mandatory
				GPSD	GPS Differential Survey	
				GPSND	GPS Non Differential Survey	
				RTK	Real-Time Kinematic (RTK) Survey	
				UK	Unknown	
AREA_HA	DOUBLE	N/A	This field indicates the area in Hectares. (Polygon only)			Mandatory if GEOMETRY = polygon.
COMMENTS	TEXT	254	A free text field has been provided to include any additional information the proponent wishes to provide in relation to the data.			Mandatory if PMLU_TYPE = Oth

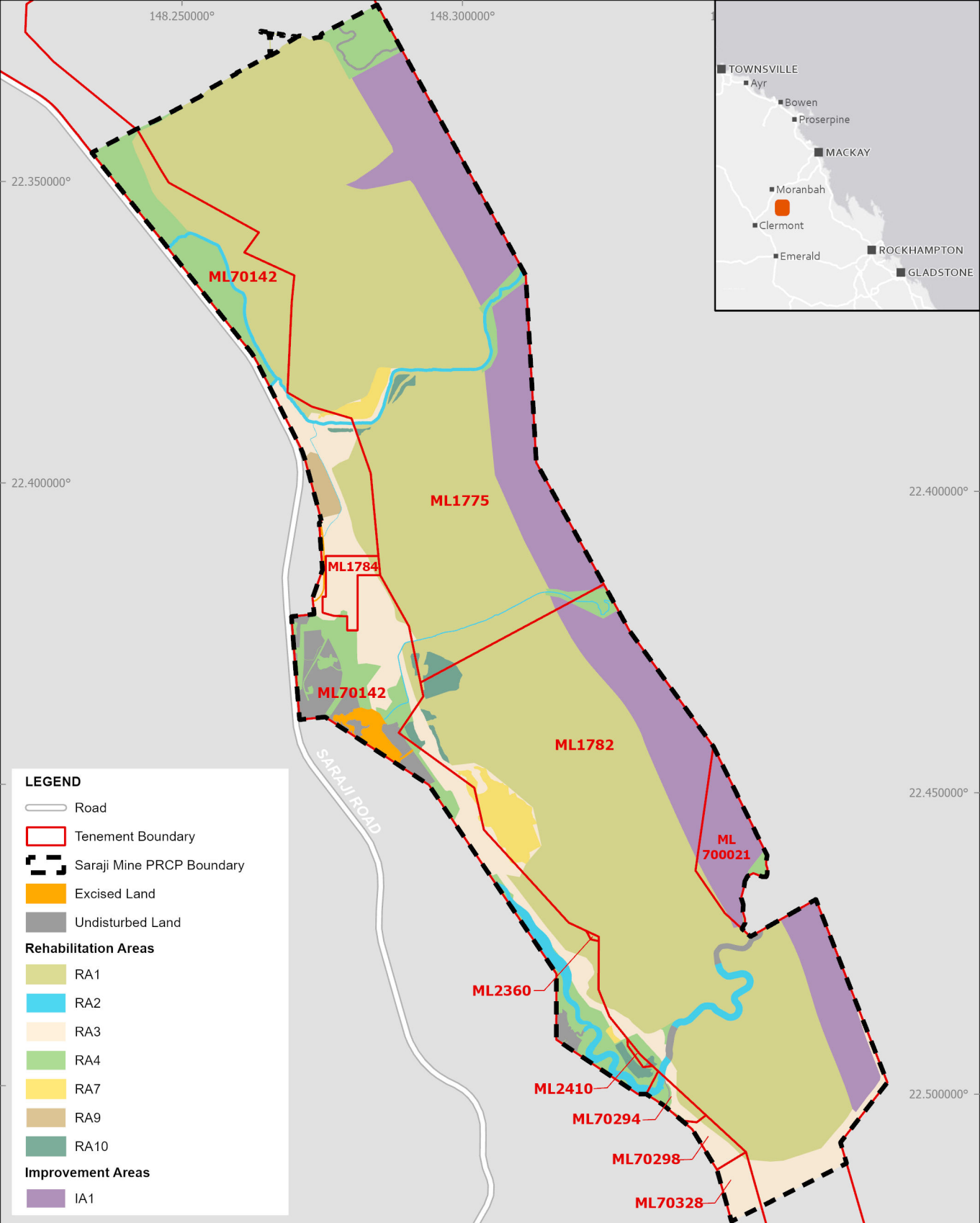
Saraji Mine PRCP Risk Assessment

Risk Event	Scenario #	Scenario	Causes	Impact Description	Highest MFL Level	Mitigating Controls	Highest Impact	Preventative Controls	Likelihood Basis (chance of the risk occurring at impact level - used in the calculation of the RRR, taking into account the effectiveness of preventative controls)	Likelihood	Likelihood Factor	RRR
Stable condition for land described as a post-mining land use (cattle grazing, grassland, woodland habitat, watercourse) is not achieved	PMLU 1	Landform failure	1. Erosional instability 2. Geotechnical instability 3. Incorrect geotechnical assessment 4. Differential settlement (spoil and backfilled dams) 5. Insufficient materials to achieve design (rock, growth media) 6. Unsuitable materials used on final landform surface 7. Flooding 8. Not achieving design 9. Selection of inappropriate PMLU	- Erosion - Growth media loss - Failure of vegetation - Slumping and settlement - Mass movement of landform	4	- Monitoring of landform stability and rehabilitation success to be undertaken post rehabilitation - Identify requirements for rectification works - Complete maintenance	2	- Ongoing materials characterisation - Selective handling of materials for placement - Review the topsoil and rock material balance periodically during operations to ensure sufficient volumes for the rehabilitation needs - No permanent berms or water management on slopes - Landform surrounding the spoil dumps and voids to be reshaped to be free-draining where required to prevent impacts - Groundcover including vegetation to provide erosion resistance - Compliance to plan - Sufficient spoil capping depths over tailings materials - Growth media and spoil assessment by Appropriately Qualified Person (APQ) to determine ameliorant and fertiliser requirements	With all controls in place, including ongoing monitoring and maintenance, landform failure on a large scale is unlikely	Unlikely	0.1	3
Stable condition for land described as a post-mining land use (cattle grazing, grassland, woodland habitat, watercourse) is not achieved	PMLU 2	Alteration of hydrogeological conditions	1. Release of contaminants to groundwater 2. Change in groundwater flow, recharge and/or discharge characteristics resulting in changes to the hydrogeological system 3. Drawdown of groundwater due to void lakes acting as a sink due to losses associated with evaporation	- Groundwater chemistry altered rendering it not suitable for extraction and/or to support PMLU - Groundwater quality not supporting the establishment/maintenance of Environmental Values and Water Quality Objectives for the basins in which the site is located - AMD, NDM, SD reporting to shallow and deep groundwater systems - Reduction of groundwater height within surrounding extraction bores - Degradation of terrestrial and aquatic groundwater dependant ecosystems (GDEs)	3	- Assessment and remediation of impacted material, where appropriate - Development and approval of a Site Management Plan to assist with ongoing management and restriction to future land use activities where appropriate - Implementation of management controls and monitoring programs outlined in an approved Site Management Plan - Re-establishment of impacted ecosystems - Decommissioning of impacted supply bores and re-instatement in suitable location	2	- All imported hazardous materials are to be stored and used in in accordance with relevant standards and removed from site on completion of mining - At the completion of operations, all stored hazardous materials and infrastructure within the MIA and CHPP, that have the potential to release contaminants to groundwater, will be removed from site - Contaminated land investigation to be undertaken at the completion of operations to identify contamination that has the potential to cause impacts to groundwater - Implementation of remediation and/or management plans as required to reduce potential groundwater impact risks - Mine affected water dams to be decommissioned (including investigation for potential contamination and groundwater impacts). - Groundwater monitoring to be undertaken in accordance with EA/PRCP conditions - Residual void catchments to be designed and created to establish sinks that provide for the collection of seepage from former operational areas, tailing storage facilities and spoil dumps - Appropriate management, placement, and monitoring of waste (spoil, tailings, rejects) during operations - Landforms constructed to minimise the potential for flooding of the residual voids - Modelling of groundwater and fate and transport to understand the impacts associated with landforms/activities	With all controls in place, including ongoing monitoring and maintenance, failure to attain a stable condition for land described as the post-mining land use is highly unlikely due to alternation of hydrogeological conditions	Highly Unlikely	0.03	0.9
Stable condition for land described as a post-mining land use (cattle grazing, grassland, woodland habitat, watercourse) is not achieved	PMLU 3	Alteration of surface water systems	1. Release of contaminants to surface water resources 2. Changes to alignments and ecosystems of drainage lines and creek 3. Changes to hydraulic flows 4. Changes to flood patterns/distribution 5. Alteration of surface water infiltration rates 6. Surface water flows over unvegetated/disturbed soils where revegetation has not re-established 7. Overland discharges from neighbouring landforms and rehabilitated areas 8. Creeks and drainage lines not attaining successful rehabilitated state	- Surface water chemistry altered rendering it not suitable for PMLU - AMD, NDM, SD reporting to surface water - Degradation of ecosystems and land uses connected to surface water flows and floodplains on and down gradient of the mine - Sedimentation of downstream surface water drainage lines resulting in changes to their hydraulic properties and impacting ecosystems - Surface water quality not supporting the establishment/maintenance of Environmental Values and Water Quality Objectives for the basins in which the mine is located - Accelerated erosion rates from surface water flows in disturbed areas and degraded ecosystems - Reduction in rehabilitation success rates due to reduced surface water quality - Alteration of soil properties associated with contaminants carried by surface waters, including erodibility and geotechnical qualities	3	- Surface water monitoring data to be collected in accordance with the EA. If impacts are identified, further investigations will be undertaken to determine appropriate remedial measures - Any loss of hazardous contaminants that cause contaminated land/environmental harm will be reported and investigated/remediated as appropriate - Remedial works will be undertaken where releases from site result in impacts to surface waters, which may include alteration of the landforms, implementation of a Site Management Plan, implementation of additional controls/measures that reduce the potential for surface water impacts and/or re-establishment of impacted ecosystems where appropriate - Rehabilitated landforms that do not attain a stable state to be repaired and revegetated	2	- All imported hazardous materials to be stored and used in accordance with relevant standards and removed from site on completion of operations - Mine affected water dams to be decommissioned and areas rehabilitated - Surface water monitoring to be undertaken in accordance with EA conditions - Monitoring of surrounding ecosystems will be undertaken in accordance with EA conditions - A contaminated land investigation will be undertaken at the completion of operations and remediation works undertaken as appropriate - Rehabilitation of disturbed areas will be undertaken as soon as possible after land becomes available - Rehabilitation and monitoring of disturbed reaches of creeks undertaken - Appropriate management, placement, and monitoring of waste (spoil, tailings, rejects) during operations - Landforms constructed to minimise the potential for flooding of the residual voids	With all controls in place, including ongoing monitoring and maintenance, failure to attain a stable condition for land described as the post-mining land use is unlikely due to alternation of surface water conditions	Unlikely	0.1	3
Stable condition for land described as a post-mining land use (cattle grazing, grassland, woodland habitat, watercourse) is not achieved	PMLU 4	Watercourse diversion not achieving closure objectives	1. Hydrologic characteristics of surface water and groundwater systems not representative of natural reaches 2. Hydraulic characteristics not representative of natural reaches 3. Geomorphic instability (bank erosion) 4. Seepage to/from residual voids impacting on stability 5. Sediment transport regime is not in equilibrium with and/or representative of the natural reaches 6. Poor riparian vegetation diversity and cover 7. High percentage of weeds/ invasive species 8. Poor water quality from runoff from surrounding landforms and rehabilitated areas 9. Failure of landforms impacting the performance of the diversion	- Sediment regime impacts within diversion and downstream reaches resulting in changes to hydraulic properties - Surface water chemistry altered rendering it not suitable for PMLU - Degradation of downstream ecosystems and land uses connected to surface water flows and floodplains - Surface water quality not supporting the establishment/maintenance of Environmental Values and Water Quality Objectives for the basins in which the mine is located - accelerated rates of erosion and instability within diversion embankments and surrounding the diversion causing landform instability, damage to rehabilitation areas and alteration of diversion hydraulics - Changes to environmental flows and flood regimes impacting on surrounding land users and environmental receptors	4	- Surface water monitoring data to be collected. If impacts are identified, further investigations will be undertaken to determine appropriate remedial measures - Rehabilitated landforms that do not attain a stable state to be investigated, repaired, revegetated and/or redesigned	2	- Creek diversion monitoring to relevant IDC standard and maintenance during the operational phase - Diversion remediation designs in accordance with the DNRME 2019 hydraulic design criteria for permanent diversions - Growth media and spoil assessment to determine ameliorant and fertiliser requirements - Revegetation species aligned to growth media, landforms and PMLU - Mine infrastructure that interacts with the creek diversions during operations will be removed prior to closure (e.g. culverts) - Rehabilitation of surrounding landforms	With all controls in place, including ongoing monitoring and maintenance, inability of watercourses to meet closure objectives is unlikely as realignment of the watercourses is proposed	Unlikely	0.1	3
Stable condition for land described as a post-mining land use (cattle grazing, grassland, woodland habitat, watercourse) is not achieved	PMLU 5	Contaminated land impacting on environmental receptors, rehabilitation and attainment of PMLUs	1. Discharges and accumulation of hazardous contaminants (including emerging contaminants) from operational activities 2. Licensed activities such as disposal of tailing, rejects, general and other wastes	- Contaminants present within soil or water that present an unacceptable risk to the receiving environment or PMLU - Alteration of soil chemistry that impacts on structural characteristics - Contaminants reducing the soil suitability for rehabilitation species	4	- Investigate and remediate contamination incidents - Implement a Site Management Plan to manage impacts, where required - Removal of primary or secondary sources - Restrict site usage - Undertake ongoing monitoring to manage contaminated land risks	3	- Cleaning up of spills upon identification - Remediation or management of residual risk - Contaminated land investigation to be undertaken during operations and at closure and areas of contamination remediated and/or managed as appropriate - Ongoing surface water and groundwater monitoring providing an earlier indication of contamination - Management of operational activities to limit any potential contamination	The contaminated land investigation and remediation/management works will aim to render the site suitable for the intended PMLUs and reduce the potential for any environmental harm. With operational sources of hazardous materials removed from site, tailings facilities covered and contained, the likelihood of contaminated land impacts preventing attainment of closure criteria is possible	Possible	0.3	30

Risk Event	Scenario #	Scenario	Causes	Impact Description	Highest MFL Level	Mitigating Controls	Highest Impact	Preventative Controls	Likelihood Basis (chance of the risk occurring at impact level - used in the calculation of the RRR, taking into account the effectiveness of preventative controls)	Likelihood	Likelihood Factor	RRR
Stable condition for land described as a post-mining land use (cattle grazing, grassland, woodland habitat, watercourse) is not achieved	PMLU 6	Flooding influences on rehabilitation and final landforms	1. Water inundation of landforms 2. Saturation of materials within landforms 3. Velocities of floodwaters on rehabilitated landforms 4. Inaccurate modelling	- Reduction in geotechnical stability of landforms causing failure of the landforms - Erosion of landforms due to increased velocities of flood waters - Activation of dispersive materials resulting in accelerated erosion and sedimentation - Mobilisation of any contaminants contained within the landforms and impacts to downstream water and groundwater quality - Alteration of terrestrial ecology through introduction of weeds, sedimentation, or damage to rehabilitation species not able to withstand flooding - Introduction of weeds and impacts to rehabilitation vegetation establishment - Loss of flood waters/environmental flows to residual voids	3	- Assessment of landform failure and required rectification works upon safe access to site immediately after the flood event. Assessment to include identification of measures that would limit potential for ongoing impacts - Re-engineering of landforms to mitigate future failures followed by re-construction of landforms, and rehabilitation works - Assessment of downstream impacts and undertake remediation/rehabilitation as required to re-establish drainage line hydraulics and ecosystems in liaison with the administering authority - Monitoring of landform stability and rehabilitation success to be undertaken	1	- Removal of infrastructure from watercourses, decommissioning of dams and remediation of contaminated material where required - Design of landforms within flood extents that are stable and able to withstand flooding and water velocities - Establishment of vegetation suitable for the environment and reduces erosion risks	Preventative controls include returning rehabilitated landforms to a condition that is consistent with the pre-operational setting and will not include dams, voids or other structures that have a higher potential of failure during flood events. Therefore, the likelihood of the impacts associated with landform and rehabilitation failures due to flooding, is highly unlikely and not expected to occur within a 50 year period	Highly Unlikely	0.03	0.3
Stable condition for land described as a post-mining land use (cattle grazing, grassland, woodland habitat, watercourse) is not achieved	PMLU 7	Rehabilitated landforms result in alteration of flood hydrology upstream and downstream	1. Changes to drainage network hydraulics 2. Artificial landforms reducing or increasing flood extent and changing velocities/flows 3. Changes to vegetation cover and soil type which alter runoff and infiltration rates	- Increasing/decreasing of flood extents, frequency and severity - Degradation of ecosystems due to altered flows, flood extent, duration or frequency - Infrastructure damage - Health and safety risks to on-site and off-site land users associated with increased flood heights, velocities and frequency	2	- Due to the off-site nature of the impacts, which occur during significant flood events, available mitigating controls at the time of the impact are limited due to safety and accessibility restrictions. After flooding has receded, landform design and alteration could be undertaken to reduce possible future events	1	- Removal of infrastructure that would adversely interfere with stream hydraulics (culverts) and decommissioning of dams - Establishment of landforms that are stable and provide appropriate level of flood protection to the residual voids - Undertake monitoring and maintenance works where required to maintain landforms	With preventative controls implemented, identified impacts associated with alteration of flood hydrology are highly unlikely and not expected to occur within a 50 year period	Highly Unlikely	0.03	0.3
Stable condition for land described as a post-mining land use (cattle grazing, grassland, woodland habitat, watercourse) is not achieved	PMLU 8	Insufficient or inappropriate growth media and rock resources required for rehabilitation activities	1. Insufficient growth media and rock quantities of suitable quality 2. Unstable material (erosive, dispersive, saline materials) 3. Weed infestation (soil is already infested with weed seeds) 4. Insufficient placement depth and surface treatment 5. Incorrect soil and rock characterisation and amelioration 6. Inappropriate topsoil and rock stockpiling and management	- Erosion - Growth media loss - Topsoil deficit - Failure of vegetation (poor vegetation growth or incorrect vegetation affecting PMLU)	3	- Monitoring of rehabilitation success to confirm stability and identify requirements for rectification works - Repair erosion areas, retest growth media and revegetate	2	- Topsoil surveys and mapping - Review the topsoil, growth media and rock resource quantities periodically during operations to ensure sufficient volumes for the rehabilitation needs - Undertake rehabilitation planning and preparation in accordance with the requirements for growth media, rock, seed and management for the PMLU - Management of topsoil and rock stockpiles and application during rehabilitation. - Growth media assessment to determine use of ameliorant and fertiliser requirements - Amelioration and fertiliser applied as per assessment - Selective handling of materials for placement - Compliance to plan	With all controls in place, including ongoing monitoring and maintenance, insufficient or inappropriate growth media and rock for use on rehabilitation is unlikely	Unlikely	0.1	3
Stable condition for land described as a post-mining land use (cattle grazing, grassland, woodland habitat, watercourse) is not achieved	PMLU 9	Insufficient management of mineral waste	1. Poor material characterisation 2. Geochemistry not correctly defined for materials stored in permanent landforms (i.e. tailings, rejects, spoil) leading to an incorrect assessment of their potential for AMD and salinity generation and transport 3. Inappropriate placement of adverse material 4. Poor landform execution 5. Inappropriate mineral waste management strategy 6. Generation and release of AMD/SD/NMD from coal processing waste and / or coal during operation accumulating in groundwater, surface water, soils	- Release of contaminants to surface water and groundwater from rehabilitated landforms - Vegetation failure - Water cannot be used by end user (human and ecosystem)	4	- Monitoring of rehabilitation success to confirm stability and identify requirements for rectification works - Maintenance and rectification works undertaken - NUMAs are acting as sinks for groundwater therefore capturing potential AMD / salinity impacted seepage from TSF/spoil piles/reject stockpiles - Spoil materials have excess buffering capacity (i.e. acid neutralising capacity in excess of acid generating capacity)	1	- Material characterisation (outcomes stored in GeoBank) in line with BHP Materials Management Standard - Remove and/or cover undesirable materials - Ongoing sampling of tailings and rejects from processing plant - Ongoing sampling of overburden / Interburden - Appropriate material placement and selective handling during operations - Appropriate water quality monitoring for surface and groundwater to enable tracking of processes affecting water quality during operation and into closure - Undertaking appropriate fate and transport modelling during operations, pending of risk profile of landform	With all controls in place, including ongoing monitoring and maintenance, insufficient management of waste characterisation is unlikely	Unlikely	0.1	1
Stable condition for land described as a post-mining land use (cattle grazing, grassland, woodland habitat, watercourse) is not achieved	PMLU 10	Failure of, or inappropriate cover	1. Poor material characterisation 2. Geochemistry not correctly defined for materials stored in permanent landforms (i.e. tailings, rejects, spoil) leading to an incorrect assessment of their potential for AMD and salinity generation and transport 3. Erosional instability 4. Geotechnical instability 5. Insufficient materials to achieve cover 6. Unsuitable materials used for cover 7. Livestock impact stability of cover	- Release of contaminants to surface and/or groundwater from rehabilitated landforms. - Poor vegetation establishment - Erosion - Failure or collapse of structure, including cover	4	- Surface water and groundwater monitoring data to be collected in accordance with the EA. If impacts are identified, further investigations will be undertaken to determine appropriate remedial measures - Rehabilitation monitoring and identification of maintenance - Complete maintenance	2	- Material characterisation during operations - Ongoing sampling of tailings and rejects from processing plant - Tailings and rejects material appropriately disposed on-site - Tailings capped with at least 2m of competent benign spoil - Cover to be a free draining landform - Restrict livestock from areas with a cover	With all controls in place, including ongoing monitoring and maintenance, failure of cover is unlikely	Unlikely	0.1	3
Stable condition for land described as a post-mining land use (cattle grazing, grassland, woodland habitat, watercourse) is not achieved	PMLU 11	Inadequate and/or inappropriate revegetation	1. Unfavourable climatic conditions and/or weather events 2. Incorrect species mix 3. Poor seed quality 4. Weed contaminated seed 5. Poor quality growth media or seed bed preparation 6. Erosion 7. Land contaminants	- Exposed soils due to poor vegetation establishment and growth, resulting in enhanced erosion rates. - Increased weed establishment and growth. - Reduction in land capability of PMLU (woodland habitat and/or grazing) - Need for ongoing corrective action - soil sampling and analysis, amelioration and re-vegetation	3	- Monitoring of rehabilitation success to confirm stability and identify requirements for rectification works - Rectification works undertaken e.g. repair erosion areas, retest materials, review seed mix and revegetate	1	- Growth media and spoil assessment to determine ameliorant and fertiliser requirements - Management of seed selection, provenance and quality - Plant at optimal time of year - Revegetation species aligned to growth media, landforms and PMLU	With all controls in place, including revegetating with species aligned to growth media, landforms and PMLUs, as well as monitoring and maintenance activities, total failure of revegetation is unlikely	Unlikely	0.1	1
Stable condition for land described as a post-mining land use (cattle grazing, grassland, woodland habitat, watercourse) is not achieved	PMLU 12	Deterioration of built infrastructure conditions	1. Potential soil contamination around mine industrial areas 2. Insufficient maintenance of infrastructure	- Reduced soil fertility to support PMLU land capability - Potential contamination of surface water runoff affecting integrity of local catchments	3	- Undertake a preliminary contaminated land assessment prior to the completion of the approved activities, identify if any areas require a further Detailed Site Investigation and remediation plan developed if required - Conduct ongoing maintenance	1	- Clean up and remediate contamination during operational period - Undertake contaminated land assessment and remediation/management where required post mining	With all controls in place, including ongoing monitoring and maintenance, deterioration of built infrastructure is unlikely	Unlikely	0.1	1

Risk Event	Scenario #	Scenario	Causes	Impact Description	Highest MFL Level	Mitigating Controls	Highest Impact	Preventative Controls	Likelihood Basis (chance of the risk occurring at impact level - used in the calculation of the RRR, taking into account the effectiveness of preventative controls)	Likelihood	Likelihood Factor	RRR
NUMA causes environmental harm off tenure and is not safe and structurally stable	NUMA 1	Residual void walls do not achieve geotechnical stability	1. Geotechnical instability 2. Geochemical instability 3. Increase/decrease in predicted void water levels 4. Incorrect geotechnical assessment	- Failure of void walls leads to instability beyond NUMA extent	4	- Geotechnical monitoring - Identify requirements for rectification works	1	- Geotechnical assessment and final void wall design - Pit floor treatments as required during operations to improve low-wall stability - Geotechnical monitoring during operations. - Updated geotechnical assessment to be completed as mining approaches final limits and wall design and NUMA extent adjusted if required - NUMA extents designed to include the required factor of safety (FoS) limit - Bunding or equivalent landform, fencing and signage placed at FoS limit - Minimum distance of 50m between the residual void crest and the toe of the safety bund, where against a tenure boundary - Minimum 25m distance between the residual void low-wall crest within the NUMA and the safety bund or equivalent landform	With all controls in place, including ongoing monitoring and maintenance, wall failure beyond the NUMA limit is unlikely	Unlikely	0.1	1
NUMA causes environmental harm off tenure and is not safe and structurally stable	NUMA 2	Uncontrolled access to NUMA	1. Inappropriate design, management and construction of safety bund or equivalent landform 2. Inadequate/poorly maintained fencing and signage	- Unmanaged access to NUMA by people or livestock	4	- Compliance checks as part of monitoring	1	- Safety bund or equivalent landform, fencing and signage placed at FoS limit, where required. - Geotech modelling to determine FoS limit	With all controls in place, including ongoing monitoring and maintenance, failure of bunding, fencing and signage is unlikely	Unlikely	0.1	1
NUMA causes environmental harm off tenure and is not safe and structurally stable	NUMA 3	Uncontrolled flooding into residual voids	1. Flood mitigation is not installed or incorrect construction 2. Incorrect flood modelling	- Uncontrolled capture of flood waters - Altered/changed alignment of creeks and drainage lines - Removal of downstream environmental flows - Filling of residual void with water and interconnecting groundwater units - Geotechnical instability of residual void - Contamination of clean surface water flows, within residual void - Contamination of groundwater resources	4	- Uncontrolled capture of flood waters - Altered/changed alignment of creeks and drainage lines - Removal of downstream environmental flows - Filling of residual void with water and interconnecting groundwater units - Geotechnical instability of residual void - Contamination of clean surface water flows, within residual void - Contamination of groundwater resources	2	- Flood modelling including climate change scenarios - Void flood mitigation designed to 0.1% AEP flood event - Void flood mitigation (partial backfill and/or landforms) installed - Compliance to plan	With all controls in place, including ongoing monitoring and maintenance, uncontrolled flooding into voids is highly unlikely. Landform design includes partial backfill that provide protection for a 0.1% AEP event + climate change + 1m	Highly Unlikely	0.03	0.9
NUMA causes environmental harm off tenure and is not safe and structurally stable	NUMA 4	Water in the residual void causes environmental harm outside of the mining tenure	1. Groundwater outflow seepage not identified by groundwater modelling 2. Poor water quality 3. Overtopping or interconnection of the void lake with shallow groundwater water units	- Reduction in surface and/or groundwater quality down gradient of the site - Degradation of ecosystems interacting with impacted water - Changes to the chemistry of shallow groundwater units - Groundwater extraction/use off site impacted	4	- Rectification works on impacted ecosystems or bores - Installation of engineering controls to limit potential for ongoing impacts	3	- Up to date groundwater and void lake water balance modelling - Void flood mitigation to 0.1% AEP flood event - Void flood mitigation (partial backfill and/or landforms) installed - Containment of potential sediment as a result of erosion from the low-wall within the residual void - Landform design to enable establishment of collective groundwater sink within tenure boundary - Compliance to plan	With all controls in place, including ongoing monitoring and maintenance, any water in voids causing environmental harm outside of mining tenure is unlikely. Modelling indicates the voids will act as long-term sinks and water levels will remain below the original groundwater levels and the shallower geological units	Unlikely	0.1	10







26 February 2026

Jessica Edgar
Team Leader
Department of the Environment, Tourism, Science and Innovation
PO Box 3028, Emerald QLD 4720

Dear Jessica,

BMA Saraji Mine PRCP (P-PRCP-100734616) – Amendment Supporting Document

BMA propose to amend the Saraji Mine (SRM) progressive rehabilitation and closure plan (PRCP) schedule (P-PRCP-100734616). The application is for a minor amendment (PRCP threshold). The proposed amendment to the PRCP schedule is consistent with the SRM Environmental Authority (EA) EPML00862313.

This amendment supporting document provides required or additional information for the *Application to amend a progressive rehabilitation and closure plan schedule (PRCP schedule)* (ESR/2019/4956). The sections referred to throughout this document are from the Application form.

Submission documents for this PRCP amendment include:

- Application to amend a progressive rehabilitation and closure plan schedule (PRCP schedule)
- Saraji Mine (EPML00862313) PRCP Schedule v4 26February2026 (word)
- Saraji Mine (EPML00862313) Final Site Design (jpg)
- Saraji Mine (EPML00862313) Reference Map (jpg)
- Saraji Mine (EPML00862313) PRC plan v5 26February2026 (PRC plan and schedule pdf)
- PRC plan Appendices: Appendix A to N (all pdf)
- Spatial data (email)

Yours sincerely

Jacqueline Lakoumentas
Lead Progressive Closure Planning
0403 882 144

PRCP amendment

BMA propose to amend the Saraji Mine (SRM) progressive rehabilitation and closure plan (PRCP) schedule (P-PRCP-100734616) to be consistent with the milestone criteria and post-mining land uses (PMLUs) of the more recently approved BMA transitional PRCP schedules. The criteria are justified throughout the PRCP rehabilitation planning part, the studies undertaken to support the PRCP and further information provided to the Department of the Environment, Tourism, Science and Innovation (DETSI) as part of the transitional PRCP information request responses.

The key proposed amendments include:

- Changing the PMLU of tailings storage facility (TSF) no 3 from woodland habitat to grassland. TSF no 3, a standalone TSF, requires a cover with shallow rooted species to manage risk. The objective of the grassland PMLU is stability, to ensure contaminants are not released to the receiving environment.
- As a result of changing the PMLU to grassland, the amendment proposes to change the rehabilitation area (RA) of TSF no 3 from RA6 to RA9, so that the relevant activities of these RAs are consistent with other BMA PRCP schedules.
- Changing (amending/adding/removing) some of the rehabilitation and management milestone criteria to be consistent with other approved BMA PRCP schedules, including proposing additional criteria needed to achieve a grassland PMLU to a stable condition.
- Inclusion of additional native species in the woodland habitat seed mix to ensure seeding rates can be achieved when seed supply is limited.

Section 6 – Describe the proposed amendment

Table 1 provides a justification of how the proposed amendment meets the criteria for a minor amendment (PRCP threshold).

Table 1: Justification for minor amendment (PRCP threshold)

EP Act Section	Minor Amendment (PRCP Threshold)	Justification Minor Amendment
223 (a)	Does not change a post-mining land use or non-use management area	A grassland PMLU is proposed to provide improved rehabilitation outcomes. Although a grassland PMLU was not listed in the LOD, it is substantially similar to a cattle grazing PMLU. A grassland PMLU is proposed for TSF no 3, which under the current PRCP schedule will be rehabilitated to a woodland habitat PMLU. TSF no 3, a standalone TSF, requires a cover with shallow rooted species to manage risk. The objective of the grassland PMLU is stability, to ensure contaminants are not released to the receiving environment. Proposing a grassland PMLU for TSF no 3 is consistent with the planned PMLU of other BMA standalone TSFs (which aren't buried within RA1 spoil dumps). During the information request stage, at a BMA site in May 2025, DETSI advised BMA that the Department's preferred PMLU for TSFs was grassland to achieve stability. Therefore, the approved PRCP schedules for BMA's Saraji South Mine and Goonyella Riverside and Broadmeadow Mine plan to rehabilitate TSFs to a grassland PMLU. No PMLU changes have been made to other areas. The proposed amendment does not change a non-use management area (NUMA).

EP Act Section	Minor Amendment (PRCP Threshold)	Justification Minor Amendment
223 (b)	Does not affect whether a stable condition will be achieved for land under the schedule	The proposed amendment to include a grassland PMLU is expected to increase the likelihood of achieving a stable condition. The proposed milestone criteria for the grassland PMLU reflects the requirement for stability, with seeding with shallow rooted species and, as required, utilising rock on steeper areas for erosional stability. The proposed changes to the other milestone criteria (to align to the other approved BMA PRCPs) does not affect a stable condition being achieved.
223 (c)	Does not change the way a post-mining land use will be achieved, or a non-use management area will be managed, in a way likely to result in significantly different impacts on environmental values compared to the impacts on the values under the schedule before the change	The proposed amendment does not change the way a PMLU will be achieved in a way likely to result in significantly different impacts on environmental values compared to the impacts on the values under the currently approved PRCP schedule. The proposed amendment is expected to result in reduced impacts to environmental values. The grassland PMLU will be seeded with shallow rooted species. In comparison, the current woodland habitat PMLU includes deep rooted species, which may impact the integrity of the capping and result in increased mobilisation of potential contaminants contained within the tailings material. The geochemical conditions within the tailings material may also impact on the future establishment and sustainability of select deep rooted species upon the roots penetrating the capping material. The proposed changes to the other milestone criteria (to align to the other approved BMA PRCPs) does not affect a stable condition being achieved. Refer to Table 2 for an assessment of the likely impact of the proposed amendment on environmental values. The proposed amendment does not change the way a NUMA will be managed in a way likely to result in significantly different impacts on environmental values compared to the impacts on the values under currently approved PRCP schedule.
223 (d)	Does not relate to a new mining tenure for the schedule	The proposed amendment does not relate to a new mining tenure for the schedule.
223 (e)	Does not change when a rehabilitation milestone or management milestone will be achieved by more than 5 years after the time stated in the schedule when it was first approved	The proposed amendment does not change when a rehabilitation milestone or management milestone will be achieved by more than 5 years after the time stated in the schedule when it was first approved.
223 (f)	Does not extend the day by which rehabilitation of land to a stable condition will be achieved	The proposed amendment does not extend the day by which rehabilitation of land to a stable condition will be achieved.

Section 8 – Environmental values

Table 2 provides an assessment of the likely impact of the proposed amendment on environmental values.

Table 2: Assessment of the likely impacts on environmental values

Environmental Value	Description of Environmental Value	Likely Impact on Environmental Value	Justification for Impact
Water	Baseline information on site hydrology and fluvial networks is provided in PRC plan section 1.2.4.	Positive impact	There will be no additional adverse impacts on surface water environmental values as a result of the proposed amendment to the RAs and milestone criteria. The proposed amendment of changing the TSF PMLU to grassland will result in an improved environmental outcome for water environmental values. The removal of deep-rooted species from the PMLU will assist with maintaining the integrity of the capping and decrease the potential for migration of contaminants from the contained tailings material. The application of rock mulch on the steeper slopes will also increase stability and reduce erosion and sedimentation.
Groundwater	Baseline information on site hydrogeology is provided in PRC plan section 1.2.5.	Positive impact	There will be no additional adverse impacts on groundwater environmental values as a result of the proposed amendment to the RAs and milestone criteria. The proposed amendment of changing the TSF PMLU to grassland will result in an improved environmental outcome for groundwater environmental values. The improved integrity of the capping should result in a reduction in leachate generation and potential mobilisation of contaminants to groundwater aquifers.
Wetlands	Baseline information on site groundwater dependent ecosystems is provided in PRC plan section 1.2.5.4.	No impact	There are no wetlands located on the mining lease, or in close proximity to the mine. There will be no additional impacts on groundwater dependent ecosystems as a result of the proposed amendment.
Land	Baseline information on vegetation communities and fauna presence is provided in PRC plan sections 1.2.8 and	No impact	There will be no additional impacts on ecological or soil environmental values as a result of the proposed amendment. The additional native species included in the woodland habitat seed mix will ensure seeding rates can be achieved and help increase species richness.

Environmental Value	Description of Environmental Value	Likely Impact on Environmental Value	Justification for Impact
	1.2.9. Baseline information on soils is provided in PRC plan section 1.2.6.		
Land use	Baseline information on pre-mining land use is provided in PRC plan section 1.2.10.	Reduced impacts from changing the PMLU of a TSF	The amendment proposes to change the PMLU of the standalone TSF no 3 from woodland habitat to grassland. Changing the PMLU is expected to increase the likelihood of achieving a stable condition and result in reduced impacts to environmental values. The objective of the grassland PMLU is stability, to ensure contaminants are not released to the receiving environment. The grassland PMLU will be seeded with shallow rooted species. In comparison, the planned woodland habitat PMLU includes deep rooted species, which could penetrate the TSF cover and potentially mobilise contaminants from the tailings material. The amendment proposes to change (amend/add/remove) some of the milestone criteria, including proposing additional criteria needed to achieve a grassland PMLU to a stable condition. The relevant sections of the PRC plan (such as section 6 Rehabilitation and management methodology) have been updated to describe the management practices proposed to be implemented to prevent or minimise adverse impacts, and to ensure rehabilitated lands will achieve a stable condition. PRC plan section 6.6 Summary of key rehabilitation and management practices has been updated to describe how land will be rehabilitated after each relevant activity ends, such as the rehabilitation activities and associated rehabilitation milestones for TSF no 3 (RA9).
Air		No impact	The proposed amendments will not result in any changes to air and noise emissions.
Acoustic		No impact	The proposed amendments will not result in any changes to acoustic values.
Waste		No impact	The proposed amendments will not lead to a change in the quantity or type of waste generated.

PRCP schedule amendment information

Section 10 – Proposed amendment(s)

Table 3 lists the proposed amendments to the final site design, including amendments to the PMLUs and RAs. Table 4 lists the proposed amendments to the rehabilitation and management milestones and milestone criteria. The full list of milestone criteria (criteria remaining unchanged and proposed amendments) is provided in the Saraji Mine (EPML00862313) PRCP schedule v4 document. This amendment does not propose to change the timeframes for achieving milestones.

Table 3: Proposed amendments to the final site design

Final site design				
Reference	Amendment	Current (if amending)	Proposed	Justification
Grassland PMLU	Add	Choose an item.	Add	Grassland PMLU for RA9. The relevant activity for RA9 is TSF. A grassland PMLU is proposed to provide improved rehabilitation outcomes. Although a grassland PMLU was not listed in the LOD, it is substantially similar to a cattle grazing PMLU. During the information request stage, at a BMA site in May 2025, DETSI advised BMA that the Department's preferred PMLU for TSFs was grassland to achieve stability.
RA6	Remove	Remove	Remove	Change RA6 to RA9 so that the relevant activities of these RAs are consistent with other approved BMA PRCP schedules. The relevant activity for RA6 is rejects for other BMA sites.
RA9	Add	Choose an item.	Add	Change RA6 to RA9 so that the relevant activities of these RAs are consistent with other approved BMA PRCP schedules. For other BMA sites, the relevant activity for RA9 is TSF and has a grassland PMLU. The RA9 area is 10 hectares more than the previous RA6 area based on TSF no 3 designs.
RA3	Amend	Amend	Amend	Slight decrease to the RA3 area (10 hectares), as the neighbouring RA9 boundary has changed (increase in TSF extent).

Table 4: Proposed amendments to the milestones and milestone criteria

Milestone and Milestone Criteria				
Reference	Amendment	Current (if amending)	Proposed	Justification
RM1	Amend	Amend 1.2 (reference to re-numbered 1.3 only) Remove 1.3 Amend 1.4 (re-numbered 1.3)	Refer to schedule	Amending the schedule to be consistent with the milestone criteria of the more recently approved BMA transitional PRCP schedules. The criteria are justified throughout the PRCP rehabilitation planning part, the studies undertaken to support

Milestone and Milestone Criteria				
Reference	Amendment	Current (if amending)	Proposed	Justification
		Amend 1.5 (re-numbered 1.4) Amend 1.6 (re-numbered 1.5)		the PRCP and further information provided to DETSI as part of transitional PRCP information request responses. The proposed changes to the milestone criteria still achieves a stable condition and does not increase the impact on environmental values.
RM3	Amend	Remove 3.1 Amend 3.2 (re-numbered 3.1) Add 3.2 Amend 3.3 Amend 3.4 (includes amended 3.5 & 3.7) Remove 3.6 Amend 3.8 (re-numbered to 3.7 a) Amend 3.9 (re-numbered to 3.7 e) Amend 3.10 (re-numbered to 3.5 only) Amend 3.11 (re-numbered to 3.6 & RA4 criteria moved to amended 3.4 c) Add 3.7 Add 3.8 Add 3.9	Refer to schedule	Amending the schedule to be consistent with the milestone criteria of the more recently approved BMA transitional PRCP schedules, including additional criteria for installation of cover for tailings (grassland PMLU). The proposed changes to the milestone criteria still achieves a stable condition and does not increase the impact on environmental values.
RM4	Amend	Amend 4.2 Amend 4.3	Refer to schedule	Amending the schedule to be consistent with the milestone criteria of the more recently approved BMA transitional PRCP schedules. The proposed changes to the milestone criteria still achieves a stable condition and does not increase the impact on environmental values. Inclusion of surface preparation requirements for grassland PMLU.
RM5	Amend	Amend 5.1 Amend 5.2 Amend 5.3	Refer to schedule	Amending the schedule to be consistent with the milestone criteria of the more recently approved BMA transitional PRCP schedules. The proposed changes to the milestone criteria still achieves a stable condition and does not increase the impact on environmental values.
RM6	Amend	Amend 6.2 Amend 6.3	Refer to schedule	Amending the schedule to be consistent with the milestone criteria of the more recently approved BMA transitional PRCP

Milestone and Milestone Criteria				
Reference	Amendment	Current (if amending)	Proposed	Justification
				schedules. The proposed changes to the milestone criteria still achieves a stable condition and does not increase the impact on environmental values.
RM7	Amend	Amend 7.1 Amend 7.2 Remove 7.3	Refer to schedule	Amending the schedule to be consistent with the milestone criteria of the more recently approved BMA transitional PRCP schedules. The proposed changes to the milestone criteria still achieves a stable condition and does not increase the impact on environmental values. Inclusion of revegetation requirements for grassland PMLU.
RM8	Amend	Amend 8.1 Remove 8.2 Remove 8.3	Refer to schedule	Amending the schedule to be consistent with the milestone criteria of the more recently approved BMA transitional PRCP schedules. The proposed changes to the milestone criteria still achieves a stable condition and does not increase the impact on environmental values. Additional species included in the woodland habitat seed mix. Reference to RA6 removed.
RM9	Amend	Amend 9.1 Remove 9.2 Remove 9.3 Remove 9.4	Refer to schedule	Amending the schedule to be consistent with the milestone criteria of the more recently approved BMA transitional PRCP schedules. The proposed changes to the milestone criteria still achieves a stable condition and does not increase the impact on environmental values.
RM10	Amend	Amend 10.1 Amend 10.2 Amend 10.3 Remove 10.4	Refer to schedule	Amending the schedule to be consistent with the milestone criteria of the more recently approved BMA transitional PRCP schedules. The proposed changes to the milestone criteria still achieves a stable condition and does not increase the impact on environmental values.
RM11	Amend	Amend 11.1 Amend 11.2 Amend 11.3 Amend 11.4 Remove 11.5	Refer to schedule	Amending the schedule to be consistent with the milestone criteria of the more recently approved BMA transitional PRCP schedules. The proposed changes to the milestone criteria still achieves a stable condition and does not increase the impact on environmental values. Reference to RA6 removed.
RM12	Amend	Amend 12.1 Add 12.2	Refer to schedule	Amending the schedule to be consistent with the milestone criteria of the more recently approved BMA transitional PRCP

Milestone and Milestone Criteria				
Reference	Amendment	Current (if amending)	Proposed	Justification
		Amend 12.2 (re-numbered 12.3) Remove 12.3 Amend 12.4 Remove 12.5		schedules. The proposed changes to the milestone criteria still achieves a stable condition and does not increase the impact on environmental values.
RM13	Amend	Amend 13.2 Amend 13.3 Remove 13.4 Amend 13.5 (re-number 13.4) Remove 13.6 Amend 13.7 (re-number 13.5) Add 13.6 Add 13.7 (copied from 13.2 c) Remove 13.8 Add 13.8 Add 13.9 Add 13.10 Add 13.11	Refer to schedule	Amending the schedule to be consistent with the milestone criteria of the more recently approved BMA transitional PRCP schedules. The proposed changes to the milestone criteria still achieves a stable condition and does not increase the impact on environmental values.
RM14	Amend	Amend 14.2 (re-number 14.3) Remove 14.3 Amend 14.4 (re-numbered to 14.2) Amend 14.5 (re-number 14.4) Amend 14.6 (re-numbered 14.5) Add 14.6 (copied from 14.6 b) Amend 14.7 Remove 14.8 Add 14.8	Refer to schedule	Amending the schedule to be consistent with the milestone criteria of the more recently approved BMA transitional PRCP schedules. The proposed changes to the milestone criteria still achieves a stable condition and does not increase the impact on environmental values. Reference to RA6 removed.
RM15	Amend	Amend 15.2 Remove 15.3 Amend 15.4 (re-numbered 15.3 only) Amend 15.5 (re-numbered 15.4) Add 15.5 (copied from 15.5 f) Amend 15.6	Refer to schedule	Amending the schedule to be consistent with the milestone criteria of the more recently approved BMA transitional PRCP schedules. The proposed changes to the milestone criteria still achieves a stable condition and does not increase the impact on environmental values.

Milestone and Milestone Criteria				
Reference	Amendment	Current (if amending)	Proposed	Justification
		Remove 15.7 Add 15.7 Remove 15.8 Add 15.8		
RM17	Amend	Amend 17.2 (re-number 17.4) Amend 17.3 (re-numbered 17.2) Add 17.3 Remove 17.4 Amend 17.5 Remove 17.6 Add 17.6 (amended 17.2 e) Add 17.7 (copied from 17.2 d)	Refer to schedule	Amending the schedule to be consistent with the milestone criteria of the more recently approved BMA transitional PRCP schedules. The proposed changes to the milestone criteria still achieves a stable condition and does not increase the impact on environmental values.
RM18	Amend	Amend 18.2 (re-numbered to 18.3) Amend 18.3 (re-numbered 18.2) Amend 18.4 (re-numbered 18.5) Add 18.4 (copied from 18.2 c) Remove 18.5 Remove 18.6	Refer to schedule	Amending the schedule to be consistent with the milestone criteria of the more recently approved BMA transitional PRCP schedules. The proposed changes to the milestone criteria still achieves a stable condition and does not increase the impact on environmental values.
RM19	Add	Add 19.1 Add 19.2 Add 19.2	Refer to schedule	Amending the schedule to be consistent with the milestone criteria of the more recently approved BMA transitional PRCP schedules. The proposed changes to the milestone criteria still achieves a stable condition and does not increase the impact on environmental values. New criteria for achievement of surface requirements for grassland PMLU, applicable to RA9.
RM20	Add	Add 20.1 Add 20.2 Add 20.3 Add 20.4 Add 20.5 Add 20.6 Add 20.7	Refer to schedule	Amending the schedule to be consistent with the milestone criteria of the more recently approved BMA transitional PRCP schedules. The proposed changes to the milestone criteria still achieves a stable condition and does not increase the impact on environmental values. New criteria for achievement of post-mining land use to a stable condition for grassland PMLU, applicable to RA9.

Milestone and Milestone Criteria				
Reference	Amendment	Current (if amending)	Proposed	Justification
MM1	Amend	Remove IA1.1 Remove IA1.2 Amend IA1.3 (re-numbered 1.1) Amend IA1.4 (re-numbered to 1.2 only) Amend IA1.5 (re-numbered to 1.3 only) Amend IA1.6 (re-numbered to 1.4 only) Amend IA1.7 (re-numbered to 1.5) Amend IA1.8 (re-numbered to 1.6 only) Amend IA1.9 (re-numbered to 1.7 only) Amend IA1.10 (re-numbered to 1.8 only) Add 1.9 Amend IA1.11 (re-numbered to 1.10 only)	Refer to schedule	Amending the schedule to be consistent with the milestone criteria of the more recently approved BMA transitional PRCP schedules. The proposed changes to the milestone criteria still achieves sufficient improvement.
MM2	Amend	Amend IA2.1	Refer to schedule	Amending the schedule to be consistent with the milestone criteria of the more recently approved BMA transitional PRCP schedules. The proposed changes to the milestone criteria still achieves sufficient improvement.
MM3	Amend	Amend IA3.1	Refer to schedule	Amending the schedule to be consistent with the milestone criteria of the more recently approved BMA transitional PRCP schedules. The proposed changes to the milestone criteria still achieves sufficient improvement.

Section 11 – Amend Conditions

Table 5 lists the proposed changes to the conditions of the PRCP schedule.

Table 5: Proposed changes to the PRCP conditions

Condition Number	Amendment	Proposed Change to Condition	Justification for the Change
PRCP3	Amend to include additional notes	1) Reference to "earlier than the nominated date in the schedule" means a date that is greater than 5 year prior to the date nominated in the schedule. 2) Assessment of land becoming available is undertaken on a nominally annual basis. 3) Rehabilitation of land size must be practicable and economical. 4) The dates by which milestones are to be completed is brought forward, to the extent it is reasonably practicable to do so, by the same amount of time as the commencement was brought forward.	Amending the schedule to be consistent with the PRCP conditions of the more recently approved BMA transitional PRCP schedules.
PRCP7	Amend	Summary report of key records under PRCP5 and PRCP6 is maintained until the relevant environmental authority has been surrendered or progressive rehabilitation certification is achieved.	Amending the schedule to be consistent with the PRCP conditions of the more recently approved BMA transitional PRCP schedules. A summary report of key records will provide sufficient evidence of achieving and maintaining rehabilitation milestones.
PRCP8	Amend	Records made under PRCP7 must be provided to the administering authority in the specified format within 20 business days of a written request or a longer duration as agreed by the administering authority.	Amending the schedule to be consistent with the PRCP conditions of the more recently approved BMA transitional PRCP schedules. Reference to amended condition PRCP7.
PRCP10	Remove		Amending the schedule to be consistent with the PRCP conditions of the more recently approved BMA transitional PRCP schedules. This condition is no longer required as the outcome is achieved through the other proposed surface water and groundwater conditions.

Condition Number	Amendment	Proposed Change to Condition	Justification for the Change
PRCP11	Amend	With respect to groundwater: a) The monitoring bores listed in Table 70: Groundwater monitoring locations must be installed by 2050; and b) Following monitoring bore installation as per PRCP11a), groundwater quality must be monitored six monthly at bores specified in Table 70: Groundwater monitoring locations; and c) The holder must develop site-specific groundwater quality limits by 2055 for the bores listed in Table 70: Groundwater monitoring locations; and d) The groundwater model and water balance model must be recalibrated and predictions rerun at least every five years commencing from 2050.	Amending the schedule to be consistent with the PRCP conditions of the more recently approved BMA transitional PRCP schedules. Amending monitoring frequency to six monthly. Amending to allow for the development of site-specific groundwater quality limits by 2055.
PRCP12	Amend	With respect to groundwater: a) Groundwater quality results for compliance bores have not exceeded the site-specific groundwater quality limits, for three (3) consecutive results within the five-year period immediately prior to surrender; and b) Predictive groundwater modelling as per the Australian Groundwater Modelling Guidelines (current version), undertaken at the completion of all mining, confirms the network of residual voids will collectively develop into groundwater sinks and prevent environmental harm through the release of contaminants from the void lakes beyond the tenure boundaries post-closure.	Amending the schedule to be consistent with the PRCP conditions of the more recently approved BMA transitional PRCP schedules. DETSI to provide interim groundwater quality limits, which are to be replaced by developed site-specific limits as per proposed condition PRCP11.
PRCP13	Amend	With respect to surface water: a) The holder must install monitoring equipment at the relevant surface water monitoring locations specified in Table 69: Surface water monitoring locations by 2050; b) The holder must develop site-specific surface water quality limits by 2055 for the watercourses listed in Table 69: Surface water monitoring locations; c) Following completion of PRCP13.a), surface water quality must be monitored at least once per month during flow at downstream locations specified in Table 69: Surface water monitoring locations when flows at the downstream gauging station record 1m³/second for Phillips Creek and Hughes Creek and 0.5m³/second for One Mile Creek, when safe to collect samples.	Amending the schedule to be consistent with the PRCP conditions of the more recently approved BMA transitional PRCP schedules. Amending to specify the year by which monitoring equipment at the relevant surface water monitoring locations must be installed. Amending to allow for the development of site-specific surface water quality limits by 2055.
PRCP14	Amend	With respect to surface water:	Amending the schedule to be consistent with the PRCP conditions of the more recently approved BMA transitional PRCP schedules.

Condition Number	Amendment	Proposed Change to Condition	Justification for the Change
		a) Surface water quality monitored as per PRCP13c) must not exceed the site-specific surface water quality limits, within the five (5) year period immediately prior to surrender; and b) If the surface water quality exceeds criteria PRCP14a), the applicable upstream site must be compared to the downstream site result; and quality result measured at a downstream site must be equal to or less than the quality result measured at the applicable upstream site.	DETSI to provide interim surface quality limits, which are to be replaced by developed site-specific limits as per proposed condition PRCP13.
PRCP15	Amend	Where the surface water quality at the downstream site exceeds the upstream site result as per PRCP14b), an AQP must complete an assessment of the cause of the exceedance and risk of rehabilitation not achieving a stable condition within the schedule timeframe and: a) Where there is low risk to achieving a stable condition from the mining tenure (ML1775, ML1782, ML1784, ML2360, ML2410, ML70142, ML70294, ML70298, ML70328, ML700021), then no further action is to be taken; or b) Where there is a risk greater than low to achieve a stable condition, then an assessment of potential environment harm and any changes or rectification actions to rehabilitation activities must be determined and implemented; c) The holder will be non-compliant with PRCP14a), if PRCP15b) is triggered more than three (3) times over five (5) consecutive years prior to surrender and PRCP14a) is reset; and d) the assessment/s under PRCP15 must be completed and provided to the administering authority within six (6) months of receiving the relevant sampling results.	Amending the schedule to be consistent with the PRCP conditions of the more recently approved BMA transitional PRCP schedules. Combining the requirements of conditions PRCP16, PRCP17 and PRCP18.
PRCP16	Remove		Amending the schedule to be consistent with the PRCP conditions of the more recently approved BMA transitional PRCP schedules. Similar requirements included in proposed condition PRCP15.
PRCP17	Remove		Amending the schedule to be consistent with the PRCP conditions of the more recently approved BMA transitional PRCP schedules. Similar requirements included in proposed condition PRCP15.

Condition Number	Amendment	Proposed Change to Condition	Justification for the Change
PRCP18	Remove		Amending the schedule to be consistent with the PRCP conditions of the more recently approved BMA transitional PRCP schedules. Similar requirements included in proposed condition PRCP15.
PRCP20	Remove		Amending the schedule to be consistent with the PRCP conditions of the more recently approved BMA transitional PRCP schedules. Similar requirements included in proposed condition PRCP7.
PRCP21	Amend	The holder may develop site-based criteria with which to assess tunnel erosion within 5 years of the approval of the transitional PRCP schedule (4 September 2024). Criteria should be sufficient to quantify where tunnel erosion exists within the landscape which would not pose risk to final landform stability. The criteria should be supported by evidence and reviewed and approved by an AQP.	Amending the schedule to be consistent with the PRCP conditions of the more recently approved BMA transitional PRCP schedules.
PRCPX	Add	With respect to improvement area (IA1), the holder must develop Groundwater Level Monitoring Network (GLMN) inclusive of following steps: a) Identify by 2094 (or 4-years prior to the planned end of mining at SRM), relevant regional aquifers (hydrogeological units) likely to be affected/connected individually or collectively by each residual void in (IA1); b) Identify by 2094 (or 4-years prior to the planned end of mining at SRM), relevant existing groundwater bores (from Table 70: Groundwater monitoring locations) and new additional groundwater monitoring bores if determined by an AQP as required to ensure sufficient monitoring coverage for each regional aquifer mapped in accordance with PRCPX a); c) Independent AQP endorse the proposed GLMN as per PRCPX a) and PRCPX b) is fit for purpose that is, to monitor and support predictions of residual voids behaviour as a sink; d) For existing groundwater monitoring bores identified in accordance with PRCPX b) and approved as per PRCPX c), update the Table 70: Groundwater monitoring locations before end of 2097 (or within 3 years of completion of PRCPX b) to reflect water level (mAHD) for the relevant bores; and	Amending the schedule to be consistent with the PRCP conditions of the more recently approved BMA transitional PRCP schedules. Inclusion of new groundwater level monitoring network condition.

Condition Number	Amendment	Proposed Change to Condition	Justification for the Change
		e) Depending on outcomes of PRCPX b) and PRCPX c), update the Table 70: Groundwater monitoring locations before end of 2097 (or within 3 years of completion of PRCPX b) with new additional groundwater monitoring bores' location co-ordinates, hydrogeological unit and water level (mAHD).	
PRCPXX	Add	Groundwater level must be monitored annually, at the bores identified under the GLMN (PRCPX), starting from 2098 or within 1 year of the end of SRM mining, whichever is earlier.	Amending the schedule to be consistent with the PRCP conditions of the more recently approved BMA transitional PRCP schedules. Condition for groundwater level monitoring.

Spatial information

GIS data associated with this application is available upon request to the Department of Environment and Science.

Information on how to make a request is available at:

<https://www.qld.gov.au/environment/pollution/licences-permits/public-register>