

**Mineral Resources Division**
Department for Energy and Mining
Level 4, 11 Waymouth Street, Adelaide
GPO Box 320, Adelaide SA 5001

Phone +61 8 8463 3000
Email DEM.Minerals@sa.gov.au

[www.energymining.sa.gov.au](https://www.energymining.sa.gov.au/industry/minerals-and-mining)

South Australian Resources Information Gateway (SARIG)
[map.sarig.sa.gov.au](https://map.sarig.sa.gov.au)



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The Department for Energy and Mining acknowledges Aboriginal people as the First Nations Peoples of South Australia. We recognise and respect the cultural connections as the traditional owners and occupants of the land and waters of South Australia, and that they continue to make a unique and irreplaceable contribution to the state.

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|  |  |
| --- | --- |
| Date | Comment |
| March 2005 | First published as *Guidelines for miners: preparation of a compliance report for non-extractive operations (regulation 86) in South Australia*. |
| December 2020 | Updated in line with Mining Regulations 2020. |
| June 2021 | Reporting separated into Parts 2 and 3 dependent on production volume and rehabilitation liability estimate. |
| August 2021 | Formatting updates. |

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# PART 1 – Preparation of a mining compliance report – Guidance

## Introduction

A compliance report template has been developed by the Department for Energy and Mining (the department) for tenement holders preparing compliance reports for authorised operations on a mining lease (ML), miscellaneous purposes licence (MPL) and a private mine (PM). This document provides assistance and advice to help you comply with the determinations set out in the [terms of reference for mining compliance reports.](https://sarigbasis.pir.sa.gov.au/WebtopEw/ws/samref/sarig1/image/DDD/MD009.pdf)

The determination was made under regulation 77 of the Mining Regulations 2020 (Mining Regulations). Under the *Mining Act 1971* (Mining Act), it is mandatory to comply with this determination. As determinations may change at any time, always check [the department website](https://www.energymining.sa.gov.au/minerals/knowledge_centre/ministerial_determinations) for the latest version.

The tenement holder must provide the department with a mining compliance report summarising compliance monitoring activities and providing evidence that operations on the tenement are compliant with requirements of the approved program for environment protection and rehabilitation (PEPR) or mine operation plan (MOP) and lease or licence conditions. The information must be detailed and accurate, clearly demonstrating where compliance has, and has not, been met.

The compliance report reassures the community, industry, government and other stakeholders that regulatory obligations are being met.

## Public access

Transparency is a key principle of the department’s approach to the effective and efficient regulation of the resources industry, and the department aims to provide the community with open access to relevant information on regulatory processes and decisions. It is the tenement holder’s responsibility to monitor their own compliance and demonstrate compliance to their stakeholders through public reporting. In accordance with section 15AA of the Mining Act and Schedule 1 of the Mining Regulations, mining compliance reports will be made available for public release and published on [the department website](https://www.energymining.sa.gov.au/minerals/mining/mines_and_quarries).

## Key regulatory principles

The compliance report template is underpinned by the department’s key regulatory principles outlined in [*Regulation of mineral exploration and mining in South Australia*](https://sarigbasis.pir.sa.gov.au/WebtopEw/ws/samref/sarig1/wci/Record?r=0&m=1&w=catno=2039491).

The compliance report should:

* be concise and easily understood by other parties
* make clear how conclusions about compliance with environmental outcomes/objectives have been reached
* be fit for purpose and without irrelevant detail
* openly disclose any non-compliances
* ensure that any specific uncertainties or assumptions are clearly identified in each section where relevant, rather than include a broad disclaimer on the reliability of information and conclusions
* reflect that the tenement holder has full responsibility for the compliance report’s content, irrespective of who prepared the document. If it has been prepared and submitted by a third party consultant, submit written confirmation that the consultant is authorised to act as an agent on behalf of the tenement holder
* not include a disclaimer on the reliability of information and conclusions, nor assert copyright on making copies of the report.

## Structure

The compliance report template (see Parts 2 and 3 of this document) aligns with the information required by the determinations set out in the [terms of reference for mining compliance reports.](https://sarigbasis.pir.sa.gov.au/WebtopEw/ws/samref/sarig1/image/DDD/MD009.pdf) The sections are interdependent, and failure to adequately complete any one section will impact on the overall document integrity.

**Please refer to the terms of reference for mining compliance reports when completing a compliance report. Guidance may not be provided for requirements in the terms of reference that are a clear and self-explanatory statement.**

## Requirement for submission and reporting period

A compliance report is required for all for authorised operations on a mining lease (ML), miscellaneous purposes licence (MPL) and a private mine (PM).

A compliance report must be submitted annually within 60 days of the end of each reporting period.

A final compliance report must be submitted for a mineral tenement that is to be expired, surrendered, cancelled or forfeited.

If the anniversary of the day the relevant mineral tenement was granted (or equivalent proclamation date for Private Mines) falls within 1 January 2021 and 30 June 2021, it has been determined that:

* the reporting period for the purposes of Mining Regulation 77(3)(b) will be a period commencing on 1 January 2021 and ending on the anniversary of the day on which the mineral tenement was granted in the calendar year of 2022.
* where there are multiple mineral tenements associated with a single operation, the reporting period will be based on the anniversary of the first granted tenement.
* where the tenement holder submitted a compliance report for more than one tenement under regulation 86 of the repealed Mining Regulations 2011—the date and the frequency that the tenement holder submitted reports under the repealed Mining Regulations 2011 remains.
* the period after the end of the reporting period for the purposes of Mining Regulation 77(4)(a) is 60 days. (i.e. submission must be made within 60 days of the end of the reporting period).

## Format and submission of reports

Submissions should be made using the templates provided in Part 2 or Part 3 of this document.

**PART 2 – Annual compliance report for operations producing <100,000 tonnes or have RLE <$1M**
If the authorised operations extract an amount less than 100,000 tonnes per annum or have a rehabilitation liability estimate (RLE), as set out in the PEPR/MOP, less than $1,000,000AUD.

**PART 3 – Annual compliance report for operations producing >100,000 tonnes or have RLE >$1M**
If the authorised operations extract an amount exceeding 100,000 tonnes per annum or have a rehabilitation liability estimate (RLE), as set out in the PEPR/MOP, above $1,000,000AUD.

A compliance report must be submitted in accordance with Mining Regulations 77(4)(b) and 77(6)(b) in the following form, unless otherwise specified by the Director of Mines or the department:

* Submit an electronic version of the report using the mining compliance report templates provided on the department website (this document).
* Submit the electronic report online through the [department website](https://forms.sa.gov.au/#/form/5ebcf5f5ad9c5c0a087bc25c).
* Submit as one single Acrobat PDF file.
* Supply Microsoft Word-compatible files if requested by the Director of Mines, the department or other authorised officers.
* Submit by email or in hard copy if requested by the Director of Mines or other authorised officers.
* Include a signed (digital signatures allowed) statement by the tenement holder declaring that the content of the report has been reviewed and is accurate.

# PART 2 – Annual compliance report for operations producing <100,000 tonnes or have RLE <$1M

Use this template to report mining activity and compliance for all authorised operations on a mining lease (ML), miscellaneous purpose licence (MPL) and a private mine (PM) if the authorised operations extract an amount less than 100,000 tonnes per annum or have a rehabilitation liability estimate (RLE), as set out in the PEPR/MOP, less than $1,000,000AUD.

Refer to the [terms of reference for mining compliance reports](https://sarigbasis.pir.sa.gov.au/WebtopEw/ws/samref/sarig1/image/DDD/MD009.pdf) when completing this report.

*Insert company mining compliance report title page and remove preceding pages and Part 3.*

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1 Declaration of accuracy

This report is prepared for the Department for Energy and Mining to fulfil the annual mining compliance reporting requirements for the tenements listed herein. The information contained in this report is to the best of my knowledge a true and accurate record of the mining activities and compliance status for the reporting period.

|  |  |
| --- | --- |
| Name | Click to enter text |
| Position | Click to enter text |
| Company or agent | Click to enter text |
| Signature | Click to enter text |
| Date | dd/mm/yyyy |
| Summary of steps undertaken to review the compliance report to ensure its accuracy | Provide a summary of the steps the tenement holder has taken to ensure the accuracy of the document here |

2 Public liability insurance

Provide details relating to public liability insurance and attach a certificate evidencing insurance coverage as Appendix A to this compliance report. Documents provided should certify that the insurance is current.

|  |
| --- |
| Click to enter text |

3 Identification

|  |  |
| --- | --- |
| Mine name(s) | Include commonly used name of the mine(s) |
| Tenement holder(s) | Include company name, address and contact details |
| Operating company(s) | Include company name, address and contact details of company(s) that have worked on the listed tenement(s) during the reporting period (other than the tenement holder) |
| Tenement number(s) | Include tenement type and number |
| Program for environment protection and rehabilitation PEPR(s) or mine operation plan (MOP) document | Provide the name of the approved PEPR/MOP document | PEPR/MOP no.(s) | Click to enter text |
| PEPR(s)/MOP approval date | dd/mm/yyyy |
| Site contact | Name | Click to enter text |
|  | Email | Click to enter text |
|  | Phone | Click to enter text |
| Location details | Provide general area of the State, distance and direction to nearest town |
| Reporting period | From dd/mm/yyyy | To dd/mm/yyyy |
| Compliance report submission date | dd/mm/yyyy |

4 Tenements

Using Table 4.1 provide a summary list and the status of currency of all tenements covered by the approved PEPR(s)/MOP(s).

Table 4.1 Tenement summary

|  |  |  |  |
| --- | --- | --- | --- |
| **Tenement** | **Tenement grant date** | **Tenement expiry date** | **Status of currency** |

|  |  |  |  |
| --- | --- | --- | --- |
| Insert tenement type and number | dd/mm/yyyy | dd/mm/yyyy | e.g. renewal application submitted to the department on dd/mm/yyyy |

Click + to repeat row

5 Other approvals

Using Table 5.1, provide a summary list and the current status of any approvals required to authorise the mining operation that are relevant to the achievement of environmental outcomes and objectives within the approved PEPR/MOP, and or compliance with the tenement conditions.

5.1 Other approvals

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Approval document** | **Regulatory authority or other** | **Supporting documents** | **Relevant environmental outcome/objective or tenement condition** | **Status of currency** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Environment Protection Authority (EPA) authorisation | South Australian EPA | Landfill Environment Management Plan | ML xxx, Schedule x, Condition x | e.g. renewal application submitted to EPA on dd/mm/yyyy |

Click + to repeat row

6 Ore reserves and mineral resources

Using Table 6.1, provide a statement of the estimated mine life.

Table 6.1 Estimated mine life

|  |  |
| --- | --- |
| **Estimated mine life** (years) | Click to enter text |
| **Notes**e.g. reasons for any variations |

Note: There are legislative requirements for tenements holders conducting exploration activities with specific reporting requirements set down in regulation 78 of the Mining Regulations 2020. If any exploration has been undertaken during the reporting period, technical reports and data must be provided to the department in accordance with Mineral Regulatory Guidelines MG13 [*Mineral exploration reporting guidelines for South Australia*](https://sarigbasis.pir.sa.gov.au/WebtopEw/ws/samref/sarig1/wci/Record?r=0&m=1&w=catno=2035368).

7 Compliance with environmental outcomes/objectives and leading indicator criteria

Using Table 7.1, provide a statement that operations were, or were not, compliant with each environmental outcome/objective (including mine completion outcomes/objectives) specified in the tenement conditions or approved PEPR/MOP. The statement must be supported by a summary of measurement criteria data that clearly demonstrates the conclusion that the environmental outcome/objective was (or was not) fully achieved.

Summarise data relating to any leading indicator criteria in the approved PEPR/MOP. If any leading indicator criteria have been, or will become, relevant to the operation of any control strategy, the report must state the actions that were taken and if the relevant controls strategies continue to be effective.

Where instances of noncompliance with the relevant environmental outcomes/objectives in either the approved PEPR/MOP or tenement conditions have occurred during the current reporting period, also complete Table 9.1.

Table 7.1 Compliance with environmental outcomes

|  |  |  |
| --- | --- | --- |
| **Aspect**e.g. air quality, surface water | **Tenement(s)**Click to enter text | **Compliance status**Click to choose a status |
| **Environmental outcome/objective**As specified in approved PEPR/MOP |
| **Tenement condition**Corresponding tenement condition – if applicable |
| **Outcome/objective measurement criteria**As specified in approved PEPR/MOP |
| **Outcome/objective measurement criteria summary. Further details can be provided in a supporting appendix, but sufficient details must be provided in this section.**Summarise outcome/objective measurement criteria data as supporting evidence to demonstrate that the environmental outcome/objective was (or was not) fully achieved. |
| **Leading indicator criteria.** As specified in approved PEPR/MOP |
| **Leading indicator summary. Further details can be provided in a supporting appendix, but sufficient details must be provided in this section.**Summarise data relating to any leading indicator criteria and state any actions taken, if relevant. |
| **Effectiveness of existing controls**Provide a statement concerning the effectiveness of existing control strategies.List any additional control strategies implemented in the reporting period or to be adopted in the next reporting period to demonstrate that the environmental outcome/objective can and will continue to be achieved. |
| **Supporting report reference**Click to enter text |

Click + to repeat table

8 Compliance with non-outcome-based tenement conditions

Using Table 8.1, provide a statement on the compliance status of any tenement conditions of the lease or licence that do not relate to an environmental outcome in the approved PEPR. Provide evidence to support the statement of compliance.

This section is not relevant to Private Mines.

Table 8.1 Compliance with non-outcome-based tenement conditions

|  |  |  |
| --- | --- | --- |
| Tenement condition and number | Compliance status | Evidence demonstrating compliance with tenement condition |

|  |  |  |
| --- | --- | --- |
| ML *nnnn*, Schedule *n*, Condition *n* | Click to choose a status | Provide qualitative or quantitative evidence to support the compliance conclusion. If detailed data is required, include this as an appendix, and summarise the data in this table. |

Click + to repeat row

If instances of noncompliance with the relevant tenement conditions have occurred during the current reporting period, also complete Table 9.1.

9 Rectification of non-compliances

Where instances of non-compliance have occurred during the reporting period, complete Table 9.1.

Table 9.1 Rectification of non-compliances

|  |  |
| --- | --- |
| **Date of the incident** dd/mm/yyyy | **Date the incident was reported** dd/mm/yyyy |
| **What environmental outcome/objective or tenement condition was breached?**Click to enter text |
| **State the cause of the non-compliance**Click to enter text |
| **Detail any actions taken or yet to be taken to rectify the non-compliance and to prevent the recurrence of any such noncompliance.**Click to enter text |

Click + to repeat table

|  |
| --- |
| Where non-compliances under regulation 79 of the *Mining Regulations 2020* have previously been reported in compliance reports and not fully rectified at the time of reporting, a status update to assess the effectiveness of rectification must be provided. |
| **Summarise actions being undertaken to rectify previous non-compliances.** If unable to demonstrate compliance, state reasons relevance of the outcome/objective and measurement criteria to the current risk profile of the project or current stage of the project.Click to enter text |

10 Disturbance and rehabilitation activities

Using the tables below, provide a summary of the disturbance and rehabilitation activities. A plan should be included if there was an increase or decrease to the disturbance footprint during the reporting period.

Table 10.1 Disturbance activities

|  |  |  |  |
| --- | --- | --- | --- |
| Area | Description of disturbance activity carried out during the reporting period | Amount of land disturbed during the reporting period (hectares) | Total area disturbed (hectares) |

|  |  |  |  |
| --- | --- | --- | --- |
| Area or domain | Outline disturbance that has occurred | Hectares | Hectares |

Click + to repeat row

|  |  |  |
| --- | --- | --- |
| **Total** | Hectares | Hectares |

Table 10.2 Rehabilitation activities

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Area | Description of rehabilitation works carried out during the reporting period | Amount of land rehabilitated during the reporting period (hectares) | Estimated amount of land to be rehabilitated in the next reporting period (hectares) | Total amount of land where rehabilitation works are completed (hectares) |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Area or domain | Outline the rehabilitation that has occurred | Hectares | Hectares | Hectares |

Click + to repeat row

|  |  |  |  |
| --- | --- | --- | --- |
| **Total** | Hectares | Hectares | Hectares |

|  |
| --- |
| Strategies implemented to avoid or minimise disturbance |
| Click to enter text |
| Provide a summary of any potential improvements learned from previous rehabilitation activities |
| Click to enter text |

Insert map or plan showing the disturbance and rehabilitation that has occurred during the reporting period.



11 Reconciliation of native vegetation clearance

If the PEPR/MOP includes an approved native vegetation management plan (NVMP) for the clearance of native vegetation under the *Native Vegetation Act 1991*, detail, using tables, text and figures as required:

* the approved maximum native vegetation clearance, as described in the PEPR/MOP (in hectares and shown on a plan)
* the amount of native vegetation cleared in the reporting period (in hectares and shown on a plan)
* the total amount cleared to date
* any payment made to the Native Vegetation Council within the reporting period
* an estimated amount proposed to be cleared in the next reporting period
* provision of information, including annual monitoring and progress reports to demonstrate compliance with the NVMP where the Significant Environmental Benefit (SEB) is being provided by the tenement holder or mine operator with an on-ground SEB offset.

Insert map, plan or figure showing the amount of approved maximum native vegetation clearance and amount of native vegetation cleared in the reporting period.



12 Environment Protection and Biodiversity Conservation Act reporting

Using Table 12.1, where the tenement was the subject of an approval under the Commonwealth Environment Protection and Biodiversity Conservation Act 1999 (EPBC Act), include a summary report demonstrating compliance with all EPBC Act approval conditions.

Table 12.1 Environment Protection and Biodiversity Conservation Act reporting

|  |  |  |  |
| --- | --- | --- | --- |
| Condition number | Condition | Compliance status | Evidence demonstrating compliance with condition |
| Click to enter text | Click to enter text | Click to choose a status | Include data, or refer to supporting report or other attachment(s) |

|  |
| --- |
| Additional requirements |
| If any additional requirements of the EPBC Act conditions are identified, these must be specifically addressed here. |

Click + to repeat table

13 Exempt land

Using Table 13.1, provide:

* a statement that all waivers for land relevant to the mining operation are in place and compliant with exempt land provisions, in accordance with Section 9 of the [*Mining Act 1971*](https://www.legislation.sa.gov.au/LZ/C/A/MINING%20ACT%201971.aspx).
* an update on whether notice has been given to the Mining Registrar that an exempt land agreement has been entered into.

Table 13.1 Exempt land statement

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|

|  |  |
| --- | --- |
| All waivers for land relevant to the mining operation are in place, and compliant with exempt land provisions, in accordance with Section 9 of the *Mining Act 1971* | Yes or No (if ‘No’ provide further details on the status on any exempt land provision) |

|  |  |
| --- | --- |
| Notice has been given to the Mining Registrar that an exempt land agreement has been entered into | Yes or No (if ‘No’ provide the date notice will be given to the Mining Register that an exempt land agreement will be entered into) |

 |

14 Complaints

Using Table 14.1, provide a summary of any complaints received during the reporting period and how they were resolved.

Table 14.1 Complaints

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Date of complaint | Nature of the complaint | Complaint related to a noncompliance | What action was taken to address the complaint (or yet to be taken) | Resolution date |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| dd/mm/yyyy | Click to enter text | Yes or No | Detail what action was taken (or yet to be taken) to address the complaint and any issues identified | dd/mm/yyyy |

Click + to repeat row

15 Changes to authorised operations and emerging environmental hazards

Using Table 15.1, for the reporting period, provide a summary list of:

* any change(s) to authorised operations submitted as a review of a PEPR or MOP or submitted as a change notification in accordance with the [terms of reference for change in operations application](https://sarigbasis.pir.sa.gov.au/WebtopEw/ws/samref/sarig1/image/DDD/MD025.pdf).
* any PEPR or MOP approvals.
* any changes to the tenement terms and conditions approved for the reporting period.

Table 15.1 Changes to authorised operations

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Description of change to existing mining operation | Date submitted to the department | Department response | Date accepted by the department | Current status at the end of the reporting period |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Description of change to existing mining operation | dd/mm/yyyy | Approved or not approved | dd/mm/yyyy | e.g. crushing and screening plant upgrade commenced, estimated completion by *mm/yyyy* |

Click + to repeat row

|  |
| --- |
| Provide a description of any new or emerging environmental hazards that apply, or appear to be arising, in relation to mining operations |
| e.g. uranium mineralisation intersected and the development of radiation management plan has commenced; acid sulfate soils were intersected when excavating drill sumps (list control measures implemented to prevent environmental harm) |

16 Technical reports

Using Table 16.1, provide a summary list of all technical data, studies and reports generated during the reporting period that support the achievement of tenement conditions and environmental outcomes and objectives in the approved PEPR or MOP.

Table 16.1 Technical reports

|  |  |
| --- | --- |
| Report title | Author(s) |

|  |  |
| --- | --- |
| List full report title and published date | List author(s) as found in report |

Click + to repeat row

17 Voluntary information

Using the tables below, provide a summary list of additional information beyond the minimum required by legislation to demonstrate compliance. Inclusion of this information will enhance stakeholder relationships, maintain a social licence to operate and is strongly recommended.

Table 17.1 Voluntary information

|  |  |
| --- | --- |
| Item | Description |

|  |  |
| --- | --- |
| e.g. project footprint; greenhouse gas emissions; electricity consumption; annual water usage; water management and recycling; number of employees (company and contractors) | Click to enter text |

Click + to repeat row

Table 17.2 Community engagement

|  |  |
| --- | --- |
| Community or wider environment support activities | Description |

|  |  |
| --- | --- |
| e.g. community consultative committee meetings; mine open days, field day attendance, cultural heritage training; environmental research information | Click to enter text |

Click + to repeat row

Appendix A Public liability insurance

Attach a certificate of insurance coverage. Documents should certify that insurance is current.

Appendix B Exploration on mining leases

Complete this appendix for all exploration on mining leases.

### B1 Exploration activities, exploration rehabilitation, exploration liabilities on the mining lease

|  |  |  |
| --- | --- | --- |
| Have any exploration activities been conducted during the current reporting period? | Yes or no | If yes, complete all sections of Appendix B. |
| Have rehabilitation activities been undertaken during the reporting period? | Yes or no | If yes, complete all sections of Appendix B. |
| Is there any outstanding rehabilitation from current or previous reporting periods to be undertaken? | Yes or no | If yes, complete all sections of Appendix B. |

If no to all of above, no further information on exploration activities is required.

### B2 Summary of exploration activities and status of rehabilitation

Using Table B2.1, provide a summary of all exploration activities and the rehabilitation status of all exploration sites at the end of the current reporting period.

Table B2.1 Summary of exploration activities

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Tenement number | Program notification submit date | Drillholes or sites | Rehabilitated drill sites | Drill lines / access tracks | Drill line/access track length (km) | Costeans | Costeans rehabilitated | Comments |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Click to enter text | dd/mm/yyyy | Click to enter text | Click to enter text | Click to enter text | Click to enter text | Click to enter text | Click to enter text | Click to enter text |

Click + to repeat row

Using Tables B2.2 to B2.4 (where applicable), detail the location and rehabilitation status of all exploration sites during the current reporting period and unrehabilitated sites from previous reporting periods.

Table B2.2 Drillhole or site rehabilitation status

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Tenement number | Program notification submit date | Drillholes or sites | Date drilled | Drilling method\* | Hole depth (m) | Number of sumps and dimensions | Drill pad size (m2) | Easting (GDA 94) | Northing (GDA 94) | Zone | Rehabilitation date | Status† | Planned rehabilitation date | Comments |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Click to enter text | dd/mm/yyyy | Click to enter text | dd/mm/yyyy | Click to enter text | Click to enter text | Click to enter text | Click to enter text | Click to enter text | Click to enter text | Click to enter text | dd/mm/yyyy | Click to enter text | dd/mm/yyyy | Click to enter text |

Click + to repeat row

\* AC aircore or vacuum; RM rotary mud; RC reverse circulation; RAB rotary air blast; D diamond; P percussion; V vibracore; O other.

† C drillsite completely rehabilitated; N no rehabilitation completed; PR partial rehabilitation – specify remaining rehabilitation to be completed within the comments section.

Table B2.3 Access track or drill line rehabilitation status

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Tenement number | Program notification submit date | Track identification | Tracks or lines created (km) | Rehabilitated tracks or lines (km) | Area of disturbance (ha or m2) | Rehabilitation date | Rehabilitation method | Tracks or lines to be rehabilitated (km) | Planned rehabilitation date | Comments |

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Click to enter text | dd/mm/yyyy | Click to enter text | Click to enter text | Click to enter text | Click to enter text | dd/mm/yyyy | Click to enter text | Click to enter text | dd/mm/yyyy | Click to enter text |

Click + to repeat row

Table B2.4 Costean rehabilitation status

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Tenement number | Program notification submit date | Costean identification | Date excavated | Dimensions (length, width, depth) | Total area of disturbance | Easting (GDA2020) | Northing (GDA2020) | Zone | Rehabilitation status | Costean rehabilitation date | Planned rehabilitation date | Comments |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Click to enter text | dd/mm/yyyy | Click to enter text | dd/mm/yyyy | Click to enter text | Click to enter text | Click to enter text | Click to enter text | Click to enter text | Click to enter text | dd/mm/yyyy | dd/mm/yyyy | Click to enter text |

Click + to repeat row

Summarise rehabilitation activities planned for the next reporting period.

|  |
| --- |
| Click to enter text |

Using Table B2.5, demonstrate how drillholes that intersect a single confined aquifer, multiple aquifers or artesian aquifers were abandoned in accordance with Information Sheet M21 [*Mineral exploration drillholes – general specifications for construction and abandonment*](https://sarigbasis.pir.sa.gov.au/WebtopEw/ws/samref/sarig1/wci/Record?r=0&m=1&w=catno=2023886).

Table B2.5 Drillhole abandonment summary

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Tenement number | Drillhole | Aquifer(s) intersected? | Backfilling requirements | Total depth (m) | Drilling completion date | Aquifer formation name | Aquifer interval (m) | Type of aquifer(s) intersected | Cementing interval (m) | Comments |

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Click to enter text | Click to enter text | yes or no | e.g. cuttings only or cuttings and cement grout plugs | Click to enter text | dd/mm/yyyy | Click to enter text | from – to | e.g. unconfined, confined or artesian | from – to | Click to enter text |

Click + to repeat row

Provide a drillhole abandonment or completion diagram(s).

|  |  |  |
| --- | --- | --- |
| Date prepared | Location details | Comments |
| dd/mm/yyyy | Click to enter text | Click to enter text |
| Click below to insert a picture |
|  |

Click + to repeat table

### B3 Photos

Using Table B3.1, include representative photos to demonstrate compliance with approved environmental outcomes. Ensure that all information about each photo is completed.

Table B3.1 Photo monitoring – *duplicate table as required*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Site identification or details | Date taken | Easting (GDA2020) | Northing (GDA2020) | Zone | Comments |
| Click to enter text | dd/mm/yyyy | Click to enter text | Click to enter text | Click to enter text | Click to enter text |
| Click below to insert a picture |
|  |

Click + to repeat table

### B4 Maps

Using Table B4.1, provide appropriate map(s) of all exploration activities conducted. Include all activities conducted during this reporting and previous reporting periods, and the rehabilitation status of each site (drillholes, tracks or drill traverses, costeans or trenches). Ensure that all information about each map is completed.

Table B4.1 Maps showing exploration activities

|  |  |  |
| --- | --- | --- |
| Date prepared | Site identification / details | Comments |
| dd/mm/yyyy | Click to enter text | Click to enter text |
| Click below to insert a picture |
|  |

Click + to repeat table

Appendix C Supporting reports

Supporting reports must be included in the compliance report if detailed information regarding monitoring, investigations and technical reports are required to demonstrate compliance with environmental outcomes and objectives –including mine completion outcomes and objectives. Follow these keys in the preparation of supporting reports:

* When appending a technical report, include a summary of the main findings and conclusions. Link conclusions back to the approved PEPR or MOP and the relevant environmental outcome, objective or tenement conditions.
* Where large sets of data have been collected, use charts and tables to summarise findings.
* Graphic representations of the data must clearly display labels, units and values.

Appendix D Example compliance with environmental outcomes/objectives and leading indicator criteria

Table D.1 Compliance with environmental outcomes/objectives *– example only*

|  |  |  |
| --- | --- | --- |
| **Aspect**Aboriginal heritage | **Tenement(s)**ML 123 | **Compliance status**Compliant |
| **Environmental outcome/objective**The tenement holder must during construction, operation and post completion ensure that there is no damage, disturbance or interference to Aboriginal heritage sites, objects or remains unless it is authorised under the relevant legislation. |
| **Tenement condition**See ML 123 Schedule 6, Condition 1 |
| **Measurement criteria**OMC1 – Annual audit of land disturbance permits demonstrate that infrastructure locations are within the approved work areas, cultural heritage survey report conditions, and have authorisations in accordance with the Aboriginal Heritage Act 1988 (SA) prior to any ground disturbance occurring.OMC2 – Annual audit of cultural heritage survey records demonstrate that upon discovery of new Aboriginal heritage sites, objects or remains at infrastructure locations were treated in accordance with the Cultural Heritage Management Plan until authorisations under the Aboriginal Heritage Act were obtained. |
| **Measurement criteria summary** *– further details can be provided in a supporting appendix, but sufficient details must be provided in this section*OMC1 – All land disturbance has been spatially audited against land disturbance permit boundaries using survey data, drone and satellite imagery in ArcGIS, and has confirmed all works were completed within approved work areas, cultural heritage survey report conditions and with authorisation in accordance with the Aboriginal Heritage Act. OMC2 – No new Aboriginal sites discovered during the reporting period. Existing sites are demarcated to ensure operations don’t encroach. |
| **Leading indicator criteria** *– further details can be provided in a supporting appendix, but sufficient details must be provided in this section*Monthly inspection (i.e. ground survey, drone flyover or suitable alternative method) at infrastructure locations during construction demonstrates land clearing has not been undertaken outside of areas defined in the associated land disturbance permit. |
| **Leading indicator summary** *– further details can be provided in a supporting appendix, but sufficient details must be provided in this section*Thirty-two on-ground land disturbance permit inspections were undertaken during the reporting period in conjunction with regular capture of drone imagery and survey pickups. All 32 inspections demonstrated that land clearing has not been undertaken outside of areas defined in the associated land disturbance permit. |
| **Effectiveness of existing controls**The existing control strategies continue to prove effective. Further demonstration on the effectiveness of strategies is provided below.- Avoidance of sites of cultural heritage significance as determined in consultation with the traditional owners.- Cultural heritage surveys with the traditional owners.- Cultural Heritage Register and supporting GIS information (shape files) to record or identify clearance areas and status.- Land disturbance approval process.- Cultural awareness training.- Area-specific and site inductions and training.- Cultural heritage management plan.- Identification and fencing of sites of cultural heritage significance.- Cultural heritage sites are identified through cultural heritage surveys prior to the commencement of any work, all known sites are recorded and issued in cultural heritage reports with associated GIS data. The cultural heritage reports are document controlled and the master cultural heritage shape file is updated upon receipt of reports identifying all ground that has been culturally surveyed, sites identified as culturally cleared, sites identified as not culturally cleared and any specific obligations.- Land disturbance permits are not approved or issued until the cultural heritage aspects have been reviewed by the company heritage advisor. Traditional owner cultural monitors are present during initial land disturbance.- There has been no disturbance of these sites since commencement of mining operations in 2013 including throughout 2019. |
| **Supporting report reference**n/a |

Table D.2 Compliance with environmental outcomes/objectives *– example only*

|  |  |  |
| --- | --- | --- |
| **Aspect**Groundwater – drawdown | **Tenement(s)**ML 123 | **Compliance status**Compliant |
| **Environmental outcome/objective**The tenement holder must during construction, operation and post completion ensure that there is no adverse change to groundwater quantity within aquifers outside of the predicted extent of groundwater drawdown delineated by the groundwater model as a result of mining operations or mining related activities. |
| **Tenement condition**See ML 123 Schedule 6, Condition 1 |
| **Measurement criteria**OMC1 – Quarterly monitoring of groundwater compliance monitoring wells demonstrates that the standing water levels don’t exceed the compliance site-specific trigger values. |
| **Measurement criteria summary** *– further details can be provided in a supporting appendix, but sufficient details must be provided in this section*OMC1 – No exceedances of compliance levels. Refer to Appendix n for all monitoring results – i.e. hydrographs and figures of monitoring locations.Summary results and discussion: Standing water levels were measured quarterly at well A and well B throughout the reporting period. Water levels for both compliance wells remained above baseline levels and are therefore compliant throughout the reporting period. An example of well A at monitoring site 1 is provided below.Well A standing water levels (mToC) |
| **Leading indicator criteria** *– further details can be provided in a supporting appendix, but sufficient details must be provided in this section*Quarterly monitoring of groundwater leading indicator monitoring well C demonstrates that the standing water levels are trending in accordance with the established hydrographs (See PEPR, Appendix B). |
| **Leading indicator summary** *– further details can be provided in a supporting appendix, but sufficient details must be provided in this section*Monitoring well C was monitored quarterly throughout the reporting period. Standing water levels in the leading indicator well (blue line) showed either no deviation from the predicted hydrographs (red line), or minor fluctuations throughout the year ending with water levels in line with the predicted hydrographs.Well C standing water levels (mAHD) vs predicted standing water levels (mAHD) |
| **Effectiveness of existing controls**The existing control strategies continue to prove effective. Further demonstration on the effectiveness of strategies is provided below.- Site water balance based on modelling inputs and life of mine plan.- Production wellfield and mine dewatering will not exceed maximum daily abstraction rate (PEPR, Table 6.19).- Water balance to be updated in conjunction with life of mine plan.- Flow/sump meters to monitor abstraction and mine dewatering rates.- Ongoing calibration of the groundwater model using data obtained from groundwater monitoring- Installed capacity of pumping infrastructure is below maximum daily abstraction rate.- Current mine inflows are within modelled parameters. |
| **Supporting report reference**Appendix A Environmental compliance technical report. |

# PART 3 – Annual compliance report for operations producing >100,000 tonnes or have RLE >$1M

Use this template to report mining activity and compliance for all authorised operations on a mining lease (ML), miscellaneous purpose licence (MPL) and a private mine (PM) if the authorised operations extract an amount exceeding 100,000 tonnes per annum or have a rehabilitation liability estimate (RLE), as set out in the PEPR/MOP, above $1,000,000AUD.

Refer to the [terms of reference for mining compliance reports](https://sarigbasis.pir.sa.gov.au/WebtopEw/ws/samref/sarig1/image/DDD/MD009.pdf) when completing this report.

*Insert company mining compliance report title page and remove Parts 1 and 2.*

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1 Declaration of accuracy

This report is prepared for the Department for Energy and Mining to fulfil the annual mining compliance reporting requirements for the tenements listed herein. The information contained in this report is to the best of my knowledge a true and accurate record of the mining activities and compliance status for the reporting period.

|  |  |
| --- | --- |
| Name | Click to enter text |
| Position | Click to enter text |
| Company or agent | Click to enter text |
| Signature | Click to enter text |
| Date | dd/mm/yyyy |
| Summary of steps undertaken to review the compliance report to ensure its accuracy | Provide a summary of the steps the tenement holder has taken to ensure the accuracy of the document here |

2 Public liability insurance

Provide details relating to public liability insurance and attach a certificate evidencing insurance coverage as Appendix A to this compliance report. Documents provided should certify that the insurance is current.

|  |
| --- |
| Click to enter text |

3 Identification

|  |  |
| --- | --- |
| Mine name(s) | Include commonly used name of the mine(s) |
| Tenement holder(s) | Include company name, address and contact details |
| Operating company(s) | Include company name, address and contact details of company(s) that have worked on the listed tenement(s) during the reporting period (other than the tenement holder) |
| Tenement number(s) | Include tenement type and number |
| Program for environment protection and rehabilitation PEPR(s) or mine operation plan (MOP) document | Provide the name of the approved PEPR/MOP document | PEPR/MOP no.(s) | Click to enter text |
| PEPR(s)/MOP approval date | dd/mm/yyyy |
| Site contact | Name | Click to enter text |
|  | Email | Click to enter text |
|  | Phone | Click to enter text |
| Location details | Provide general area of the State, distance and direction to nearest town |
| Reporting period | From dd/mm/yyyy | To dd/mm/yyyy |
| Compliance report submission date | dd/mm/yyyy |

4 Tenements

Using Table 4.1 provide a summary list and the status of currency of all tenements covered by the approved PEPR(s)/MOP(s).

Table 4.1 Tenement summary

|  |  |  |  |
| --- | --- | --- | --- |
| **Tenement** | **Tenement grant date** | **Tenement expiry date** | **Status of currency** |

|  |  |  |  |
| --- | --- | --- | --- |
| Insert tenement type and number | dd/mm/yyyy | dd/mm/yyyy | e.g. renewal application submitted to the department on dd/mm/yyyy |

Click + to repeat row

Provide a plan(s) of the mining operation showing all tenement boundaries covered by the approved PEPR/MOP. Ensure all maps and plans conform to the standards specified within the [terms of reference for mining compliance reports.](https://sarigbasis.pir.sa.gov.au/WebtopEw/ws/samref/sarig1/image/DDD/MD009.pdf)

Click below to insert plan(s).



Click + to add images

5 Other approvals

Using Table 5.1, provide a summary list and the current status of any approvals required to authorise the mining operation that are relevant to the achievement of environmental outcomes and objectives within the approved PEPR/MOP, and or compliance with the tenement conditions.

5.1 Other approvals

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Approval document** | **Regulatory authority or other** | **Supporting documents** | **Relevant environmental outcome/objective or tenement condition** | **Status of currency** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Environment Protection Authority (EPA) authorisation | South Australian EPA | Landfill Environment Management Plan | ML xxx, Schedule x, Condition x | e.g. renewal application submitted to EPA on dd/mm/yyyy |

Click + to repeat row

6 Ore reserves and mineral resources

Using Table 6.1, provide a statement of the estimated mine life.

Table 6.1 Estimated mine life

|  |  |
| --- | --- |
| **Estimated mine life** (years) | Click to enter text |
| **Notes**e.g. reasons for any variations |

Note: There are legislative requirements for tenements holders conducting exploration activities with specific reporting requirements set down in regulation 78 of the Mining Regulations 2020. If any exploration has been undertaken during the reporting period, technical reports and data must be provided to the department in accordance with Mineral Regulatory Guidelines MG13 [*Mineral exploration reporting guidelines for South Australia*](https://sarigbasis.pir.sa.gov.au/WebtopEw/ws/samref/sarig1/wci/Record?r=0&m=1&w=catno=2035368).

Provide,using tables and text as required:

* a statement of the current mineral resource and ore reserve estimates in the tenement area, broken down by individual deposits where possible. Reporting should be compliant with Joint Ore Reserve Committee standards or equivalent international codes accepted by the Committee for Mineral Reserves International Reporting Standards. If mineral resources or ore reserves reporting is outside the scope of these codes, provide a brief description of the basis of the estimates, to the satisfaction of the department, including demonstration that the resource continues to be economically mined at current commodity prices.
* a statement of any change in the mineral resource and ore reserves from those that form the basis for the mining operation in the approved PEPR.
* a summary of any new delineation or exploration drilling activities on the tenement, or any other potential sources of ore, such as from nearby mines, that may have a significant effect on the future production levels and mine life.
* a summary of exploration details, included in Appendix B, using the exploration on mining leases template.

7 Mining, processing and waste storage activities

Using the tables below provide:

* a summary of the quantity of ore mined and processed in the reporting period, and the expected quantity to be mined and processed in the next reporting period.
* a summary of the quantity of ore currently stockpiled on the tenement, the amount of concentrate or other products exported from the tenement in the reporting period, and the amount expected to be exported in the next reporting period.
* a summary of the amount of overburden or waste mined during the reporting period, the amount of overburden or waste to be mined during the next period and the amount of overburden or waste mined since commencement of mining operations.

Table 7.1 Ore mining

|  |  |  |  |
| --- | --- | --- | --- |
| Ore mined – mine life | Ore mined – reporting period | Expected quantity to be mined during next reporting period | Quantity of ore stockpiled on the tenement at the end of reporting period |
| Insert quantity and units | Insert quantity and units | Insert quantity and units | Insert quantity and units |
| **Production notes**e.g. reasons for any variations |

Table 7.2 Ore processing

|  |  |  |
| --- | --- | --- |
| Ore processed – mine life | Ore processed – reporting period | Expected quantity of ore to be processed next reporting period |
| Insert quantity and units | Insert quantity and units | Insert quantity and units |
| **Production notes**e.g. reasons for any variations |

Table 7.3 Concentrate or other product exported

|  |  |  |
| --- | --- | --- |
| Concentrate or other product exported – mine life | Amount of concentrate or other product exported – reporting period | Expected amount of concentrate or other product to be exported next reporting period |
| Insert quantity and units | Insert quantity and units | Insert quantity and units |
| **Production notes**e.g. reasons for any variations |

Table 7.4 Overburden or waste mined

|  |  |  |
| --- | --- | --- |
| Overburden or waste mined – mine life | Overburden or waste mined – reporting period | Expected amount of overburden or waste to be mined next reporting period |
| Insert quantity and units | Insert quantity and units | Insert quantity and units |
| **Production notes**e.g. reasons for any variations |
| Volume of potential acid forming (PAF) and non-acid forming (NAF) material mined during reporting period |
| Domain: WRD, TSF etc. | NAF: insert quantity and units | PAF: insert quantity and units |
| Remaining capacity of current waste facilities or planned future waste facilities as per approved PEPR/MOP |
| Domain: WRD, TSF etc. | NAF: insert quantity and units | PAF: insert quantity and units |
| Is there sufficient capacity in the current or planned future waste facilities as per approved PEPR/MOP? If not, include what future work is required. |
| Click to enter text |

8 Compliance with environmental outcomes/objectives and leading indicator criteria

Using Table 8.1, provide a statement that operations were, or were not, compliant with each environmental outcome/objective (including mine completion outcomes/objectives) specified in the tenement conditions or approved PEPR/MOP. The statement must be supported by a summary of measurement criteria data that clearly demonstrates the conclusion that the environmental outcome/objective was (or was not) fully achieved.

Summarise data relating to any leading indicator criteria in the approved PEPR/MOP. If any leading indicator criteria have been, or will become, relevant to the operation of any control strategy, the report must state the actions that were taken and if the relevant controls strategies continue to be effective.

Where instances of noncompliance with the relevant environmental outcomes/objectives in either the approved PEPR/MOP or tenement conditions have occurred during the current reporting period, also complete Table 10.1.

Table 8.1 Compliance with environmental outcomes

|  |  |  |
| --- | --- | --- |
| **Aspect**e.g. air quality, surface water | **Tenement(s)**Click to enter text | **Compliance status**Click to choose a status |
| **Environmental outcome/objective**As specified in approved PEPR/MOP |
| **Tenement condition**Corresponding tenement condition – if applicable |
| **Outcome/objective measurement criteria**As specified in approved PEPR/MOP |
| **Outcome/objective measurement criteria summary. Further details can be provided in a supporting appendix, but sufficient details must be provided in this section.**Summarise outcome/objective measurement criteria data as supporting evidence to demonstrate that the environmental outcome/objective was (or was not) fully achieved. |
| **Leading indicator criteria.** As specified in approved PEPR/MOP |
| **Leading indicator summary. Further details can be provided in a supporting appendix, but sufficient details must be provided in this section.**Summarise data relating to any leading indicator criteria and state any actions taken, if relevant. |
| **Effectiveness of existing controls**Provide a statement concerning the effectiveness of existing control strategies.List any additional control strategies implemented in the reporting period or to be adopted in the next reporting period to demonstrate that the environmental outcome/objective can and will continue to be achieved. |
| **Supporting report reference**Click to enter text |

Click + to repeat table

9 Compliance with non-outcome-based tenement conditions

Using Table 9.1, provide a statement on the compliance status of any tenement conditions of the lease or licence that do not relate to an environmental outcome in the approved PEPR. Provide evidence to support the statement of compliance.

This section is not relevant to Private Mines.

Table 9.1 Compliance with non-outcome-based tenement conditions

|  |  |  |
| --- | --- | --- |
| Tenement condition and number | Compliance status | Evidence demonstrating compliance with tenement condition |

|  |  |  |
| --- | --- | --- |
| ML *nnnn*, Schedule *n*, Condition *n* | Click to choose a status | Provide qualitative or quantitative evidence to support the compliance conclusion. If detailed data is required, include this as an appendix, and summarise the data in this table. |

Click + to repeat row

If instances of noncompliance with the relevant tenement conditions have occurred during the current reporting period, also complete Table 10.1.

10 Rectification of non-compliances

Where instances of non-compliance have occurred during the reporting period, complete Table 10.1.

Table 9.1 Rectification of non-compliances

|  |  |
| --- | --- |
| **Date of the incident** dd/mm/yyyy | **Date the incident was reported** dd/mm/yyyy |
| **What environmental outcome/objective or tenement condition was breached?**Click to enter text |
| **State the cause of the non-compliance**Click to enter text |
| **Detail any actions taken or yet to be taken to rectify the non-compliance and to prevent the recurrence of any such noncompliance.**Click to enter text |

Click + to repeat table

|  |
| --- |
| Where non-compliances under regulation 79 of the *Mining Regulations 2020* have previously been reported in compliance reports and not fully rectified at the time of reporting, a status update to assess the effectiveness of rectification must be provided. |
| **Summarise actions being undertaken to rectify previous non-compliances.** If unable to demonstrate compliance, state reasons relevance of the outcome/objective and measurement criteria to the current risk profile of the project or current stage of the project.Click to enter text |

11 Disturbance and rehabilitation activities

Using the tables below, provide a summary of the disturbance and rehabilitation activities. A plan should be included if there was an increase or decrease to the disturbance footprint during the reporting period.

Table 11.1 Disturbance activities

|  |  |  |  |
| --- | --- | --- | --- |
| Area | Description of disturbance activity carried out during the reporting period | Amount of land disturbed during the reporting period (hectares) | Total area disturbed (hectares) |

|  |  |  |  |
| --- | --- | --- | --- |
| Area or domain | Outline disturbance that has occurred | Hectares | Hectares |

Click + to repeat row

|  |  |  |
| --- | --- | --- |
| **Total** | Hectares | Hectares |

Table 11.2 Rehabilitation activities

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Area | Description of rehabilitation works carried out during the reporting period | Amount of land rehabilitated during the reporting period (hectares) | Estimated amount of land to be rehabilitated in the next reporting period (hectares) | Total amount of land where rehabilitation works are completed (hectares) |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Area or domain | Outline the rehabilitation that has occurred | Hectares | Hectares | Hectares |

Click + to repeat row

|  |  |  |  |
| --- | --- | --- | --- |
| **Total** | Hectares | Hectares | Hectares |

|  |
| --- |
| Strategies implemented to avoid or minimise disturbance |
| Click to enter text |
| Provide a summary of any potential improvements learned from previous rehabilitation activities |
| Click to enter text |

Insert map or plan showing the disturbance and rehabilitation that has occurred during the reporting period.



12 Reconciliation of native vegetation clearance

If the PEPR/MOP includes an approved native vegetation management plan (NVMP) for the clearance of native vegetation under the *Native Vegetation Act 1991*, detail, using tables, text and figures as required:

* the approved maximum native vegetation clearance, as described in the PEPR/MOP (in hectares and shown on a plan)
* the amount of native vegetation cleared in the reporting period (in hectares and shown on a plan)
* the total amount cleared to date
* any payment made to the Native Vegetation Council within the reporting period
* an estimated amount proposed to be cleared in the next reporting period
* provision of information, including annual monitoring and progress reports to demonstrate compliance with the NVMP where the Significant Environmental Benefit (SEB) is being provided by the tenement holder or mine operator with an on-ground SEB offset.

Insert map, plan or figure showing the amount of approved maximum native vegetation clearance and amount of native vegetation cleared in the reporting period.



13 Environment Protection and Biodiversity Conservation Act reporting

Using Table 13.1, where the tenement was the subject of an approval under the Commonwealth Environment Protection and Biodiversity Conservation Act 1999 (EPBC Act), include a summary report demonstrating compliance with all EPBC Act approval conditions.

Table 13.1 Environment Protection and Biodiversity Conservation Act reporting

|  |  |  |  |
| --- | --- | --- | --- |
| Condition number | Condition | Compliance status | Evidence demonstrating compliance with condition |
| Click to enter text | Click to enter text | Click to choose a status | Include data, or refer to supporting report or other attachment(s) |

|  |
| --- |
| Additional requirements |
| If any additional requirements of the EPBC Act conditions are identified, these must be specifically addressed here. |

Click + to repeat table

14 Exempt land

Using Table 14.1, provide:

* a statement that all waivers for land relevant to the mining operation are in place and compliant with exempt land provisions, in accordance with Section 9 of the [*Mining Act 1971*](https://www.legislation.sa.gov.au/LZ/C/A/MINING%20ACT%201971.aspx).
* an update on whether notice has been given to the Mining Registrar that an exempt land agreement has been entered into.

Table 14.1 Exempt land statement

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|

|  |  |
| --- | --- |
| All waivers for land relevant to the mining operation are in place, and compliant with exempt land provisions, in accordance with Section 9 of the *Mining Act 1971* | Yes or No (if ‘No’ provide further details on the status on any exempt land provision) |

|  |  |
| --- | --- |
| Notice has been given to the Mining Registrar that an exempt land agreement has been entered into | Yes or No (if ‘No’ provide the date notice will be given to the Mining Register that an exempt land agreement will be entered into) |

 |

Using Table 14.2, provide the status of exempt land, and a plan showing all exempt land relevant to the mining operations. The plan must detail the extent of mining operations at the end of the reporting period.

Table 14.2 Exempt land status

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Name of person entitled to exemption | Certificate of title or crown land details | Reason for exemption | Area of exemption | Date waiver registered/obtained | Any relevant conditions |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Name of landowner | Click to enter text | e.g. house, cropping land, bore, dam | Area of lease in hectares affected by exempt land | dd/mm/yyyy | e.g. rehabilitation requirements Note: do not include compensation conditions. |

Click + to repeat row



15 Complaints

Using Table 15.1, provide a summary of any complaints received during the reporting period and how they were resolved.

Table 15.1 Complaints

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Date of complaint | Nature of the complaint | Complaint related to a noncompliance | What action was taken to address the complaint (or yet to be taken) | Resolution date |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| dd/mm/yyyy | Click to enter text | Yes or No | Detail what action was taken (or yet to be taken) to address the complaint and any issues identified | dd/mm/yyyy |

Click + to repeat row

16 Management system reviews

Using Table 16.1, provide a summary of any management system reviews undertaken during the reporting period to ensure compliance with relevant tenement conditions and environmental outcomes and objectives – including mine completion outcomes and objectives.

Table 16.1 Management system reviews

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Audit aspect | Date of audit | Auditor | Issues, recommendations for improvement noted | Corrective actions identified |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| What aspect(s) of the management system was audited or reviewed? | dd/mm/yyyy | Who undertook the audit or review? | What issues or recommendations for improvement were noted? | What corrective action has been, or will be, taken to address any issues identified? |

Click + to repeat row

|  |
| --- |
| Issues identified |
| Provide details of any assessment of issues identified in the audit or review with the potential to lead to a noncompliance with approved environmental outcomes/objectives |

17 Verification of uncertainty

Using Table17.1, provide:

* a description and status of works undertaken or proposed during the reporting period to address any identified uncertainties or assumptions made in the approved PEPR or MOP.
* a description and status of works undertaken or proposed during the reporting period to address any additional uncertainties or assumptions identified since the PEPR or MOP was approved.

Table 17.1 Verification of uncertainty

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Description of assumption or uncertainty | Estimated date to resolve | Progress in reporting period | Confirmed? | Works proposed to be undertaken in next reporting period |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Groundwater model – refer to mining proposal or PEPR/MOP | Estimated date that sufficient data has been acquired to confirm assumption or model with high-level of confidence | Summarise data acquired, and if this data is consistent with assumption or model | Yes or No – i.e. has sufficient data been acquired to provide a high level of confidence in assumption? | A brief explanation of additional works |

Click + to repeat row

18 Changes to authorised operations and emerging environmental hazards

Using Table 18.1, for the reporting period, provide a summary list of:

* any change(s) to authorised operations submitted as a review of a PEPR or MOP or submitted as a change notification in accordance with the [terms of reference for change in operations application](https://sarigbasis.pir.sa.gov.au/WebtopEw/ws/samref/sarig1/image/DDD/MD025.pdf).
* any PEPR or MOP approvals.
* any changes to the tenement terms and conditions approved for the reporting period.

Table 18.1 Changes to authorised operations

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Description of change to existing mining operation | Date submitted to the department | Department response | Date accepted by the department | Current status at the end of the reporting period |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Description of change to existing mining operation | dd/mm/yyyy | Approved or not approved | dd/mm/yyyy | e.g. crushing and screening plant upgrade commenced, estimated completion by *mm/yyyy* |

Click + to repeat row

|  |
| --- |
| Provide a description of any new or emerging environmental hazards that apply, or appear to be arising, in relation to mining operations |
| e.g. uranium mineralisation intersected and the development of radiation management plan has commenced; acid sulfate soils were intersected when excavating drill sumps (list control measures implemented to prevent environmental harm) |

19 Technical reports

Using Table 19.1, provide a summary list of all technical data, studies and reports generated during the reporting period that support the achievement of tenement conditions and environmental outcomes and objectives in the approved PEPR or MOP.

Table 19.1 Technical reports

|  |  |
| --- | --- |
| Report title | Author(s) |

|  |  |
| --- | --- |
| List full report title and published date | List author(s) as found in report |

Click + to repeat row

20 Voluntary information

Using the tables below, provide a summary list of additional information beyond the minimum required by legislation to demonstrate compliance. Inclusion of this information will enhance stakeholder relationships, maintain a social licence to operate and is strongly recommended.

Table 20.1 Voluntary information

|  |  |
| --- | --- |
| Item | Description |

|  |  |
| --- | --- |
| e.g. project footprint; greenhouse gas emissions; electricity consumption; annual water usage; water management and recycling; number of employees (company and contractors) | Click to enter text |

Click + to repeat row

Table 20.2 Community engagement

|  |  |
| --- | --- |
| Community or wider environment support activities | Description |

|  |  |
| --- | --- |
| e.g. community consultative committee meetings; mine open days, field day attendance, cultural heritage training; environmental research information | Click to enter text |

Click + to repeat row

Appendix A Public liability insurance

Attach a certificate of insurance coverage. Documents should certify that insurance is current.

Appendix B Exploration on mining leases

Complete this appendix for all exploration on mining leases.

### B1 Exploration activities, exploration rehabilitation, exploration liabilities on the mining lease

|  |  |  |
| --- | --- | --- |
| Have any exploration activities been conducted during the current reporting period? | Yes or no | If yes, complete all sections of Appendix B. |
| Have rehabilitation activities been undertaken during the reporting period? | Yes or no | If yes, complete all sections of Appendix B. |
| Is there any outstanding rehabilitation from current or previous reporting periods to be undertaken? | Yes or no | If yes, complete all sections of Appendix B. |

If no to all of above, no further information on exploration activities is required.

### B2 Summary of exploration activities and status of rehabilitation

Using Table B2.1, provide a summary of all exploration activities and the rehabilitation status of all exploration sites at the end of the current reporting period.

Table B2.1 Summary of exploration activities

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Tenement number | Program notification submit date | Drillholes or sites | Rehabilitated drill sites | Drill lines / access tracks | Drill line/access track length (km) | Costeans | Costeans rehabilitated | Comments |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Click to enter text | dd/mm/yyyy | Click to enter text | Click to enter text | Click to enter text | Click to enter text | Click to enter text | Click to enter text | Click to enter text |

Click + to repeat row

Using Tables B2.2 to B2.4 (where applicable), detail the location and rehabilitation status of all exploration sites during the current reporting period and unrehabilitated sites from previous reporting periods.

Table B2.2 Drillhole or site rehabilitation status

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Tenement number | Program notification submit date | Drillholes or sites | Date drilled | Drilling method\* | Hole depth (m) | Number of sumps and dimensions | Drill pad size (m2) | Easting (GDA 94) | Northing (GDA 94) | Zone | Rehabilitation date | Status† | Planned rehabilitation date | Comments |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Click to enter text | dd/mm/yyyy | Click to enter text | dd/mm/yyyy | Click to enter text | Click to enter text | Click to enter text | Click to enter text | Click to enter text | Click to enter text | Click to enter text | dd/mm/yyyy | Click to enter text | dd/mm/yyyy | Click to enter text |

Click + to repeat row

\* AC aircore or vacuum; RM rotary mud; RC reverse circulation; RAB rotary air blast; D diamond; P percussion; V vibracore; O other.

† C drillsite completely rehabilitated; N no rehabilitation completed; PR partial rehabilitation – specify remaining rehabilitation to be completed within the comments section.

Table B2.3 Access track or drill line rehabilitation status

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Tenement number | Program notification submit date | Track identification | Tracks or lines created (km) | Rehabilitated tracks or lines (km) | Area of disturbance (ha or m2) | Rehabilitation date | Rehabilitation method | Tracks or lines to be rehabilitated (km) | Planned rehabilitation date | Comments |

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Click to enter text | dd/mm/yyyy | Click to enter text | Click to enter text | Click to enter text | Click to enter text | dd/mm/yyyy | Click to enter text | Click to enter text | dd/mm/yyyy | Click to enter text |

Click + to repeat row

Table B2.4 Costean rehabilitation status

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Tenement number | Program notification submit date | Costean identification | Date excavated | Dimensions (length, width, depth) | Total area of disturbance | Easting (GDA2020) | Northing (GDA2020) | Zone | Rehabilitation status | Costean rehabilitation date | Planned rehabilitation date | Comments |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Click to enter text | dd/mm/yyyy | Click to enter text | dd/mm/yyyy | Click to enter text | Click to enter text | Click to enter text | Click to enter text | Click to enter text | Click to enter text | dd/mm/yyyy | dd/mm/yyyy | Click to enter text |

Click + to repeat row

Summarise rehabilitation activities planned for the next reporting period.

|  |
| --- |
| Click to enter text |

Using Table B2.5, demonstrate how drillholes that intersect a single confined aquifer, multiple aquifers or artesian aquifers were abandoned in accordance with Information Sheet M21 [*Mineral exploration drillholes – general specifications for construction and abandonment*](https://sarigbasis.pir.sa.gov.au/WebtopEw/ws/samref/sarig1/wci/Record?r=0&m=1&w=catno=2023886).

Table B2.5 Drillhole abandonment summary

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Tenement number | Drillhole | Aquifer(s) intersected? | Backfilling requirements | Total depth (m) | Drilling completion date | Aquifer formation name | Aquifer interval (m) | Type of aquifer(s) intersected | Cementing interval (m) | Comments |

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Click to enter text | Click to enter text | yes or no | e.g. cuttings only or cuttings and cement grout plugs | Click to enter text | dd/mm/yyyy | Click to enter text | from – to | e.g. unconfined, confined or artesian | from – to | Click to enter text |

Click + to repeat row

Provide a drillhole abandonment or completion diagram(s).

|  |  |  |
| --- | --- | --- |
| Date prepared | Location details | Comments |
| dd/mm/yyyy | Click to enter text | Click to enter text |
| Click below to insert a picture |
|  |

Click + to repeat table

### B3 Photos

Using Table B3.1, include representative photos to demonstrate compliance with approved environmental outcomes. Ensure that all information about each photo is completed.

Table B3.1 Photo monitoring – *duplicate table as required*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Site identification or details | Date taken | Easting (GDA2020) | Northing (GDA2020) | Zone | Comments |
| Click to enter text | dd/mm/yyyy | Click to enter text | Click to enter text | Click to enter text | Click to enter text |
| Click below to insert a picture |
|  |

Click + to repeat table

### B4 Maps

Using Table B4.1, provide appropriate map(s) of all exploration activities conducted. Include all activities conducted during this reporting and previous reporting periods, and the rehabilitation status of each site (drillholes, tracks or drill traverses, costeans or trenches). Ensure that all information about each map is completed.

Table B4.1 Maps showing exploration activities

|  |  |  |
| --- | --- | --- |
| Date prepared | Site identification / details | Comments |
| dd/mm/yyyy | Click to enter text | Click to enter text |
| Click below to insert a picture |
|  |

Click + to repeat table

Appendix C Supporting reports

Supporting reports must be included in the compliance report if detailed information regarding monitoring, investigations and technical reports are required to demonstrate compliance with environmental outcomes and objectives –including mine completion outcomes and objectives. Follow these keys in the preparation of supporting reports:

* When appending a technical report, include a summary of the main findings and conclusions. Link conclusions back to the approved PEPR or MOP and the relevant environmental outcome, objective or tenement conditions.
* Where large sets of data have been collected, use charts and tables to summarise findings.
* Graphic representations of the data must clearly display labels, units and values.

Appendix D Example compliance with environmental outcomes/objectives and leading indicator criteria

Table D.1 Compliance with environmental outcomes/objectives *– example only*

|  |  |  |
| --- | --- | --- |
| **Aspect**Aboriginal heritage | **Tenement(s)**ML 123 | **Compliance status**Compliant |
| **Environmental outcome/objective**The tenement holder must during construction, operation and post completion ensure that there is no damage, disturbance or interference to Aboriginal heritage sites, objects or remains unless it is authorised under the relevant legislation. |
| **Tenement condition**See ML 123 Schedule 6, Condition 1 |
| **Measurement criteria**OMC1 – Annual audit of land disturbance permits demonstrate that infrastructure locations are within the approved work areas, cultural heritage survey report conditions, and have authorisations in accordance with the Aboriginal Heritage Act 1988 (SA) prior to any ground disturbance occurring.OMC2 – Annual audit of cultural heritage survey records demonstrate that upon discovery of new Aboriginal heritage sites, objects or remains at infrastructure locations were treated in accordance with the Cultural Heritage Management Plan until authorisations under the Aboriginal Heritage Act were obtained. |
| **Measurement criteria summary** *– further details can be provided in a supporting appendix, but sufficient details must be provided in this section*OMC1 – All land disturbance has been spatially audited against land disturbance permit boundaries using survey data, drone and satellite imagery in ArcGIS, and has confirmed all works were completed within approved work areas, cultural heritage survey report conditions and with authorisation in accordance with the Aboriginal Heritage Act. OMC2 – No new Aboriginal sites discovered during the reporting period. Existing sites are demarcated to ensure operations don’t encroach. |
| **Leading indicator criteria** *– further details can be provided in a supporting appendix, but sufficient details must be provided in this section*Monthly inspection (i.e. ground survey, drone flyover or suitable alternative method) at infrastructure locations during construction demonstrates land clearing has not been undertaken outside of areas defined in the associated land disturbance permit. |
| **Leading indicator summary** *– further details can be provided in a supporting appendix, but sufficient details must be provided in this section*Thirty-two on-ground land disturbance permit inspections were undertaken during the reporting period in conjunction with regular capture of drone imagery and survey pickups. All 32 inspections demonstrated that land clearing has not been undertaken outside of areas defined in the associated land disturbance permit. |
| **Effectiveness of existing controls**The existing control strategies continue to prove effective. Further demonstration on the effectiveness of strategies is provided below.- Avoidance of sites of cultural heritage significance as determined in consultation with the traditional owners.- Cultural heritage surveys with the traditional owners.- Cultural Heritage Register and supporting GIS information (shape files) to record or identify clearance areas and status.- Land disturbance approval process.- Cultural awareness training.- Area-specific and site inductions and training.- Cultural heritage management plan.- Identification and fencing of sites of cultural heritage significance.- Cultural heritage sites are identified through cultural heritage surveys prior to the commencement of any work, all known sites are recorded and issued in cultural heritage reports with associated GIS data. The cultural heritage reports are document controlled and the master cultural heritage shape file is updated upon receipt of reports identifying all ground that has been culturally surveyed, sites identified as culturally cleared, sites identified as not culturally cleared and any specific obligations.- Land disturbance permits are not approved or issued until the cultural heritage aspects have been reviewed by the company heritage advisor. Traditional owner cultural monitors are present during initial land disturbance.- There has been no disturbance of these sites since commencement of mining operations in 2013 including throughout 2019. |
| **Supporting report reference**n/a |

Table D.2 Compliance with environmental outcomes/objectives *– example only*

|  |  |  |
| --- | --- | --- |
| **Aspect**Groundwater – drawdown | **Tenement(s)**ML 123 | **Compliance status**Compliant |
| **Environmental outcome/objective**The tenement holder must during construction, operation and post completion ensure that there is no adverse change to groundwater quantity within aquifers outside of the predicted extent of groundwater drawdown delineated by the groundwater model as a result of mining operations or mining related activities. |
| **Tenement condition**See ML 123 Schedule 6, Condition 1 |
| **Measurement criteria**OMC1 – Quarterly monitoring of groundwater compliance monitoring wells demonstrates that the standing water levels don’t exceed the compliance site-specific trigger values. |
| **Measurement criteria summary** *– further details can be provided in a supporting appendix, but sufficient details must be provided in this section*OMC1 – No exceedances of compliance levels. Refer to Appendix n for all monitoring results – i.e. hydrographs and figures of monitoring locations.Summary results and discussion: Standing water levels were measured quarterly at well A and well B throughout the reporting period. Water levels for both compliance wells remained above baseline levels and are therefore compliant throughout the reporting period. An example of well A at monitoring site 1 is provided below.Well A standing water levels (mToC) |
| **Leading indicator criteria** *– further details can be provided in a supporting appendix, but sufficient details must be provided in this section*Quarterly monitoring of groundwater leading indicator monitoring well C demonstrates that the standing water levels are trending in accordance with the established hydrographs (See PEPR, Appendix B). |
| **Leading indicator summary** *– further details can be provided in a supporting appendix, but sufficient details must be provided in this section*Monitoring well C was monitored quarterly throughout the reporting period. Standing water levels in the leading indicator well (blue line) showed either no deviation from the predicted hydrographs (red line), or minor fluctuations throughout the year ending with water levels in line with the predicted hydrographs.Well C standing water levels (mAHD) vs predicted standing water levels (mAHD) |
| **Effectiveness of existing controls**The existing control strategies continue to prove effective. Further demonstration on the effectiveness of strategies is provided below.- Site water balance based on modelling inputs and life of mine plan.- Production wellfield and mine dewatering will not exceed maximum daily abstraction rate (PEPR, Table 6.19).- Water balance to be updated in conjunction with life of mine plan.- Flow/sump meters to monitor abstraction and mine dewatering rates.- Ongoing calibration of the groundwater model using data obtained from groundwater monitoring- Installed capacity of pumping infrastructure is below maximum daily abstraction rate.- Current mine inflows are within modelled parameters. |
| **Supporting report reference**Appendix A Environmental compliance technical report. |