|  |  |
| --- | --- |
| Licence Number | *[Insert Licence Number]* |

Scope

|  |  |
| --- | --- |
| This risk treatment plan is for the control of: | *[Insert Hazard]* |

A mining hazard means any mining activity and circumstance that may pose a risk to the environment, to any member of the public or to land, property or infrastructure in the vicinity of work carried out at a mine site.

**Note: If your mining hazards are more complex (e.g. blasting, slope instability), they may require technical investigations to develop site-specific controls and specific management plans.**

Key sensitive receptors

Key sensitive receptors include the environment, any member of the public or land, property or infrastructure in the vicinity of a mine site that may be impacted or put at risk by the hazard associated with the mining activity.

The key sensitive receptors associated with this hazard include:

| # | Details of the Sensitive Receptor | Location and proximity to site | How Hazard may harm or damage Sensitive Receptor | Evidence to support assessment |
| --- | --- | --- | --- | --- |
| 1 |  |  |  |  |
| 2 |  |  |  |  |
| 3 |  |  |  |  |
| 4 |  |  |  |  |
| 5 |  |  |  |  |

*[Add or delete rows from the above table as appropriate]*

To determine the key sensitive receptors, consider:

* Members of the public – public health, safety, amenity and Aboriginal heritage
* Land, property and infrastructure: neighbouring property as well as nearby infrastructure such as highways, schools and hospitals
* Environment: air, water, soil, vegetation, flora and fauna outside the work area

Risk Events

These are the risk events associated with the hazard. Include an **inherent risk rating** for each event considering the design proposal of the project.

The project phase options include construction, operation and closure, or a combination. If you feel that the inherent risk for the same risk event will differ in different project phases, then list the risk event for each project phase.

*[The likelihood and consequence should be assessed using the descriptors provided by Earth Resources Regulation and the risk rating determined using Earth Resources Regulation’s risk matrix.]*

| # | Details of the Risk Event | Phase | Consequence | Likelihood | Inherent Risk Rating |
| --- | --- | --- | --- | --- | --- |
| 1 |  |  |  |  |  |
| 2 |  |  |  |  |  |
| 3 |  |  |  |  |  |
| 4 |  |  |  |  |  |
| 5 |  |  |  |  |  |

*[Add or delete rows from the above table as appropriate]*

Objectives

The objectives are the key aims or goals of the control measures that will be out in place to eliminate or minimise, as far as reasonably practicable, the identified risk events.

*[Examples of the Objectives are included in the guidance sheets for managing hazards.]*

*[Note: Each objective does not need to relate to all of the control measures.]*

The key objectives of this risk treatment plan are to:

* *Insert Objective*
* *Insert Objective*
* *Insert Objective*

Compliance standards

The compliance standards are the key best practice standards or guidelines that will be achieved with the control measures in place. These best practice standards or guidelines may come from the EPA, State Environment Protection Policy or other regulatory agencies.

*[Examples of the Compliance standards are included in the guidance sheets for managing hazards.]*

*[Note: Each compliance standard does not need to relate to all of the control measures.]*

The compliance standards for this risk treatment plan are:

* *Insert Compliance Standard*
* *Insert Compliance Standard*
* *Insert Compliance Standard*

Acceptance criteria

The acceptance criteria are the measures by which the control measures will be deemed to be effective in achieving the objective and eliminating or minimising, as far as reasonably practicable, the identified risk events. The acceptance criteria could be to achieve a best practice standard (e.g. an EPA standard).

*[Examples of the Acceptance criteria are included in the guidance sheets for managing hazards.]*

*[Note: Each acceptance criteria does not need to relate to all of the control measures.]*

The acceptance criteria for this risk treatment plan are:

* *Insert Acceptance Criteria*
* *Insert Acceptance Criteria*
* *Insert Acceptance Criteria*

Controls to address hazard

The control measures are to be designed to eliminate or minimise, as far as reasonably practicable, the identified risk events. The numbers of the risk events being managed by each control should be recorded against the control along with how the control will be implemented.

*[Examples of Controls are included in the guidance sheets for managing hazards.]*

The controls for this risk treatment plan are:

| # | Details of controls being used | Risk Events being managed (number from above) | Performance standards/ measures *(specifying how the control is being implemented –if not implicit in the control)* |
| --- | --- | --- | --- |
| 1 |  |  |  |
| 2 |  |  |  |
| 3 |  |  |  |
| 4 |  |  |  |
| 5 |  |  |  |

*[Add or delete rows from the above table as appropriate]*

Residual Risk Assessment

Considering the controls being put in place the assessment of the residual risk associated with the risk events identified for this hazard is shown in the table below.

**Note: If your quarrying hazards are more complex (e.g. blasting, slope instability), they may require technical investigations to develop site-specific controls and specific management plans, such as a blast management plan or a ground control management plan.**

*[The likelihood and consequence should be assessed using the descriptors provided by Earth Resources Regulation and the risk rating determined using Earth Resources Regulation’s risk matrix.]*

| # | Details of the Risk Event | Phase | Consequence | Likelihood | Residual Risk Rating |
| --- | --- | --- | --- | --- | --- |
| 1 | . |  |  |  |  |
| 2 |  |  |  |  |  |
| 3 |  |  |  |  |  |
| 4 |  |  |  |  |  |
| 5 |  |  |  |  |  |

*[Add or delete rows from the table below as appropriate]*

Monitoring

*[List the monitoring of the status or effectiveness of the controls associated with this hazard. Include the aspect being monitored and the detail of the monitoring. Monitoring includes management systems, practices and procedures that are to be applied to monitor and manage risks and compliance with performance standards.]*

*[Examples of monitoring are included in the guidance sheets for managing hazards.]*

| # | Aspect to be monitored | Details of monitoring |
| --- | --- | --- |
| 1 |  |  |
| 2 |  |  |
| 3 |  |  |

*[Add or delete rows from the table below as appropriate]*

Reporting

*[List the reporting of the monitoring, effectiveness or status of the controls associated with this hazard. Include to whom the reporting will be provided, the frequency of the reporting and how it will be used.]*

*[Examples of reporting are included in the guidance sheets for managing hazards.]*

| # | Aspect being reported | Who will the information be reported to and at what frequency? | How will it be used? |
| --- | --- | --- | --- |
| 1 |  |  |  |
| 2 |  |  |  |
| 3 |  |  |  |

*[Add or delete rows from the table below as appropriate]*

Relevant industry publications

*[List any relevant industry publications that support the management and monitoring of this hazard]*

| # | Document | Source (e.g. URL, appendix number) |
| --- | --- | --- |
| 1 |  |  |
| 2 |  |  |
| 3 |  |  |

*[Add or delete rows from the table below as appropriate]*

Operator’s reference documents

*[List any relevant manuals, procedures or other documents that support the management and monitoring of this hazard]*

| # | Document | Location (e.g. work plan appendix number) |
| --- | --- | --- |
| 1 |  |  |
| 2 |  |  |
| 3 |  |  |

*[Add or delete rows from the table below as appropriate]*