|  |  |
| --- | --- |
| Work Authority Number | *[Insert Work Authority Number]* |

Scope

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

A hazard means any quarrying or rehabilitation 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 quarry.

Sensitive receptors

Sensitive receptors are the environment, any member of the public or land, property or infrastructure in the vicinity of a quarry that may be put at risk by the hazard associated with the quarrying or rehabilitation activity.

The 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 (where available) |
| --- | --- | --- | --- | --- |
| 1 |  |  |  |  |
| 2 |  |  |  |  |
| 3 |  |  |  |  |
| 4 |  |  |  |  |
| 5 |  |  |  |  |

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

Sensitive receptors that may be put at risk include, but are not limited to:

* Environment: air, water, soil, vegetation, flora and fauna.
* Members of the public – public health, safety, amenity, Aboriginal heritage and other heritage
* Land, property and infrastructure: neighbouring property and land uses, as well as nearby infrastructure such as highways, schools, hospitals, transmission lines and pipelines

Risks

These are the risks posed by the hazard to the sensitive receptors. Include an inherent risk rating and residual risk rating for each event considering the design proposal of the project.

The inherent risk rating is the risk before any control measures have been applied.

The residual risk rating is the risk level after the control measures have been applied.

The project phase options include set up/construction, operations/production and rehabilitation, 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 for each project phase.

Inherent Risk Assessment

*[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 | Phase | Consequence | Likelihood | Inherent Risk Rating |
| --- | --- | --- | --- | --- | --- |
| 1 |  |  |  |  |  |
| 2 |  |  |  |  |  |
| 3 |  |  |  |  |  |
| 4 |  |  |  |  |  |
| 5 |  |  |  |  |  |

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

Control measures to address hazard

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

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

The control measures for this risk treatment plan are:

| # | Details of control measures being used | Risk being managed (number from above) | Performance standards |
| --- | --- | --- | --- |
| 1 |  |  |  |
| 2 |  |  |  |
| 3 |  |  |  |
| 4 |  |  |  |
| 5 |  |  |  |

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

Residual risk assessment

Considering the control measures being put in place, assessment of the residual risk associated with the risks identified for this hazard is shown in the table below.

If you can eliminate any inherent risks with the application of control measures record them in the table as eliminated (i.e. no Consequence or Likelihood.)

*[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 | Project Phase | Consequence | Likelihood | Residual Risk Rating |
| --- | --- | --- | --- | --- | --- |
| 1 |  |  |  |  |  |
| 2 |  |  |  |  |  |
| 3 |  |  |  |  |  |
| 4 |  |  |  |  |  |
| 5 |  |  |  |  |  |

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 are included in the guidance sheets for managing hazards.]*

|  |
| --- |
| *[Insert Performance Standard]* |
| *[Insert Performance Standard]* |
| *[Insert Performance Standard]* |

Monitoring and ongoing management

*[List the monitoring of the status or effectiveness of the control measures associated with this hazard and the management and/or maintenance of the control measures to ensure compliance with the performance standards. Include the aspect being monitored or managed and the detail of the monitoring or management. This section includes the management systems, practices and procedures that are to be applied to monitor and manage risks and compliance with performance standards.*

| # | Aspect to be monitored/managed | Details of monitoring/ongoing management |
| --- | --- | --- |
| 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]*