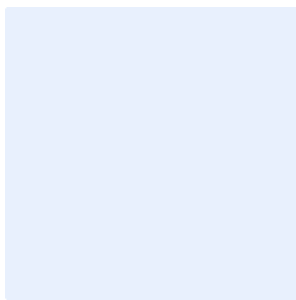


Forward Program Template

Year: 2023

Mine Name	Ezylime Mine		
ABN	12 102 219 367		
Date Submitted			
Submitted via	<input type="checkbox"/> Email	<input type="checkbox"/> Resources Regulator Portal	
	Name	Position	Company
Submitted by			
Authorised by			
Signature			

This template contains the information from the Portal and is to be completed prior to uploading and submitting.

The Guidance / Instructions is provided in blue text and is to be read prior to completing each section.

The information to be submitted to the Portal is to be completed within each section table and must comply with the character limit. Fields in each section have been set to the maximum character limit.

Applicant Details

Guidance / Instructions

Before you get started

This form must be used by holders of mining leases to prepare and submit a forward program to the Secretary (see clauses 9 and 13 in Schedule 8A of the Mining Regulation 2016).

This form must also be used for any amendment of a forward program (see clause 14 in Schedule 8A of the Mining Regulation 2016).

The forward program is required to include:

- a schedule of mining activities for the mining area for the next 3 years,
- a summary of the spatial progression of rehabilitation through its various phases for the next 3 years,
- a requirement that the rehabilitation of land and water disturbed by mining activities under the mining lease must occur as soon as reasonably practicable after the disturbance occurs.

Please ensure you have completed the 'Register mine/Treat multiple leases as a single lease' form pursuant to clause 3 in Schedule 8A of the Mining Regulation 2016 (even if your mine comprises only one mining lease). This will ensure that any submission of a forward program applies to all the mining leases that make up the mining operation.

Prior to the preparation and submission of the forward program, holders must submit all disturbance and rehabilitation spatial theme data through the NSW Resource Regulator's mine rehabilitation portal - <http://www.minerehabilitationportal.nsw.gov.au>. Information on spatial theme requirements is provided on our website www.resourcesregulator.nsw.gov.au in *Guideline: Mine Rehabilitation Portal*.

The forward program is required to be submitted annually to cover the annual reporting period as set out in clauses 15(1) and (2) in Schedule 8A of the Mining Regulation 2016. Holders of mining leases can utilise the '*Amend Reporting/Submission Dates and Extension Request*' form to:

- amend the annual reporting period,
- amend the submission date of the forward program and annual rehabilitation report.

A glossary of the terms used in this form is provided in the Form and way: Annual rehabilitation and report and forward program for large mines. available at www.resourcesregulator.nsw.gov.au

If you have any questions, please contact the NSW Resources Regulator on 1300 814 609 (option 2, then 5) or nswresourcesregulator@service-now.com.

Applicants Name

Ezy Lime Pty Ltd

Surface Disturbance Activities

Guidance/Instructions

Three-year forecast – surface disturbance activities

This section must detail the surface disturbance activities that are proposed, or are likely to be carried out, in areas within the mining leases in the next three years. Reference to the term 'reject material' includes coarse rejects, tailings and any other wastes resulting from beneficiation.

The information included in each section and subsection must address all the instructions detailed in the relevant sections or subsection. Where a section or subsection is not relevant or not applicable, it must be noted as such and a justification provided as relevant.

It is recognised that the information in a forward program may be brief or very detailed. The length and complexity of the forward program will depend on the nature and scale of the mining operation, the level of risk to the environment and the rehabilitation outcomes to be achieved.

Project description

Provide a description of the mining project. The description must be consistent with the development consent for the mine. (limit 1000 characters)

The Ezyline Mine (the Mine) is located on Lot 64 DP 750163, Gunningbland, which is owned by Mr W. Dunford and located approximately 20km west of Parkes, NSW. All activities associated with the Mine are undertaken within an area identified as the "Mine Site", commensurate with the boundary of ML 1568. Development Application (DA) 00110 was granted on 20 October 2005 to permit the extraction of limestone within Lot 64 DP750163. DA 00110 approves extraction of an average of 4,167 tonnes per month (50,000t per annum) from the approved extraction area which contains a total resource of approximately 1.65 million tonnes. Extraction activities at the Mine commenced in 2005 and are anticipated to continue until 2045. The Mine primarily produces agricultural limestone which is supplied to the local Co-operative, local farmers, and the surrounding region. Crushed rock suitable for use as road base is also sold to both the private and public sector.

Description of surface disturbance activities

Detail the surface disturbance activities proposed for the next three years. Information in this section must address the activities illustrated in Plan 2.

Exploration activities

Identify and describe exploration activities that are proposed or likely to be proposed to be carried out in areas within the mining leases in the next three years (Limit 1500 characters)

No exploration activities are scheduled to occur within the Mine Site during the next three year period.

Construction activities

Identify and describe any construction activities scheduled in the next three years. (Limit 1500 characters)

Rerouting of the Mine Site access road. Ongoing development of the active mining area.

Mining schedule

Outline the sequence and staging of mining operations over the next three years. This must be consistent with the life of mine rehabilitation schedule described in the rehabilitation management plan and relevant development consent(s).

Describe the method of mining development and sequencing and general mine features. (Limited 1500 characters)

It is anticipated that the Company will confine the extraction of limestone to the approved extraction area, with ongoing extraction gradually proceeding towards the north-eastern boundary of the approved extraction boundary (Plan 1A).

Approved mining operations comprise drill and blast open cut mining. Recovered overburden will be relocated into completed sections of the extraction area and shaped to form the final landform, where practicable, or temporarily stockpiled within the overburden emplacement area (Plan 1A)

Processing, including crushing and screening, of limestone materials and stockpiling of limestone products occurs on site. Products are progressively loaded and transported to points of use using a front-end loader and road-registered trucks.

Describe the areas identified for emplacements, the sequencing of emplacements, construction and management. (Limit 1500 characters)

Cleared vegetation is temporarily stockpiled adjacent to the extraction area for use in progressive rehabilitation activities, including for future use as habitat structures.

Stripped soil material is stockpiled adjacent to the active extraction area for progressive rehabilitation activities.

Overburden material is relocated to completed sections of the extraction area and shaped to form the final landform, where practicable, or temporarily stockpiled.

Limestone materials are stockpiled within the extraction area and/or the stockpiling area.

Identify processing infrastructure activities and the location of tailings facilities and schedule for emplacement. (Limit 1500 characters)

Processing, including crushing and screening of limestone materials, occurs onsite. The existing processing plant within the extraction area would continue to be utilised for the next three years. There are no tailings areas of facilities at the Mine.

Describe waste disposal and materials handling operations over the next three years. This should include a discussion of disposal of putrescible waste, hydrocarbons, and management of contaminated soils. (Limit 1500 characters)

Production waste (i.e. non-saleable product, overburden) will continue to be used for landform profiling operations.

Non-producton waste will continue to be managed as follows.

- General waste will be segregated into recyclable and non-recyclable materials and removed from site to a licenced waste facility.
- Pump out toilet facilities are provided and are serviced by a licenced contractor.
- Oils and other hydrocarbons are transported to site on a daily basis as required and waste oils are removed from site to a licenced waste facility on te day they are generated.

Key production milestones

Provide an outline of the key production milestones that underpin the proposed rehabilitation schedule.

Material	Unit	Year 1	Year 2	Year 3
Stripped topsoil (if applicable)	m ³	0	504	0
Rock/overburden	m ³	0	756	0
Ore	Mt	50000	50000	50000
Reject material	Mt	0	0	0
Product	Mt	50000	50000	50000

Rehabilitation Forecast

Guidance/Instructions

Three-year rehabilitation forecast

This section must detail the rehabilitation and rehabilitation planning activities that will be carried out, or are likely to be carried out, in areas within the mining leases in the next three years.

The information included in each section and subsection must address all the instructions detailed in the relevant sections or subsection. Where a section or subsection is not relevant or not applicable, it must be noted as such and a justification provided as relevant.

It is recognised that the information in a forward program may be brief or very detailed. The length and complexity of the forward program will depend on the nature and scale of the mining operation, the level of risk to the environment and the rehabilitation outcomes to be achieved.

Rehabilitation research and trials

This table must include (where applicable) details of the rehabilitation research and trials that will be carried out in the three-year forecast period. Rehabilitation research and trials that have been superseded by other programs or cancelled should be identified as such using the drop down options provided.

Three-year rehabilitation forecast

Rehabilitation planning schedule

Provide a schedule, with defined milestones, outlining the rehabilitation planning activities (where applicable) that will be carried out over the next three years, to address potential knowledge gaps and to ensure that rehabilitation is undertaken as soon as reasonably practicable. (Limit 1500 characters)

Due to proposed rerouting of the Mine Site access road, rehabilitation of the decommissioned section of the access road will occur during the next three years (see Plan 2C).

No additional areas of disturbance are expected to become available for rehabilitation operations during the next three year period. As a result limited potential exists for progressive rehabilitation during the next three year period.

Provide an overview of relevant stakeholder consultation that will be carried out over the next three years. (Limit 1500 characters)

No additional rehabilitation-related consultation is expected to be undertaken over the next three years.

Provide an overview of rehabilitation studies, risk assessments and/or design work associated with finalising the rehabilitation methodologies relating to establishment of the final landform,

surface water management, final void management, and tailings dam decommissioning that will be carried out over the next three years. (Limit 1500 characters)

Given the fact that rehabilitation operations are not expected to commence until development of the Extraction Areas has progressed significantly, no rehabilitation research or rehabilitation trials are expected to be undertaken within the Mine Site during the next three years.

Rehabilitation research and trials will commence once an area of suitable size within the Extraction Area has been developed and is no longer required for ongoing mining operations. Indicatively, this will include trials to confirm the optimal:

- substrate and growth medium depth and treatment; and
- revegetation species and methodologies.

The results of the rehabilitation research and trials will be presented in the Annual Rehabilitation Report for the Mine.

Rehabilitation maintenance and corrective actions

Include a detailed description of the rehabilitation maintenance and corrective action measures that will be carried out to address all rehabilitation performance issues and/or knowledge gaps identified in the latest annual rehabilitation report. (Limit 1500 characters)

No rehabilitation performance issues or knowledge gaps were identified in the Annual Rehabilitation Report.

Rehabilitation schedule

Outline the key activities required to implement the mining and rehabilitation schedule for the next three years. The information in this section must be consistent with the spatial depiction of progressive rehabilitation shown on Plan 2. Note: This section must describe how the mining and rehabilitation schedule has been developed to minimise disturbance and progressively rehabilitate as soon as reasonably practicable. (Limit 1500 characters)

Rehabilitation of the decommissioned site access road will occur within the next three years (Plan 2C).

Subsidence remediation for underground operations

Provide an overview of the nature and scope of any subsidence monitoring and expected remediation works proposed to be conducted over the next three years. (Limit 1000 characters)

As no underground operations are conducted as part of the Mine's operations.

Rehabilitation research and trials

Commented [MB1]: Complete Table

Provide a detailed description of the rehabilitation research and trials that will be carried out in the three-year forecast period (where applicable). This must include the rehabilitation research and trials identified in the rehabilitation management plan and/or any other rehabilitation research or trials proposed to address knowledge gaps identified in annual rehabilitation reports.

List of active rehabilitation research and trials

RRT no.	Project/trial name	Objective of trial/project	Methodology	Expected date of completion	Status	On track

Mining and Rehabilitation

Guidance/Instructions

Progressive mining and rehabilitation statistics

Three-yearly forecast cumulative disturbance and rehabilitation progression

Based on the information presented in Plan 2, this section must provide a summary of the forecast cumulative disturbance and rehabilitation progression during the next three years. The submission of all spatial data required for Plan 2 is a pre-requisite to being able to generate the forecast statistics required in this part of the forward program. These statistics / values will be generated automatically in the forward program using the data entered into the mine rehabilitation portal (which can only occur following submission of the spatial data themes to generate Plan 2). You can go to the "I want to" menu in the mine rehabilitation portal and select "Prepare KPI Report" to generate a summary of this data.

The purpose of the information is to provide a detailed breakdown of disturbance and rehabilitation progress on an annual basis. This is a transparent way of:

- calculating cumulative disturbance and rehabilitation totals
- developing rehabilitation targets and key performance indicators
- comparing actual areas and reasons for change, as per the annual rehabilitation report and forward program
- calculating and validating rehabilitation cost estimates.

The definitions for each reporting category are outlined in **Table 1** below:

Reporting category	Definition
Total disturbance footprint – surface disturbance (A1)	All areas within a mining lease that either have at some point in time or continue to pose a rehabilitation liability due to surface disturbance activities. The total disturbance footprint is the sum of the total active disturbance, decommissioning, landform establishment, growth medium development, ecosystem and land use establishment, ecosystem and land use development and rehabilitation completion (see definitions below). Underground mining operations should not include the footprint of underground mining areas/subsidence management areas in the total disturbance footprint.
Total active disturbance (B)	Includes on-lease exploration areas, stripped areas ahead of mining, infrastructure areas, water management infrastructure, sewage treatment facilities, topsoil stockpile areas, access tracks and haul roads, active mining areas, waste rock emplacements (active/unshaped/in or out-of-pit), tailings dams (active/unshaped/uncapped) and temporary stabilised areas (e.g. areas sown with temporary cover crops for dust mitigation and temporary rehabilitation).

Reporting category	Definition
Rehabilitation – land preparation (C)	<p>Includes the sum of all disturbed land within a mining lease that has commenced any, or all, of the following phases of rehabilitation:</p> <p><u>Decommissioning</u> – being activities associated with the removal of mining infrastructure and removal and/or remediation of contaminants and hazardous materials. In the context of the rehabilitation management plan (for large mines only) this phase of rehabilitation may also include studies and assessments associated with decommissioning and demolition of infrastructure or works carried out to make safe or 'fit for purpose' built infrastructure to be retained for future use(s) following lease relinquishment.</p> <p><u>Landform establishment</u> - This phase of rehabilitation consists of the processes and activities required to construct the approved final landform (as per the development consent and, for large mines, the approved final landform and rehabilitation plan). In addition to profiling the surface of rehabilitation areas to the approved final landform profile, this phase may include works to construct surface water drainage features, encapsulate problematic materials such as tailings, and prepare a substrate with the desired physical and chemical characteristics (e.g. rock raking or ameliorating sodic materials).</p> <p><u>Growth medium development</u> - This phase of rehabilitation consists of activities required to establish the physical, chemical and biological components of the substrate required to establish the desired vegetation community (including short-lived pioneer species) to ensure achievement of the approved or, if not yet approved, the proposed:</p> <ul style="list-style-type: none"> • rehabilitation objectives • rehabilitation completion criteria • for large mines – final landform and rehabilitation plan. <p>This phase may include spreading the prepared landform with topsoil and/or subsoil and/or soil substitutes, applying soil ameliorants to enhance the physical, chemical and biological characteristics of the growth media, and actions to minimise loss of growth media due to erosion.</p>
Ecosystem and land use establishment (D)	<p>Includes the area which has been seeded/planted with the target vegetation species for the intended final land use. However, vegetation has not matured to a stage where it can be demonstrated that it will be sustainable for the long-term and/ or require only a maintenance regime consistent with target reference/analogous sites.</p> <p>Typically, rehabilitation areas would be in this phase for at least two years (and usually more) before rehabilitation can be classified as being in the ecosystem and land use development phase. This phase does not apply to infrastructure areas that are being retained as part of final land use for the site.</p>

Rehabilitation key performance indicators (KPIs)

Based on the cumulative disturbance and rehabilitation progression information provided, this section must identify progressive rehabilitation key performance indicators (KPIs) during the next three year term. The submission of all spatial data required for Plan 2 is a pre-requisite to being able to generate the forecast statistics required in this part of the forward program. These statistics / values will be generated automatically in the forward program using the data entered into the mine rehabilitation portal (which can only occur following submission of the spatial data themes to generate Plan 2). You can go to the "I want to" menu in the mine rehabilitation portal and select "Prepare KPI Report" to generate a summary of this data.

The definitions for the progressive rehabilitation KPI categories are outlined in **Table 2** below:

Reporting category	Definition
Total new active disturbance area during reporting period (O)	The area of any new active disturbance that will be created during the next three years (definition A1 in Table 1 above).
Area of land proposed for active rehabilitation during reporting period (P)	The sum of any new rehabilitation to be commenced in the next three years. These areas may be in phases "Rehabilitation – Land Preparation" or "Ecosystem and Land Use Establishment" (definitions C and D in Table 1 above).
Annual rehabilitation to disturbance ratio (Q)	The rehabilitation to disturbance ratio (P:O) indicates how many hectares of new rehabilitation are undertaken for each hectare or land disturbed during the three years. A ratio of 1:1 indicates that the area of new rehabilitation and disturbance in the period are the same.

Progressive Mining and Rehabilitation Statistics

Three-yearly forecast cumulative disturbance and rehabilitation progression

Provide a summary of the forecast cumulative disturbance and rehabilitation progression during the next three years. **Table auto-fills in portal based on uploaded spatial data**

	Year 1	Year 2	Year 3
a) Total disturbance footprint – surface disturbance	Autofill	Autofill	Autofill
b) Total active disturbance (ha)	Autofill	Autofill	Autofill
c) Rehabilitation – land preparation (ha)	Autofill	Autofill	Autofill
d) Ecosystem and land use establishment (ha)	Autofill	Autofill	Autofill

Rehabilitation Cost Estimate

Guidance/Instructions

Rehabilitation Cost Estimate

A Rehabilitation Cost Estimate (RCE) must be based on one of the following specific stages of disturbance:

- maximum disturbance within a term (including liabilities associated with previous and on-going surface disturbance activities); or
- snapshot of disturbance.

Where the “maximum disturbance within a term” method is used by a lease holder, the RCE will need to be aligned with the three-yearly forecast for surface disturbance and rehabilitation activities (including liabilities associated with previous and on-going surface disturbance activities) as detailed in the forward program (i.e. three year timeframe).

Where the “snapshot of disturbance” method is used by a lease holder, the RCE will need to be aligned with the actual surface disturbance and rehabilitation activities at that point in time (as detailed in the annual rehabilitation report).

The RCE must be calculated using the Department’s Rehabilitation Cost Estimation Tool and submitted via email to nswresourcesregulator@service-now.com

A lease holder is required to submit a RCE to the Department whenever a potential change in rehabilitation liability occurs. The RCE will be assessed by the Department to assist in determining the amount of the security deposit.

Further details are provided in Guideline: Rehabilitation cost estimate available on our website at www.resourcesregulator.nsw.gov.au.

Important

The NSW Resources Regulator is currently developing an exciting new way for mines to calculate and submit their rehabilitation cost estimate. This will be implemented in latter half of 2022.

In the meantime, please continue to use the RCE Tool <https://www.resourcesregulator.nsw.gov.au/sites/default/files/2022-05/REVISED-rehabilitation-cost-estimation-tool.xlsm>.

Latest assessed deposit determination

Latest assessed deposit determination for is \$. **Assessed deposit value auto-fills in portal**

All authority holders are required to lodge a security deposit with the department to cover the government's full costs in undertaking rehabilitation in the event of default by the authority holder.

The Rehabilitation Cost Estimate is used by the department to help determine the amount of the security. Refer to Rehabilitation cost estimate guidelines for more information.

The Rehabilitation Cost Estimate must include the cost of fulfilling all rehabilitation liabilities, including liabilities associated with previous and on-going surface disturbance activities.

The Rehabilitation Cost Estimate must be email separately to nswresourcesregulator@service-now.com

Finalise

Guidance / Instructions

Before you submit

Make sure you check all information before submission.

If you have any questions, please contact the NSW Resources Regulator on 1300 814 609 (option 2, then 5) or via email at nswresourcesregulator@service-now.com

Rehabilitation cost estimate

A rehabilitation cost estimate prepared in accordance with the NSW Resources Regulator's Rehabilitation Cost Estimation Tool must be submitted separately to nswresourcesregulator@service-now.com

The Rehabilitation Cost Estimation Tool can be accessed at www.resourcesregulator.nsw.gov.au

Submission of Plan 2 - Mining and Rehabilitation Three-Year Forecast (PDF)

Plan 2 - Mining and Rehabilitation Three-Year Forecast must be attached as a PDF. Plan 2 may be produced using the mine rehabilitation portal map viewer 'print to PDF' function. The Plan 2 must be attached as a series of sub-plans as set out below. Please note that there is a 100 character limit for the file names so the naming convention should be similar to that below:

- Plan 2A Mine Name – Year 1
- Plan 2B Mine Name – Year 2
- Plan 2C Mine Name – Year 3.

Finalise and submit application

Declaration

If this application is lodged by any party other than the title holder (i.e. an agent), the Department may seek confirmation of that authority and any limits of that authority given to that other party by the authority holder (refer to section 163F Mining Act 1992). The agent will need to complete the declaration at the end of this form and supply evidence of their appointment, if not already supplied to the Department.

I certify that the information provided in this application is true and correct.

I understand that under Part 5A of the Crimes Act 1900, knowingly giving false or misleading information is a serious offence; and under Section 378C of the Mining Act 1992, any person who provides information that the person knows to be false or misleading is guilty of an offence, for which they may be subject to prosecution.