



<b>Licence number</b>	L8449/2010/1	
<b>Licence holder</b>	Silver Lake Resources Limited	
<b>ACN</b>	108 779 782	
<b>Registered business address</b>	Suite 4, Level 3 South Shore Centre 85 South Perth Esplanade South Perth WA 6151	
<b>DWER file number</b>	2010/003336-1	
<b>Duration</b>	09/09/2013 to	08/09/2030
<b>Date of issue</b>	05/09/2013	
<b>Date of amendment</b>	27/07/2020	
<b>Premises details</b>	Mount Monger Operations  Mining Tenements:  M26/129, M26/251, M26/410, M26/38, M26/280, M26/500, M26/636, M26/325, M26/389, M26/393, M26/94, M26/402, M26/411, M26/282, M26/415 and G26/167.	

<b>Prescribed premises category description (Schedule 1, <i>Environmental Protection Regulations 1987</i>)</b>	<b>Assessed production / design capacity</b>
Category 12 - Screening, etc. of material (other than premises within category 5 or 8) on which material extracted from the ground is screened, washed, crushed, ground, milled, sized or separated.	500,000 tonnes per annual period
Category 64 Class II putrescible landfill site: premises on which waste (as determined by reference to the waste type set out in the document entitled "Landfill Waste Classification and Waste Definitions 1996" published by the Chief Executive Officer and as amended from time to time) is accepted for burial.	5000 tonnes per annual period
Category 57 – Used tyre storage (general): premises (other than premises within category 56) on which used tyres are stored.	Up to 600 tyres stored at any one time

This licence is granted to the licence holder, subject to the attached conditions, on 27 July 2020, by:

**Lauren Fox**

**A/MANAGER – RESOURCE INDUSTRIES**

an officer delegated under section 20 of the *Environmental Protection Act 1986* (WA)

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## Interpretation

In this licence:

- (a) the words ‘including’, ‘includes’ and ‘include’ in conditions mean “including but not limited to”, and similar, as appropriate;
- (b) where any word or phrase is given a defined meaning, any other part of speech or other grammatical form of that word or phrase has a corresponding meaning;
- (c) where tables are used in a condition, each row in a table constitutes a separate condition;
- (d) any reference to an Australian or other standard, guideline, or code of practice in this licence:
  - (i) if dated, refers to that particular version; and
  - (ii) if not dated, refers to the latest version and therefore may be subject to change over time;
- (e) unless specified otherwise, any reference to a section of an Act refers to that section of the EP Act; and
- (f) unless specified otherwise, all definitions are in accordance with the EP Act.

**NOTE:** This licence requires specific conditions to be met but does not provide any implied authorisation for other emissions, discharges, or activities not specified in this licence.

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## Introduction

This Introduction is not part of the Licence conditions.

### Who we are

The Department of Water and Environmental Regulation (DWER) is a Government Department for the State of Western Australia in the portfolio of the Minister for Environment. DWER’s purpose is to advise on and implement strategies for a healthy environment for the benefit of all current and future Western Australians.

## Our industry licensing role

DWER has responsibilities under Part V of the Environmental Protection Act 1986 (the Act) for the licensing of prescribed premises. Through this process DWER works with the business owners, community, consultants, industry and other representatives to prevent, control and abate pollution and environmental harm to conserve and protect the environment. DWER also monitors and audits compliance with works approvals and licence conditions, takes enforcement action as appropriate and develops and implements licensing and industry regulation policy.

## Licence requirements

This Licence is issued under Part V of the Act. Conditions contained with the licence relate to the prevention, reduction or control of emissions and discharges to the environment and to the monitoring and reporting of them.

Where other statutory instruments impose obligations on the Premises/Licence Holder the intention is not to replicate them in the licence conditions. You should therefore ensure that you are aware of all your statutory obligations under the Act and any other statutory instrument. Legislation can be accessed through the State Law Publisher website using the following link: <https://www.legislation.wa.gov.au/legislation/statutes.nsf/default.html>

For your Premises relevant statutory instruments include but are not limited to obligations under the:

*Environmental Protection (Unauthorised Discharges) Regulations 2004* – these regulations make it an offence to discharge certain materials such as contaminated stormwater into the environment other than in the circumstances set out in the regulations.

*Environmental Protection (Controlled Waste) Regulations 2004* - these regulations place obligations on you if you produce, accept, transport or dispose of controlled waste.

*Environmental Protection (Noise) Regulations 1997* – these regulations require noise emissions from the Premises to comply with the assigned noise levels set out in the regulations.

You must comply with your licence. Non-compliance with your licence is an offence and strict penalties exist for those who do not comply.

Licence holders are also reminded of the requirements of section 53 of the Act which places restrictions on making certain changes to prescribed premises unless the changes are in accordance with a works approval, licence, closure notice or environmental protection notice.

## Licence Fees

If you have a licence that is issued for more than one year, you are required to pay an annual licence fee prior to the anniversary date of issue of your licence. Non-payment of annual licence fees will result in your licence ceasing to have effect meaning that it will no longer be valid and you will need to apply for a new licence for your Premises.

## Ministerial conditions

If your Premises has been assessed under Part IV of the Act you may have had conditions imposed by the Minister for Environment. You are required to comply with any conditions imposed by the Minister.

## Premises description and Licence summary

Silver Lake Resources Limited (SLR) conducts crushing and screening activities across a number of contiguous tenements (see map) at the Mt Monger Operations approximately

54km southeast of Kalgoorlie and 50 km from Mt Monger. The equipment for this activity is a Terex Finlay Supertrack with ancillary crushing and stockpiling plant and consists of a Hartel jaw crusher, a Terex Finlay Supertrack, screen deck and sorter.

Waste material from the Christmas Flat open pit and Daisy Milano underground mine is crushed, screened and stockpiled to produce road base for the Mount Monger Operations. The material is used to sheet haul roads and access roads as road base material is required. It is anticipated that approximately 500 tonnes of road base is produced per month.

The Christmas Flat and Daisy Milano mining areas are located less than 1 km apart and the plant is track mounted and is mobilised along an existing haulage route. The area is in open eucalypt woodland of the Coolgardie Bioregion; dominant land uses are grazing and mining. The main issue of potential concern is dust from the screening plant activity. The dust is managed by water sprays via a water cart.

In 2016 an amendment was sought by the proponent to authorise the disposal of Special Waste Type 1 (asbestos containing material) and soda lime at the site's Class II putrescible landfill at the Daisy Milano Waste Rock Dump. Soda lime is a material used in emergency operations to absorb CO<sub>2</sub> from exhaled breath in spaces with limited oxygen. It was estimated that SLR would be required to dispose of 100 kg per annual period. Asbestos was contained within the leftover pulps from past drill programs. Asbestos contaminated material was authorised for disposal at the landfill under this amendment. Conversely DWER did not consider the disposal of soda lime to a Class II putrescible landfill acceptable due to the waste product's high alkalinity, solubility and ability to enter the environment.

In 2018, SLR submitted the licence amendment application to dispose of asbestos containing material, bound within the waste rock, at the Daisy Milano Waste Rock Dump (WRD). Mine planning indicated further volumes of ACM were likely to be intercepted, requiring disposal. The licence was amended to increase the volume of waste for disposal at the Category 64 landfill facility located at Daisy Milano to 4,400 tonnes of ACM estimated to be encountered each year for ten years of mine operations from the date of the amendment – 2018. A small amount of tyres were required to be disposed of within the landfill facility, initially 200 and then approximately 50/year. Silver Lake have committed to disposing tyres according to the below:

- burial under a final soil cover of not less than 500 mm;
- in batches separated from each other by at least 100 mm of soil; and
- ensuring that drainage, safety, soil erosion and soil stability is controlled.

In 2020 SLR submitted an amendment application to increase throughput for category 64 activities by an additional 600 tonnes per year of inert waste type 1 and 2 and contaminated solid waste. Additionally SLR notified DWER of storage of up to 600 used tyres per year (15 tonnes) for a period of up to 12 months prior to burial. This triggered the amendment of licence to include category 57, with associated tyre management conditions.

### DWER initiated amendment

The CEO initiated an amendment to the type and style of the Licence during July 2019 and issued a revised Licence consolidating changes made under Amendment Notices issued between 2016 to 2019 (as detailed in the instrument log below), where relevant. The obligations of the Licence Holder have not changed in making this amendment. During the consolidation of this amendment; DWER has not undertaken any additional risk assessment of the Premises.

In consolidating the licence, the CEO has:

- updated the format and appearance of the Licence;
- deleted the redundant AACR form set out in schedule 1 of the previous licence and advised the Licence Holder to obtain the form from the Department's website;

- revised licence condition numbers, removed any redundant conditions and realigned condition numbers for numerical consistency; and
- corrected clerical mistakes and unintentional errors.

The licences and works approvals issued for the Premises since 2010 are:

Instrument log		
Instrument	Issued	Description
W4675/2010/1	10/06/2010	New works approval
L8449/2010/1	01/10/2010	New licence
L8449/2010/1	05/09/2013	Licence amendment to REFIRE format
L8449/2010/1	01/05/2014	Licence amendment to remove ambient dust monitoring conditions
L8449/2010/1	12/03/2015	Licence amendment to include a Class II putrescible landfill
L8449/2010/1	03/03/2016	Amendment notice: Licence amendment to authorise the disposal of Special Waste Type 1 at the putrescible landfill
L8449/2010/1	27/07/2020	Licence amendment to increase throughput associated with inert waste type 1 and 2. Additional tyre storage (up to 600 tyres stored at any one time) triggering inclusion of category 57 on licence.  Administrative amendment to consolidate/amalgamate separately issued licence amendment notices in the licence.

## Severance

It is the intent of these Licence conditions that they shall operate so that, if a condition or a part of a condition is beyond the power of this Licence to impose, or is otherwise *ultra vires* or invalid, that condition or part of a condition shall be severed and the remainder of these conditions shall nevertheless be valid to the extent that they are within the power of this Licence to impose and are not otherwise *ultra vires* or invalid.

**END OF INTRODUCTION**

# Licence Conditions

## 1. General

**1. Interpretation** In the Licence, definitions from the *Environmental Protection Act 1986* apply unless the contrary intention appears.

1.1.2 In the Licence, unless the contrary intention appears:

**‘the Act’** means the *Environmental Protection Act 1986*;

**‘annual period’** means the period from 1 October until 30 September in the following year;

**‘Acceptance Criteria’** has the meaning defined in Landfill Definitions;

**‘CEO’** for the purpose of correspondence means;

Chief Executive Officer  
Department Administering the *Environmental Protection Act 1986*  
Locked Bag 10  
JOONDALUP DC WA 6027  
Telephone: (08) 6367 7000  
Facsimile: (08) 6367 7001  
Email: info@dwer.wa.gov.au

**‘Clean Fill’** has the meaning defined in Landfill Definitions;

**‘Inert Waste Type 1’** has the meaning defined in Landfill Definitions;

**‘Inert Waste Type 2’** has the meaning defined in Landfill Definitions;

**‘Landfill Definitions’** means the document titled “Landfill Waste Classification and Waste Definitions 1996” published by the Chief Executive Officer of the Department of Environment as amended from time to time;

**‘Licence’** means this licence numbered L8449/2010/1 and issued under the *Environmental Protection Act 1986*;

**‘Licence Holder’** means the person or organisation named as Licence Holder on page 1 of the Licence;

**‘Premises’** means the area defined in the Premises Map in Schedule 1 and listed as the Premises address on page 1 of the Licence;

**‘Putrescible Waste’** has the meaning defined in Landfill Definitions;

**‘Schedule 1’** means Schedule 1 of this Licence unless otherwise stated;

**‘Schedule 2’** means Schedule 2 of this Licence unless otherwise stated; and

**‘Special Waste Type 1’** has the meaning defined in Landfill Definitions;

**‘usual working day’** means 0800 – 1700 hours, Monday to Friday excluding public holidays in Western Australia.

1.1.3 Any reference to an Australian or other standard in the Licence means the relevant parts of the current version of that standard.

1.1.4 Any reference to a guideline or code of practice in the Licence means the current version of the guideline or code of practice.

## 1.2 Premises operation

1.2.1 The Licence Holder shall only accept waste on to the landfill if:

- (a) it is of a type listed in Table 1.2.1; and
- (b) the quantity accepted is below any quantity limit listed in Table 1.2.1; and
- (c) it meets any specification listed in Table 1.2.1.

Table 1.2.1: Waste acceptance		
Waste type	Quantity limit tonnes/ annual period	Specification <sup>1</sup>
Special Waste Type 1	4000	Asbestos containing material – waste rock
Inert Waste Type 1	900	None specified
Inert Waste Type 2		Tyres and plastics only. Up to 600 tyres whole or bailed stored at the premises at any one time.
Contaminated solid waste		Must meet acceptance criteria for Class II landfills.
Putrescible Waste	100	Cement bonded asbestos. No fibrous asbestos shall be accepted.
Clean Fill	N/A	None specified

Note 1: Additional requirements for the acceptance of controlled waste (including asbestos and tyres) are set out in the *Environmental Protection (Controlled Waste) Regulations 2004*.

1.2.2 The Licence Holder shall ensure that where waste does not meet the waste acceptance criteria set out in conditions 1.2.1 it is removed from the Premises by the delivery vehicle or, where that is not possible, the Licence Holder shall contact the CEO to agree a course of action in relation to the waste.

1.2.3 The Licence Holder shall ensure that wastes accepted onto the landfill are only subjected to the process(es) set out in Table 1.2.2 and in accordance with any process limits described in that Table.

Table 1.2.2: Waste processing		
Waste type	Process(es)	Process limits <sup>1, 2</sup>
Special Waste Type 1	Receipt, handling, associated storage and disposal of waste by landfilling	<u>All waste types</u> Disposal of waste by landfilling shall only take place within the landfill area shown on the Landfill Area Map in Schedule 1.
Inert Waste Type 1		The separation distance between the base of the landfill and the highest groundwater level shall not be less than 2m.
Inert Waste Type 2		
Putrescible Waste		<u>Special Waste Type 1</u>
Clean fill		No works shall be carried out on the landfill that

**Table 1.2.2: Waste processing**

		could lead to a release of asbestos fibres.
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Note 1: Requirements for landfilling tyres are set out in Part 6 of the Environmental Protection Regulations 1987.

Note 2: Additional requirements for the acceptance and landfilling of controlled waste (including asbestos and tyres) are set out in the Environmental Protection (Controlled Waste) Regulations 2004.

- 1.2.4 The Licence Holder shall, where the Licence Holder is notified or is aware, ensure the following procedures are in place for managing Special Waste Type 1 at the premises:
- i) the disposal area(s) for any more than one cubic metre of Special Waste Type 1 is defined by grid references on the site plan; and
  - ii) a representative of the Licence Holder is available to witness the burial of the Special Waste Type 1 in accordance with Table 1.2.3 and sign a bound, numbered register within two hours of the burial to attest that it has been buried in accordance with these procedures.
- 1.2.5 The Licence Holder shall maintain a register of Special Waste Type 1 disposed of at the Premises which shall include a plan showing the position of Special Waste Type 1 disposed of at the Premises.
- 1.2.6 The Licence Holder shall ensure that cover is applied and maintained on landfilled wastes in accordance with Table 1.2.3 and that sufficient stockpiles of cover are maintained on site at all times.

**Table 1.2.3: Cover requirements<sup>1</sup>**

Waste Type	Cover requirements
Special Waste Type 1	To be covered by at least one metre of clean fill or putrescible waste as soon as practicable after deposit and before being compacted to prevent the release of asbestos fibres as a result of compaction and other landfilling activities.
Putrescible waste	As soon as practicable within a fortnight after deposition and prior to compaction.
Inert Waste Type 2 (plastics)	
Inert Waste Type 2 (Tyres)	To be covered by the end of the working day in which the waste was deposited with sufficient quantities of Type 1 inert waste or clean fill to prevent the spread of fire and harbouring of disease vectors.
Inert Waste Type 1	No cover required

Note 1: Additional requirements for the covering of tyres are set out in Part 6 of the Environmental Protection Regulations 1987.

- 1.2.7 The Licence Holder shall take all reasonable and practical measures to ensure that no wind-blown waste escapes from the Premises and that wind-blown waste is collected on at least a weekly basis and returned to the tipping area.
- 1.2.8 The Licence Holder must immediately capture any firewater used to extinguish a fire at the Premises and remove it offsite by a carrier licensed under the *Environmental Protection (Controlled Waste) Regulations 2004*.

- 1.2.9 The Licence Holder shall ensure that tyre stacks do not obscure fire protection equipment (including hydrants and fire hoses) or any related signage.
- 1.2.10 The Licence Holder shall ensure that all tyres are stacked on their sides or if stored upright on their treads, are stored within a bunded area.
- 1.2.11 The Licence Holder shall ensure that any tyres or tyre storage area is located at least 6 metres from any combustible material, wall, building or fence.
- 1.2.12 The Licence Holder shall ensure that individual tyre stacks are separated at least 6 metres from each other and do not exceed:
  - i) 100 square metres in area; and
  - ii) 3 metres in height.

## 2. Monitoring

- 2. Monitoring of Inputs and Outputs 2.1.1 The Licence Holder shall undertake the monitoring in Table 2.1.1 according to the specifications in that table.

Table 2.1.1: Monitoring of inputs and outputs				
Input/Output	Parameter	Units	Averaging period	Frequency
Waste Inputs	Special Waste Type 1	m <sup>3</sup> (where no weighbridge is present)	N/A	Each load arriving at the Premises
	Inert Waste Type 1			
	Putrescible Waste			
Waste Outputs	Waste type as defined in the Landfill Definitions			Each load leaving or rejected from the Premises

## 3. Information

### 3.1 Records

- 3.1.1 All information and records required by the Licence shall:
  - (a) be legible;
  - (b) if amended, be amended in such a way that the original and subsequent amendments remain legible or are capable of retrieval;
  - (c) except for records listed in 3.1.1(d) be retained for at least 6 years from the date the records were made or until the expiry of the Licence or any subsequent licence; and
  - (d) for those following records, be retained until the expiry of the Licence and any subsequent licence:
    - (i) off-site environmental effects; or
    - (ii) matters which affect condition of the land or groundwater.
- 3.1.2 The Licence Holder shall ensure that:
  - (a) any person left in charge of the Premises is aware of the conditions of this Licence and has access at all times to this Licence or copies thereof; and

- (b) any person who performs tasks on the Premises is informed of all of the conditions of this Licence that relate to the tasks which that person is performing.

3.1.3 The Licence Holder shall complete an Annual Audit Compliance Report indicating the extent to which the Licence Holder has complied with the conditions of the Licence, and any previous licence issued under Part V of the Act for the Premises for the annual period.

3.1.4 The Licence Holder shall implement a complaints management system that as a minimum records the number and details of complaints received concerning the environmental impact of the activities undertaken at the Premises and any action taken in response to the complaint.

### 3.2 Reporting

3.2.1 The Licence Holder shall submit to the CEO at the Contact Address an Annual Environmental Report within 60 calendar days after the end of the annual period. The report shall contain the information listed in Table 3.2.1 in the format or form specified in that table.

Table 3.2.1: Annual Environmental Report		
Condition or table (if relevant)	Parameter	Format or form <sup>1</sup>
-	Summary of any failure or malfunction of any pollution control equipment or any incidents that have occurred during the year and any action taken	None specified
-	Details of any fires or spills at the premises over the previous year, measures taken to put out the fire or contain the spill, and actions taken to store and remove materials used.	
1.2.5	An up-to-date copy of the plan showing the position of Special Waste Type 1 disposed of at the Premises	
Table 2.1.1	Summary of inputs and outputs	
3.1.3	Compliance	AACR
3.1.4	Complaints summary	None specified

Note 1: Forms are in Schedule 2. AACR forms can be found on the departments website online.

3.2.2 The Licence Holder shall ensure that the annual environmental report also contains an assessment of the information contained within the report against previous monitoring results.

### 3.3 Notification

3.3.1 The Licence Holder shall ensure that the parameters listed in Table 3.3.1 are notified to the CEO at the contact address and in accordance with the notification requirements of the table.

<b>Table 3.3.1: Notification requirements</b>			
<b>Condition or table (if relevant)</b>	<b>Parameter</b>	<b>Notification requirement<sup>1</sup></b>	<b>Format or form<sup>2</sup></b>
-	Breach of any limit specified in the Licence	Part A: As soon as practicable but no later than 5PM of the next usual working day.	N1

Note 1: No notification requirement in the Licence shall negate the requirement to comply with s72 of the Act.

Note 2: Forms are in Schedule 2.

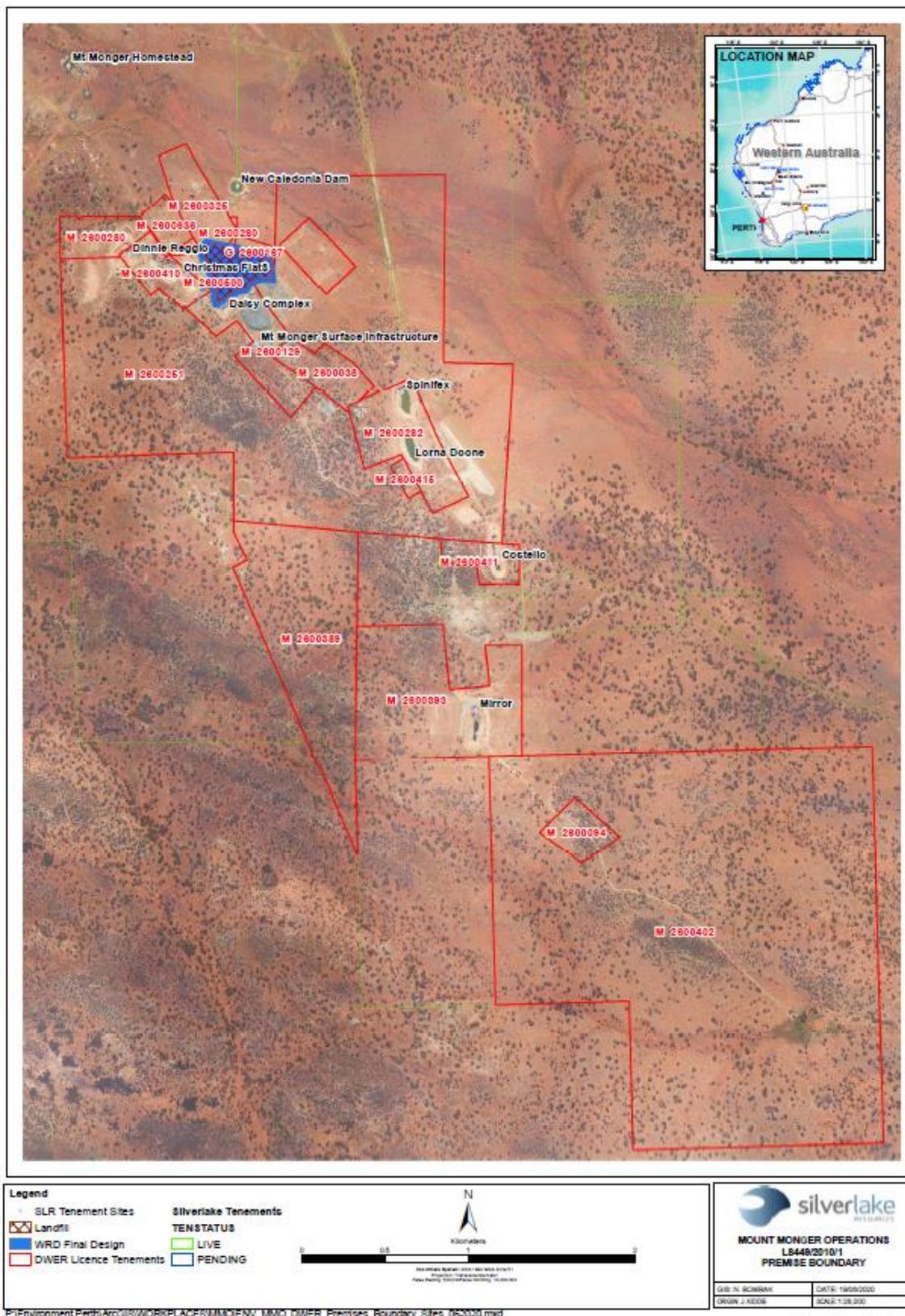
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**END OF CONDITIONS**

# Schedule 1: Maps

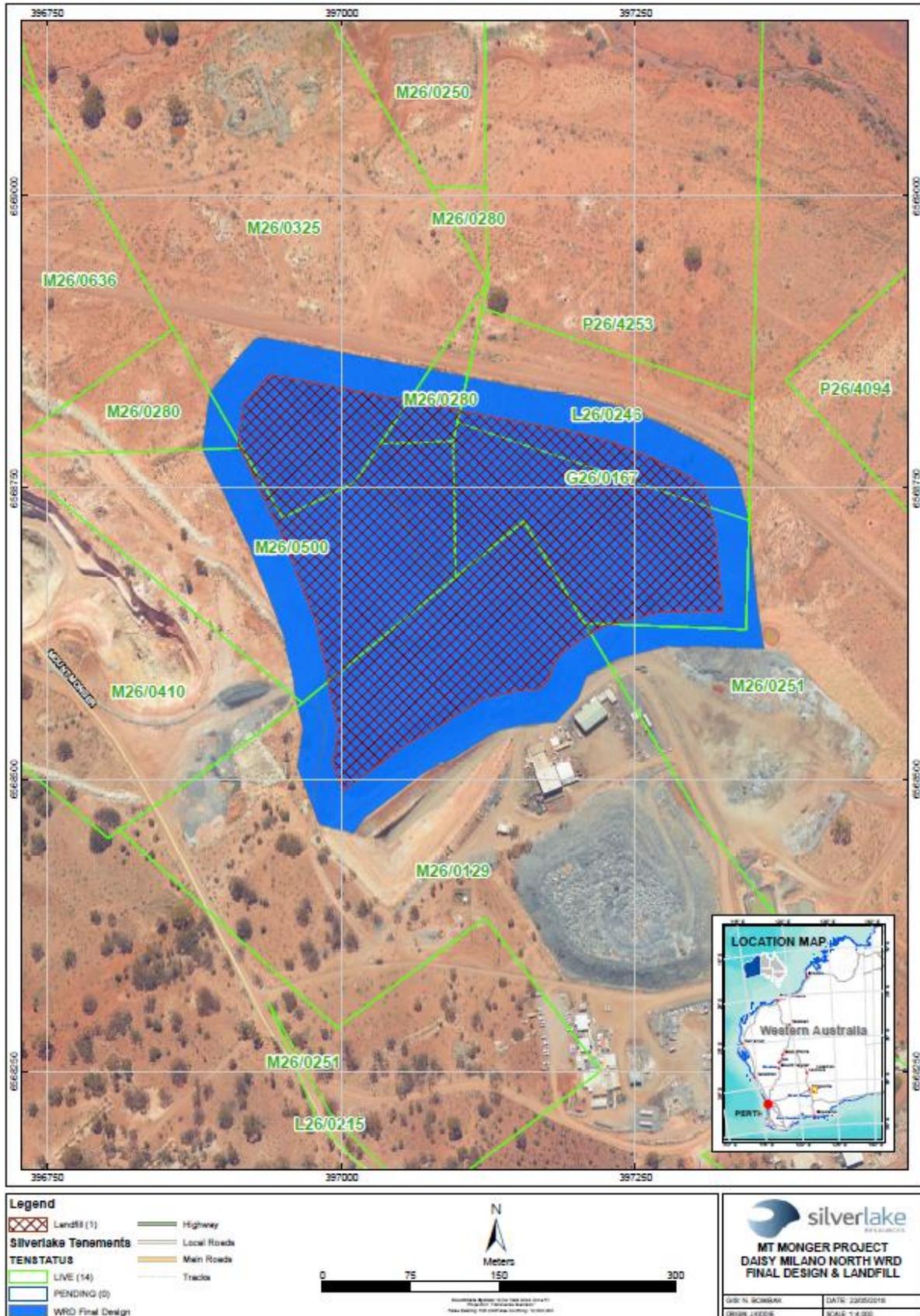
## Premises map

The Premises is shown in the map below. The outer red line depicts the Premises boundary.



### Landfill Area Map

The waste rock landform is shown in the map below. The red cross-hatched area depicts the landfilling area.



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## Schedule 2: Reporting and notification forms

Licence: L8449/2010/1 Licence Holder: Silver Lake Resources Limited

Form: N1 Date of breach:

**Notification of detection of the breach of a limit or any failure or malfunction of any pollution control equipment or any incident which has caused, is causing or may cause pollution.**

These pages outline the information that the operator must provide.

Units of measurement used in information supplied under Part A and B requirements shall be appropriate to the circumstances of the emission. Where appropriate, a comparison should be made of actual emissions and authorised emission limits.

Part A

Licence Number	L8449/2010/1
Name of operator	Silver Lake Resources Limited
Location of Premises	
Time and date of the detection	

Notification requirements for the breach of a limit	
To be notified as soon as practicable and no later than 5PM of the next working day	
Emission point reference/ source	
Parameter(s)	
Limit	
Measured value	
Date and time of monitoring	
Measures taken, or intended to be taken, to stop the emission	

Part B - to be submitted as soon as practicable

Any more accurate information on the matters for notification under Part A.	
Measures taken, or intended to be taken, to prevent a recurrence of the incident	

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Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment which has been or may be caused by the emission	
The dates of any unauthorised emissions from the installation in the preceding 24 months.	

Name	
Post	
Signature on behalf of Silver Lake Resources Limited	
Date	