



<b>Licence number</b>	L9419/2023/1
<b>Licence holder</b>	Robe River Mining Co Pty Ltd
<b>ACN</b>	008 694 246
<b>Registered business address</b>	Level 18 Central Park 152 – 158 St George's Terrace PERTH WA 6000
<b>DWER file number</b>	DER2023/000731
<b>Duration</b>	01/05/2024 to 30/04/2044
<b>Date of issue</b>	01/05/2024
<b>Premises details</b>	Pannawonica Deepdale Landfill Legal description - Part of Mining Tenement AML70/248 As defined by the premises map and coordinates in Schedule 1 and 2

Prescribed premises category description (Schedule 1, <i>Environmental Protection Regulations 1987</i> )	Assessed design capacity
Category 64 Class II or III putrescible landfill site: premises (other than clean fill premises) on which waste of a type permitted for disposal for this category of prescribed premises, in accordance with the <i>Landfill Waste Classification and Waste Definitions 1996</i> , is accepted for burial.	15 000 tonnes per annum
Category 62 Solid waste depot: premises on which waste is stored or sorted, pending final disposal or re-use, other than in the course of operating –  (a) a refund point (as defined in the Waste Avoidance and Resource Recovery Act 2007 section 47C(1)) (a <b>refund point</b> ); or  a facility or other place (an <b>aggregation point</b> ) for the aggregation of containers that have been returned to refund points until those containers are accepted for processing or disposal.	800 tonnes per annum

This licence is granted to the licence holder, subject to the attached conditions, on 01 May 2024, by:

**A/MANAGER WASTE INDUSTRIES  
REGULATORY SERVICES**

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

## Licence history

Date	Reference number	Summary of changes
01/05/2024	L9419/2023/1	Licence granted.

## 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.

## Licence conditions

### Infrastructure and equipment

- The licence holder must ensure that the site infrastructure and equipment listed in Table 1 and located at the corresponding infrastructure location is maintained and operated in accordance with the corresponding operational requirement set out in Table 1.

**Table 1: Infrastructure and equipment requirements**

Site infrastructure and equipment	Operational requirement	Infrastructure location
<p>Landfill cells</p> <p>Above ground waste disposal area</p>	<p>Landfill fence maintained to 1.8 m high with lockable gates.</p> <p>Firebreak to be maintained around the boundary of the premises, to a width of 3 metres.</p> <p>Signage displayed:</p> <ul style="list-style-type: none"> <li>a contact telephone number for information and complaints or notification of fires;</li> <li>a list of materials that are accepted at the Premises;</li> <li>the types of waste that must not be deposited at the Premises and a contact number for alternative disposal options; and</li> <li>a warning, indicating penalties for people lighting fires.</li> </ul> <p>Each landfill cell shall:</p> <ul style="list-style-type: none"> <li>restrict the active tipping face to a maximum of 30 metres in length;</li> <li>not exceed 4 metres in depth below the ground surface;</li> <li>not exceed 2 metres in height above the ground surface; and</li> <li>have soil bunded sides of 500 mm height.</li> </ul> <p>Licence holder must maintain the following:</p> <ul style="list-style-type: none"> <li>a designated burning area for green waste.</li> <li>a designated cell for Inert Waste Type 2 (used tyres)</li> <li>a designated cell for Special Waste Type 1 (asbestos).</li> </ul>	<p>As depicted in Schedule 1, Figures 1 and 2</p>
Stormwater management	<ul style="list-style-type: none"> <li>500 mm windrow around the landfill perimeter.</li> <li>Sump or bunding to contain contaminated storm water within the premises.</li> </ul>	<p>As depicted in Schedule 1, Figure 2</p>

### Waste acceptance

- The licence holder must only accept onto the premises waste of a waste type, which does not exceed the corresponding rate at which waste is received, and which meets the corresponding acceptance specification set out in Table 2.

**Table 2: Types of waste authorised to be accepted onto the premises**

Waste type	Category	Rate at which waste is received	Acceptance specification
Clean Fill	64	15 000 tonnes per annum	None specified
Putrescible waste			
Inert Waste Type 1			Scrap metal only
Contaminated Inert Waste Type 1			Must meet the acceptance criteria for Class II and III landfills
Inert Waste Type 2			T140 used tyres <sup>1,2</sup> only
Special Waste Type 1		<ul style="list-style-type: none"> <li>N220 asbestos<sup>1,2</sup> only</li> <li>Must be wrapped, labelled, and sealed in heavy duty (200 µm) polythene sheeting or equivalent containers that prevents asbestos fibres entering the atmosphere.</li> </ul>	
Inert Waste Type 1	62	800 tonnes per annum	Scrap metal only
Inert Waste Type 2		Not more than 100 tyres	T140 used tyres <sup>1,2</sup> only

Note 1: Corresponding waste codes for controlled wastes under the *Environmental Protection (Controlled Waste) Regulations 2004 (the Regulations)*.

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

- The licence holder must ensure that where waste does not meet the waste acceptance criteria set out in condition 2, it is removed from the premises by the delivery vehicle or, where that is not possible, stored in a quarantined storage area or container and removed to an appropriately authorised facility as soon as practicable.

### Waste processing

- The licence holder must ensure that wastes accepted onto the premises are only subjected to the processes set out in Table 3 and in accordance with any process limits or specifications described in that table.

**Table 3: Waste processing**

Waste type	Process	Process specifications
All	Disposal of waste by landfilling	<ul style="list-style-type: none"> <li>Shall only take place within the landfill area as depicted in Schedule 1.</li> <li>No waste shall be temporarily stored or landfilled within 6 metres from the boundary of the premises.</li> <li>Restrict the tipping area to a maximum linear length of 30 metres.</li> <li>Place waste within a defined cell or within an area enclosed by earthen or other bunds.</li> <li>Manage the active landfill area such that at no time does</li> </ul>

Waste type	Process	Process specifications
		<p>landfilling result in an exposed face exceeding 2 metres in vertical height.</p> <ul style="list-style-type: none"> <li>The separation distance between the base of the landfill and the highest groundwater level shall not be less than 3 metres.</li> <li>Waste is levelled and compacted to ensure all faces are stable and capable of retaining rehabilitation material.</li> <li>Rehabilitation of a cell takes place within 6 months after disposal in that cell has been completed.</li> </ul>
Clean fill	Receipt, handling and disposal by landfilling	None specified
Putrescible	Receipt, handling and storage prior to disposal	None specified
	Disposal by burning	<p>Only green waste is to be burnt onsite. Green waste shall only be burnt if:</p> <ul style="list-style-type: none"> <li>It has been dried and seasoned for at least 2 months before burning;</li> <li>It takes place in a designated burning area located at least 25 m from the boundary of any active disposal cells;</li> <li>It takes place in trenches or windrows;</li> <li>A 6 m firebreak is established around the green waste stockpile prior to any burning;</li> <li>In a manner to minimise the generation of smoke;</li> <li>It takes place only when an adequate supply of water is available to effectively manage the burning process, and prevent the release of fire from the designated burning area; and</li> <li>It is free of any contaminants.</li> </ul>
Inert Waste Type 1	Receipt, handling and storage prior to disposal above ground in perpetuity or prior to recycling.	<p><u>Construction and demolition waste</u></p> <ul style="list-style-type: none"> <li>Crushing and screening of Inert Waste Type 1 is not permitted.</li> </ul> <p><u>Scrap metal for recycling</u></p> <ul style="list-style-type: none"> <li>Stored in an area delineated for recycling.</li> </ul>
Inert Waste Type 2 (Used Tyres)	Receipt, handling and storage prior to disposal by landfilling	<p><u>Tyre storage above ground prior to burial</u></p> <ul style="list-style-type: none"> <li>Not more than 100 tyres are to be stored above ground at the storage area at any one time.</li> </ul> <p><u>Tyre disposal by burial</u></p> <ul style="list-style-type: none"> <li>To be stored in a designated tyre waste cell, in batches of tyres separated from each other with at least 100 mm of soil; and</li> <li>Each batch consists of not more than 1,000 tyres or 40 m<sup>3</sup> of tyre pieces.</li> </ul>
Special Waste Type 1 (Asbestos)	Receipt and handling prior to disposal by landfilling	<ul style="list-style-type: none"> <li>Only to be disposed of into a designated asbestos waste cell.</li> <li>Not to be disposed within 2 metres of the final tipping surface of the landfill.</li> <li>No works shall be carried out on the landfill that could lead to a release of asbestos fibres.</li> </ul>

5. The licence holder must ensure that cover is applied to waste in accordance with

Table 4 and that sufficient stockpiles of cover material are maintained onsite at all times.

**Table 4: Cover requirements**

Waste type	Material	Depth	Timescales
Putrescible wastes	Inert Waste Type 1 or soil	150 mm	As soon as practicable and not later than a week upon receipt
		1 000 mm	Within 3 months of achieving final waste contours
Inert Waste Type 1	No cover required		
Inert Waste Type 2 (Used Tyres)	Inert Waste Type 1 or soil	500 mm	As soon as practicable after deposit
Special Waste Type 1 (Asbestos)	Soil or clean fill	300 mm	As soon as practicable after deposit and not later than the end of the working day
	Dense, inert and non-combustible material	1 000 mm	Within 3 months of achieving final waste contours

## Emissions and discharges

### Windblown waste

6. The licence holder must ensure that:
- windblown waste is prevented from crossing the premises boundary; and
  - any windblown waste is collected on at least a weekly basis and returned to the active landfilling area or otherwise appropriately contained.

### Fire management

7. The licence holder must ensure:
- that fire-fighting equipment and systems are in good working order and capable of controlling and extinguishing a waste material fire within the premises;
  - that water and other waste that may result from firefighting on the premises is captured<sup>1</sup> and contained<sup>1</sup> within the premises to prevent fire water run-off from entering the ground or any surface watercourse;
  - that any recoverable fire-fighting water is removed from the premises by a carrier licensed under the Environmental Protection (Controlled Waste) Regulations 2004 and disposed of to a suitably licensed premises; and
  - that any fire on the premises is extinguished as soon as possible.

Note 1: Capture and containment may be achieved using bunding, stormwater drain cut-off valves, drain blocks and/or other equipment or infrastructure capable of retaining fire-fighting waters and debris on the premises.

## Monitoring

8. The licence holder must record the total amount of waste accepted onto the premises, for each waste type listed in Table 5, in the corresponding unit, and for each corresponding time period, as set out in Table 5.

**Table 5: Monitoring of inputs and outputs**

Waste type	Parameter	Units	Frequency
All waste types as set out in Table 2.	Waste inputs.	Tonnes	Each load arriving at the premises.
	Waste outputs.		Each load rejected from or removed from the premises.

## Records and reporting

9. The licence holder must record the following information in relation to complaints received by the licence holder (whether received directly from a complainant or forwarded to them by the Department or another party) about any alleged emissions from the premises:
- the name and contact details of the complainant, (if provided);
  - the time and date of the complaint;
  - the complete details of the complaint and any other concerns or other issues raised; and
  - the complete details and dates of any action taken by the licence holder to investigate or respond to any complaint.
10. The licence holder must:
- undertake an audit of their compliance with the conditions of this licence during the preceding annual period; and
  - prepare and submit to the CEO by no later than 30 April after the end of that annual period an Annual Audit Compliance Report in the approved form.
11. The licence holder must:
- prepare an environmental report that provides information in accordance with Table 6 for the preceding annual period; and
  - submit the environmental report to the CEO by 30 April each year.

**Table 6: Environmental reporting requirements**

Condition or Table (if relevant)	Requirements
-	A summary of any failure or malfunction of any pollution control equipment and any environmental incidents that have occurred during each annual period, including any actions taken.
Condition 4	Details of all green waste burns conducted over the course of the annual reporting period.
Condition 8	Monitoring of waste inputs and outputs.
Condition 9	Complaints summary.



- 12.** The licence holder must maintain accurate and auditable books including the following records, information, reports, and data required by this licence:
- (a) the calculation of fees payable in respect of this licence;
  - (b) any maintenance of infrastructure that is performed in the course of complying with condition 1 of this licence;
  - (c) monitoring programmes undertaken in accordance with condition 10 of this licence; and
  - (d) complaints received under condition 9 of this licence.
- 13.** The books specified under condition 12 must:
- (a) be legible;
  - (b) if amended, be amended in such a way that the original version(s) and any subsequent amendments remain legible and are capable of retrieval;
  - (c) be retained by the licence holder for the duration of the licence; and
  - (d) be available to be produced to an inspector or the CEO as required.

## Definitions

In this licence, the terms in Table 7 have the meanings defined.

**Table 7: Definitions**

Term	Definition
ACN	Australian Company Number
Annual Audit Compliance Report (AACR)	means a report submitted in a format approved by the CEO (relevant guidelines and templates may be available on the Department's website).
annual period	a 12 month period commencing from 1 July until 30 June of the immediately following year.
books	has the same meaning given to that term under the EP Act.
CEO	means Chief Executive Officer of the Department. "submit to / notify the CEO" (or similar), means either: Director General Department administering the <i>Environmental Protection Act 1986</i> Locked Bag 10 Joondalup DC WA 6919 or: <a href="mailto:info@dwer.wa.gov.au">info@dwer.wa.gov.au</a>
Department	means the department established under section 35 of the <i>Public Sector Management Act 1994 (WA)</i> and designated as responsible for the administration of the EP Act, which includes Part V Division 3.
designated burning area	means an area of a landfill site that has been designated by the works approval holder as a designated burning area.
discharge	has the same meaning given to that term under the EP Act.
emission	has the same meaning given to that term under the EP Act.
EP Act	<i>Environmental Protection Act 1986 (WA)</i>
EP Regulations	<i>Environmental Protection Regulations 1987 (WA)</i>
green waste	means waste that originates from flora and which does not contain or has not been treated or coated with preserving agents, biocides, fire retardants, paint, adhesives or binders.
Inert Waste Type 1	has the meaning defined in the Landfill Definitions
Inert Waste Type 2	has the meaning defined in the Landfill Definitions
licence	refers to this document, which evidences the grant of a licence by the CEO under section 57 of the EP Act, subject to the specified conditions contained within.

Term	Definition
licence holder	refers to the occupier of the premises, being the person specified on the front of the licence as the person to whom this licence has been granted.
premises	refers to the premises to which this licence applies, as specified at the front of this licence and as shown on the premises map Figure 1 in Schedule 1 to this licence.
prescribed premises	has the same meaning given to that term under the EP Act.
rehabilitation	means the completion of the engineering of a landfill cell and includes capping and/or final cover.
scrap metal	means ferrous and non-ferrous metal that is unwanted, discarded or recovered for recycling and/or reprocessing.
Special Waste Type 1	has the meaning defined in the Landfill Definitions.
suitably qualified civil engineer	means a person who: a) holds a relevant civil engineering tertiary academic qualification; and has a minimum of at least three years of experience working in the area/field of civil engineering.
tipping area	means the area of the Premises where waste currently being brought to the Premises is being deposited.
waste	has the same meaning given to that term under the EP Act.

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**END OF CONDITIONS**

# Schedule 1: Maps

## Premises map

The boundary of the prescribed premises is shown in the map below (Figure 1).

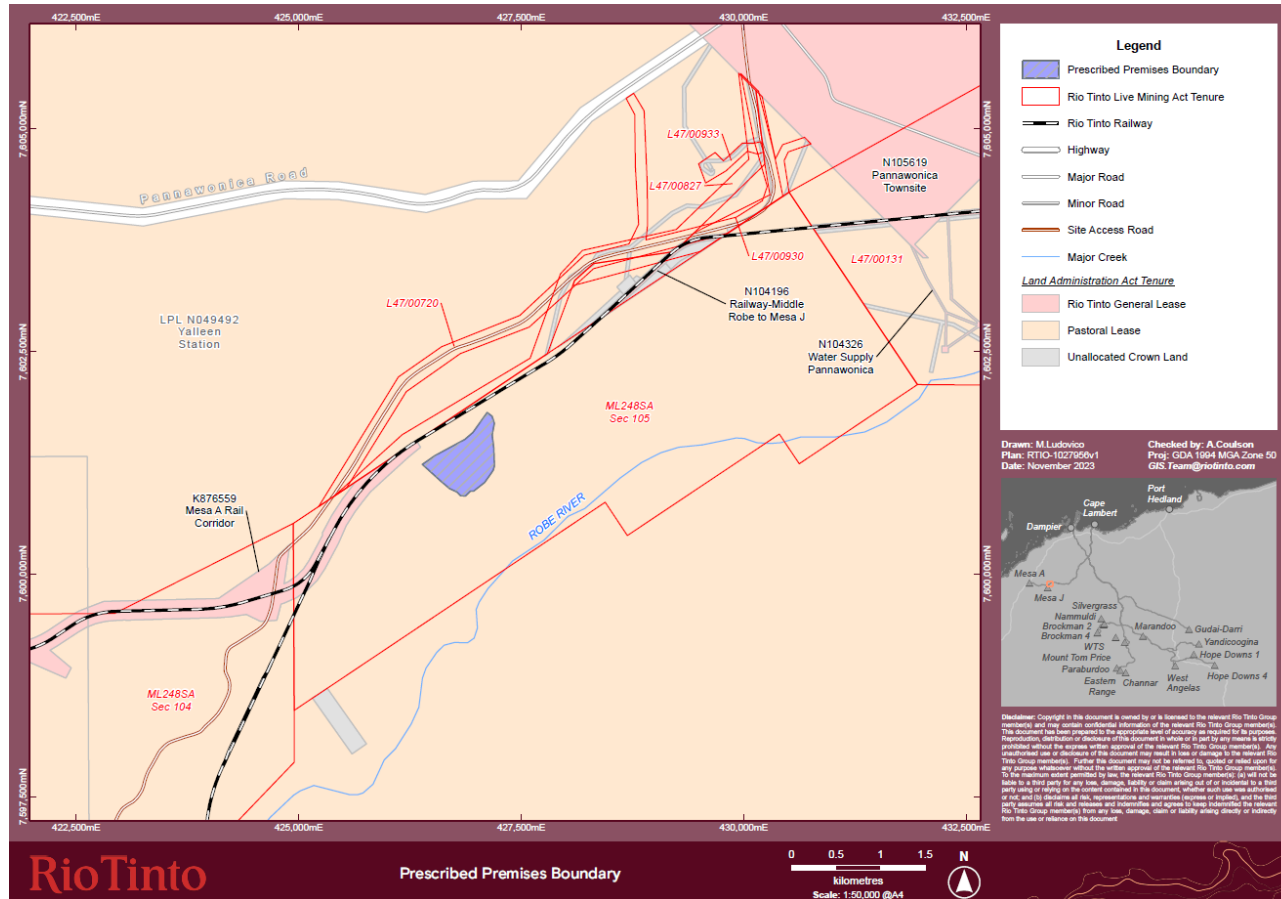


Figure 1: Map of the boundary of the prescribed premises

L9419/2023/1 (1 May 2024)

IR-T06 Licence template (v9.0) (November 2023)



Figure 2: Landfill design (general arrangement of site infrastructure)

L9419/2023/1 (1 May 2024)

IR-T06 Licence template (v9.0) (November 2023)

## Schedule 2: Premises boundary

The corners of the premises boundary are the coordinates listed in Table 1.

**Table 1: Premises boundary coordinates**

	<b>Easting</b>	<b>Northing</b>	<b>Zone</b>
1.	427116.76	7601813.12	50
2.	427186.10	7601167.79	50
3.	426819.76	7600879.00	50
4.	426387.88	7601230.93	50