



**Licence number** L8873/2015/2

**Licence holder** Yilgarn Iron Pty Ltd

**ACN** 626 035 078

**Registered business address** 20 Walters Drive  
Osborne Park  
WA 6017

**DWER file number** DER2014/003224-1

**Duration** 29/02/2024 to 01/03/2044

**Date of issue** 29/02/2024

**Premises details** Mt Jackson Operations  
Part of mining tenements: M77/993, M77/994,  
M77/996, M77/997, M77/1248 and L77/216  
Mt Jackson, WA 6426

Prescribed premises category description (Schedule 1, <i>Environmental Protection Regulations 1987</i> )	Assessed production / design capacity
Category 6: Mine dewatering	2,210,000 tonnes per annual period
Category 89: Putrescible landfill site	500 tonnes per annual period

This licence is granted to the licence holder, subject to the attached conditions, on 29 February 2024, by:

**A/MANAGER, RESOURCES INDUSTRIES  
REGULATORY SERVICES**

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

## Licence history

Date	Reference number	Summary of changes
26/02/2015	L8873/2015/1	New licence issued for dewatering J1 Pit to J2 Pit
29/02/2024	L8873/2015/2	Licence renewed and transferred to Yilgarn Iron Pty Ltd. Licence format updated and redundant conditions removed. Pipeline inspection frequency amended.

## 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

The licence holder must ensure that the following conditions are complied with:

### Infrastructure and equipment

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

**Table 1: Infrastructure and equipment operational requirements**

Site infrastructure and equipment	Operational requirement	Infrastructure location
Dewatering pipeline from J1 Pit to J2 Pit	(a) Maintain automatic cut-outs in the event of a pipe failure; or (b) provided with a secondary containment adequate to contain any spill for a period equal to the time between inspections	As depicted in Schedule 1, Premises map

2. The licence holder must ensure that any saline dewatering effluent is only managed in the following manner:
  - (a) used for dust suppression in a manner that minimises damage to surrounding vegetation; and
  - (b) discharged in accordance with the conditions of this licence.
3. The licence holder must:
  - (c) undertake inspections as detailed in Table 2;
  - (d) where any inspection identifies that an appropriate level of environmental protection is not being maintained, take corrective action to mitigate adverse environmental consequences as soon as practicable; and
  - (e) maintain a record of all inspections undertaken.

**Table 2: Inspection of infrastructure**

Scope of inspection	Type of inspection	Frequency of inspection
Dewatering pipelines	Visual integrity	Daily, when pipeline is operational

### Landfill waste management

4. The licence holder must only accept onto the premises waste of a waste type that does not exceed the corresponding rate at which waste is received, and that meets the corresponding acceptance specification set out in Table 3.

**Table 3: Waste acceptance**

Waste type	Rate at which waste is received	Acceptance specification
Inert Waste Type 1	500 tonnes per annual period	Waste containing visible asbestos or ACM must not be accepted.

Clean Fill		None specified
Putrescible waste		

5. The licence holder must ensure that where waste does not meet the waste acceptance criteria set out in condition 4, it is removed from the premises by the delivery vehicle or, where that is not possible, the licence holder must contact the CEO to agree a course of action in relation to the waste.
6. The licence holder must ensure that wastes accepted onto the landfill are only subjected to the process(es) set out in Table 4 and in accordance with any process limits described in that Table.

**Table 4: Waste processing**

Waste type	Process(es)	Process limits
Inert Waste Type 1	Receipt, handling, associated storage and disposal of waste by landfilling	<u>All waste types</u> Disposal of waste by landfilling must only take place within the Landfill Area shown in Schedule 1.
Putrescible waste		No waste must be temporarily stored or landfilled within 35 meters from the boundary of the premises.
Clean Fill		The separation distance between the base of the landfill and the highest groundwater level must not be less than 2 meters.

7. The licence holder must manage the landfilling activities to ensure:
  - (a) waste is levelled and compacted as soon as practicable after it is discharged; and
  - (b) waste is placed and compacted to ensure all faces are stable and capable of retaining rehabilitation material; and
  - (c) rehabilitation of a cell or phase takes place within 6 months after disposal in that cell or phase has been completed
8. The licence holder must ensure that cover is applied and maintained on landfilled wastes in accordance with Table 5 and that sufficient stockpiles of cover are maintained on site at all times.

**Table 5: Cover requirements**

Waste Type	Cover requirements
Putrescible waste	Covered with a minimum of 200 mm clean fill at least weekly.
Clean fill	No cover required
Inert Waste Type 1	

9. The licence holder must 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.

## Emissions and discharges

### Emissions to land

10. The licence holder is permitted, subject to conditions in the licence, to emit waste to land through the emissions points listed in Table 6 and identified in the map of emission points in Schedule 1.

**Table 6: Emissions to land**

Emission point reference	Description	Source including abatement
J2	Mine dewater from J1 Pit	Mine dewater

11. The licence holder must not cause or allow emissions to land that do not meet the limits listed in Table 7

**Table 7: Emission limits to land**

Emission point reference	Parameter	Limit (including units)	Averaging Period
J2 Pit	Freeboard	<4.0 m below crest level	Spot sample

12. The licence holder must target emissions to land to meet the levels specified in Table 8.

**Table 8: Emission targets to land**

Emission point Reference	Parameter	Target (including units)	Averaging Period
J2 Pit	Freeboard	>10.0 m below crest level	Spot sample

### Fugitive emissions

13. The licence holder must ensure that no visible dust generated by the activities crosses the boundary of the premises.

## Monitoring

### General monitoring

14. The licence holder must ensure that:
- monthly monitoring is undertaken at least 15 days apart; and
  - quarterly monitoring is undertaken at least 45 days apart.
15. The licence holder must have all monitoring equipment referred to in any condition of the licence calibrated in accordance with the manufacturer's specifications.
16. The licence holder must, where the requirements for calibration cannot be practicably met, or a discrepancy exists in the interpretation of the requirements, bring these issues to the attention of the Director accompanied with a report comprising details of

any modifications to the methods.

### Monitoring of emissions to land

17. The licence holder must undertake the monitoring in Table 9 according to the specifications in that table.

**Table 9: Monitoring of emissions to land**

Emission reference	point	Parameter	Units	Frequency
J2		Freeboard	metres below crest level	Monthly
		Volumetric flow	kL	
		pH <sup>1</sup>	N/A	Quarterly
		Total Dissolved Solids (TDS) <sup>1</sup>	mg/L	

### Monitoring of inputs and outputs

18. The licence holder must undertake the monitoring in Table 10 according to the specifications in that table.

**Table 10: Monitoring of waste inputs and outputs**

Input/Output	Parameter	Units	Averaging period	Frequency
Waste Outputs	Waste type as defined in the Landfill Definitions	Tonnes (where a weighbridge is present on the site)	N/A	Each load leaving or rejected from the premises
		m <sup>3</sup> (where no weighbridge is present)		

### Records and reporting

19. 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 while complying with condition 1 of this licence;
  - (c) monitoring programs undertaken in accordance with conditions 16 and 17 of this licence; and
  - (d) complaints received under condition 21 of this licence.
20. The books specified under condition 18 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.

- 21.** 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:
- (a) the name and contact details of the complainant, (if provided);
  - (b) the time and date of the complaint;
  - (c) the complete details of the complaint and any other concerns or other issues raised; and
  - (d) the complete details and dates of any action taken by the licence holder to investigate or respond to any complaint.
- 22.** The licence holder must:
- (a) undertake an audit of their compliance with the conditions of this licence during the preceding annual period; and
  - (b) prepare and submit to the CEO an Annual Audit Compliance Report in the approved form by no later than 28 February each year.
- 23.** The licence holder must submit to the CEO an Environmental Report by 28 February 2024 and biennially thereafter. The Environmental Report must contain the information listed in Table 11 in the format or form specified in that table.

**Table 11: 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 and any environmental incidents that have occurred during the annual period and any action taken	None specified
22	Compliance	Annual Audit Compliance Report (AACR)
21	Complaints summary	None specified
Condition 17 (Table 9)	Monitoring of emissions to land	
Condition 18 (Table 10)	Monitoring of waste outputs	

## Definitions

In this licence, the terms in Table 12 have the meanings defined.

**Table 12: 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 January until 31 December 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</i> (WA) and designated as responsible for the administration of the EP Act, which includes Part V Division 3
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</i> (WA)
EP Regulations	<i>Environmental Protection Regulations 1987</i> (WA)
fugitive emissions	means all emissions not arising from the point sources identified in condition 13 of this licence
Inert waste type 1	has the meaning defined in <i>Landfill Waste Classification and Waste Definitions 1996 (as amended 2019)</i>
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
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



Term	Definition
monthly period	means a one-month period commencing from day 2 of a month until day 1 of the immediately following month
premises	refers to the premises to which this licence applies, as specified at the front of this licence and as shown on Schedule 1, Prescribed premises map to this licence
prescribed premises	has the same meaning given to that term under the EP Act
putrescible	has the meaning defined in <i>Landfill Waste Classification and Waste Definitions 1996 (as amended 2019)</i>
rehabilitation	means the completion of the engineering of a landfill cell and includes capping and/or final cover
Schedule 1	means Schedule 1 of this licence unless otherwise stated
waste	has the same meaning given to that term under the EP Act

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**END OF CONDITIONS**

## Schedule 1: Premises map

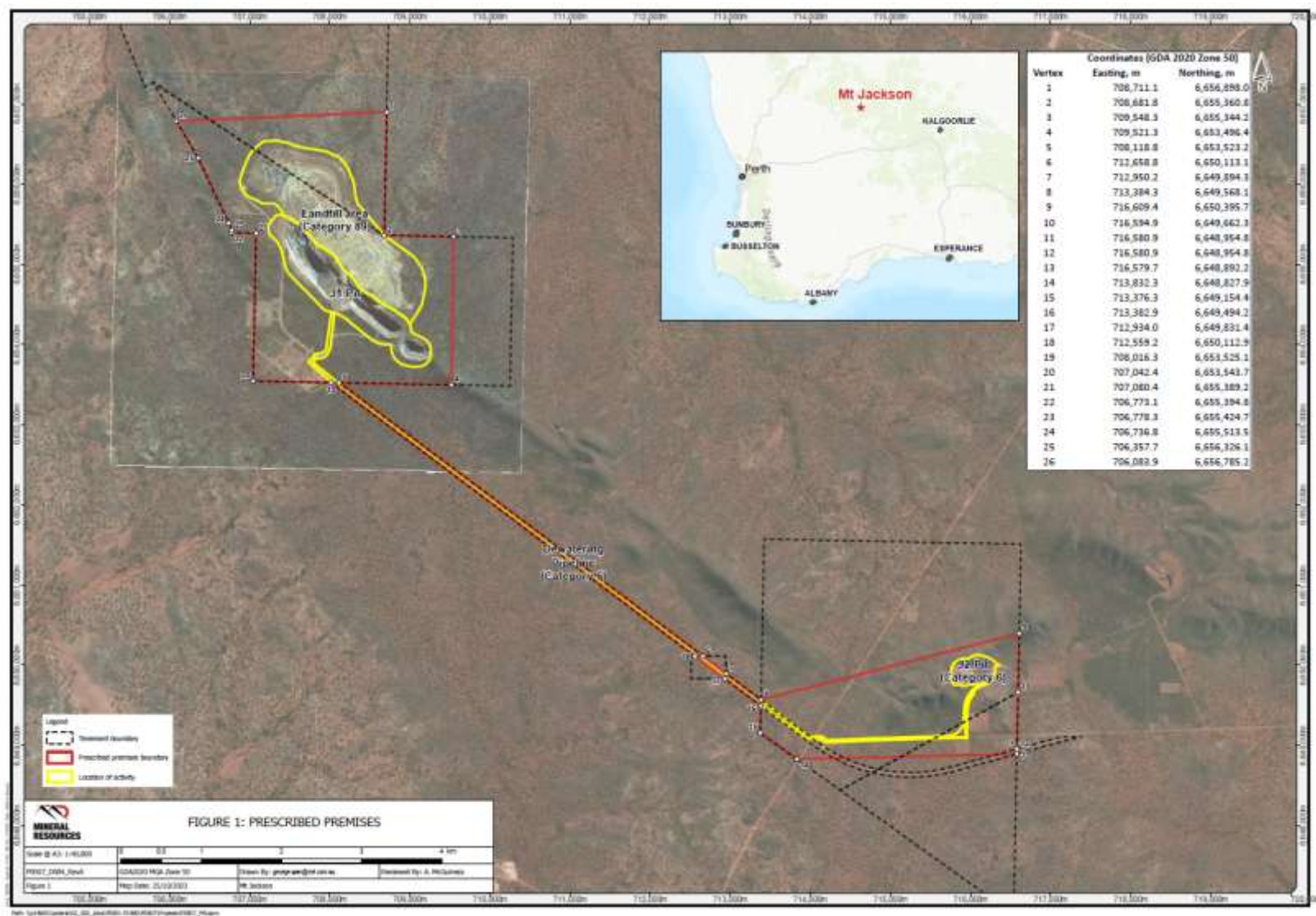


Figure 1 Premises boundary (red line) and emission points listed in Tables 6, 7, 8 and 9



## Schedule 2: Prescribed premises boundary

The premises coordinates are shown on Table 13.

**Table 13: Premises coordinates (GDA 2020, Zone 50)**

Vertex	Easting (m)	Northing (m)
1	708,711.1	6,656,898.0
2	708,681.8	6,655,360.8
3	709,548.3	6,655,344.2
4	709,521.3	6,653,496.4
5	708,118.8	6,653,523.2
6	712,658.8	6,650,113.1
7	712,950.2	6,649,894.3
8	713,384.3	6,649,568.1
9	716,609.4	6,650,395.7
10	716,594.9	6,649,662.3
11	716,580.9	6,648,954.8
12	716,580.9	6,648,954.8
13	716,579.7	6,648,892.2
14	713,832.3	6,648,827.9
15	713,376.3	6,649,154.4
16	713,382.9	6,649,494.2
17	712,934.0	6,649,831.4
18	712,559.2	6,650,112.9
19	708,016.3	6,653,525.1
20	707,042.4	6,653,543.7
21	707,080.4	6,655,389.2
22	706,773.1	6,655,394.8



Vertex	Easting (m)	Northing (m)
23	706,778.3	6,655,424.7
24	706,736.8	6,655,513.5
25	706,357.7	6,656,326.1
26	706,083.9	6,656,785.2