

# **Annual Environmental Report**

## **Licence L5850/1993/11**

**Koolyanobbing Iron Ore Project**

**Reporting Period: 1<sup>st</sup> January 2025 to 31<sup>st</sup> December  
2025**

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**Company Information**

Company Name:	Yilgarn Iron Pty Ltd
ABN:	16 626 035 078
Postal Address:	GPO Box 411 West Perth, WA, 6873
Email:	<a href="mailto:compliance@yilgarniron.com.au">compliance@yilgarniron.com.au</a>

**Document Information**

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## 1. Introduction

This Annual Environmental Report (AER) has been prepared to satisfy the requirements of the Operating Licence L5850/1993/11, issued by the Department of Water and Environmental Regulation (DWER), to Yilgarn Iron Pty Ltd for the Koolyanobbing Iron Ore Project.

In accordance with Condition 37 of the licence, this report covers the reporting period from 1 January 2025 until the 31 December 2025 and includes:

- An audit of compliance with all applicable Licence conditions during the reporting period;
- Submission of an Annual Audit Compliance Report (AACR), in the approved form, to the CEO no later than 28 February each year; and
- Submission of this Annual Environmental Report to the CEO by 28 February after the end of the annual period, addressing the Licence conditions listed in Table 1-1, and providing information specified therein.

*Table 1-1: Annual Environmental Report Conditions*

Licence Condition/Table	Requirement
	Summary of non-compliances
Condition 36	Complaints summary
Condition 19	Prescribed category throughputs
Table 6	Monitoring of vegetation condition
Table 11	Monitoring of groundwater
Table 12	Monitoring of emissions to land
Table 13	Monitoring of inputs and outputs
-	Annual TSF Audit
-	Dust Suppression

## 2. Site Overview

The Koolyanobbing Iron Ore Project (the Project) covered by this operating licence comprises of eight (8) open pits, a processing plant, and associated waste rock dumps (WRDs), run-of-mine (ROMs) pads, and supporting infrastructure including offices and an accommodation camp. (Figure 2-1: Koolyanobbing Prescribed Premises)

Operating Licence L5850/1993/11 authorises:

- Category 5 – Processing or beneficiation of metallic or non-metallic ore of up to 13,100,000 tonnes per annual period; and Tailings Volume Deposited of up to 600,000 tonnes per annual period.
- Category 6 – Mine dewatering of 600,000 tonnes per annual period
- Category 12 – Screening of materials of a maximum 500,000 tonnes per annual period.
- Category 54 – Sewage Facility discharging a maximum 300 cubic metres per day
- Category 64 – Class II putrescible landfill site, 4,000 tonnes per annual period.

No amendments to the Licence were made during the reporting period.

The Project remained in an operational pause during the transfer of assets from Mineral Resources to Yilgarn Iron, during which no mining, production, dewatering or landfill activities were undertaken. Mining and operation of the ore handling plant (OHP) recommenced in October 2025. Yilgarn Iron intends to retain all aspects of operating licence L5850/1993/11.



Figure 2-1: Koolyanobbing Prescribed Premises

### 3. Environmental Incidents

There were no environmental incidents, and no failures or malfunctions of pollution control equipment, during the reporting period.

### 4. Premises Operation

#### 4.1. Ore Processing

##### 4.1.1. Category 05 Processing

The Project is currently approved under Category 05 – Processing or beneficiation of metallic or non-metallic or of up to 13,100,000 tonnes per annual period.

Yilgarn OHP resumed operation in October 2025. During the reporting period, 501,275 tonnes of ore was processed. The breakdown by month is shown in Table 4-1

Table 4-1: Processed ore

Month	Tonnes
October	74,774
November	213,807
December	212,594
<b>Total</b>	<b>501,275</b>

#### 4.1.2. Tailings

During the reporting period, no tailings were deposited into the TSF contained in C Pit. PSM completed the Biennial Audit Tailings Storage Report (Draft) in June 2025, which is attached as Appendix B.

#### 4.1.3. Category 12 Screening

No screening activities were conducted in the 2025 reporting period.

### 4.2. Water Monitoring

#### 4.2.1. Mine Dewatering

During the reporting period no dewatering activities were undertaken.

#### 4.2.2. Freeboard Monitoring

Freeboard monitoring of containment infrastructure was undertaken via visual inspections throughout the reporting period to verify compliance with the approved freeboard requirement, despite no dewatering activities occurring during the reporting period.

#### 4.2.3. Discharge to Groundwater

Due to no dewatering activities being undertaken during the reporting period, no emissions were discharged to groundwater.

#### 4.2.4. Water Quality

The Koolyanobbing Operations were in an operational pause for the majority of the reporting period. Figures from September to December 2025 have been estimated using historical flow data, due to the flow meter being non-operational following recommencement of operations (Table 4-2). The use of estimated flows does not affect assessment of compliance with licence limits, as no discharge limits were exceeded during the reporting period.

Table 4-2: 2025 WWTP Discharge Volume

Month	Discharge Volume (m <sup>3</sup> )
January	67
February	0
March	0
April	0
May	212
June	0

Month	Discharge Volume (m <sup>3</sup> )
July	90
August	0
September	610
October	610
November	610
December	610
<b>Daily average</b>	6.6m <sup>3</sup>

Monitoring results for Koolyanobbing WWTP (Pond 2) indicate generally low contaminant concentrations and mass loadings during periods of limited camp occupancy (March, June and September 2025). During this time, the WWTP was operating under reduced hydraulic and organic load, which is reflected in consistently low Total Nitrogen, Total Phosphorus and BOD loadings, and comparatively stable Total Suspended Solids and Total Dissolved Solids concentrations (Table 4-3).

Increased occupancy of the camp commenced in October 2025, resulting in increased influent volumes and organic loading to the WWTP. This change in operating conditions is reflected in elevated concentrations and daily loads of Total Suspended Solids, Total Dissolved Solids, Total Nitrogen and BOD during the December monitoring period. These results are considered representative of increased wastewater generation associated with higher occupancy, rather than a decline in treatment performance.

Overall, the monitoring results demonstrate that wastewater quality is closely correlated with camp occupancy and WWTP loading, with higher concentrations and mass loadings observed during periods of full operation. No persistent or progressive increase in nutrient or organic loading was observed outside periods of increased occupancy.

Table 4-3: Wastewater treatment plant quality data

Koolyanobbing WWTP – Pond 2										
Monitoring Period	Total Suspended Solid		Total Dissolved Solids		Total Nitrogen (Total N)		Total Phosphorus (Total P)		BOD	
	mg/L	kg/day	mg/L	kg/day	mg/L	kg/day	mg/L	kg/day	mg/L	kg/day
	March	57.0	0.376	840	5.544	13.0	0.086	4.0	0.026	0.03
June	59	0.389	770.0	5.082	18	0.119	6.1	0.04	0.03	<0.001
September	10	0.066	450	2.97	5.8	0.038	2.2	0.014	7.7	0.05
December	370	2.44	4300	28.38	42	.28	4.6	.03	41	.27
Average kg/day		1.918		23.023		0.234		0.032		0.2204

E. coli concentrations in treated wastewater remained low throughout the reporting period. Discharge volumes reported for the latter part of the year are based on historical flow data due to temporary failure of the WWTP flow meter following the recommencement of operations (Table 4-4).

Table 4-4: E.coli Monitoring Results

Koolyanobbing WWTP E. coli		
Monitoring Period	E. coli cfu/100ml	Discharge Volume (m <sup>3</sup> )
March	<10	67
June	20	212
September	60	700
December	<10	1,830

Biannual water quality sampling of monitoring bores was undertaken during the reporting period. MB2 was not sampled as the bore was dry, and MB3 was not sampled due to unsafe access conditions.

Installation of MB05 was completed in April 2025, at which time standing water level (SWL) and pH were measured. Biannual sampling at MB05 was not undertaken during the November sampling event, as the relevant monitoring data were not included in the information transferred at the time of the operational sale.

Results from the monitoring program are summarised in Table 4-5.

Table 4-5: Monitoring Bore Results

Monitoring Bore		SWL	pH	TDS	Li	Sb
MB1	May 25	405.38	7.4	13,000	83	<2.0
	Nov 25	405.38	7.5	13,000	26	<1.0
MB2A	May 25	N/A	N/A	N/A	N/A	N/A
	Nov 25	423.42	7.4	7500	10	<10
MB3	May 25	N/A	N/A	N/A	N/A	N/A
	Nov 25	N/A	N/A	N/A	N/A	N/A
MB4	May 25	398.7	7.3	60,000	130	27
	Nov 25	398.7	7.2	46,000	96	<1.0
MB5	April 25	385	7.3			

### 4.3. Landfill

#### 4.3.1. Waste Acceptance

During the reporting period, no waste was disposed of onto the landfill facility.

### 5. Emissions

#### 5.1. Emissions to Land

No irrigation activities of treated wastewater to the designated oval was conducted during the reporting period.

## **5.2. Fugitive Emissions**

Fugitive emissions were managed in accordance with Condition 2.3.1, which requires all product and waste stockpiles, and unsealed access roads, be wetted down during operations. Water carts and dust suppression measures were employed appropriately throughout the period to minimise fugitive dust emissions.

The approved transfer pads were not utilised during the reporting period; accordingly, dust emissions were negligible. Visual inspection of surrounding vegetation did not identify any observable change in condition. Vegetation condition was assessed with reference to available aerial imagery, which did not indicate any discernible change when compared with current site observations.

## **6. Compliance**

The Annual Audit Compliance Report for L5850/1993/11 is provided in Appendix A. No non-compliances were identified during the reporting period.

## **7. Complaints**

Yilgarn Iron received no complaints in relation to the Koolyanobbing Iron Ore Project during the 2025 reporting period.

# Appendix A – Annual Audit Compliance Report (AACR)



## Annual Audit Compliance Report Form

*Environmental Protection Act 1986, Part V*

Section A – Licence Details			
Licence number:	L5850/1993/11	Licence file number:	2012/002671
Licence holder:	Yilgarn Iron Pty Ltd		
Trading as:			
ACN:	626 035 078		
Registered address:	12 Kings Park Road West Perth 6004		
Reporting period:	01/01/2025 to 31/12/2025		

Section B – Statement of Compliance with Licence Conditions
Did you comply with all of your licence conditions during the reporting period? (please tick the appropriate box)
<input type="checkbox"/> Yes – please complete: <ul style="list-style-type: none"><li>• section C;</li><li>• section D if required; and</li><li>• sign the declaration in Section F.</li></ul>
<input type="checkbox"/> No – please complete: <ul style="list-style-type: none"><li>• section C;</li><li>• section D if required;</li><li>• section E; and</li><li>• sign the declaration at Section F.</li></ul>

Section C – Statement of Actual Production	
Provide the actual production quantity for this reporting period. Supporting documentation is to be attached.	
Prescribed Premises Category	Actual Production Quantity
05 – Processing or beneficiation of metallic or non-metallic ore	501,275 tonnes
06 – Mine Dewatering	0.00
12 – Screening etc of Materials	0.00
54 – Sewage Facility	6.6m <sup>3</sup> p/day
64 – Class II putrescible landfill site	0.00

Section D – Statement of Actual Part 2 Waste Discharge Quantity	
Provide the actual Part 2 waste discharge quantity for this reporting period. Supporting documentation is to be attached.	
Prescribed Premises Category	Actual Part 2 Waste Discharge Quantity

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Section E – Details of Non-Compliance with Licence Condition							
Please use a separate page for each condition with which the licence holder was non-compliant at a time during the reporting period.							
Condition no:		Date(s) of non-compliance:					
Details of non-compliance:							
What was the actual (or suspected) environmental impact of the non-compliance?							
<b>NOTE</b> – please attach maps or diagrams to provide insight into the precise location of where the non-compliance took place.							
Cause (or suspected cause) of non-compliance:							
Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:							
Was this non-compliance previously reported to DWER?							
<input type="checkbox"/> Yes, and <table border="0" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; border-right: 1px solid black; padding-right: 10px;"> <input type="checkbox"/> Reported to DWER verbally                 </td> <td style="padding-left: 10px;">Date: / /</td> </tr> <tr> <td style="border-right: 1px solid black; padding-right: 10px;"> <input type="checkbox"/> Reported to DWER in writing                 </td> <td style="padding-left: 10px;">Date: / /</td> </tr> </table>				<input type="checkbox"/> Reported to DWER verbally	Date: / /	<input type="checkbox"/> Reported to DWER in writing	Date: / /
<input type="checkbox"/> Reported to DWER verbally	Date: / /						
<input type="checkbox"/> Reported to DWER in writing	Date: / /						

**Section F – Declaration**

I/We declare that the information in this Annual Audit Compliance Report is true and correct and is not false or misleading in a material particular<sup>1</sup>. I/We consent to the Annual Audit Compliance Report being published on the Department of Water and Environmental Regulation's (DWER) website.



Date:	25 FEBRUARY 26	Date:	
Seal (if signing under seal):			

<sup>1</sup> It is an offence under section 112 of the *Environmental Protection Act 1986* for a person to give information on this form that to their knowledge is false or misleading in a material particular.

<sup>2</sup> AACRs can only be signed by the licence holder or an authorised person with the legal authority to sign on behalf of the licence holder.

## Appendix B – PSM Tailing Storage Report