

Annual Audit Compliance Report form

Environmental Protection Act 1986, Part V

Section A – Licence Details

Licence Number:	L7340/1997/9	Licence File Number:	DER2013/000903-2
Licence Holder:	Pilbara Iron Company (Services) Pty Ltd		
Trading as:	Rio Tinto Iron Ore		
ACN:	107 210 248		
Registered address:	Level 22, Central Park. 152-158 St. Georges Terrace, PERTH WA 6000		
Reporting period:	1 January 2023 to 31 December 2023		

Section B – Statement of compliance with licence conditions

Did you comply with all of your licence conditions during the reporting period?

Yes ☐ Please complete **Sections C, D** (if required) and sign the declaration in **Section E**

No ☒ Please complete **Sections C, D** (if required), **F** and sign the declaration in **Section E**

Section C – Statement of actual production

Provide the actual production quantity for this reporting period.*

Category	Premises description	Actual production quantity (2023)
5	Processing or beneficiation of metallic or non-metallic ore	52,952,474 tonnes
12	Screening, etc. of material	Nil
54	Sewage facility	211.77 cubic metres per day
64	Class II putrescible landfill site	6,140 tonnes
73	Bulk storage of chemicals, etc.	1,699 m ³

*Supporting information provided in the relevant conditions of the 2023 Annual Environment Report

Section D – Statement of actual Part 2 waste discharge quantity

Provide the actual Part 2 waste discharge quantity for this reporting period.*

Category	Premises description	Actual Part 2 Waste Discharge Quantity (2023)
5	Processing or beneficiation of metallic or non-metallic ore (tailings)	2,725,819 tonnes
6	Mine dewatering	17.48 GL

*Supporting information provided in the relevant conditions of the 2023 Annual Environment Report

Section E – Declaration

I declare that the information in this Annual Audit Compliance Report is true and correct and is not false or misleading in a material particular¹.

I consent to the Annual Audit Compliance Report being published on the Department of Water and

Position: General Manager – Yandicoogina, Iron Ore

Date: 24/04/2024

¹ 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.

² 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.

Section F – 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 number:	11	Date(s) of non-compliance:	2023 annual period
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Details of non-compliance:

An assessment of site Waste Dump Landfills has identified that the JC Waste Dump Landfill contains sections where the vertical distance between the waste and the highest seasonal and expected post mining ground water level is less than 3m. The current inert waste floor level is R.L 487 to 489 and post closure GWLs are expected to be R.L 490 – 492 as per 2020 Yandicoogina closure plan (our ref: RTIO-HSE-0208486).

What was the actual (or suspected) environmental impact of the non-compliance?

Nearby bores are monitored to assess groundwater chemistry in the area. No actual environmental impact has been observed during the reporting period, however the current GWLs at the site exceed the 3 m buffer requirement.

Cause (or suspected cause) of non-compliance:

Relative level variability exists within the licenced landfill area. The requirement to develop the floor of the landfill in lower lying areas as deposition has progressed to the eastern side of the facility was not realised during operation of the facility.

Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:

Monitoring of groundwater bores has confirmed that there have been no adverse effects as a result of the non-compliance. Landfill material will be re-handled to a compliant RL within the licenced area to accommodate a >3m buffer to post closure GWLs. Lower lying areas within the licenced area are to be developed to provide a 3m buffer. Inert waste generated at site will be deposited within the existing licenced landfill area on Roy Hill Rd adjacent to the putrescible landfill trench going forward.

Was this non-compliance reported to the DWER?

<input type="checkbox"/> Yes: <input type="checkbox"/> Reported to DWER verbally Date: <input type="checkbox"/> Reported to DWER in writing Date:	<input checked="" type="checkbox"/> No
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Section F – 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 number:	9	Date(s) of non-compliance:	2023 annual period
Details of non-compliance:			
<p>Mine WWTP average loadings for both total nitrogen (780 kg/ha/year) and total phosphorous (218 kg/ha/year) exceeded the licenced annual loading limits (480 kg/ha/year and 120 kg/ha/year, respectively).</p>			
What was the actual (or suspected) environmental impact of the non-compliance?			
<p>There was no observed adverse environmental impact associated with the non-compliance.</p>			
Cause (or suspected cause) of non-compliance:			
<p>As reported in the 2022 AACR, the current Mine WWTP sprayfield area is insufficient to comply with loading limits under normal operating parameters.</p>			
Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:			
<p>There were no observed adverse effects associated with the non-compliance requiring mitigation. In the 2021 L7340 AACR, it was proposed to increase the sprayfield area, however, this plan was modified to reroute the processed Mine WWTP effluent to the larger Fixed Plant WWTP sprayfield for discharging. This work was completed on 6 March 2024.</p>			
Was this non-compliance reported to the DWER?			
<input checked="" type="checkbox"/> Yes: <input type="checkbox"/> Reported to DWER verbally Date: <input checked="" type="checkbox"/> Reported to DWER in writing Date: 28/04/2023 our ref: RTIO-0990064			<input type="checkbox"/> No