



Iron Ore
152-158 St Georges Terrace
Perth 6000
Western Australia
T + 61 (8) 9327 2000

Private and confidential

Manager - Industry Regulation (Resources North)
Department of Water and Environmental Regulation
Regulatory Services - Environment
Prime House, 8 Davidson Terrace
JOONDALUP WA 6027

29 April 2022

Our reference RTIO-HSE-0356319
Your reference L5275

To whom it may concern

2021 Annual Audit Compliance Report for L5275 – Paraburdoo Iron Ore Mine and Eastern Range Project

Attached is the 2021 Annual Audit Compliance Report (AACR) for Paraburdoo Iron Ore Mine and Eastern Range Project as required by Condition 29 of L5275/1972/12.

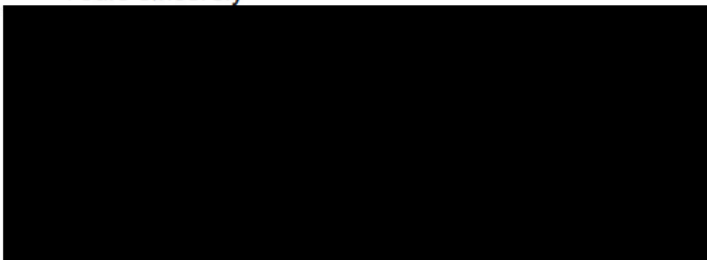
This AACR covers the reporting period from 1 January to 31 December 2021.

L5275/1972/12 Condition 6 stipulates that the results from the monitoring of discharge water from Joe's Crossing shall be compared against the ANZECC 2000 water quality trigger values and reported in the Annual Environment Report (AER), with target exceedances reported in the AACR. Target exceedance for Joe's Crossing were as follows:

- Zinc at 0.15mg/L (Q3 2021), 0.22mg/L (resample Q3 2021), 0.36mg/L (Q4 2021) compared to a target of <0.008mg/L.

Please contact [REDACTED], Superintendent Environment, at [REDACTED] if you have any queries.

Yours sincerely



Annual Audit Compliance Report form

Environmental Protection Act 1986, Part V

Section A – Licence Details			
Licence Number:	L5275/1972/12	Licence File Number:	DER2014/000429
Licence Holder:	Pilbara Iron Company (Services) Pty Ltd		
Trading as:	Rio Tinto Iron Ore		
ACN:	107 210 248		
Registered address:	Level 18, Central Park. 152-158 St. Georges Terrace, PERTH WA 6000		
Reporting period:	1 January 2021 to 31 December 2021		

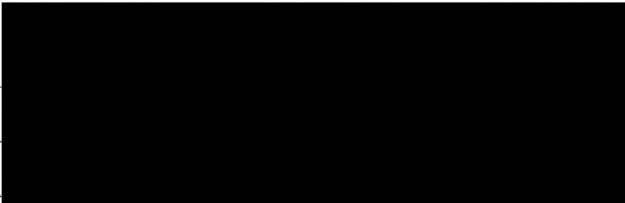
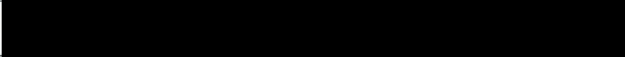
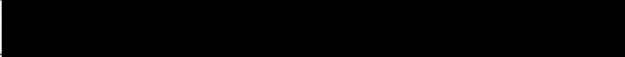
Section B – Statement of compliance with licence conditions	
Did you comply with all of your licence conditions during the reporting period?	
Yes	<input type="checkbox"/> Please complete Sections C, D (if required) and sign the declaration in Section E
No	<input checked="" type="checkbox"/> Please complete 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 (2021)
5	Processing or beneficiation of metallic or non-metallic ore	13,634,483 tonnes
6	Mine dewatering	645,199 tonnes
12	Screening, etc. of material	0 tonnes
52	Electrical power generation	110.1 MW
64	Class II putrescible landfill site	3,616 tonnes
73	Bulk storage of chemicals, etc.	558.76 cubic meters

*Supporting information provided in the relevant conditions of the 2021 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 (2021)
5	Processing or beneficiation of metallic or non-metallic ore (tailings)	1,767,693 tonnes
6	Mine dewatering	645,199 tonnes

*Supporting information provided in the relevant conditions of the 2021 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 particular ¹ .	
I consent to the Annual Audit Compliance Report being published on the Department of Water and Environmental Regulation's (DWER) website.	
Signature ² :	
Name: (printed)	
Position:	
Date:	20/04/22

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:	4	Date(s) of non-compliance:	March - May and August - September 2021
--------------------------	---	-----------------------------------	---

Details of non-compliance:

Cumulative volumes of water discharged from the Paraburdoo Primary Plant were inaccurate between the months March and May, and August and September 2021. The V notch weir was unable to function as designed due to high volumes of water attributable to rainfall.

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

There was no evidence of adverse environmental impact associated with the V notch weir not functioning as designed.

Water quality samples were collected as required by Condition 5.

Cause (or suspected cause) of non-compliance:

The V notch weir was unable to function as designed due to high volumes of water attributable to rainfall. The water levels could not be accurately calculated as the water level exceeded the v notch weir.

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

There were no adverse effects associated with the non-compliance requiring mitigation. The following actions have been taken to prevent recurrence:

- Quarterly inspection and maintenance undertaken on the discharge infrastructure;
- Sediment excavated from the settling pond; and
- Capital has been allocated and engineers engaged to redesign the weir.

Was this non-compliance reported to the DWER?

Yes:

Reported to DWER verbally Date:

Reported to DWER in writing Date:

No