

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-0356318
Your reference L5258

To whom it may concern

2021 Annual Audit Compliance Report for L5258 – Mt Brockman, Nammuldi and Silvergrass Iron Ore Mines

Attached is the 2021 Annual Audit Compliance Report (AACR) for Mt Brockman, Nammuldi and Silvergrass Iron Ore Mines as required by Condition 34 of L5258/1991/11.

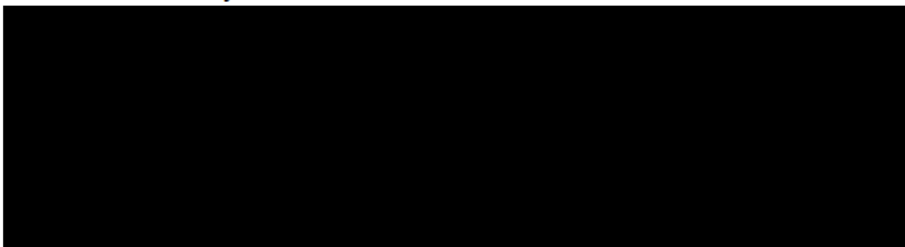
This AACR covers the reporting period from 1 January to 31 December 2021.

All parameters sampled met relevant targets for the reporting period except for:

- B2 Village WWTP which returned a biochemical oxygen demand (BOD) result of 100mg/L in Quarter 2 (Q2) against a target of 30mg/L;
- B2 Mine Admin WWTP which returned a total suspended solids (TSS) result of 62mg/L in Q2 and 46mg/L in Quarter 3 (Q3), against a target of 40mg/L;
- Jerrivah Village WWTP which returned a biochemical oxygen demand (BOD) result of 35mg/L and a total suspended solids (TSS) result of 64mg/L in Q3 against targets of 30mg/L and 40mg/L respectively; and
- Nammuldi Fixed Plant WWTP which returned a total nitrogen (Total N) result of 65.2mg/L and 56.2mg/L in Q3 and Q4, respectively, against a target of 50mg/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:	L5258/1991/11	Licence File Number:	DER2013/000902-1~4
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		


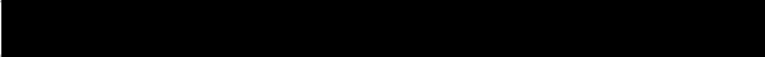

Section B – Statement of compliance with licence conditions	
Did you comply with all of your licence conditions during the reporting period?	
Yes <input type="checkbox"/>	Please complete Sections C, D (if required) and sign the declaration in Section E
No <input checked="" type="checkbox"/>	Please complete 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	51,190,307 tonnes
12	Screening, etc. of material	336,311 tonnes
54	Sewage facility	357 cubic meters per day
64	Class II putrescible landfill site	1,383 tonnes
73	Bulk storage of chemicals, etc.	14,492 cubic metres

*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)	2,880,014 tonnes
6	Mine dewatering	24,957,032 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:	28/04/2022

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:	2	Date(s) of non-compliance:	27 September 2021
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Details of non-compliance:

Treated effluent discharged to land outside of the Jerriwah Village WWTP and Brockman 2 Village WWTP sprayfields due to pipeline failure.

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

There was no evidence of adverse environmental impact associated with the discharge.

Cause (or suspected cause) of non-compliance:

Investigation found cattle activity in the area had caused damage to exposed sprayfield pipeline, resulting in pipeline rupture.

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. In any case, the following actions have been taken to prevent recurrence:

- Immediate treatment of the spill area with chlorine;
- Damaged section of pipe was replaced;
- Damaged sections of fencing fixed; and
- Increased frequency of WWTP sprayfield inspections.

Was this non-compliance reported to the DWER?

Yes:

Reported to DWER verbally Date:

Reported to DWER in writing Date:

No

Condition number:	7	Date(s) of non-compliance:	01 July 2021
Details of non-compliance:			
<p>Representative groundwater samples from monitoring sites adjacent to the waste fines storage facility were not collected or analysed during Quarter 2, 2021.</p>			
What was the actual (or suspected) environmental impact of the non-compliance?			
<p>There was no evidence of adverse environmental impact associated with the missed collection and analysis of representative water samples from the monitoring sites.</p>			
Cause (or suspected cause) of non-compliance:			
<p>Change management processes did not occur to identify monitoring responsibility after internal ownership changed during 2021.</p>			
Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:			
<p>There were no adverse effects associated with the non-compliance requiring mitigation. In any case, the following action has been taken to prevent recurrence:</p> <ul style="list-style-type: none"> Monitoring responsibility and schedule for 2022 has been defined, with future ownership changes to undergo established change management procedure. 			
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