

Annual Audit Compliance Report form

Environmental Protection Act 1986, Part V

Section A – Licence Details			
Licence Number:	L8688/2012/1	Licence File Number:	DER2014/000622-1
Licence Holder:	Hamersley HMS Pty Ltd		
Trading as:	Rio Tinto Iron Ore		
ACN:	115 004 129		
Registered address:	Level 18, Central Park. 152-158 St. Georges Terrace, PERTH WA 6000		
Reporting period:	1 January 2022 to 31 December 2022		



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 (2022)
5	Processing or beneficiation of metallic or non-metallic ore	17,860,930 tonnes
12	Screening, etc. of material	0 tonnes
54	Sewage facility	143 m ³ /day
64	Class II putrescible landfill site	616 tonnes

*Supporting information provided in the relevant conditions of the 2022 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 (2022)
5	Processing or beneficiation of metallic or non-metallic ore (Tailings)	2,568,912 tonnes
6	Mine dewatering	12,030,874 kL

*Supporting information provided in the relevant conditions of the 2022 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:	General Manager, Greater Hope Downs – Iron Ore
Date:	20.04.2023

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:	July 2022
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Details of non-compliance:

During the month of July 10 daily visual inspections were not completed.

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

There was no evidence of adverse environmental impact associated with the missed inspections. Daily inspections were carried out for the other 21 days during the month of July. No environmental issues or concerns were noted in those inspections.

Cause (or suspected cause) of non-compliance:

Administrative errors occurred between changing of work shifts onsite where daily inspections on the tailings pipeline and infrastructure were not completed. The tailings pipeline is not equipped with telemetry sensors to detect leaks in the pipeline.

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 implemented to prevent recurrence:

- additional tailings management training provided to improve availability of trained operators to complete inspections; and
- amendments to digital audit tools to ensure personnel completing inspections can efficiently complete the inspections.

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:	10	Date(s) of non-compliance:	2022
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Details of non-compliance:

1. Dissolved oxygen (%) and (mg/L) was not recorded for in WFSF, DSP WFSF and Area 3 WFSF bores for all quarters in 2022.
2. Water levels for WB10HD4001 / WB21HD40006 and WB11HD4003 / WB11HD4002 were not recorded for all quarters in 2022. Water levels in WB14HD4012 was not recorded in Q2.
3. Ammonium was not recorded for WB10HD4001, MB14HD4023, MB15HD4002, MB17HD40006 for all quarters in 2022.
4. WB11HD4002 was not sampled in the first half of 2022.

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

There was no evidence of adverse environmental impact associated with the missed monitoring and analyses.

Cause (or suspected cause) of non-compliance:

1. Administrative errors resulted in dissolved oxygen (% , mg/L) being missed from the sampling regime.
2. WB10HD4001 and WB11HD4003 were decommissioned in late 2021 and their replacement bores WB21HD40006 and WB11HD4002 were not recorded due to administrative and telemetry errors.
3. Administrative errors resulted in ammonium being missed from the sampling regime.
4. Administrative errors resulted in the half 1 sample being missed.

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. Monitoring schedules have been reviewed to ensure all monitoring parameters and bores as listed in condition 4 are sampled correctly and monitoring scope of works updated to include all parameters.

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:	Quarter 4 2022
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Details of non-compliance:

pH was not sampled in quarter 4 of 2022 in the treated wastewater irrigation field.

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

There was no evidence of adverse environmental impact associated with the missed pH analysis. pH results were within the NWQMS guidelines in quarter 1 of 2023 at 8.79.

Cause (or suspected cause) of non-compliance:

Administrative errors resulted in pH being missed from the sampling regime.

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. Familiarisation of monitoring personnel was undertaken to improve knowledge base of licence requirements.

Was this non-compliance reported to the DWER?

Yes:

Reported to DWER verbally Date:

Reported to DWER in writing Date:

No