

# 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 18, Central Park. 152-158 St. Georges Terrace, PERTH WA 6000		
Reporting period:	1 January 2022 to 31 December 2022		

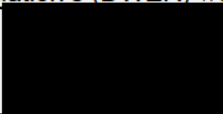
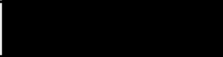
Section B – Statement of compliance with licence conditions	
Did you comply with all of your licence conditions during the reporting period?	
Yes	<input type="checkbox"/> Please complete <b>Sections C, D</b> (if required) and sign the declaration in <b>Section E</b>
No	<input checked="" type="checkbox"/> Please complete <b>Sections C, D</b> (if required), <b>F</b> and sign the declaration in <b>Section E</b>

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	56,649,770 tonnes
12	Screening, etc. of material	Nil
54	Sewage facility	232 cubic metres per day
64	Class II putrescible landfill site	4,598 tonnes
73	Bulk storage of chemicals, etc.	1,699 m <sup>3</sup>

\*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)	4,307,223 tonnes
6	Mine dewatering	19.79 GL

\*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 <sup>1</sup> . I consent to the Annual Audit Compliance Report being published on the Department of Water and Environmental Regulation's (DWER) website.	
Signature <sup>2</sup> :	
Name: (printed)	
Position:	General Manager – Yandicoogina, Iron Ore
Date:	20/04/2023

<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.

## 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.

<b>Condition number:</b>	6	<b>Date(s) of non-compliance:</b>	2022 Annual Period
--------------------------	---	-----------------------------------	--------------------

### Details of non-compliance:

Mine WWTP average loadings for both total nitrogen (749 kg/ha/year) and total phosphorous (232 kg/ha/year) exceeded the licenced annual loading limits (480 kg/ha/year and 120 kg/ha/year, respectively).

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

There was no evidence of adverse environmental impact associated with the non-compliance.

### Cause (or suspected cause) of non-compliance:

As reported in the 2021 AACR, the current Mine WWTP sprayfield area is insufficient to comply with loading limits under normal operating parameters.

### 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 the 2021 L7340 ACAR, it was proposed to expand the current Mine WWTP sprayfield area to prevent this exceedance occurring in the future. However, the revised plan is to reroute the Mine WWTP effluent to the larger Fixed Plant WWTP sprayfield. This removes the requirement to clear vegetation to expand the sprayfield, and improves the timing of implementation as it removes the need to ammend L7340.

### Was this non-compliance reported to the DWER?

☐ Yes:

☐ Reported to DWER verbally      Date:

☐ Reported to DWER in writing      Date:

☒ No

**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.

<b>Condition number:</b>	10	<b>Date(s) of non-compliance:</b>	30/01/2022 and 22/10/2022
--------------------------	----	-----------------------------------	---------------------------

**Details of non-compliance:**

1. Monitoring for the bores MCB1, MCB2, MB10YMA005, and SP3 were completed outside of the specified minimum 6-monthly frequency.
2. The monitoring for all bores conducted in January did not include the parameter: Bromide.

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

There was no evidence of adverse environmental impact associated with the non-compliance.

**Cause (or suspected cause) of non-compliance:**

1. The responsibility for conducting groundwater monitoring was transferred in H1 2022 to a different operational team. This monitoring requirement was missed during the handover process.
2. The default suite for environmental groundwater monitoring for the site was missing this parameter, this was not picked up until after the January monitoring.

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

1. The required monitoring was completed once it was identified that the sampling was not completed within the required time frames. Subsequently, the monitoring requirements under Condition 10 were formally communicated and entered into the responsible operating team's scope.
2. The default suite for environmental groundwater monitoring was updated with the vendor to include the required parameter prior to the sampling completed in October.

**Was this non-compliance reported to the DWER?**

- |   |  |
|---|--|
| <input type="checkbox"/> Yes:<br><input type="checkbox"/> Reported to DWER verbally      Date:<br><input type="checkbox"/> Reported to DWER in writing      Date: | <input checked="" type="checkbox"/> No |
|---|--|

## 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:	8	Date(s) of non-compliance:	2022
-------------------	---	----------------------------	------

### Details of non-compliance:

#### Location: Waste Dump Landfill 2

a) Condition 8, Table 5: Waste Type.

Prohibited waste types identified as entrained within the landfill facility. Hydrocarbon contaminated and putrescible wastes.

#### Location: Putrescible Landfill 4

a) Condition 8, Table 5: Waste is covered weekly with clean inert and incombustible material to at least 200 mm so that no waste is left exposed.

A review of production shift reports identified that the waste was only covered 36% of the required frequency.

b) Condition 8, Table 5: Tipping area not greater than 30 m in length and 2 m above ground level

A review of aerial imagery identified that in October 2022 the tipping area extended great than 30m in length.

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

#### Waste Dump Landfill 2:

a) Minor, localised hydrocarbon contamination. Confined to an in-pit location.

#### Putrescible Landfill 4:

a) & b) Negligible environmental impact, windblown waste was confined within the facility footprint.

### Cause (or suspected cause) of non-compliance:

There is no 'functional location' to which maintenance and work actions can be assigned within the operational management system, resulting in undefined accountabilities from operational teams.

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

#### Waste Dump Landfill 2:

- a) Waste Dump Landfill 2 will be closed
- b) A new landfill facility will be established, designed in accordance with the specifications of Table 5.
- c) Establishment of 'functional location' for Waste Dump Facilities.

#### Putrescible Landfill 4

- a) Compliance requirements and expectations communicated with operational team responsible for the waste covering action.
- b) Tipping area length has been reduced to <30m.

### Was this non-compliance reported to the DWER?

☐ Yes:

☐ Reported to DWER verbally Date:

☐ Reported to DWER in writing Date:

☒ No