



Annual Audit Compliance Report Form

Environmental Protection Act 1986, Part V Division 3

Section A – Licence Details

Licence number:	L4503/1975/14	Licence file number:	DER2013/000901
Licence holder name:	BHP Iron Ore Pty Ltd		
Trading as:	BHP Iron Ore Pty Ltd		
ACN:	008 700 981		
Registered business address:	Level 1, City Square Brookfield Place 125 St Georges Terrace PERTH WA 6000		
Reporting period:	01/07/2022 to 30/06/2023		

Section B – Statement of compliance with licence conditions

Did you comply with all of your licence conditions during the reporting period?
(please tick the appropriate box)

☐ Yes – please complete:

- section C;
- section D (if required); and
- sign the declaration in Section F.

☒ No – please complete:

- section C;
- section D (if required);
- section E; and
- sign the declaration at Section F.

Section C – Statement of actual production

Provide the actual production quantity for this reporting period. Supporting documentation is to be attached.

Prescribed premises category	Actual production quantity
5 – Processing or beneficiation of metallic or non-metallic ore	71.5 Mt
54 – Sewage facility	32.25 m ³ /day
61 – Liquid waste facility	1,040,900 t
64 – Class II putrescible landfill site	5,027.4 t (inert I and II waste only)
73 – Bulk storage of chemicals etc.	11,655 m ³ fuel storage

Section D – Statement of Actual Part 2 waste discharge quantity

Provide the actual Part 2 waste discharge quantity for this reporting period. Supporting documentation is to be attached.

Prescribed premises category	Actual Part 2 Waste Discharge Quantity
6 – Mine dewatering	2.02 MT

Section E – 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 no:	1.2.1 & 1.2.3	Date(s) of non-compliance:	16 September 2022
Details of non-compliance:			
During routine maintenance it was identified that the pumps at the EPCO had faulted causing sewerage to overflow into storm water drain.			
What was the actual (or suspected) environmental impact of the non-compliance?			
NOTE – please attach maps or diagrams to provide insight into the precise location of where the non-compliance took place.			
The EPCO facility faulted and the raw water sump pumps failed to kick in resulting in the sump overflowing, subsequently discharging untreated sewage into a storm water drain.			
Cause (or suspected cause) of non-compliance:			
A malfunction occurred with the Whaleback EPCO sewage treatment plant facility, which has resulted in the discharge.			
Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:			
<p>Event reported through to area superintendent and supervisors, and inflow of sewage was stopped. On the same day, the area initiated permits to manually turn the pumps on and off, until the faulty equipment can be replaced.</p> <p>On 29/09/22 – the untreated sewage was removed from the stormwater drain by a waste contractor and taken offsite.</p> <p>The vegetation growing at the bottom of the drain will be removed, to allow the sewage to dry up naturally.</p>			
Was this non-compliance previously reported to DWER?			
Yes, and			
<input type="checkbox"/> Reported to DWER verbally		Date: / /	
<input checked="" type="checkbox"/> Reported to DWER in writing		Date: 08/11/2022	

Section E – 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 no:	Table 1.2.4 Sample Location WBSW185	Date(s) of non-compliance:	26/12/2022
Details of non-compliance:			
A damaged pipe caused an unauthorised discharge event of treated water from the evaporation pond.			
What was the actual (or suspected) environmental impact of the non-compliance?			
NOTE – please attach maps or diagrams to provide insight into the precise location of where the non-compliance took place.			
No actual or suspected adverse impact on the environment occurred.			
Cause (or suspected cause) of non-compliance:			
Equipment fault/damage			
Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:			
Raw water system isolated, LV/HV wash pad closed, repairs to pipe work undertaken, more water carts deployed to lower levels and Veolia engaged to remove excess water.			
Was this non-compliance previously reported to DWER?			
Yes, and			
<input type="checkbox"/> Reported to DWER verbally		Date: / /	
<input checked="" type="checkbox"/> Reported to DWER in writing		Date: 28/12/2022	

Section E – 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 no:	3.6.1	Date(s) of non-compliance:	31 December 2022
Details of non-compliance:			
Groundwater monitoring points WBGW010M, WBGW011M, WBGW043DM, WBGW043SM, WBGW045SM, WBSW031, WBSM032, WBSM047, WBSM033, WBSM034, WBSM035, WBSM036, WBSM037 were not sampled during FY2023 Q2 period.			
What was the actual (or suspected) environmental impact of the non-compliance?			
NOTE – please attach maps or diagrams to provide insight into the precise location of where the non-compliance took place.			
No actual or suspected impact on the environment occurred as a result of the missed sampling.			
Cause (or suspected cause) of non-compliance:			
No access to monitoring points due to a heavy rainfall event.			
Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:			
Sampling conducted in Q4.			
Was this non-compliance previously reported to DWER?			
<input type="checkbox"/> Yes, and			
<input type="checkbox"/> Reported to DWER verbally		Date: / /	
<input type="checkbox"/> Reported to DWER in writing		Date: / /	

Section E – 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 no:	Table 1.2.1 & 1.2.3	Date(s) of non-compliance:	December 2022
Details of non-compliance:			
WB Rail Building Effluent Pit overflowed.			
What was the actual (or suspected) environmental impact of the non-compliance?			
NOTE – please attach maps or diagrams to provide insight into the precise location of where the non-compliance took place.			
No environmental impact suspected as the sewage did not enter any environmentally sensitive areas or discharge drains.			
Cause (or suspected cause) of non-compliance:			
WB Rail Building Effluent Pit overflowed as discharge pump had failed			
Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:			
Contractor emptied tanks and has taken waste to a licenced facility off site. The pump is awaiting replacement, with the tank being manually monitored and emptied to prevent any further spillage.			
Was this non-compliance previously reported to DWER?			
<input checked="" type="checkbox"/> Yes, and			
<input type="checkbox"/> Reported to DWER verbally		Date: / /	
<input checked="" type="checkbox"/> Reported to DWER in writing		Date: 29/12/2022	

Section E – 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 no:	N/A	Date(s) of non-compliance:	March 2023
Details of non-compliance:			
A heavy rainfall event at Whaleback caused the EPCO sump to fill with stormwater and overflow into the EPCO bund area. Heavy rainfall continued, resulting in a breach of the EPCO containment bund, releasing a mix of untreated sewage wastewater and stormwater to the surrounding area, which flowed to nearby drainage channel which runs to Whaleback Creek			
What was the actual (or suspected) environmental impact of the non-compliance?			
NOTE – please attach maps or diagrams to provide insight into the precise location of where the non-compliance took place.			
The EPCO bund breach caused an overflow into a drainage channel which runs into Whaleback Creek. Potential contamination of drainage channel soils and creek bed. Samples have been collected to verify water quality. Results assessed to determine any further appropriate remediation actions.			
Cause (or suspected cause) of non-compliance:			
The EPCO bund breach caused an overflow into a drainage channel which runs into Whaleback Creek.			
Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:			
Electrician called to fault find and found control board faulty. Bridging permit submitted to run pumps in manual until repairs can be completed. Affected area contained from reaching Whaleback Creek and clean up initiated.			
Was this non-compliance previously reported to DWER?			
<input checked="" type="checkbox"/> Yes, and			
<input type="checkbox"/> Reported to DWER verbally		Date: / /	
<input checked="" type="checkbox"/> Reported to DWER in writing		Date: 03/04/2023	

Section E – 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 no:	Table 5, Row 12	Date(s) of non-compliance:	March 2023
Details of non-compliance:			
The Mt Whaleback OB29 bioremediation facility cell liner does not meet the permeability requirements of $\leq 10^{-9}$ m/s.			
What was the actual (or suspected) environmental impact of the non-compliance?			
NOTE – please attach maps or diagrams to provide insight into the precise location of where the non-compliance took place.			
As the Mt Whaleback bioremediation area is located within the OB29 and is above natural ground level, no known or suspected adverse environmental impact has occurred.			
Cause (or suspected cause) of non-compliance:			
Bio-remediation facility does not meet design specifications.			
Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:			
BHP will undertake a detailed review of the functionality and management practices of the Whaleback bioremediation area in FY2024.			
Was this non-compliance previously reported to DWER?			
<input checked="" type="checkbox"/> Yes, and			
<input checked="" type="checkbox"/> Reported to DWER verbally		Date 02/08/2023	
<input type="checkbox"/> Reported to DWER in writing		Date:	

Section E – 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 no:	Table 5, Row 3	Date(s) of non-compliance:	May 2023
Details of non-compliance:			
Incorrect scrap tyre storage at Newman West scrap tyre yard. Storage is non-compliant to condition in the Environmental License L4503-1975-14 Table 5 Row 3.			
What was the actual (or suspected) environmental impact of the non-compliance?			
NOTE – please attach maps or diagrams to provide insight into the precise location of where the non-compliance took place.			
No known environmental impact.			
Cause (or suspected cause) of non-compliance:			
Incorrect management of scrap tyres.			
Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:			
Area owners notified to remove scrap tyres to designated tyre disposal area.			
Was this non-compliance previously reported to DWER?			
<input type="checkbox"/> Yes, and			
<input type="checkbox"/> Reported to DWER verbally		Date: / /	
<input type="checkbox"/> Reported to DWER in writing		Date:	

Section E – 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 no:	Condition 2 (Table 15, 1)	Date(s) of non-compliance:	17 April 2023
Details of non-compliance:			
The Whaleback security gate Sewage Treatment Plant pump failed and caused the breather to overflow effluent onto the bare ground.			
What was the actual (or suspected) environmental impact of the non-compliance?			
NOTE – please attach maps or diagrams to provide insight into the precise location of where the non-compliance took place.			
No suspected environmental impact due to low volume and immediate cessation of flow.			
Cause (or suspected cause) of non-compliance:			
The Whaleback security gate Sewage Treatment Plant pump failed.			
Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:			
Toilet facilities put out of service. Investigated fault and repaired neutral fault on power connection for pump.			
Was this non-compliance previously reported to DWER?			
<input type="checkbox"/> Yes, and			
<input type="checkbox"/> Reported to DWER verbally		Date: / /	
<input type="checkbox"/> Reported to DWER in writing		Date: / /	

Section E – 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 no:	Table 15, Row 2	Date(s) of non-compliance:	30 June 2023
Details of non-compliance:			
Due to high weather rain event MEW pond freeboard has breached.			
What was the actual (or suspected) environmental impact of the non-compliance?			
NOTE – please attach maps or diagrams to provide insight into the precise location of where the non-compliance took place.			
No suspected environmental impact due to overflow event.			
Cause (or suspected cause) of non-compliance:			
High rainfall event caused filling of pond beyond capacity.			
Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:			
Overflow valve opened. Water sample taken. Recorded flow meter reading.			
Was this non-compliance previously reported to DWER?			
<input type="checkbox"/> Yes, and			
<input type="checkbox"/> Reported to DWER verbally		Date: / /	
<input type="checkbox"/> Reported to DWER in writing		Date: / /	

Section E – 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 no:	Condition 31	Date(s) of non-compliance:	30 June 2023
Details of non-compliance:			
Yarnima RO Reject Water was not sampled for pH.			
What was the actual (or suspected) environmental impact of the non-compliance?			
NOTE – please attach maps or diagrams to provide insight into the precise location of where the non-compliance took place.			
No suspected environmental impact due to missed analyte sample.			
Cause (or suspected cause) of non-compliance:			
This is a new requirement in the revised licence that was not recognised during the review process. Administration error.			
Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:			
Sampling for pH added to the routine sampling program.			
Was this non-compliance previously reported to DWER?			
<input type="checkbox"/> Yes, and			
<input type="checkbox"/> Reported to DWER verbally		Date: / /	
<input type="checkbox"/> Reported to DWER in writing		Date: / /	

Section E – 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 no:	Condition 21	Date(s) of non-compliance:	30 June 2023
Details of non-compliance:			
Putrescible waste was observed to be stored outside the putrescible landfill.			
What was the actual (or suspected) environmental impact of the non-compliance?			
NOTE – please attach maps or diagrams to provide insight into the precise location of where the non-compliance took place.			
Potential leaching into bare ground.			
Cause (or suspected cause) of non-compliance:			
Temporary storage of putrescible waste			
Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:			
Putrescible waste to deposited to the putrescible landfill.			
Was this non-compliance previously reported to DWER?			
<input type="checkbox"/> Yes, and			
<input type="checkbox"/> Reported to DWER verbally		Date: / /	
<input type="checkbox"/> Reported to DWER in writing		Date: / /	

Section E – 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 no:	NA	Date(s) of non-compliance:	30 June 2023
Details of non-compliance:			
It was observed that the abrasive blasting shed and abrasive blasting storage shed was not enclosed.			
What was the actual (or suspected) environmental impact of the non-compliance?			
NOTE – please attach maps or diagrams to provide insight into the precise location of where the non-compliance took place.			
Potential contamination of surrounding land.			
Cause (or suspected cause) of non-compliance:			
The abrasive blasting shed and abrasive blasting storage shed was not enclosed.			
Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:			
Abrasive blasting shed to be fully enclosed to prevent discharge of materials.			
Was this non-compliance previously reported to DWER?			
<input type="checkbox"/> Yes, and			
<input type="checkbox"/> Reported to DWER verbally		Date: / /	
<input type="checkbox"/> Reported to DWER in writing		Date: / /	

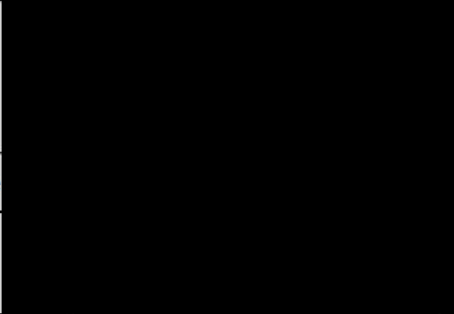
Section E – Details of non-compliance with licence condition			
Please use a separate page for each condition with which the licence holder was non-compliant at a time during the reporting period.			
Condition no:	Table 8, Row 4	Date(s) of non-compliance:	30 June 2023
Details of non-compliance:			
TDS spot sample missed for L3 (Hub Turkey's nest) during contingency discharge in December and January.			
What was the actual (or suspected) environmental impact of the non-compliance?			
NOTE – please attach maps or diagrams to provide insight into the precise location of where the non-compliance took place.			
No suspected environmental impact due to missed analyte sample.			
Cause (or suspected cause) of non-compliance:			
No samples taken during contingency discharge events. Administrative error.			
Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:			
Area owner to be notified of licence requirements, and advise when point is being discharged for contingency purposes.			
Was this non-compliance previously reported to DWER?			
<input type="checkbox"/> Yes, and			
<input type="checkbox"/> Reported to DWER verbally		Date: / /	
<input type="checkbox"/> Reported to DWER in writing		Date: / /	

Section E – 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 no:	Condition 35, Table 10	Date(s) of non-compliance:	30 June 2023
Details of non-compliance:			
Monitoring point WBSW043 was not sampled for Q1 and monitoring point WBSW042 for Q3 of FY2023.			
What was the actual (or suspected) environmental impact of the non-compliance?			
NOTE – please attach maps or diagrams to provide insight into the precise location of where the non-compliance took place.			
No suspected environmental impact due to missed analyte sample.			
Cause (or suspected cause) of non-compliance:			
No samples taken due to damaged or missing equipment.			
Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:			
Monitoring equipment has been replaced.			
Was this non-compliance previously reported to DWER?			
<input type="checkbox"/> Yes, and			
<input type="checkbox"/> Reported to DWER verbally		Date: / /	
<input type="checkbox"/> Reported to DWER in writing		Date: / /	

Section E – 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 no:	NA	Date(s) of non-compliance:	30 June 2023
Details of non-compliance:			
Storage of hydrocarbons unbunded and evidence of spills outside of containment.			
What was the actual (or suspected) environmental impact of the non-compliance?			
NOTE – please attach maps or diagrams to provide insight into the precise location of where the non-compliance took place.			
Spill was contained to area of bare ground, unbunded hydrocarbons have the potential to be released into the environment once breached containment.			
Cause (or suspected cause) of non-compliance:			
Poor housekeeping of the area.			
Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:			
Area owners were identified, plan put in place to advise of remediation actions to be undertaken. Notification has been raised to remediate hydrocarbon storage area.			
Was this non-compliance previously reported to DWER?			
<input type="checkbox"/> Yes, and			
<input type="checkbox"/> Reported to DWER verbally		Date: / /	
<input type="checkbox"/> Reported to DWER in writing		Date: / /	

Section E – 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 no:	NA	Date(s) of non-compliance:	25 May 2023
Details of non-compliance:			
Storage of hydrocarbons in a location without adequate bunding.			
What was the actual (or suspected) environmental impact of the non-compliance?			
NOTE – please attach maps or diagrams to provide insight into the precise location of where the non-compliance took place.			
Un-bunded hydrocarbons have the potential to be released into the environment once breached containment.			
Cause (or suspected cause) of non-compliance:			
Poor housekeeping.			
Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:			
Area owners were notified of the finding at the completion of the audit and were asked to place the IBC's on the required bunding.			
Was this non-compliance previously reported to DWER?			
<input type="checkbox"/> Yes, and			
<input type="checkbox"/> Reported to DWER verbally		Date: / /	
<input type="checkbox"/> Reported to DWER in writing		Date: / /	

Section E – 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 no:	NA	Date(s) of non-compliance:	30 June 2023
Details of non-compliance:			
Overflow of process water into Whaleback Creek.			
What was the actual (or suspected) environmental impact of the non-compliance?			
NOTE – please attach maps or diagrams to provide insight into the precise location of where the non-compliance took place.			
Overflow of water from the clarified tank in the plant was discharged into the creek.			
Cause (or suspected cause) of non-compliance:			
Poor management of process water in the plant.			
Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:			
Management of process water in the plant to be reviewed and modified to mitigate excess water flow into Whaleback Creek.			
Was this non-compliance previously reported to DWER?			
<input type="checkbox"/> Yes, and			
<input type="checkbox"/> Reported to DWER verbally		Date: / /	
<input type="checkbox"/> Reported to DWER in writing		Date: / /	

Section F – Declaration			
I / We 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 / We consent to the Annual Audit Compliance Report being published on the Department of Water and Environmental Regulation's (DWER) website.			
Signature ² :		Signature:	
Name: (printed)		Name: (printed)	
Position:		Position:	
Date:	31/08/2023	Date:	
Seal (if signing under seal):			

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.