



## Annual Audit Compliance Report Form

*Environmental Protection Act 1986, Part V*

Section A – Licence Details			
Licence number:	L8644/2012/1	Licence file number:	2012/002162-1
Licence holder:	Big Bell Gold Operations Pty Ltd		
Trading as:	Big Bell Gold Operations Pty Ltd		
ACN:	60 009 260 306		
Registered address:	Level 6, 200 St Georges Terrace Perth WA 6000		
Reporting period:	01/01/2023 to 31/12/2023		


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)
<input type="checkbox"/> Yes – please complete: <ul style="list-style-type: none"><li>• section C;</li><li>• section D if required; and</li><li>• sign the declaration in Section F.</li></ul>
<input checked="" type="checkbox"/> No – please complete: <ul style="list-style-type: none"><li>• section C;</li><li>• section D if required;</li><li>• section E; and</li><li>• sign the declaration at Section F.</li></ul>

Section C – Statement of Actual Production	
Provide the actual production quantity for this reporting period. Supporting documentation is to be attached.	
<b>Prescribed Premises Category</b>	<b>Actual Production Quantity</b>
05 – Processing and Beneficiation of Ore	1,318,745 tonnes

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.	
<b>Prescribed Premises Category</b>	<b>Actual Part 2 Waste Discharge Quantity</b>
06 – Mine Dewatering	1,357,491 tonnes
61 – Liquid Waste Facility	86,577 tonnes
64 – Class II Putrescible Landfill	218.4 tonnes

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:	15, Table 9	Date(s) of non-compliance:	17/09/23, 12/12/23
Details of non-compliance:			
<p><b>TBS3:</b> Sulphate exceedance detected. Limit 3000 mg/L. Recorded value 3200 mg/L (12/12/23).</p> <p><b>JMB005:</b> TDS exceedance detected. Limit 4000 mg/L. Recorded value 5152 mg/L (17/09/23) and 4829 mg/L (12/12/23)</p>			
What was the actual (or suspected) environmental impact of the non-compliance?			
<p><b>NOTE</b> – please attach maps or diagrams to provide insight into the precise location of where the non-compliance took place.</p> <p><b>TBS3:</b> No environmental impact has been detected through photographic monitoring as demonstrated through Section 8.1 in the L8644/2012/1 2023 AER.</p> <p>A comprehensive geophysical assessment conducted by Applied Scientific Services and Technology (ASST) in March 2021 investigated the potential extent of seepage from TSF2. The assessment revealed the presence of naturally occurring near-surface clay, which acts as an effective barrier, confining any potential seepage to the localised area surrounding monitoring bore TBS3.</p> <p><b>JMB005:</b> SWL was recorded at 10.52 mbgl on 17/9/23, 16.34 mbgl on 14/10/23 and 27.80 mbgl on 16/11/23. This occurred after the supernatant pool was drawn down in an attempt to reduce seepage into JMB005 from the supernatant pool. The SWL returned to a pre-seepage interception level after two months. TDS readings continued to decrease each month as the supernatant water dispersed from JMB005.</p> <p>No environmental impacts have been detected as a result of the exceedance and BBGO does not expect any significant or adverse effects to the surrounding vegetation health or groundwater aquifer quality.</p>			
Cause (or suspected cause) of non-compliance:			
<p><b>TBS3:</b> Caused by the leaching of process solution through TSF2 into surrounding groundwater, as designed.</p> <p><b>JMB005:</b> Caused by the filling of the Julies Reward in-pit TSF and close proximity to the supernatant pool. The supernatant reserve was increased for contingency process water when changing to TSF2 (following recent completion of a 2.5 m lift). Upon building the reserve, it appears seepage has been intercepted by JMB005 due to the proximity of the monitoring bore to the supernatant pool.</p>			

Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:	
<p><b>TBS3:</b> BBGO will continue monitoring SWL and undertaking quarterly local photo monitoring as per L8644/2012/1. The groundwater flow pathways direct the water and has not been assessed as a threat to the adjacent environment.</p> <p><b>JMB005:</b> BBGO will continue monitoring SWL. The supernatant pool has been drawn down adequately to reduce any potential future seepage as much as practicable.</p> <p>A seepage reclamation/production bore (JDW05) has been installed to the northern side of Julies Reward In-pit TSF to reduce groundwater mounding and limit local groundwater infiltration. This bore is scheduled to become active in Q2 2024 and is expected to drawdown the groundwater table below the In-pit TSF when fully operational.</p> <p>Once Julies Reward In-Pit TSF reaches capacity in the near future, process water will cease to pool in the current supernatant pool. It is expected that JMB005 will return to pre-seepage interception levels.</p>	
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: 23/10/2023 and 28/02/2024
<b>Section F – Declaration</b>	

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 <sup>1</sup> . I/We consent to the Annual Audit Compliance Report being published on the Department of Water and Environmental Regulation's (DWER) website.			
Signature <sup>2</sup> :		Signature:	
Name: (printed)		Name: (printed)	
Position:		Position:	
Date:		31/3/24	Date:
Seal (if signing under seal):			

<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.