



## Annual Audit Compliance Report Form

*Environmental Protection Act 1986, Part V Division 3*

Once completed, please submit this form either via email to [info@dwer.wa.gov.au](mailto:info@dwer.wa.gov.au), or to the below postal address:

Department of Water and Environmental Regulation  
Locked Bag 10  
Joondalup DC WA 6919

Section A – Licence details			
Licence number:	L8676/2012/1	Licence file number:	2012/002666-3
Licence holder name:	AngloGold Ashanti Australia Limited		
Trading as:	N/A		
ACN:	008 737 424		
Registered business address:	Level 10 140 St Georges Terrace PERTH WA 6000		
Reporting period:	01/01/2020 to 31/12/2020		

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 in 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.	
Prescribed premises category	Actual production quantity
5	8,829,061 tonnes
12	635,223 tonnes
52	50 MW
54	Total throughput 53,986 m <sup>3</sup> Daily average 148 m <sup>3</sup> *
64	11,155.93 tonnes
73	As per approved capacity

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
Tailings	8,829,061 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:	<b>1.2.1</b> The Licence Holder shall operate and maintain all pollution control and monitoring equipment to the manufacturer's specification or any relevant and effective internal management system.	Date(s) of non-compliance:	Variable across the reporting period
Details of non-compliance:			
Pollution control equipment that was a) not operational, b) failed or c) was not maintained to the standard as intended by this condition includes:			
<ul style="list-style-type: none"> <li>• Process Water Pond liner;                             <ul style="list-style-type: none"> <li>○ During the 2018 reporting period, groundwater monitoring results from a monitoring bore immediately adjacent to the Process Water Pond indicated that the integrity of the HDPE liner on the Process Water Pond was potentially compromised.</li> <li>○ During the 2020 reporting period, draining and subsequent inspection of the Process Water Pond confirmed that the HDPE liner integrity had been compromised.</li> </ul> </li> <li>• Tailings Storage Facility liner;                             <ul style="list-style-type: none"> <li>○ The operation of the TSF has been observed to have a localised impact to groundwater quality and groundwater levels during the reporting period.</li> </ul> </li> </ul>			
What was the actual (or suspected) environmental impact of the non-compliance?			
<b>NOTE</b> – please attach maps or diagrams to provide insight into the precise location of where the non-compliance took place.			
<b>PROCESS WATER POND LINER</b> <ul style="list-style-type: none"> <li>• Localised detection of very low levels of WAD Cyanide in the groundwater environment are not anticipated to have any detrimental impact on the existing saline to hypersaline groundwater regime, with no known beneficial use of the groundwater in the vicinity of the TGM operation. As groundwater recovery bores installed in the processing plant area return all recovered water to the plant for re-use in the processing system, there is limited environmental impact associated with these low-level concentrations of WAD cyanide in groundwater.</li> </ul>			

Section E – Details of non-compliance with licence condition



Figure 2 – Process Water Pond and Monitoring and Recovery Bore Locations

**TAILINGS STORAGE FACILITY**

- Localised changes in groundwater quality are not considered to have had any detrimental impact to environmental values. The existing groundwater environment is typically saline to hypersaline and has no known beneficial users.
- Groundwater levels surrounding the TSF were observed to stabilise and/or decline during the reporting period due to ongoing implementation of the TGM Seepage Mitigation Project. The current groundwater levels were not observed to have any impacts on environmental receptors, including vegetation.
  - Monitoring of vegetation condition in proximity to operational areas has not identified any impacts to vegetation health associated with changes in groundwater quality or groundwater levels.

**Section E – Details of non-compliance with licence condition**



**Figure 3 – TSF Monitoring Bore Locations**

Cause (or suspected cause) of non-compliance:

**PROCESS WATER POND LINER**

- Confirmed failure in the integrity of both the primary and secondary HDPE pond liners in specific areas of the Process Water Pond.

**TAILINGS STORAGE FACILITY**

- The cause/s of the localised change in groundwater levels and quality from the TSF have been attributed to the increased hydraulic head within the TSF during the reporting period and suspected failure of the compacted clay liner.

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

**PROCESS WATER POND LINER**

Actions undertaken include:

- Process Water Pond liner repairs were completed in September 2020 which involved taking the Process Water Pond offline to inspect and repair as required both the primary and secondary pond liners;
- Recovery bores installed to recover any potential localized contamination to groundwater surrounding the Process Water Pond; and
- Ongoing groundwater monitoring, including the installation of additional monitoring bores with the Processing Plant.

**Section E – Details of non-compliance with licence condition**

The integrity of the HDPE Process Water Pond liner has now been fully rectified and the Process Water Pond returned to service.

**TAILINGS STORAGE FACILITY**

Actions undertaken during 2020 include:

- Ongoing groundwater monitoring of water levels and water quality around the TSF.
- Installation of three replacement pairs of deep and shallow monitoring bores around the perimeter of the TSF.
- Ongoing implementation of the Seepage Mitigation Project – currently 22 groundwater recovery bores in operation around the perimeter of the TSF.
- During the reporting period the following changes were made to the TSF recovery bore network:
  - Three new recovery bores installed on the south-east corner of the TSF;
  - Three bores decommissioned on the west side of the TSF due to the expansion of the integrated waste landform.

Was this non-compliance previously reported to DWER?

Yes, and

Reported to DWER verbally

Date: / /

Reported to DWER in writing

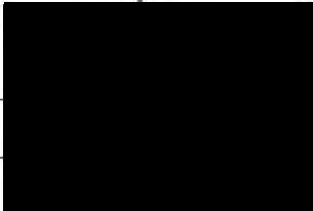
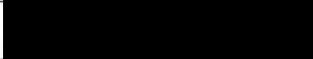

Date: 31/03/2019

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:	<b>1.3.6</b> The Licence Holder shall ensure that tailings, decant water, process plant stormwater and wastewater treatment plant (WWTP) effluent are only discharged into containment cells with the relevant infrastructure requirements and at the locations specified in Table 1.3.3 and identified in Schedule 1.	Date(s) of non-compliance:	Various times throughout the reporting period.
Details of non-compliance:			
Throughout the reporting period the following containment devices did not sufficiently contain the material as required by Condition 1.3.6 for the following locations: <ul style="list-style-type: none"> <li>• Process Water Pond liner; and</li> <li>• Tailings Storage Facility.</li> </ul> Refer to previous Non-Compliance report for Condition 1.2.1 for details.			
What was the actual (or suspected) environmental impact of the non-compliance?			
<b>NOTE</b> – please attach maps or diagrams to provide insight into the precise location of where the non-compliance took place.			
Refer to previous Non-Compliance report for Condition 1.2.1 for details.			
Cause (or suspected cause) of non-compliance:			
Refer to previous Non-Compliance report for Condition 1.2.1 for details.			
Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:			
Refer to previous Non-Compliance report for Condition 1.2.1 for details.			
Was this non-compliance previously reported to DWER?			
<input type="checkbox"/> Yes, and			
<input type="checkbox"/> Reported to DWER verbally		Date: / /	
<input checked="" type="checkbox"/> Reported to DWER in writing		Date: 31/03/2019	

**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<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:	24/03/2021	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.

**PART 2 WASTE DISCHARGE QUANTITY**

Processing Plant Monthly Throughput 2020

Data sourced from reconciled End of Month Physicals Report (TM1).

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Monthly Throughput (dry tonnes)	733,465	654,537	743,073	726,995	771,932	629,342	780,507	765,145	747,230	721,777	770,084	784,975