



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, 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:	01/01/2021 to 31/12/2021		

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">• section C;• section D (if required); and• sign the declaration in Section F.
<input checked="" type="checkbox"/> No – please complete: <ul style="list-style-type: none">• section C;• section D (if required);• section E; and• sign the declaration in 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	9,189,524 tonnes
12	1,289,783 tonnes
52	50 MW
54	Daily average - 157 m ³ Total throughput - 57,327 m ³
64	13,744 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	9,189,524 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:	1. The Licence Holder must 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:	Various times throughout 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"> • Tailings Storage Facility liner; <ul style="list-style-type: none"> ○ The operation of the TSF has been observed to have a localised impact to groundwater quality and groundwater levels historically and during the reporting 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.			

Section E – Details of non-compliance with licence condition

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.

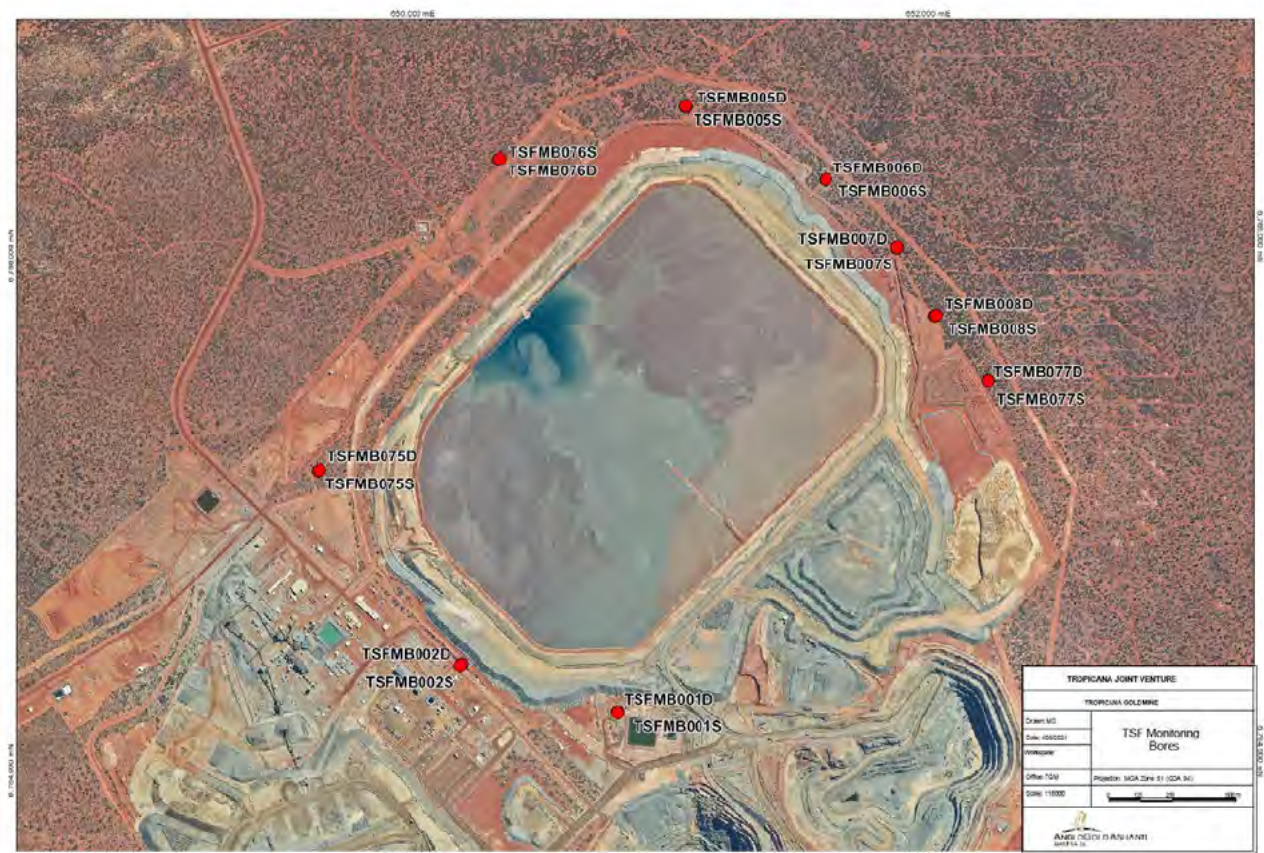


Figure 1 – TSF Monitoring Bore Locations

Cause (or suspected cause) of non-compliance:

TAILINGS STORAGE FACILITY

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



Section E – Details of non-compliance with licence condition	
Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:	
<p>TAILINGS STORAGE FACILITY</p> <p>Actions undertaken during 2021 include:</p> <ul style="list-style-type: none"> • Ongoing groundwater monitoring of water levels and water quality around the TSF. • Ongoing implementation of the Seepage Mitigation Project – currently 26 groundwater recovery bores in operation around the perimeter of the TSF. • Installation of Vibrating Wire Piezometers (VWPs) across the tailings beach to improve understanding of the in-situ tailings parameters and pore pressure distribution/seepage regime across the tailings basin. • During the reporting period the following changes were made to the TSF recovery bore network: <ul style="list-style-type: none"> ○ Three recovery bores commissioned on the south-east corner of the TSF; ○ A seepage collection trench (Northern Trench) was completed and commissioned in early 2021 to assist in recovery of seepage from the northern embankment of the TSF. ○ Installation of an underdrainage riser in the northeastern corner of the TSF to replace the underdrainage pipe which appears to be damaged or blocked. Final installation of the pump and headworks is expected to occur in early 2022. ○ One additional deep seepage recovery bore installed (to be commissioned in 2022) adjacent to the underdrainage riser in the northeastern corner of the TSF. ○ Two additional seepage recovery bores were drilled in Q3 2021 on the western side of the TSF (will be commissioned in 2022). 	
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: 31/03/2020

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:	9. The Licence Holder must ensure that tailings, decant water, process plant stormwater and (WWTP) effluent are only discharged into containment cells with the relevant infrastructure requirements and at the locations specified in Table 3 and identified in Figure 3 and Figure 4 of 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 9 for the following locations: <ul style="list-style-type: none"> • Tailings Storage Facility. Refer to previous Non-Compliance report for Condition 1 for details.			
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.			
Refer to previous Non-Compliance report for Condition 1 for details.			
Cause (or suspected cause) of non-compliance:			
Refer to previous Non-Compliance report for Condition 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 for details.			
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: 31/03/2020	

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 particular¹.

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:	General Manager	Position:	
Date:	30/03/2022	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.

Prescribed Premise Category 5

Processing Plant Monthly Throughput

2021	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Monthly Throughput (dry tonnes)	784848	620391	780985	745934	781121	650726	829592	795623	801045	761607	817855	819797

Data supplied by Process Management Reporting System (Citec) on a monthly basis.

Prescribed Premise Category 12

Crushing and Screening Plant Monthly Throughput

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Monthly Total (tonnes)	80849	65898	91824	126587	95905	106657	106216	108274	128350	127374	126251	125598

Data provided by contractor (Cape Crushing) on a monthly basis.

Prescribed Premise Category 54

Waste Water Treatment Plant Monthly Throughput

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Sewage Throughput MTD (kL)	4237	4114	4,743	4,830	5,400	4,562	4792	4766	4568	5301	5225	4789
Daily average (kL)	136.7	146.9	153.0	161.0	174.2	152.1	159.7	153.7	152.3	171.0	174.2	154.5

Data supplied from the Process Management Reporting System (Citec) on a monthly basis.

Prescribed Premise Category 64

Landfill Monthly Throughput

Tonnes	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
General Waste (m ³)	664	705	729	768	885	830	787	955	859	979	844	1392
Putrescible Waste (m ³)	90	90	90	90	90	90	90	90	90	90	90	90
Biosolids (m ³)	27	18	30	21	30	9	48	54	39	36	24	19
General Waste (tonnes)	730.4	775.5	801.9	844.8	973.5	913	865.7	1050.5	944.9	1076.9	928.4	1531.2
Putrescible Waste (tonnes)	36	36	36	36	36	36	36	36	36	36	36	36
Biosolids (tonnes)	29.7	19.8	33.0	23.1	33.0	9.9	52.8	59.4	42.9	39.6	26.4	20.9
LV Tyres (tonnes)	0.9	0.47	0.68	0.96	1.5	0.5	1.24	0.44	1.06	0.924	0.814	0.92
HV Tyres (tonnes)	46	100.1	82.5	103	92.5	83.3	132.3	258.2	151.9	100.7	178.68	145.4
TOTAL (tonnes)	843.0	931.9	954.1	1007.9	1136.5	1042.7	1088.0	1404.6	1176.8	1254.1	1170.3	1734.5

Data is conservatively collected in cubic metres and converted to tonnes based on the Waste Avoidance and Resource Recovery Levy Regulations 2008.