



Annual Audit Compliance Report Form

Environmental Protection Act 1986, Part V

Once completed, please submit this form either via email to info-der@dwer.wa.gov.au, or to the below postal address:

Department of Water and Environmental Regulation
Locked Bag 33 Cloisters Square
PERTH WA 6850

| Section A – Licence Details | | | |
|-----------------------------|-------------------------------------|----------------------|-------------|
| Licence number: | L8579/2011/2 | Licence file number: | 2012/006902 |
| Licence holder: | AngloGold Ashanti Australia Limited | | |
| Trading as: | AngloGold Ashanti Australia Limited | | |
| ACN: | 008 737 424 | | |
| Registered address: | 140 St Georges Terrace, Perth, 6000 | | |
| Reporting period: | 01 / 01 / 2018 to 31 / 12 / 2018 | | |

| 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 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 |
| 05 Processing or beneficiation of metallic or non-metallic ore | 4,032,275 tonnes |
| 06 Mine Dewatering | 1,845,671 tonnes |
| 52 Electric Power Generation | 48 MW |
| 54 Sewage Facility | Average 165.2m ³ per Day |
| 57 Used Tyre Storage | Did not exceed 1000 |
| 64 Class II Putrescible Landfill Site | 336 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.

| Prescribed Premises Category | Actual Part 2 Waste Discharge Quantity |
|-------------------------------------|---|
| 4201 Tailings | 1,493,519 m ³ |
| 4203 Water to Allow Mining of Ore | 1,845,671 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: | 1.3.6 | Date(s) of non-compliance: | 2018 |
|---------------|-------|----------------------------|------|

Details of non-compliance:

Condition 1.3.6: The Licensee shall ensure that tailings, decant water and effluent are only discharged into containment cells or ponds with the relevant infrastructure requirements and at the locations specified in Table 1.3.3.

| Storage vessel or compound | Material | Requirements |
|---|--|---|
| WWTP evaporation ponds one, two, three, six and seven | Primary treated sewage | Clay lined or equivalent |
| WWTP over-flow ponds four and five | Over-flow of primary treated sewage from evaporation ponds | None specified |
| Process water pond | CTD TSF return water, borefield and mine dewater | Lined with at least 0,5 m of clay with a permeability of $<10^{-8}$ m/s or equivalent |
| Water storage ponds/dewatering ponds | Mine dewater | None specified |
| CTD TSF | Tailings | Lined with 1 mm HDPE to achieve a permeability of at least $<10^{-7}$ m/s or equivalent |

During 2018 SDGM recorded spills or leaks from pipelines and other infrastructure, therefore SDGM is reporting minor discharges to infrastructure (generally secondary containment infrastructure) not listed in Table 1.3.3. Each incident was recorded and is presented in the Annual Environmental Report Appendix A. In each incident, no adverse impact to the environment has been observed.

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 adverse environmental impact observed.

Cause (or suspected cause) of non-compliance:

Minor discharges to infrastructure (generally secondary containment infrastructure) not listed in Table 1.3.3.

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

Individual actions for each incident are listed within Annual Environmental Report Appendix A.

Was this non-compliance previously reported to DWER?

Yes, and

Reported to DWER verbally

Date: multiple dates

Reported to DWER in writing

Date: multiple dates

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: | 1.3.7 | Date(s) of non-compliance: | 01 July 2018 |
|---------------|-------|----------------------------|--------------|

Details of non-compliance:

Condition 1.3.7 The Licensee shall manage all containment infrastructure in Table 1.3.3 such that a minimum top of embankment freeboard of 300mm or a 1 in 100 year/72 hour storm event (whichever is greater) is maintained.

| Storage vessel or compound | Material | Requirements |
|---|--|---|
| WWTP evaporation ponds one, two, three, six and seven | Primary treated sewage | Clay lined or equivalent |
| WWTP over-flow ponds four and five | Over-flow of primary treated sewage from evaporation ponds | None specified |
| Process water pond | CTD TSF return water, borefield and mine dewater | Lined with at least 0.5 m of clay with a permeability of $<10^{-6}$ m/s or equivalent |
| Water storage ponds/dewatering ponds | Mine dewater | None specified |
| CTD TSF | Tailings | Lined with 1 mm HDPE to achieve a permeability of at least $<10^{-7}$ m/s or equivalent |

On the 1 July 2018 the Sunrise Dam Gold Mine, Process Plant, Process Water Pond (Cyanide Free Pond) has overtopped resulting in a release onto the hardstand area surrounding the Pond. This overflow water has then flowed into the Event Pond. The minimum freeboard requirement on the pond was not maintained.

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 release to environment. All overflow was directed into the Event Pond. No process water was discharged into undisturbed vegetation or undisturbed soils. No pollution to the environment. No adverse impacts have been observed.

Cause (or suspected cause) of non-compliance:

The process plant ponds are fitted with levels alarms. These sensors and levels are calibrated and tested to ensure the 100% capacity pond level is 300mm (freeboard height) below the discharge/ overflow pipelines. Citect records show that the system activated a warning alarm at the “High” set point (95% of the pond capacity) and again at the “High High” set point (98% of the pond capacity). Two separate alarms were activated. The Mill Control Room Operator suffered a lapse and failed to respond to the “High” alarm and again failed to respond to the “High High” alarm. Cause of the incident was human error failing to respond or action the alarms.

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

Given the correct functioning of the systems and warning alarms, AGAA are unable to identify any new engineering controls that would prevent this incident. The existing controls have been evaluated and tested as sufficient to prevent a reoccurrence of this incident.

Section E – Details of Non-Compliance with Licence Condition

Was this non-compliance previously reported to DWER?

Yes, and

Reported to DWER verbally

Date:

Reported to DWER in writing

Date: 02 / 07 / 2018

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: | 3.2.3 | Date(s) of non-compliance: | 2018 |
|---------------|-------|----------------------------|------|

Details of non-compliance:

Condition 3.2.3 The Licensee shall undertake the monitoring in Table 3.2.1 according to the specifications in that table.

| Emission point reference | Parameter | Units ¹ | Frequency ² | Method |
|---------------------------------------|--------------------------|--------------------|---|--------------------------|
| Existing Gas Gensets (engine exhaust) | Volumetric flow rate | m ³ /s | n/a | USEPA Method 2 |
| | Oxides of nitrogen (NOx) | mg/m ³ | Annually | Modified USEPA Method 7E |
| | Carbon monoxide (CO) | | | Modified USEPA Method 10 |
| New Gas Gensets #27 - #29 | Volumetric flow rate | m ³ /s | n/a | USEPA Method 2 |
| | Oxides of nitrogen (NOx) | mg/m ³ | Once during commissioning (at full load conditions) and then annually | Modified USEPA Method 7E |
| | Carbon monoxide (CO) | | | Modified USEPA Method 10 |

Note 1: All units are referenced to STP dry

Note 2: Monitoring shall be undertaken to reflect normal operating conditions and any limits or conditions on inputs or production.

All annual monitoring of the “Existing Gas Gensets (engine exhaust)” was completed in full compliance to the Licence condition, with the exception of Genset #16.

Genset #16 was only operational from January to March 2018 and again in September to December 2018. During all other months the Genset was out of service and could not be operated. Genset #16 was last monitored 19 June 2017.

Monitoring of the Gas Gensets was scheduled and completed in May 2018. Genset #16 was out of service in May during the scheduled monitoring.

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.

Cause (or suspected cause) of non-compliance:

Generator #16 was out of service during the scheduled monitoring event in 2018.

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

Generator #16 will be included at the next scheduled monitoring event in 2019.

Was this non-compliance previously reported to DWER?

Yes, and

Reported to DWER verbally

Date: / /

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: | 3.5.1 | Date(s) of non-compliance: | 2018 |
|---------------|-------|----------------------------|------|

Details of non-compliance:

Condition 3.5.1 The Licensee shall undertake the monitoring in Table 3.5.1 according to the specifications in that table.

| Table 3.5.1: Monitoring of ambient groundwater quality | | | | |
|--|--|--------|------------------|-----------|
| Monitoring point reference and location | Parameter | Units | Averaging period | Frequency |
| Monitoring bores TSF1 (closed): TSFMB9, TSFMB10, TSFMB11, TSFMB12 | pH | - | Spot sample | Annually |
| | Standing water level (SWL) | m(AHD) | | |
| | TDS, weak acid dissociable cyanide (WAD-CN), sodium, potassium, calcium, magnesium, arsenic, chromium, copper, lead, manganese, nickel, selenium, boron. | mg/L | | |
| MB5 and MB8 | SWL | m(AHD) | Quarterly | |
| Monitoring bores CTD: CTDMB2, CTDMB2A, CTDMB3, CTDMB4, CTDMB7, CTDMB11A, CTDMB11B, CTDMB13, CTDMB14, CTDMB15A, CTDMB15B, CTDMB15C, CTDMB16, CTDMB17A, CTDMB17B, CTDMB24A-B, CTDMB25A-E, CTDMB26A-E, CTDMB27A-E | pH | - | | |
| | SWL | m(AHD) | | |
| | TDS, WAD-CN, sodium, potassium, calcium, magnesium, arsenic, chromium, copper, lead, manganese, nickel, selenium, boron. | mg/L | | |

After Amendment 1, dated 12 September 2017

During the CTD TSF expansion works CTDMB14, CTDMB26E, CTDMB27A and CTDMB27B were all accidentally destroyed. Therefore monitoring of these bores could not be completed.

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.

| Section E – Details of Non-Compliance with Licence Condition | |
|---|-----------|
| Cause (or suspected cause) of non-compliance: | |
| <p>CTDMB14 was accidentally destroyed in Q1 2018.</p> <p>CTDMB26E was accidentally destroyed in 2017.</p> <p>CTDMB27A was accidentally destroyed in Q1 2018.</p> <p>CTDMB27B was accidentally destroyed in Q4 2018.</p> | |
| Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance: | |
| <p>All destroyed bores are located within the CTD TSF stage 10 footprint. Any bores remaining within the tailings facility expanded footprint will be sealed in 2019. Replacement bores outside of the stage 10 footprint will be constructed in 2019. SDGM will request a license amendment to remove the destroyed and sealed bores, and replace with the newly constructed stage 10 bores, once the new bores are constructed.</p> | |
| 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 | | | |
|--|-----------------|-----------------|--|
| <p>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.</p> <p>I / We consent to the Annual Audit Compliance Report being published on the Department of Water and Environmental Regulation's (DWER) website.</p> | | | |
| Signature ² : | | Signature: | |
| Name: (printed) | Matthew O'Hara | Name: (printed) | |
| Position: | General Manager | Position: | |
| Date: | 27/2/19 | 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.