



Government of **Western Australia**
Department of **Water and Environmental Regulation**

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:	4611/1987/11	Licence file number:	2012/006836-1
Licence holder name:	Agnew Gold Mining Company Pty Ltd		
Trading as:	Agnew Gold Mining Company Pty Ltd		
ACN:	098 385 883		
Registered business address:	[REDACTED]		
Reporting period:	01 / 01 / 2024 to 31 / 12 / 2024		

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 Processing or beneficiation of metallic or non-metallic ore)	1,157,950 tonnes
6 Mine dewatering	884,784 kL

Department of Water and Environmental Regulation

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		
85 Sewage Facility	32.5 m ³ per day (11,984 m ³ annual)		
89 Putrescible landfill site	3,740 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, Table 1	Date(s) of non-compliance:	01/01/2024 - 31/12/2024
Details of non-compliance:			
<p>The Waroonga Biomax WWTP failed to meet the minimum wastewater effluent quality performance criteria during the current reporting period, as follows:</p> <ul style="list-style-type: none"> • 3 Total Suspended Solid exceedances of 30 mg/L (June, July, August) • 1 <i>Escherichia coli</i> exceedance of 1,000 cfu/100ml (March) • 7 Residual Free Chlorine exceedances of 0.2 – 5.0 mg/L (January, May, June, July, August, September, December) <p>These numerical exceedances are summarized in the 2024 AER, under compliance to Condition 1.</p>			
What was the actual (or suspected) environmental impact of the non-compliance?			
<p>NOTE – please attach maps or diagrams to provide insight into the precise location of where the non-compliance took place.</p>			
There was no actual (or suspected) environmental impact resulting from the exceedance to wastewater effluent quality parameters, as all Waroonga Biomax WWTP effluent was discharged to the licensed Waroonga Irrigation Sprayfield, which is designed to contain wastewater, and constructed on the Waroonga Waste Rock Landform.			
Cause (or suspected cause) of non-compliance:			
As previously communicated to DWER in 2022 and 2023, the Waroonga Biomax WWTP facility was not designed or installed to adequately treat the required throughput of wastewater effluent.			
Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:			
AGMC have previously corresponded with DWER (31 October 2022) in relation to the non-compliance of the Waroonga Biomax WWTP. An upgraded Tristar Sequential Reactor WWTP was approved under licence amendment in October 2023. Through consultation with Tristar Water Solutions, monthly maintenance was completed across the Biomax WWTP facility during 2023. As wastewater effluent quality parameters continued to exceed the licence limits, Biomax were brought to run diagnostic checks throughout the system. It was then decided that upgrade of the existing Biomax facility, rather than replacement with a Tristar WWTP, was the most viable option. These upgrade works commenced in December 2024.			
Was this non-compliance previously reported to DWER?			
<input checked="" type="checkbox"/> Yes, and			
<input type="checkbox"/> Reported to DWER verbally		Date: / /	

Department of Water and Environmental Regulation

Section E – Details of non-compliance with licence condition☒ Reported to DWER in writing

Date: 31 /10 /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:	Condition 15	Date(s) of non-compliance:	01-01-2024 – 31-12-2024
---------------	--------------	----------------------------	-------------------------

Details of non-compliance:

Several monitoring frequency requirements were non-compliant during the 2024 reporting period, including:

- Failure to collect one biannual WAD cyanide & major ions measurement across Songvang TSF4 monitoring bores.
- Failure to collect WAD cyanide reading in Songvang TSF4 decant in February 2024, with 15-day minimum separation period exceeded in June 2024 (10 days) and December 2024 (14 days).
- Failure to collect weekly dissolved arsenic readings of the Songvang TSF4 Decant on six occasions during the current reporting period, with a maximum of 14 days between samples noted.
- Failure to monitor SV 6-1 during Q1 2024, due to flooding of monitoring point reference. A supplementary quarterly sample was not collected during the current reporting period.

Further detail is provided in the 2024 AER.

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.

There was negligible environmental impact resulting from this non-compliance, as prior and subsequent monitoring results indicate no exceedance in parameter limits occurred, with high confidence that parameter limit breaches would not have occurred during the periods in which conditional monitoring did not occur.

The location of monitoring frequency non-compliance was spread throughout the Agnew prescribed premise boundary, with all licensed ambient groundwater and WAD cyanide monitoring locations displayed within L4611/1987/11.

Cause (or suspected cause) of non-compliance:

Non-compliance is largely attributable to staff turnover during the current reporting period, with licence requirements and obligations knowledge insufficient to ensure monitoring frequencies were met.

Many of the dissolved arsenic readings were missed due to lack of staff, processing plant shutdowns and inclement weather conditions blocking access to the Songvang TSF4.

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

AGMC are currently implementing a monitoring review tracker, to ensure weekly auditing of all monitoring events (as required by legal obligation and/or internal management plans). This will include monitoring events, lab preparation and transport, entry of field data into online database, and review of results against licence conditions and previous results.

Department of Water and Environmental Regulation

Section E – Details of non-compliance with licence condition			
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:	
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 28	Date(s) of non-compliance:	24 January, 1 April 2024
Details of non-compliance:			
<p>Two non-compliances were noted under Condition 28, pertaining to the timeframe stipulations of Table 15, being:</p> <ul style="list-style-type: none"> • Failure to submit Ferrous Sulphate Dosing Plant Pilot Trial report by 1 December 2023 (report was submitted 24 January 2024). • Failure to complete aquatic macroinvertebrate sampling by 1 April 2024 (sampling completed 28 April 2024). 			
What was the actual (or suspected) environmental impact of the non-compliance?			
<p>NOTE – please attach maps or diagrams to provide insight into the precise location of where the non-compliance took place.</p>			
<p>There was no negligible environmental impact resulting from this non-compliance, as all specified actions under Condition 28 were assessed as compliant, following non-compliance with timeframe stipulations. DWER acceptance of non-compliance, stating no further action required, was received on 26 February (ferrous sulphate). DWER communication was sent 5 March 2024 pertaining to the aquatic macroinvertebrate sampling non-compliance, with the final report sent 23 December 2024, following submission of final report by specialist consultant.</p>			
Cause (or suspected cause) of non-compliance:			
Non-compliance is largely attributable to delays in infrastructure installation and coordination of specialist consultants/monitoring equipment.			
Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:			
As all specified action requirements under Condition 28, Table 5 are now complete, no remedial actions are proposed.			
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: 24/01/2024, 05/03/2024,	
Was this non-compliance previously reported to DWER?			
<input type="checkbox"/> Yes, and			

Department of Water and Environmental Regulation

<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	Date(s) of non-compliance:	27 December 2024
Details of non-compliance:			
On 27 th December 2024, at approximately 1500hrs, a tailings pipeline failure occurred at the manifold into the historic Redeemer TSF3 facility, due to back pressure during tailings line flushing works, being completed to unblock the pipeline upstream. Approximately 5,000 L of tailings slurry, largely composed of process water, discharged outside of the pipeline bunding, with approximately 2,000 L discharged into native vegetation within the prescribed premise boundary (M36/55).			
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.			
There was minimal environmental impact from the tailings discharge. Due to the immediate commencement of remedial actions, no long-term impact is expected, with no vegetative death noted. The material was largely process water, due to the pipeline flushing works being completed. See below for location and incident images.			

Department of Water and Environmental Regulation

Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:	
<p>The TSF pipeline discharge valves were immediately closed upon incident occurrence. Immediate notification of non-compliance completed by Environmental Department to DWER (28/12/2024)</p> <p>All tailings material tested and confirmed to be Ph – 9.4, WAD cyanide 29.37 mg/L. Subsequent sampling and correspondence was provided to DWER on 17 January 2025, confirming a Surface Disturbance Permit had been approved to guide remediation works and surface stripping of contaminated materials, which were deposited into the Redeemer TSF3 facility for containment by 11/01/2025.</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: 28/12/2024, 17/01/2025,

Department of Water and Environmental Regulation

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 :			
Name: (printed)			
Position:			
Date:	28/02/2024	Date:	28/02/2024
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.