

Annual Audit Compliance Report form

Environmental Protection Act 1986, Part V

Section A – Licence Details

Licence Number:	L4459/1987/13	Licence File Number:	DER2013/000649-1
Licence Holder:	Argyle Diamonds Limited		
Trading as:	Argyle Diamonds		
ACN:	009 102 621		
Registered address:	Level 8, 1 William Street, PERTH WA 6000		
Reporting period:	1 January 2020 to 31 December 2020		

Section B – Statement of compliance with licence conditions

Did you comply with all of your licence conditions during the reporting period?

Yes ☐ Please complete **Sections C, D** (if required) and sign the declaration in **Section E**

No ☒ Please complete **Sections C, D** (if required), **F** and sign the declaration in **Section E**

Section C – Statement of actual production

Provide the actual production quantity for this reporting period.*

Category	Premises description	Actual production quantity (2020)
5	Processing or beneficiation of metallic or non-metallic ore	5,773,313 tonnes
39	Chemical or oil recycling (offsite)	72 tonnes
52	Electric power generation	39,397 MWh
54	Sewage facility	5.11 cubic meters per day
57	Used tyre storage (general)	129 tyres
63	Class I inert landfill site	1.5 tonnes
64	Class II putrescible landfill site	1,407 tonnes
73	Bulk storage of chemical	541,425 Litres

*Supporting information provided in the relevant conditions of the 2020 Annual Environment Report

Section D – Statement of actual Part 2 waste discharge quantity

Provide the actual Part 2 waste discharge quantity for this reporting period.*

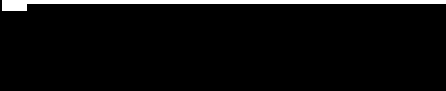
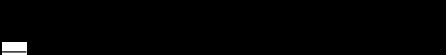
Category	Premises description	Actual Part 2 Waste Discharge Quantity (2020)
6	Mine dewatering	2,283,045 T

*Supporting information provided in the relevant conditions of the 2020 Annual Environment Report

Section E – Declaration

I 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 consent to the Annual Audit Compliance Report being published on the Department of Water and Environmental Regulation's (DWER) website.

Signature²:	
Name: (printed)	
Position:	Manager – Health, Safety and Environment – Argyle Diamond Mine
Date:	29/03/2021

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

Section F – 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 number:	20	Date(s) of non-compliance:	7/10/2020
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Details of non-compliance:

Hydraulic line failure at the heat exchange unit of the secondary crushing facility resulting in discharge of hydraulic oil to the surrounding environment.

What was the actual (or suspected) environmental impact of the non-compliance?

There was no evidence of adverse environmental impact associated with the discharge of hydraulic oil. Product release within localized area in the Designated Area mine disturbance footprint. Minimal impacts to local area soil and drain were limited in extent and contained. Water was sampled from the drain and soil samples were obtained.

Cause (or suspected cause) of non-compliance:

Hydraulic hose wore due to vibration and pressure over time. This resulted in a failure of the hydraulic hose and a discharge of hydraulic oil to the surrounding environment.

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

Discharge was contained with absorbent materials and temporary bunds.

Neat product was skimmed for disposal at the onsite oily waste facility.

Water samples were collected at two locations in the drain downstream of the source and returned results for TRH <15mg/L, the drain was mostly dry and water (from the heat exchanger cooling system) travelled a limited distance. Oil absorbent booms were arranged to capture any oil residue in the drain.

Removal of contaminated soil from the land ceased, with some impacted soil left in-situ due to unsafe access and potential impact to the integrity of infrastructure (power line) in the area.

Soil samples from below the impacted area were collected and sent for analysis. Results were elevated in comparison with NEPM Public Open Space and Commercial Industrial land use guidelines for TPH fractions F3 and F4.

Two groundwater bores (GW11/20 and GW16/20) are present down gradient of the spill location and are included in the closure contaminated sites sampling programme; the water quality from these bores will be monitored to determine potential impacts.

Operation of the mine is ceased in November 2020. The closure demolition and earthworks programme will remove contaminated soils once access and safety considerations improve.

On 23 November 2020, ADM received notification from DWER that the department had reviewed the information provided in the S72 report including incident description, environmental impact and remedial actions and that the information provided has been assessed and recorded for intelligence purposes and may be used in future compliance activities.

Was this non-compliance reported to the DWER?

<input checked="" type="checkbox"/> Yes:		<input type="checkbox"/> No
<input type="checkbox"/> Reported to DWER verbally	Date: 08/10/2020	
<input checked="" type="checkbox"/> Reported to DWER in writing	Date: 28/10/2020	

Section F – 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 number:	41	Date(s) of non-compliance:	March 2020 & September 2020
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Details of non-compliance:

Water sample from AK1 TSF underdrains 1, 2, 3 and 4 (UD Tank) not collected in March or September.

What was the actual (or suspected) environmental impact of the non-compliance?

There was no evidence of adverse environmental impact associated with the missed sample. Discharge from the TSF underdrains is collected within a tank and distributed via pipeline to reclaim pond 2B; the water is not directly discharged to the environment.

Cause (or suspected cause) of non-compliance:

TSF underdrain tank was unable to be sampled during these months, as the tank was dry and the sample point inaccessible.

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

There were no adverse effects associated with the non-compliance requiring mitigation. In any case, the following actions have been taken to prevent recurrence:

- Alternate sample point identified.
- Sampling schedule reviewed.

Was this non-compliance reported to the DWER?

<input type="checkbox"/> Yes: <input type="checkbox"/> Reported to DWER verbally Date: <input type="checkbox"/> Reported to DWER in writing Date:	<input checked="" type="checkbox"/> No
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Section F – 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 number:	48	Date(s) of non-compliance:	October 2020
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Details of non-compliance:

October quarterly samples were missed for Bore 53 and Village Fly Camp WWTP (WWTP2).

What was the actual (or suspected) environmental impact of the non-compliance?

There was no evidence of adverse environmental impact associated with missed samples.

Cause (or suspected cause) of non-compliance:

Missed sample within schedule.

Use of the Village Fly Camp WWTP & Irrigation Area decreased significantly in 2020 due to the decommissioning of the Fly Camp.

The Wandarrrie village has not been occupied since 2015, and hence the associated WWTP has not been in use.

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

There were no adverse effects associated with the non-compliance requiring mitigation.

The Wandarrrie village was decommissioned in 2015, and ongoing monitoring has been occurring as per the licence at the WWTP (Bore 53) since this time despite not being in use, hence no environmental impact is expected.

Wastewater discharge from the Village Fly Camp WWTP and spray field decreased significantly following August 2020, due reduced employee numbers; hence no environmental impact is expected.

In any case, the following actions have been taken to prevent recurrence:

- Sampling schedule reviewed.
- Bore 53 and WWTP2 sampled in November and December respectively.

Was this non-compliance reported to the DWER?

☐ Yes:

☐ Reported to DWER verbally Date:

☐ Reported to DWER in writing Date:

☒ **No**

Section F – 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 number:	41	Date(s) of non-compliance:	September and December 2020
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Details of non-compliance:

Total Petroleum Hydrocarbon analysis missed in September and December 2020 samples for Reclaimed Pond 2B (RCP2B) and Waste Rock Seepage Retention Dam (LCDM).

What was the actual (or suspected) environmental impact of the non-compliance?

There was no evidence of adverse environmental impact associated with missed samples.

Cause (or suspected cause) of non-compliance:

Scheduling error. The wrong analytical suite was collected for the September and December analysis.

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

There were no adverse effects associated with the non-compliance requiring mitigation. No discharge of water occurred from RCP2B or LCDM between September and December 2020.

Additional samples for TPH will be collected in Q1 2020.

In any case, the following actions have been taken to prevent recurrence:

- Sampling schedule reviewed.
- Alerts for missed samples to be built into data management system.

Was this non-compliance reported to the DWER?

☐ Yes:

☐ Reported to DWER verbally Date:

☐ Reported to DWER in writing Date:

☒ **No**