

KALGOORLIE CONSOLIDATED GOLD MINES PTY LTD



ANNUAL AUDIT COMPLIANCE REPORT

Fimiston Operations – L6420/1988/14

Gidji Processing Plant – L5946/1988/13

1 JANUARY TO 31 DECEMBER 2019

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ATTACHMENTS

Attachment A: Supporting Documentation, Fimiston Operations – L6420/1988/14

Attachment B: Supporting Documentation, Gidji Processing Plant – L5946/1988/13

1. INTRODUCTION AND PURPOSE

Kalgoorlie Consolidated Gold Mines Pty Ltd (KCGM) operates the Fimiston Open Pit, Mt Charlotte Underground Mine and the Fimiston and Gidji Processing Plants on behalf of joint venture owners; Saracen Mineral Holdings Limited (Saracen; 50%) and Northern Star Resources Ltd (Northern Star; 50%).

The Fimiston Operations and Mt Charlotte Underground Mine are located adjacent to the City of Kalgoorlie-Boulder approximately 600 km east of Perth, Western Australia, whilst the Gidji Processing Plant is located approximately 17 km north of Kalgoorlie-Boulder.

The Fimiston Operations and Gidji Processing Plant are prescribed premises under Schedule 1 of the *Environmental Protection Act 1986* (EP Act) and operate under the following two licences granted under Part V of the EP Act:

- L6420/1988/14 (Fimiston Operations); and
- L5946/1988/13 (Gidji Processing Plant).

In accordance with conditions 4.1.3 and 4.2.1 of L6420/1988/14 and conditions 4.1.2 and 4.2.1 of L5946/1988/13, an Annual Audit Compliance Report (AACR) must be submitted to the CEO of the Department of Water and Environmental Regulation (DWER) by March 31 of each year. KCGM submits the AACR to the DWER as part of the Annual Environment Report.

This AACR has been prepared for both the Fimiston Operations and the Gidji Processing Plant in accordance with the Guideline (August 2016) and formatted to align with the AACR Form (September 2017) downloaded from www.der.wa.gov.au/aacr.

This AACR covers the period from 1 January to 31 December 2019.

2. ANNUAL AUDIT COMPLIANCE REPORT FORM

2.1 Fimiston Operations – L6420/1988/14

2.1.1 Licence Details			
Licence number:	L6420/1988/14	Licence file number:	2015/002506
Licence holder:	Kalgoorlie Consolidated Gold Mines Pty Ltd		
Trading as:	Kalgoorlie Consolidated Gold Mines Pty Ltd		
ACN:	97 009 377 619		
Registered address:	Black Street, Kalgoorlie WA 6430		
Reporting period:	1 January 2019 to 31 December 2019		

2.1.2 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 checked="" 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 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.

2.1.3 Statement of Actual Production	
Provide the actual production quantity for this reporting period. <i>Supporting documentation is provided in Attachment A.</i>	
Prescribed Premises Category	Actual Production Quantity
5 – Processing or beneficiation of metallic or non-metallic ore	12,461,672 tonnes
54 – Sewerage facility	9.90 m ³ /day
63 – Class 1 inert landfill site	1,453.10 tonnes

2.1.4 Statement of Actual Part 2 Waste Discharge Quantity

Provide the actual Part 2 waste discharge quantity for this reporting period.
Supporting documentation is provided in Attachment A.

Prescribed Premises Category	Actual Part 2 Waste Discharge Quantity
5 – Processing or beneficiation of metallic or non-metallic ore	12,155,387 tonnes

2.1.5 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.

No non-compliances occurred during the reporting period.

2.1.6 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)	Kous Kirsten	Name: (printed)	
Position:	General Manager	Position:	
Date:	26/2/20	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.

2.2 Gidji Processing Plant – L5946/1988/13

2.2.1 Licence Details			
Licence number:	L5946/1988/13	Licence file number:	2011/005899
Licence holder:	Kalgoorlie Consolidated Gold Mines Pty Ltd		
Trading as:	Kalgoorlie Consolidated Gold Mines Pty Ltd		
ACN:	97 009 377 619		
Registered address:	Black Street, Kalgoorlie WA 6430		
Reporting period:	1 January 2019 to 31 December 2019		

2.2.2 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 checked="" 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 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.

2.2.3 Statement of Actual Production	
Provide the actual production quantity for this reporting period. <i>Supporting documentation is provided in Attachment B.</i>	
Prescribed Premises Category	Actual Production Quantity
5 – Processing or beneficiation of metallic or non-metallic ore	295,370 tonnes

2.2.4 Statement of Actual Part 2 Waste Discharge Quantity

Provide the actual Part 2 waste discharge quantity for this reporting period.
Supporting documentation is provided in Attachment B.

Prescribed Premises Category	Actual Part 2 Waste Discharge Quantity
5 – Processing or beneficiation of metallic or non-metallic ore	295,370 tonnes

2.2.5 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.

No non-compliances occurred during the reporting period.

2.2.6 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)	Kous Kirsten	Name: (printed)	
Position:	General Manager	Position:	
Date:	26/2/20	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.

ATTACHMENT A

Supporting Documentation Fimiston Operations – L6420/1988/14

CATEGORY 5 – Processing or beneficiation of metallic or non-metallic ore

The annual production quantity for Category 5 is determined by the tonnes of ore processed through the Fimiston Processing Plant. A monthly summary for 2019 is provided in Table 1.

Table 1: Fimiston Processing Plant Throughput 2019

MONTH	ORE PROCESSED (TONNES)
Jan 2019	1,125,316
Feb 2019	866,922
Mar 2019	1,056,070
Apr 2019	1,150,076
May 2019	949,027
Jun 2019	1,147,079
Jul 2019	840,965
Aug 2019	1,102,997
Sep 2019	1,134,237
Oct 2019	990,789
Nov 2019	1,051,069
Dec 2019	1,047,125
TOTAL	12,461,672

CATEGORY 54 – Sewerage facility

The daily throughput for Category 54 is determined via flow volumes obtained via a flow meter installed on the discharge line of the Fimiston Waste Water Treatment Facility. Based on a flow volume of 3617 m³ over the period from 01 January 2019 to 31 December 2019 (365 days), an average daily throughput of 9.90 m³ was estimated.

CATEGORY 63 – Class 1 inert landfill site

The annual production quantity for Category 63 is determined via Inert Waste Disposal Tracking Forms which KCGM use to track the volume of inert waste being disposed of to the Inert Waste Landfill. A monthly summary for 2019 is provided in Table 2.

Table 2: Inert Waste Disposal 2019

MONTH	INERT WASTE DISPOSED TO LANDFILL (TONNES)
Jan 2019	150.96
Feb 2019	54.06
Mar 2019	85.68
Apr 2019	51.00
May 2019	153.74
Jun 2019	31.62
Jul 2019	33.42
Aug 2019	602.02
Sep 2019	54.06
Oct 2019	83.64
Nov 2019	73.44
Dec 2019	79.460
TOTAL	1,453.10

Supporting Data for Section D – Statement of Actual Part 2 Waste Discharge Quantity

The annual production quantity of Part 2 Waste Discharge for Category 5 (Tailings) is determined by the tonnes of tailings (dry tailings) discharged from the Fimiston Processing Plant into the Fimiston I , Fimiston II and Kaltails TSFs. A monthly summary for 2019 is provided in Table 3.

Table 3: Fimiston Tailings Discharge 2019

MONTH	TAILINGS DISCHARGE (DRY TONNES)
Jan 2019	1,096,234
Feb 2019	843,986
Mar 2019	1,028,880
Apr 2019	1,123,262
May 2019	927,322
Jun 2019	1,121,640
Jul 2019	820,631
Aug 2019	1,075,576
Sep 2019	1,108,507
Oct 2019	964,795
Nov 2019	1,022,247
Dec 2019	1,022,307
TOTAL	12,155,387

ATTACHMENT B

Supporting Documentation Gidji Processing Plant – L5946/1988/13

Supporting Data for Section C – Statement of Actual Production

CATEGORY 5 – Processing or beneficiation of metallic or non-metallic ore

The annual production quantity for Category 5 is determined by the tonnes of ore concentrate processed through the Gidji Processing Plant. A monthly summary for 2019 is provided in Table 4.

Table 4: Gidji Processing Plant Throughput 2019

MONTH	ORE CONCENTRATE PROCESSED (TONNES)
Jan 2019	29,182
Feb 2019	22,040
Mar 2019	25,252
Apr 2019	25,851
May 2019	21,033
Jun 2019	25,625
Jul 2019	20,689
Aug 2019	28,351
Sep 2019	23,581
Oct 2019	25,048
Nov 2019	25,661
Dec 2019	23,057
TOTAL	295,370

Supporting Data for Section D – Statement of Actual Part 2 Waste Discharge Quantity

The annual production quantity of Part 2 Waste Discharge for Category 5 (Tailings) is determined by the tonnes of tailings (dry tailings) discharged from the Gidji Processing Plant into the Gidji II TSF. A monthly summary for 2019 is provided in Table 5.

Table 5: Gidji Tailings Discharge 2019

MONTH	TAILINGS DISCHARGE (DRY TONNES)
Jan 2019	29,182
Feb 2019	22,040
Mar 2019	25,252
Apr 2019	25,851
May 2019	21,033
Jun 2019	25,625
Jul 2019	20,689
Aug 2019	28,351
Sep 2019	23,581
Oct 2019	25,048
Nov 2019	25,661
Dec 2019	23,057
TOTAL	295,370