



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:	L8549/2011/1	Licence file number:	2011/003653
Licence holder:	Kimberley Metals Group Pty Ltd		
Trading as:	Kimberley Metals Group Pty Ltd		
ACN:	114 123 572		
Registered address:	38 Station Street, Subiaco WA 6008		
Reporting period:	01 / 07 / 2020 to 30 / 06 / 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 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	License approved production is 2,500,000 tonnes per annum

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

Section D – Statement of Actual Part 2 Waste Discharge Quantity	
64: Class II Putrescible landfill	During the reporting period, approximately 39,250 tonnes of waste was disposed, of this volume 6,638 tonnes of putrescible waste was buried within the landfill trench. The Ridges mine site was placed into C&M in February 2015, recommenced in August 2019, and returned to C&M in March 2020, and restarted on 1 July 2020. DWER License approved design is 125 tonnes per year.

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:	3.2.1	Date(s) of non-compliance:	28 December 2020
Details of non-compliance:			
Initial notification sent to DWER on 29 December 2020			
Follow up notification was sent to info@dwer.wa.gov on 17/02/2021 at 9:54am			
Discharge of iron sediment laden surface water into the receiving environment			
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.			
Discharge of iron sediment laden surface water being discharged into the surrounding environment. Note attached map showing path of discharge (creek lines).			
Incident details (as reported by the Ridges mine site General Manager) as follows;			
<u>Date & Time:</u> 27 December 2020 between 17:00 hr and 20:00 hr			
<u>Location:</u> Tony East pit scarp above the Vine Thicket Community			
<u>Description:</u> A localised storm cell moved over the project area delivering approximately 80mm of rainfall in 3 hours. Surface water run off accumulated from the natural hillside above the pit access ramp leading into Tony Pit. Water and sediment influx into the pit via the ramp was initially contained by a 1.5m high bund along the outer edge of the scarp wall. A pond developed that approached a depth of approximately 800mm. The windrow was then breached, and subsequent funneling scoured the bund to a level beneath the pit floor. As a result, there was a loss of containment and significant volume of turbid water and sediments discharged outside the pit footprint and over the cliff face above the Vine Thicket Community (VTC).			
The bund left in place along the pit edge is approximately 1.5m high and has a base width around 3m. It comprises in-situ material with a mixture of oxide and fractured rock from blasting. The resulting windrow burst (scouring) is nearly 5m wide. Rock armouring had been applied to an area of the bund slightly north of the breach event. This area withstood the inundation. Additional rock armouring was not placed in front of the breached zone because the bund was thought to be reasonably substantial in size and comprising rock mass.			

Section E – Details of Non-Compliance with Licence Condition

Outcome: At this stage it is hard to establish the actual extent and consequence of the incident. A drone was flown to capture footage of the sediment or turbid water discharge into the VTC as well as determine upstream inputs from either the stream running adjacent to the pit access ramp, or a more considerable creek line removed from the pit. The wash over the cliff face was traceable from the breached bund and it is not clear from imagery if there were massive sediment deposits carried into the VTC. Downstream photos clearly show darker coloured turbid water. Turbidity appeared lighter in the two upstream creek lines at the time of the drone survey. When I witnessed the flow from these creeks at 04:30 hours on 28th December, turbidity was consistent with the downstream pools. This has made it difficult for me to distinguish contributions from site activity to the VTC.

Actions: Immediate actions to mitigate a further occurrence will be implemented promptly. This will include repairing the bund wall with nearby in-situ material of similar matrix. The entire bund section will then be rock armoured inside the pit to a minimum of 500mm thickness. Temporary sumps will be considered to collect surface water runoff down the pit ramp alignment and also, to direct water away from the pit edge at the lowest levels. Further dewatering aspects can be examined but this will need assessment following a more detailed investigation and the completion of final pit designs currently being progressed.

The detailed report of the incident is provided in the AER.

Cause (or suspected cause) of non-compliance:

Due to inclement weather the sediment trap earthen bunding was breached

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

Upon abatement of the inclement weather the bund was repaired, and additional rock armouring was used to strengthen the earthen walls.

Was this non-compliance previously reported to DWER?

No

Reported to DWER verbally

Date: / /

Reported to DWER in writing

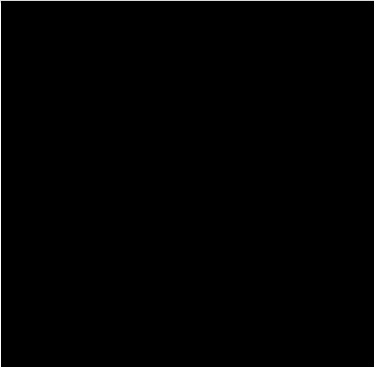
Date: 29 / 12/ 2020

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

Department of Water and Environmental Regulation

Water and Environmental Regulation's (DWER) website.			
Signature ² :		Signature:	
Name: (printed)		Name: (printed)	
Position:		Position:	
Date:		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.