



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:	L9010/2016/1	Licence file number:	2016/002022
Licence holder name:	Mt Morgan WA Mining Pty Ltd		
Trading as:	Mt Morgan WA Mining Pty Ltd		
ACN:	612 053 291		
Registered business address:	Level 2, 1 Preston Street Como, WA 6152		
Reporting period:	10 / 02 / 19 to 09 / 02 / 20		

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); andsign 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; andsign 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: (a) metallic or non-metallic ore is crushed, ground, milled or otherwise processed; Approved production capacity is 2.5 million tonnes per annual period.	2,913,878 tonnes of ore was processed during this reporting period, exceeding the 2.5Mtpa licence capacity. An N1 notification was provided to DWER.

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
5- Processing or beneficiation of metallic or non metallic ore: (c) tailings or residue from metallic or non-metallic ore are discharged into a containment cell or dam.	5,638,657 wet tonnes of tailing were deposited during this reporting period. Tailings typically have a 45-50% solids density.
6- Mine dewatering: premises on which 50,000 tonnes or water is extracted and discharged into more per year the environment to allow mining of ore. Approved production capacity is 1.2 million tonnes per annum.	790,594 kL of groundwater has been extracted during this reporting period and discharged into various mine pits or used for dust suppression and general usage. This does not include extraction from the production bore field for processing.
54- Sewage facility: premises- More than 100m ³ / day (a) on which sewage is treated (excluding septic tanks); or (b) from which treated sewage is discharged onto land or into waters. Approved production capacity is 100kL per day	A total of 24,059 kL of treated effluent has been discharged to the WWTP sprayfield within this reporting period, this amounts to an average of 65.92 kL per day, below the licence limit of 100 kL/day.
64- Class II or Class III putrescible landfill – 20 tonnes or more. Premises on which waste (as determined by reference to the waste type set out in the document entitled “Landfill Waste Classification and Waste Definitions 1996” published by the Chief Executive Officer and as amended from time to time) is accepted for burial Approved production capacity is 4,500 tonnes per year	3,123 cubic meters of waste has been disposed in the Westralia landfill during this reporting period, calculating to approximately 936 tonnes of waste. 1,315 cubic meters of waste has been disposed in the Jupiter landfill during this reporting period, calculating to approximately 394 tonnes of waste.

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.

Section E – Details of non-compliance with licence condition

Condition no:	3.5.4	Date(s) of non-compliance:	7 June 2019
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Details of non-compliance:

The Mt Margaret Community dust monitoring station (Exactus BAM) has a licence limit of 50 µg/m³ for particulate matter that is either 10 micrometers or less (PM₁₀). Over the 24 hour sampling period, on 7 June 2019, a reading of 55.38 µg/cm³ was recorded. The exceedance coincided with high winds coming from the north-northwest, which cannot be attributed to the MMGP, which is located southeast of the dust monitoring station.

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.

Temporary elevated dust levels may have been experienced in the region, including the Mt Margaret Community, as a result of high winds. The exceedance of the PM₁₀ limit at the Exactus BAM dust monitoring station is unlikely to have been a result of Mt Morgans, due to the wind direction being from the north-northwest. The location of the dust monitoring station in relation to the project and the Mt Margaret Community is shown in the image below.

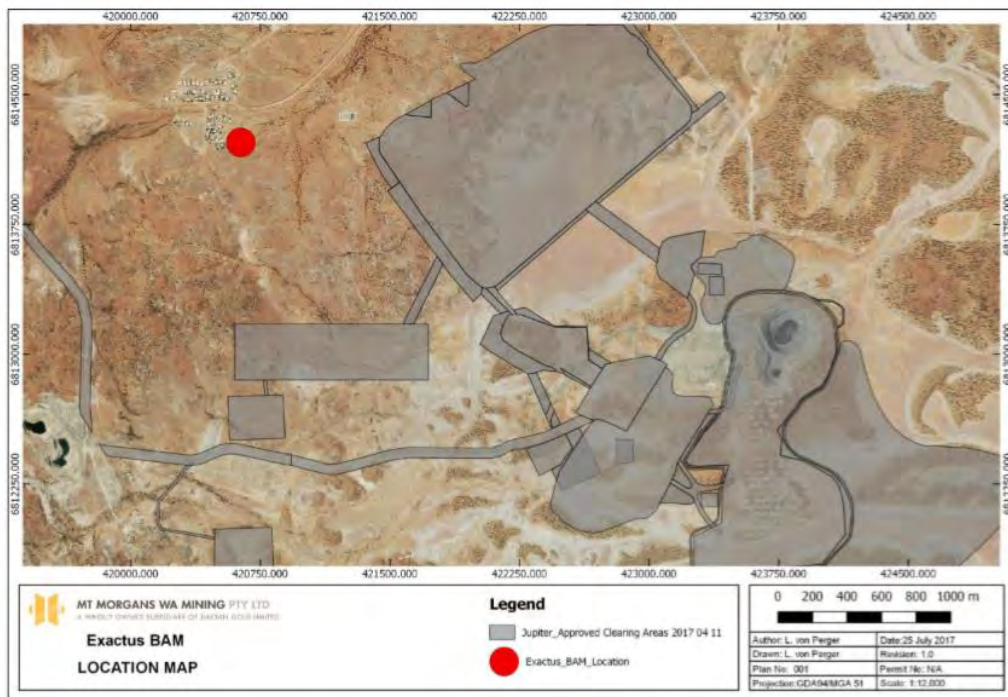


Figure 1: Exactus BAM Location Map

Cause (or suspected cause) of non-compliance:

Significant winds occurred in the region from midday on the 7th June and impacted the MMGP as well as Laverton town, which recorded winds of 63km/h during the day. . The cause of the exceedance cannot be attributed to the Mt Morgan operations due to the wind direction being from the north-northwest.

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

Section E – Details of non-compliance with licence condition	
Continual monitoring of dust, water carts on road, dust suppression sprays in processing.	
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: 8/ 07 /19

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:	2.2.1	Date(s) of non-compliance:	Identified 18 Feb 2020
Details of non-compliance:			
Table 2.2.1 of site licence L9010/2016/1 states the village WWTP will discharge to a 3.6 ha sprayfield. It was identified by DWER licencing officers from satellite imagery that the sprayfield is actually 2.6 ha.			
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.			
The reduced size in the sprayfield has the potential to impact the capacity for soils to effectively uptake organic matter and nutrients associated with effluent discharge. To determine if licence limits applied to Biological Oxygen Demand (BOD), Nitrogen (N) and Phosphorus (P) were exceeded, the sprayfield quality database was amended to reflect the 2.6 ha sprayfield. The results show that discharge was still compliant with the limits listed below, from table 2.2.2 of the licence:			
<ul style="list-style-type: none"> • BOD: 30 kg/ha – (2018 average 2.04 kg/ha, 2019 average 2.39 kg/ha) • Total N: 480 kg/ha/yr (2018 discharge - 455.76 kg/ha, 2019 discharge - 355.61 kg/ha) • Total P: 120 kg/ha/yr (2018 discharge – 86.97 kg/ha, 2019 discharge 43.06 kg/ha) 			
Cause (or suspected cause) of non-compliance:			
Incorrect sizing of sprayfield.			
Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:			
Increase the sprayfield to 3.6 ha in accordance with table 2.2.1 of L9010/2016/1			
Was this non-compliance previously reported to DWER?			
<input checked="" type="checkbox"/> Yes, and			
<input checked="" type="checkbox"/> Reported to DWER verbally		Date: 18 /02 /2020 – Identified during DWER audit	
<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:	Schedule 1 table	Date(s) of non-compliance:	10 Feb 2020
Details of non-compliance:			
The Mt Morgans Processing facility currently has an approved premise production capacity of 2.5Mtpa. During this reporting period, 2.9 Million tonnes of ore was processed through the facility.			
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 impacts have resulted from the exceedance in annual throughput. A report provided to DWER by CMW Geosciences (PER2020-0002AC_Rev 0) on the 26 th March 2020 stated the increased throughput would have no impacts to the operation of the Tailings Storage Facility, confirming the TSF design is sufficient to receive tailings at 3.5Mtpa.			
Cause (or suspected cause) of non-compliance:			
Mt Morgans management incorrectly assumed that the annual period for tracking of ore throughput was the financial year period, by which point we were expecting the 3.5Mtpa approval and prepared to slow production down later in the financial year if required. A licence amendment was submitted in April 2019 to increase production to 3.5Mtpa, regardless of this, it was acknowledged that the increase production must remain below 2.5Mtpa until the licence amendment is approved.			
Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:			
<ul style="list-style-type: none"> • Processing department informed of actual reporting period. • Application pending to increase throughput to 3.5Mtpa. 			
Was this non-compliance previously reported to DWER?			
<input checked="" type="checkbox"/> Yes, and			
<input checked="" type="checkbox"/> Reported to DWER verbally		Date: 04 / 03 / 20	
<input checked="" type="checkbox"/> Reported to DWER in writing		Date: 04 / 03 / 20	

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 Water and Environmental Regulation's (DWER) website.

Signature ² :		Signature:	
Name: (printed)		Name: (printed)	
Position:	Senior Environmental Advisor	Position:	General Manager
Date:	10/04/2020	Date:	10/04/2020
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.