



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:	L5529/1988/12	Licence file number:	2013/003855
Licence holder:	Mt Magnet Gold Pty Ltd		
Trading as:			
ACN:	008 669 556		
Registered address:	Level 1, 130 Royal Street, East Perth, WA 6004		
Reporting period:	<u>1</u> / <u>7</u> / <u>17</u> to <u>30</u> / <u>6</u> / <u>18</u>		

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
Category 5 – Processing or beneficiation of metallic or non-metallic ore	1,994,886 dry tonnes throughput
Category 6 – Mine dewatering	221,884 kL dewatered (inclusive of tailings recovery bores. No discharge to the environment)
Category 64 – Class II putrescible landfill site	~2,387 tonnes of waste to landfill

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.

Section D – Statement of Actual Part 2 Waste Discharge Quantity	
Prescribed Premises Category	Actual Part 2 Waste Discharge Quantity
Category 5 – Processing or beneficiation of metallic or non-metallic ore	2,745,560m ³ of tailings slurry to CTSF3

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:	1.3.9	Date(s) of non-compliance:	2017-2018 reporting period
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Details of non-compliance:

A review of pipeline inspections identified not all active dewatering pipelines are being inspected daily and formally recorded.

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.

A leak in dewatering pipelines could discharge water (from other areas) to the environment. This may have the potential to impact the immediate area around the pipe line, however no environmental impacts have been observed.

There are a number of ways that pipeline faults are identified without formal daily inspections. Pipeline leaks and defects were and continue to be identified by personnel through the formal hazard identification and management processes, with work requests raised for repairs or maintenance that is required. Bores, pumps and pipelines that are associated with dewatering around the active TSF3 and water draw points (Ruby Queen, Brown Hill, Bore 11A and Spearment pits) for the processing plant are monitored on a formal inspection sheet which is undertaken at a minimum of 3 times every 12 hrs.

Cause (or suspected cause) of non-compliance:

There was no responsibility allocated to the maintenance and mining areas to undertake formal dewatering inspections. This was a systems failure which has now been addressed.

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

Responsibility to ensure dewatering inspection are undertaken has been communicated to the responsible department Manager/s.

The requirement to formalise (record) dewatering inspections has been communicated.

Dewatering infrastructure in the mining area – inspected by Mining Dept and records are held by Mining.

Dewatering infrastructure maintenance area - inspected by Maintenance Dept and records are held by Maintenance.

Maintenance dewatering inspections are now documented through MMG preventative maintenance (PM) pipelines and associated infrastructure and borefields.

In addition to the above the electrical department also inspect pipelines and infrastructure whilst undertaking regulatory electrical inspections generated through MMG's PM system.

Was this non-compliance previously reported to DWER?

Yes, and

Section E – Details of Non-Compliance with Licence Condition	
<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:	3.1.1	Date(s) of non-compliance:	2017-2018 reporting period
Details of non-compliance:			
Quarterly monitoring of Franks Tower (inactive pit) water was not undertaken (please see pg 22 of 25 of L5529/1988/12 (IR-T08 Amendment Notice (Major) v2.0 July 2017))			
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 water from Franks tower is transferred to Ruby Queen pit and then to saltwater dam to Checker Mill. No water is discharged to the environmental, no impact has been observed.			
Cause (or suspected cause) of non-compliance:			
The water level in Franks Tower has been too low to safely access the inactive pit and collect water samples for analysis. Risk assessments regarding water sampling are undertaken and if the risk is deemed too high, the compliance sampling is unable to be carried out.			
Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:			
MMG is investigating alternative ways to safely undertake compliance sampling in inactive pits where there is no safe access to obtain water samples.			
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: / /		

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:	3.1.1	Date(s) of non-compliance:	2017-2018 reporting period
Details of non-compliance:			
Sampling for hydrocarbons (TRH) from annual analysis of discharge to Franks Tower and Ruby Queen inactive pits. (please see pg 22 of 25 of L5529/1988/12 (IR-T08 Amendment Notice (Major) v2.0 July 2017))			
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 water is discharged to the environment, the water flow it is a loop, recycling the water back to Checker Mill. No environmental impact has been observed.			
Cause (or suspected cause) of non-compliance:			
This was due to human error as the licence condition from the prior amendments of the previous year was not identified and updated in the monitoring program and the environmental field monitoring sheets.			
Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:			
During the annual review process MMG has updated the water monitoring schedule for annual water monitoring to occur earlier in the reporting period and therefore allowing for any additional sampling to be undertaken prior to the close of the reporting period. The environmental field sheets have also been updated.			
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: / /		


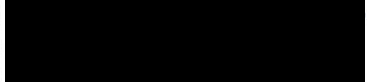
Section E – Details of Non-Compliance with Licence Condition			
Please use a separate page for each condition with which the licence holder was non-compliant at a time during the reporting period.			
Condition no:	3.4.1	Date(s) of non-compliance:	2018

Section E – Details of Non-Compliance with Licence Condition	
Details of non-compliance:	
Monitoring of T3MB7 unable to be completed in last quarter of period. (please see pg 17 of 25 of L5529/1988/12 (IRLB_TI672 v2.9))	
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.	
Environmental impact is considered to be minimal due to the nearby recovery (T3RB1) bore being sampled in its place and no change in water quality was observed.	
Cause (or suspected cause) of non-compliance:	
It is suspected that the monitoring bore had collapsed and or is blocked, could not get sampling equipment down the monitoring bore.	
Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:	
Sampling T3RB1 as this bore is the closest to T3MB8 (about 5m away). If there were any changes in water quality the changes should present in the recovery bore samples. No changes in water quality where observed. MMG is undertaking investigations into possible replacement of this bore in 2019 – 2020	
Was this non-compliance previously reported to DWER?	
<input type="checkbox"/> Yes, and	
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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:	3.4.1	Date(s) of non-compliance:	November 2017
Details of non-compliance:			

Section E – Details of Non-Compliance with Licence Condition					
<p>11 of 44 quarterly TSF groundwater samples were missed (T3MB01, T3MB02, T3MB04, T3MB05, T3MB06, T3MB07, T3MB09 and T3MB10) were not sampled in the compliance month. (please see pg 17 of 25 of L5529/1988/12 (IRLB_TI672 v2.9))</p>					
<p>What was the actual (or suspected) environmental impact of the non-compliance?</p> <p>NOTE – please attach maps or diagrams to provide insight into the precise location of where the non-compliance took place.</p> <p>The environmental impact is low due to the surrounding recovery bores T3RB01, T3RB02A, T3RB03, T3RB06 and T3RB07 substituted for sampling from the headworks. If there were any changes in water quality the changes should present in the recovery bore samples. No changes in water quality were observed to analysis the surrounding groundwater conditions.</p>					
<p>Cause (or suspected cause) of non-compliance:</p> <p>During compliance sampling for November 2017, the hired sample pump broke down half way through the sampling program. MMG was unable to get a replacement hire pump in enough time to complete the required sampling for November 2017.</p>					
<p>Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:</p> <p>Samples were obtained from the adjacent recovery production bores as they were the closest water sampling points to the monitoring bores. If there were any changes in water quality the changes should present in the recovery bore samples. No changes in water quality were observed.</p>					
<p>Was this non-compliance previously reported to DWER?</p> <p><input type="checkbox"/> Yes, and</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;"><input type="checkbox"/> Reported to DWER verbally</td> <td style="width: 50%;">Date: / /</td> </tr> <tr> <td><input type="checkbox"/> Reported to DWER in writing</td> <td>Date: / /</td> </tr> </table>		<input type="checkbox"/> Reported to DWER verbally	Date: / /	<input type="checkbox"/> Reported to DWER in writing	Date: / /
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Section F – Declaration

<p>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.</p> <p>I / We consent to the Annual Audit Compliance Report being published on the Department of Water and Environmental Regulation's (DWER) website.</p>			
Signature ² :		Signature:	
Name: (printed)	Elizabeth Jones	Name: (printed)	Peter Canny
Position:	General Manager	Position:	HSE Manager
Date:	27/09/18	Date:	27/09/18
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.