

Annual Audit Compliance Report Form

Environmental Protection Act 1986, Part V

Section A – Licence Details			
Licence number:	L8337/2009/2	Licence file number:	2012/006861
Licence holder:	Genesis Minerals (Leonora) Pty Ltd		
Trading as:	Genesis Minerals Limited		
ACN:	667 073 681		
Registered address:	Lvl 7, 40 The Esplanade, Perth, WA, 6000		
Reporting period:	1/09/2023 to 31/08/2024		

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
5. Processing or beneficiation of metallic or non-metallic ore	1,192,021.40 tonnes
6. Mine Dewatering	2,277,909 kL
52. Electric power generation: premises (other than premises within category 53 or an emergency or standby power generating plant) on which electrical power is generated using fuel.	16.21 MWh
73. Bulk storage of chemicals, etc	392.8 m ³ fixed bulk, <500 m ³ aggregate
89. Class II putrescible landfill site.	1,548 tonnes

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
Tailings Discharge	1,459,409 tonnes
Mine Dewatering	1,184,314 kL

Section E – Details of Non-Compliance with License 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	Date(s) of non-compliance:	09/05/2024
Details of non-compliance:			
<p>Licence condition 1 requires 'The Licence Holder must ensure that all pipelines containing tailings slurry, decant water, mine dewater or effluent are either:</p> <ol style="list-style-type: none"> equipped with telemetry systems or pressure sensors along pipelines to allow the detection of leaks and failures; equipped with automatic cut-outs in the event of pipe failure; or provided with secondary containment sufficient to contain any spill for a period equal to the time between routine inspections. <p>During an environmental inspection of the Mill and Crusher area on 9 May 2024, it was identified that several pipeline leak detection systems and alarms were installed, but not functioning sufficiently to meet the telemetry requirement. These included:</p> <ul style="list-style-type: none"> The Gwalia underground discharge pipeline to Tower Hill which was displaying a discharge rate 5x the abstraction rate (noting that one of the meters was accurate and was suitable for abstraction and dewatering volume measurement) Tailings discharge from processing plant to the TSF was displaying zero flow on the discharge meter (Noting that one meter was functioning for the purpose of metering discharge volumes). 			
What was the actual (or suspected) environmental impact of the non-compliance?			
<p>NOTE – please attach maps or diagrams to provide insight into the precise location of where the non-compliance took place.</p>			
<p>No impact was associated with the non-compliance as no leaks had occurred. The non-compliance technical. Although telemetry systems were not suitable, visual inspections of the pipelines are performed 12 hourly according to the license condition requirements, reducing the risk of uncontrolled pipeline failure</p>			

Cause (or suspected cause) of non-compliance:	
<p>The TSF discharge from process plant to the TSF was found to have not been registering since the change of discharge from TSF3 to TSF4. The switch required an external party to align the leak detection system, however this had not been communicated on completion of the works,</p> <p>The difference in abstraction and discharge readings on the Underground to Tower Hill pipeline were caused due to a fall gradient, creating the velocity which results in different rates displayed. Tolerances of the alarm system had been changed to account for this, but had rendered the telemetry system dysfunctional.</p>	
Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:	
<p>Audit of telemetry system and leak detection alarms undertaken, and work requests progressed to ensure the system is compliant. Procedures were updated and rolled out to processing team with a focus on leak detection importance to operational license.</p>	
Was this non-compliance previously reported to DWER?	
<input checked="" type="checkbox"/> No	
<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:	29	Date(s) of non-compliance:	31/03/2024
Details of non-compliance:			
Condition 29 prescribes that Genesis was required to submit a TSF Groundwater Management Plan (GWMP) (required by condition 3.4.3) no later than 31 March 2024. The GWMP was submitted after this date on 19 June 2024, and therefore the Licence condition was in non-compliance.			
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 impact.			
Cause (or suspected cause) of non-compliance:			
The license was amended and transferred to Genesis Minerals Limited on 21 December 2023, shortly before the GWMP due date. Genesis engaged an external hydrologist to draft the GWMP, which required additional time than the required target date of March 31 March 2024. The delay was communicated to DWER on 26 March 2024, advising a draft had been completed, but more time was required to provide a comprehensive and value adding plan.			
Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:			
GWMP was submitted to DWER on 19 June 2024			
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: 26/03/2024	

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	Date(s) of non-compliance:	01/12/2023
Details of non-compliance:			
Process water dam overflowed for approximately 30 mins (with 150m ³ feed rate) site drainage to the site drainage catch pond.			
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 impact – the overflow was contained within the surrounding site drainage pond (historic site borrow pit).			
See Appendix for images relating to overflow event.			
Cause (or suspected cause) of non-compliance:			
The detection warning system was not set up to alarm or prevent overflow, and the alarm had been disabled. No information was relayed during handover from dayshift to nightshift crew regarding additional resources feeding the PWD level.			
Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:			
Immediate actions involved re-enabling high level alarm that had been disabled, reiterating the importance of daily handovers and recording information, and ensuring that communication occurs if a change is made. Furthermore, the Citech telemetry system was updated to prevent the PWD level alarm from being turned off.			
Was this non-compliance previously reported to DWER?			
<input checked="" type="checkbox"/> No			
<input type="checkbox"/> Yes, and			
<input type="checkbox"/> Reported to DWER verbally		Date: / /	
<input type="checkbox"/> Reported to DWER in writing		Date:	

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:		Position:	
Date:	23/10/24	Date:	
Seal (if signing under seal):			

Appendix:

Figure 1: Location of process water dam overflow



Figure 2 and 3: Extent of overflow within site drainage pond



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.