

## 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:	1/09/2024 to 31/08/2025		

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"> <li>• section C;</li> <li>• section D if required; and</li> <li>• sign the declaration in Section F.</li> </ul>
<input checked="" type="checkbox"/> No – please complete: <ul style="list-style-type: none"> <li>• section C;</li> <li>• section D if required;</li> <li>• section E; and</li> <li>• sign the declaration at Section F.</li> </ul>

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	1,299,531.70 tonnes
6. Mine Dewatering	3,331,537 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.	15.58 MWh
73. Bulk storage of chemicals, etc	392.8 m <sup>3</sup> fixed bulk, <500 m <sup>3</sup> 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	2,269,047 tonnes
Mine Dewatering	2,277,070 kL

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	Date(s) of non-compliance:	21/02/2025
Details of non-compliance:			
On 21/02/2025, an extreme weather event resulted in a power outage across site, and consequently an outage of the leak detection system and the capacity to operate the system remotely. This resulted in the continuous operation of the Station Creek bores (brackish water), such that the processing pond overtopped and discharged water into the surrounding drain.			
What was the actual (or suspected) environmental impact of the non-compliance?			
<b>NOTE</b> – please attach maps or diagrams to provide insight into the precise location of where the non-compliance took place.			
N/A – the water was contained in the drain surrounding the process pond. No impact to environment was observed.			
Cause (or suspected cause) of non-compliance:			
A 'micro-burst' storm even caused a sitewide electricity and communications blackout, disabling remote Citect control and therefore losing the ability to remotely shut off bores. Due to the inclement weather, the site was evacuated, and it was deemed unsafe to isolate the pumps manually in field during the storm. There was understanding by the operational team that the overflow of the dam is designed for further safe containment of process water.			
Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:			
The blackout occurred at 1830, and at 2030 there was an unsuccessful attempt to isolate the bore pumps via Citect at mine control (only location with backup power). The extreme weather event resulted in unsafe access to the bores to enable physical isolate, however once the storm subsided bores 8 and 9 were switched off manually, and an investigation commenced to identify options to automatically turn off bores if leak detection systems experience an outage.			
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:	7	Date(s) of non-compliance:	08/07 – 20/07/2025
Details of non-compliance:			
Failure to formally record the Tailings Storage Facility routine inspections from 08-20 <sup>th</sup> July 2025 as specified in Table 2 of L8337/2009/2. (12 consecutive days).			
What was the actual (or suspected) environmental impact of the non-compliance?			
<b>NOTE</b> – please attach maps or diagrams to provide insight into the precise location of where the non-compliance took place.			
No impact			
Cause (or suspected cause) of non-compliance:			
<p>During 08-20<sup>th</sup> July 2025 (12 days), the formal TSF inspection templates were not completed and recorded.</p> <p>TSF inspections were still completed as per usual, but they were either recorded informally or not documented at all.</p> <p>Once the logbook reached capacity, the book was not replaced. This happened due to a combination of unclear communication and ownership.</p>			
Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:			
<p>Actions to create multiple TSF inspection logbooks were created and completed immediately. Following the incident, inspections were transitioned to being done online on Genesis' HSE operational safety system. An example of the online inspections can be found in Appendix B.</p> <p>Education and training were provided to the processing team.</p> <p>An audit was conducted by the environmental team on inspection record gaps and updates were made to daily inspections to ensure all pipelines were meeting the compliance criteria set out in condition 7 of L8336/2009/2.</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:
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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:	1, 2	Date(s) of non-compliance:	24/07/2025
Details of non-compliance:			
Weld failure on buried HDPE pipeline carrying tailings caused 100m <sup>3</sup> tailings to be discharged in the disturbed area between the rail and access road The leak was identified during an inspection, when there was slurry pooling across approximately 1000m <sup>2</sup> within the road and railway corridor.			
What was the actual (or suspected) environmental impact of the non-compliance?			
<b>NOTE</b> – please attach maps or diagrams to provide insight into the precise location of where the non-compliance took place.			
N/A – the slurry was discharged into pre-disturbed catchment areas in site. This is shown in Appendix C.			
Cause (or suspected cause) of non-compliance:			
<p>In the period preceding to the event (~36hrs) the thickener to tailings storage facility 3 East was experiencing some variations in line pressures and flows resulting from control automation constraints and manual operation.</p> <p>Thickener automation controls and setpoints were adjusted in the attempt to minimise the likelihood of a reoccurring high tailings line pressures and resultant discharge flow rate drops. Duty Tailings line (Line 1) pressures and flows were presenting concerns for operations and change over to Standby line (Line 2) was undertaken at 17:28 on Wednesday 23rd.</p> <p>Flushing of this line (Line 1) commenced the following day at 08:30am and concluded at 09:00am. The ongoing operation of standby line (Line 2) with a number of control automation constraints competing against each other adversely has resulted in the tailings line being overloaded and possibly causing a weld to fail underground near the railway line with slurry expressed to surface.</p>			
Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:			
<p>Decision was made to immediately change tailings discharge from standby (line 2) to duty (line 1) and isolate Line 2.</p> <p>There was a review of the pump operations, which lead to the addition of an interlock to prevent the starting of an additional pump whilst one pump was already operating at high speed. The discharge pressure set point was also reduced, and an audible alarm was added to notify operators of when a pump starts operating in pressure control mode.</p> <p>Approval from Arc infrastructure was sought to access the railway corridor to complete the excavation and recovery of the contaminated material.</p>			

The damage to the tailings line was also repaired, and the volume of the spill calculated from a survey flyover.	
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 particular<sup>1</sup>. I/We consent to the Annual Audit Compliance Report being published on the Department of Water and Environmental Regulation's (DWER) website.



Date:	30/10/25	Date:	
Seal (if signing under seal):			

<sup>1</sup> 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.

<sup>2</sup> 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.

**Appendix A: Extreme Weather Event Causing Overtopping of the Process Dam**

Date / Time:	21 <sup>st</sup> February – 835pm
Event Summary:	Significant weather event at Leonora, mostly impacting Gwalia mine site area. Very strong winds and rain have caused damage across the lease, including torn roofs and rolled sea containers. <b>No injuries have been reported at this time.</b>
Incident response team:	[REDACTED]
Powerhouse Status:	Offline. Tripped during event.
Mill Status:	Offline. Sentries have been left at the gold room for the NS.
UG Status:	Offline. UG evacuated due to no power. Mine control to be manned this evening as point of contact with mill sentries.
NPI Assessment:	Damage to ERT and HSE area (roof torn off), Swick Laydown area containers have rolled onto haul road, Trees down at Admin, potential power line damage to be assessed, Trees down at the lodge.
Activities completed in the last 12 hours:	NA
Activities planned in the next 12 hours:	NS mill and UG crews demobilised back to camp (which still has power). Hub, Ulysses, ABCDK crews at work as per normal.
Emerging Risks / points for escalation:	To early to assess
Actions:	NA
Next update point:	7am Saturday 22 <sup>nd</sup> 2025.

**Table 1:** Details of the micro-burst weather event experienced at Gwalia on 21/02/2025 as per communications by the site general manager.

**Appendix B: Example of Online TSF Inspections**



## Inspection

# INS7320 - Processing - TSF Shift Inspection 12/10/2025 15:29

**INS7320**

## Main

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### Date Reported

12/10/2025

### Inspection Type

Processing

### Processing Inspections

TSF Shift Inspection

### Select the Responsible Organisation

GMD - Genesis Minerals

### Event Date/Time

12/10/2025 14:50

### Workgroup

LEO-GWA-Processing-EMP-C Crew

### Reported By

### Primary Location

Gwalia

### Sub Location

Gwalia - Tailings Storage Facility

### Describe the Exact Location

TSF3

### Surface or Underground

Surface

### Inspection Summary

Good

### Team Members Engaged in Inspection

### Does this Inspection Require a Review?

No

### SCORE

Incomplete

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# INSPECTION

[Enviro] General Environmental

NO COMPLETIONS

[INS] TSF Shift Inspection

Shane SMALL: [INS] TSF Shift Inspection

## **Tailing Storage Facilities Shift Inspection**

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**Shift**

Day Shift

**Inspection Number**

Inspection 3

## **Operating TSF**

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**Operating TSF**

TSF3 East

**Upload photo looking at centre decant well (from top of east ramp)**



**Upload photo from south-east corner toward centre decant well**



Upload photo from south-west corner toward centre decant well



Upload photo from north-west corner toward centre decant well



Upload photo from north-east corner toward centre decant well



## Inspection Checklist

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Disposal line operating

2

Condition

Adequate

Discharging wall location

East

Number of spigots open

7

**Free of cracking / slumping / damage**

Yes

**Freeboard maintained below 300mm**

Yes

**Free of water pooling against wall**

Yes

**Decant pond size maintained within visual markers**

Yes

**Add attachments here**

N/A

**Comments**

Closed up 3 spigots still moving along east wall

## Daily Checks

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**All walls free of cracking / slumping / damage**

Yes

**Wildlife / Fauna sighted on TSF or around TSF**

No

**Recently observed Flora / bushland stressed**

No

**Unauthorised Traffic or Personnel**

No

**Central Decant Running**

Yes

**TSF3 Toe drain running**

No

**TSF4 Toe drain running**

No

**Toe drain discharge reporting to**

Decant

**Add attachments here**

N/A

**Comments**

N/A

## Actions

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**Actions**

N/A

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# INDICATORS

CHECKLIST COMPLETE

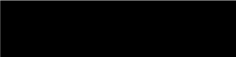
 Complete

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# USER INVOLVEMENTS

No Users

TO BE COMPLETED BY



# ACTIONS

No Actions

**Appendix C: Tailings Line 2 Slurry Discharge**



Figure 10: Map showing the 1000 m<sup>2</sup> extent of the tailings line 2 slurry discharge on M 37/25.