



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 10
Joondalup DC WA 6919

Section A – Licence Details			
Licence number:	L9036/2017/1	Licence file number:	DER2017/000279
Licence holder:	Pilgangoora Operations Pty Ltd		
Trading as:	Pilbara Minerals Limited		
ACN:	095 384 491		
Registered address:	Level 2, 146 Colin St., West Perth, WA 6005		
Reporting period:	01/01/2024 to 31/12/2024		

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.

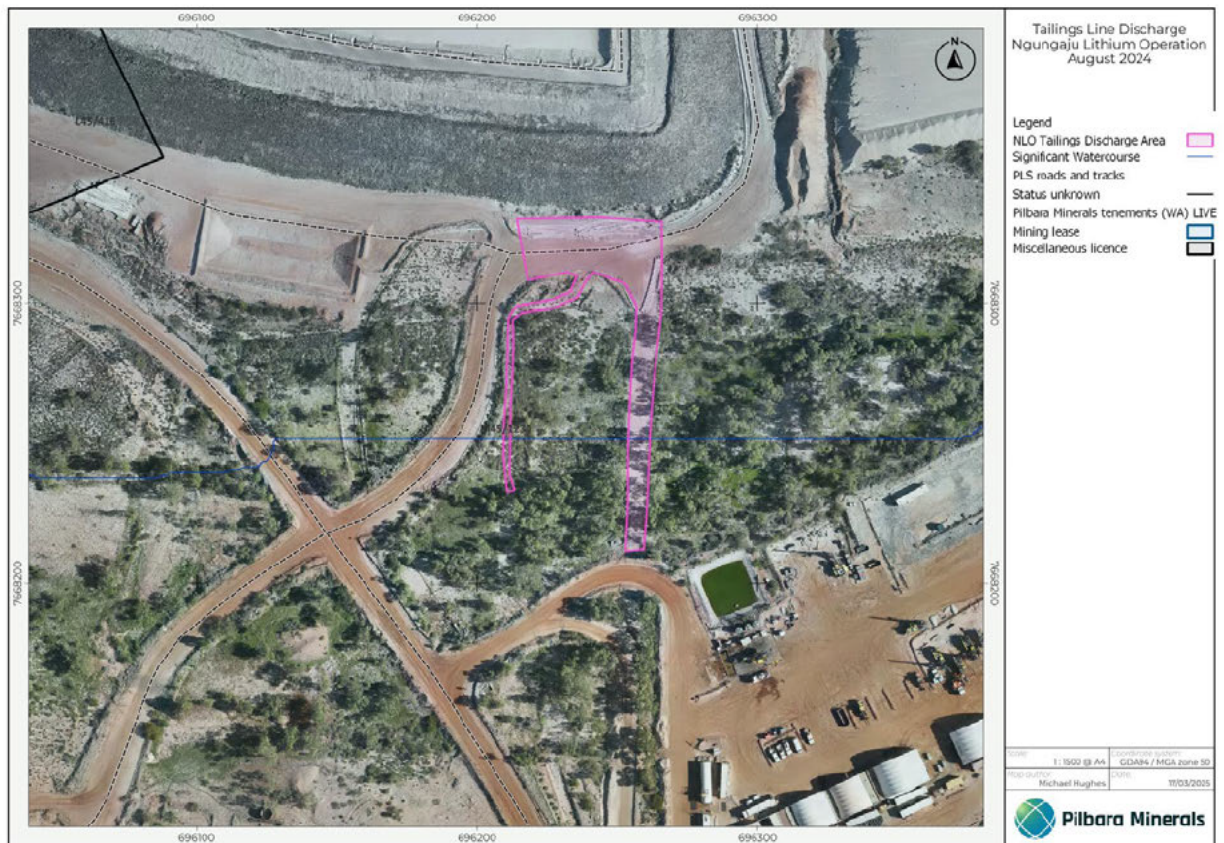
Section C – Statement of Actual Production	
Provide the actual production quantity for this reporting period. Supporting documentation is to be attached.	
Prescribed Premises Category	Actual Production Quantity
Category 5	1,528,223 tonnes (refer attachment 1-Processing tonnes)

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
Category 5	790,520 tonnes*

Section D – Statement of Actual Part 2 Waste Discharge Quantity			
		(refer attachment 2-NLO 2024 TSF Deposition) *Please note tailings disposal is above the current Licence threshold limit of 770,000 tonnes due to Time Limited Operations associated with Works Approval W6859. Please also note that there is an active operating Licence amendment submitted to cover the scheduled increase in tailings deposition.	

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	Date(s) of non-compliance:	05/08/2024
Details of non-compliance:			
<p>Unauthorised discharge from NLO tailings pipeline</p> <p>A newly installed valve on the Tailings Storage Facility (TSF) pipeline developed a pinhole, which worsened over time, leading to a complete failure of the valve.</p> <p>Tails slurry began to escape from the pipeline at approximately 1200hrs and discharged into the surrounding area until the release was discovered at around 0400hrs by the Control room operator, who noted and reacted to the leak detection pressure differential alert.</p> <p>Upon investigation, the spill had followed the contour of the road, breached a gap in the windrow and discharged into the surrounding environment.</p>			
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 spilled tailings reached the Southern Creek drainage line; however, water samples were sent to the lab, with laboratory results indicating compliance against the ANZECC guidelines. Vegetation has been monitored since the spill and has shown no sign of impact from the event.			

Section E – Details of Non-Compliance with Licence Condition



Cause (or suspected cause) of non-compliance:

- Flange bolt on pipeline valve was not tight enough
- Limited bunding along the pipeline corridor, allowed the spill to reach surrounding areas
- On Duty-Control room operator failed to adequately recognise the pressure drop alert within the process control system and did not respond in a timely manner.

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

- Water samples taken - laboratory results confirmed to be compliant against relevant guidelines
- Improvements to daily TSF inspection reports
- TSF tailings line and containment trench upgrades to be completed prior to NLO plant restart
- Upgrade of the leak-detection system to include an additional flowmeter installed on the end of the tails pipeline as well as the start of the line, in addition to the pump pressure system which is linked to the Control room with audible and visual alarms to identify differential changes
- Control room operator training
- Ongoing vegetation monitoring

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 checked="" type="checkbox"/> Reported to DWER in writing	Date: 06/08/2024

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:	28 th March 2025	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.