



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:	L9056/2017/1	Licence file number:	DER2017/000318
Licence holder name:	Pilgangoora Operations Pty Ltd		
Trading as:	Pilbara Minerals Pty Ltd		
ACN:	616 560 395		
Registered business address:	Level 2, 146 Colin Street, WEST PERTH WA 6005		
Reporting period:	01 / 07 / 22 to 30 / 06 / 23		

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
Category 5: Processing Plant	1,997,455.77 dmt processed ore (NPI) 1,606,079 tonnes tailings produced (NPI)
Category 52: Power Station	7.08MW (NPI)
Category 73: Bulk storage of chemicals (diesel)	927m ³ in aggregate

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 54: Camp Wastewater Treatment Plant	50,688kL (NPI)
Category 64: Class II putrescible and inert landfill	5,936 tonnes (NPI)

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:	5 th August 2022
Details of non-compliance:			
Discharge of potential seepage water from the Pilgan TMF into the environment.			
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 environmental impact was considered low (based on water quality and ongoing monitoring). The discharge of potential seepage water was confined to an already disturbed area adjacent to the Pilgan TMF (Southern seepage trench area) and a 100mt section of the natural drainage channel.			
Cause (or suspected cause) of non-compliance:			
Pumps from the seepage trench were temporarily removed to upgrade the line and the seepage trench was at full capacity prior to the event. The recovery of water from the TMF was lower than the discharges, and the density of the tailings was lower than expected. Preliminary inspections of the area failed to identify the water levels at seepage trench leading up to event.			
Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:			
<ul style="list-style-type: none"> • Earthen bund installed to prevent further discharge into the environment. • Water sampled and vegetation monitored in impacted area. • Following the upgrades on the lines, the pump and pipework were re-installed at the seepage trench with an increased recovery capacity to the underdrainage pond/process water pond. • The supervisors mandatory area inspections were updated to include visual inspection of water levels at the seepage trenches. 			
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: 12 /08 / 22	

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:	05/08/2022
Details of non-compliance:			
Discharge of process water from Sediment Pond West into the environment.			
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 environmental impact was considered low (based on water quality and ongoing monitoring). The discharge was confined to the natural creek system approximately 1.5 kilometers from the source. The total area impacted was calculated at <0.7ha.			
Cause (or suspected cause) of non-compliance:			
The cause of the non-compliance was the overflow of a mill bund due to a faulty sump pump. The bund overflowed into the nearby drainage channel and ultimately into the Sediment Pond West. The Sediment Pond West which was full, in turn overflowed into the natural creek channel.			
Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:			
Pumping started from Sediment Pond West to reduce pond levels. Water was sampled and vegetation monitored. Sediment pond West excavated to original capacity. Additional sump pumps (mobile) were acquired for Pilgan plant as spares. Awareness sessions held with Supervisors on the importance of conducting daily inspections with an appropriate scope.			
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: 12 / 08 / 22	

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:	5	Date(s) of non-compliance:	October, November 2022 April 2023
Details of non-compliance:			
<p>Tailings were discharged at a density concentration below the minimum 50% solids, as per Condition 5 of operating license L9056/2017/1 in October and November 2022, and April 2023.</p> <p>October 2022 - 45%</p> <p>November 2022 - 48%</p> <p>April 2023 - 49.4%</p>			
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>The environmental impact was considered low as it was confined to the TMF.</p>			
Cause (or suspected cause) of non-compliance:			
<p>October/November 2022 - during October/November 2022, the Pilgan Processing Plant consumed an increased amount of raw water to feed the Filter Press units. This excess water was diverted to the tailings thickener as it was unable to be transferred back to the processing pond which was at full capacity. The excess water delivered to the tailings thickener therefore contributed to the lower density of tailings.</p> <p>April 2023-during April 2023 the Pilgan Processing Plant discharged an increased amount of processing water to the Pilgan TMF. This was due to an operational malfunction of a piece of equipment (HPGR) causing an excess of water being produced and diverted to the TMF.</p>			
Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:			
<p>October/November 2022-</p> <ul style="list-style-type: none"> A dedicated line has been installed to the Filter Press to recirculate water, as opposed to diverting to the tailings thickener. Spare filter cloth spare parts have been ordered to handle excess processing water. Maintaining comprehensive records of equipment maintenance and issues encountered to prevent a reoccurrence. <p>April 2023-</p> <ul style="list-style-type: none"> Implementation of regular maintenance schedules which include routine inspections of the HPGR. Maintaining comprehensive records of equipment maintenance and any issues encountered to prevent a reoccurrence. 			
Was this non-compliance previously reported to DWER?			
<input type="checkbox"/> 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 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:		31 st October, 2023	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.