



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:	L6465/1989/10	Licence file number:	2010/007470-1~1
Licence holder name:	Alcoa of Australia Limited		
Trading as:			
ACN:	004 879 298		
Registered business address:	181-205 Davy Street BOORAGOON WA 6154		
Reporting period:	01 / 01 / 2020 to 31 / 12 / 2020		

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)

- ☐ Yes – please complete:
- section C;
 - section D (if required); and
 - sign the declaration in Section F.
- ☒ No – please complete:
- section C;
 - section D (if required);
 - section E; and
 - sign 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 05 - Processing or beneficiation of metallic or non-metallic ore	10,644,036 tonnes of bauxite crushed.

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
N / A	N / A

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:	E1	Date(s) of non-compliance:	01/07/2020 and 07/07/2020
Details of non-compliance:			
Noise emissions exceeded the assigned levels in the <i>Environmental Protection (Noise) Regulations 1997</i> on 1 July 2020 and 7 July 2020 between 19:00 and 07:00 when weather conditions were favorable for sound propagation from the Arundel Transfer Station and the Willowdale Overland Conveying Infrastructure towards Receiving Location 1 (R1).			
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 actual (or suspected) environmental impact associated. Refer to Figure 1 for a map showing R1 in relation to Conveying Infrastructure.			
Cause (or suspected cause) of non-compliance:			
Suspected causes were the Conveyors 371 and 372 along the sections closest to R1, Conveyors 371 and 372 drives and the Arundel 371 / 372 Transfer Station.			
Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:			
Conveyor 372 and the Arundel 371 / 372 Transfer Station will cease operation by 31 March 2021. An engineered solution is currently being trialed to reduce noise levels associated with Conveyor 371. New infrastructure associated with the relocation of the crusher to the Larego region has been designed to reduce noise emissions. An additional noise assessment will be completed in accordance with Condition N1 of the licence.			
Was this non-compliance previously reported to DWER? Not applicable.			
<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:	W2(b)	Date(s) of non-compliance:	08/07/2020 – 22/07/2020 11/08/2020 – 15/08/2020 07/09/2020 – 10/09/2020
Details of non-compliance:			
Measurement of cumulative volumes of wastewater discharged from Orion Sump 4 were not accurately captured during the relevant periods.			
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 actual (or suspected) environmental impact associated with the non-compliance.			
Cause (or suspected cause) of non-compliance:			
Change in water transportation process did not capture the requirement to accurately measure cumulative volumes of wastewater. Refer to Figure 2 for a map showing discharge location outside of PDWSA.			
Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:			
No adverse effects from the non-compliance. Education campaign for site personnel to ensure compliance with DWER licence requirements. Installation of signage at discharge locations outlining discharge requirements.			
Was this non-compliance previously reported to DWER? Not applicable.			
<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:	W2(c)	Date(s) of non-compliance:	11/08/2020 – 15/08/2020
Details of non-compliance:			
Representative samples were not collected in relation to discharges of wastewater that occurred from Orion Sump 4 in the relevant period.			
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 actual (or suspected) environmental impact associated. Refer to Figure 2 for a map showing discharge location outside of PDWSA.			
Cause (or suspected cause) of non-compliance:			
Change of water transportation process did not capture requirement to sample wastewater prior to discharge from Orion Sump 4.			
Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:			
No adverse effects from the non-compliance. Education campaign for site personnel to ensure compliance with DWER licence requirements. Installation of signage at discharge locations outlining discharge requirements.			
Was this non-compliance previously reported to DWER? Not applicable.			
<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:		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.

Alcoa Willowdale 2020 AACR – Supporting Information

Table 1: Tonnes of bauxite produced at Willowdale mine in 2020

Month	Production (tonnes)
January	911,343
February	798,058
March	794,088
April	845,813
May	961,786
June	891,795
July	930,313
August	904,999
September	932,512
October	828,264
November	869,019
December	976,046
Total 2020	10,644,036



Figure 1: Location Map Showing Receiving Location in Relation to Conveying Infrastructure

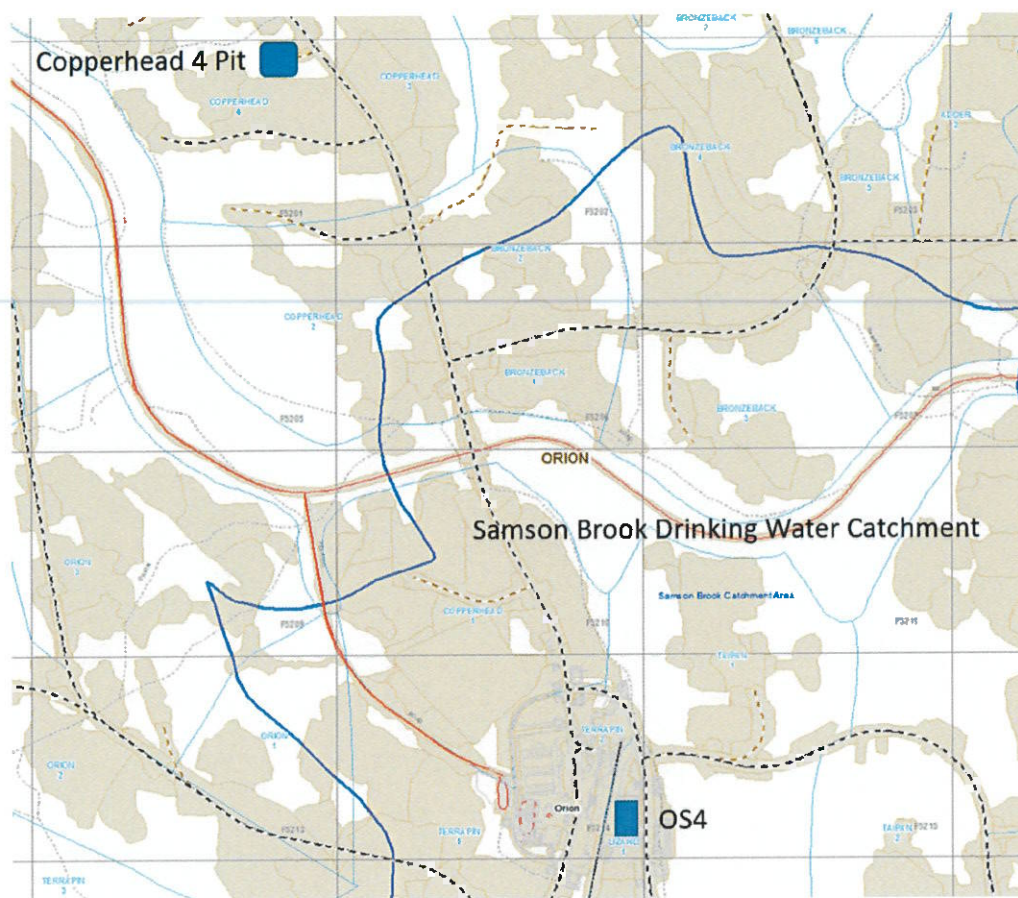


Figure 2: Map of OS4 source and Copperhead 4 pit discharge location.