



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:	L5245/1967/14	Licence file number:	2010/007402-03
Licence holder name:	Alcoa of Australia Limited		
Trading as:			
ACN:	004879298		
Registered business address:	Cnr Davey St and Marmion St Booragoon WA 6154		
Reporting period:	01 / 01 / 2019 to 31 / 12 / 2019		

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 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 or beneficiation of metallic or non metallic ore	1,391,057 dry tonnes (Residue Filtration) 0 tonnes (Red Sand plant)
Category 46: Bauxite Refining	
Category 52: Electric power generation	57.1 MW
Category 58: Bulk material loading or unloading	
Category 64: Class II or III putrescible landfill site	556.64 tonnes
Category 67: Fuel Burning	0 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: Processing or beneficiation of metallic or non metallic ore	1,391,057 dry tonnes		
Category 46: Bauxite Refining	3,385,384 tonnes		
Category 52: Electric power generation	0 MW		
Category 58: Bulk material loading or unloading	0 tonnes		
Category 64: Class II or III putrescible landfill site	556.64 tonnes		
Category 67: Fuel Burning	0 tonnes		

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:	Condition P3 (b)	Date(s) of non-compliance:	2 – 15/6/2019
Details of non-compliance:			
<p>The Kwinana Department of Environment Licence 5245/1967/14 condition E1 relates to the Environmental Protection (Kwinana) (Atmospheric Waste) Policy 1999 Implementation Conditions, and the related condition P3(b) of Attachment 8 which deals primarily with independent ambient sulphur dioxide monitoring undertaken for the Kwinana Industrial Area.</p> <p>Condition P3(b) of Licence 5245/1967/14 states: <i>The licensee shall ensure that the approved monitoring equipment referred to in condition P3(a) is operated and calibrated as approved and is maintained so as to provide reliable data for greater than 90% of the time in every calendar month and for greater than 95% of the time in any period of twelve calendar months, unless special exemption has been provided by the CEO.</i></p> <p>On 2 June 2019 cable theft at the Kwinana Industries Council (KIC) Abercrombie Road Sulphur dioxide monitoring station Site 4 of Condition P3(a) resulted in power loss and equipment damage. As a result, data recovery for the month of June 2019 was 51.34 % and the rolling annual average was 94.85%. The rolling annual average for subsequent monthly reporting periods (June to December) remained below 95 % as a result of this event and is projected to remain below 95% as a minimum until June 2020.</p> <p>Given the unforeseen nature of the power outage, prior exemption would not be practicable, however detection of the outage and electrical response, the Department of Water and Environment Regulation (DWER) was informed on 6 June 2019 and DWER acknowledged the advice provided by the monitoring company on 7 June 2019.</p> <p>The June 2019 monthly monitoring report submitted by the third party to the DWER and the relevant industries on 12 July 2019 highlighted the power loss at the Abercrombie Road monitoring station and impact on availability.</p> <p>The damage to the live mains power supply cable that resulted in the loss of power to the station and damage to the equipment together with weather conditions compounded the outage period.</p>			

Section E – Details of non-compliance with licence condition

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.

Based on available information, we do not believe there were any adverse environmental or operational affects associated with this event.



Figure 1. Kwinana EPP Area A and B Boundaries and Monitoring Station Sites

Note: The areas shown on this map are approximate only. The official map is the DEP Map 990992 held by the DEC.

Client: Kwinana Industries Council	ENVIRON	
Project: EPP SO2 Redetermination	Drawn: BB	Date: 15 April 09

Section E – Details of non-compliance with licence condition	
Cause (or suspected cause) of non-compliance:	
An act of vandalism related to copper cable theft resulting in power outage and equipment damage.	
Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:	
<p>Followed up with Kwinana Industries Council to ensure that in future should any event of this nature occur that the industries are notified promptly.</p> <p>Kwinana Industries Council submitted correspondence on the matter for DWER's consideration on 26/8/2019.</p>	
Was this non-compliance previously reported to DWER?	
<input checked="" type="checkbox"/> Yes, and	
<input checked="" type="checkbox"/> Reported to DWER verbally	Date: 06 / 06 / 2019
<input checked="" type="checkbox"/> Reported to DWER in writing	Date: 06 / 06 / 2019

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:	Condition P4 (c)	Date(s) of non-compliance:	2 – 15/6/2019
Details of non-compliance:			
<p>The Kwinana Department of Environment Licence 5245/1967/14 condition E1 relates to the Environmental Protection (Kwinana) (Atmospheric Waste) Policy 1999 Implementation Conditions, and the related condition P4(c) of Attachment 8 which deals primarily with independent meteorological monitoring undertaken for the Kwinana Industrial Area.</p> <p>Condition P4(c) of Licence 5245/1967/14 states: <i>The meteorological monitoring system shall be maintained so as to provide reliable data on each meteorological parameter for greater than 90% of the time in every calendar month and greater than 95% or the time in any 12 consecutive calendar months, unless special exemption has been approved by the CEO.</i></p> <p>On 2 June 2019 cable theft at the Kwinana Industries Council (KIC) Abercrombie Road Sulphur dioxide monitoring station Site 4 of Condition P3(a) resulted in power loss and equipment damage. As a result, data recovery for the month of June 2019 was 51.34 % and the rolling annual average was 94.85%. The rolling annual average for subsequent monthly reporting periods (June to December) remained below 95 % as a result of this event and is projected to remain below 95% as a minimum until June 2020.</p> <p>Given the unforeseen nature of the power outage, prior exemption would not be practicable, however detection of the outage and electrical response, the Department of Water and Environment Regulation (DWER) was informed on 6 June 2019 and DWER acknowledged the advice provided by the monitoring company on 7 June 2019.</p> <p>The June 2019 monthly monitoring report submitted by the third party to the DWER and the relevant industries on 12 July 2019 highlighted the power loss at the Abercrombie Road monitoring station and impact on availability.</p> <p>The damage to the live mains power supply cable that resulted in the loss of power to the station and damage to the equipment together with weather conditions compounded the outage period.</p>			
<p>What was the actual (or suspected) environmental impact of the non-compliance?</p> <p>NOTE – please attach maps or diagrams to provide insight into the precise location of where the non-compliance took place.</p>			
<p>Based on available information, we do not believe there were any adverse environmental or operational affects associated with this event.</p>			

Section E – Details of non-compliance with licence condition



— Area A to B Boundary
 — Area B to C Boundary

Figure 1. Kwinana EPP Area A and B Boundaries and Monitoring Station Sites


Note: The areas shown on this map are approximate only. The official map is the DEP Map 930302 held by the DEC.

Client: Kwinana Industries Council	ENVIRON	
Project: EPP SO2 Redetermination	Drawn: BB	Date: 15 April 09

Cause (or suspected cause) of non-compliance:

An act of vandalism related to copper cable theft resulting in power outage and equipment damage.

Section E – Details of non-compliance with licence condition	
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<p>Followed up with Kwinana Industries Council to ensure that in future should any event of this nature occur that the industries are notified promptly.</p> <p>Kwinana Industries Council submitted correspondence on the matter for DWER's consideration on 26/8/2019.</p>	
Was this non-compliance previously reported to DWER?	
<input checked="" type="checkbox"/> Yes, and	
<input checked="" type="checkbox"/> Reported to DWER verbally	Date: 06 / 06 / 2019
<input checked="" type="checkbox"/> Reported to DWER in writing	Date: 06 / 06 / 2019

Section F – Declaration			
<p>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.</p> <p>I / We consent to the Annual Audit Compliance Report being published on the Department of Water and Environmental Regulation's (DWER) website.</p>			
Signature ² :		Signature:	
Name: (printed)		Name: (printed)	
Position:	Vice President Operations	Position:	Australia Controller
Date:	20/03/20	Date:	20/03/20
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.