



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:	L5491 /1984/18	Licence file number:	NWK1988-19
Licence holder name:	Woodside Energy Ltd		
Trading as:	Woodside Energy Ltd		
ACN:	005 482 986		
Registered business address:	Karlak 11 Mount Street Perth WA 6000 Australia		
Reporting period:	01 / 07 / 2020 to 30 / 06 / 2021		

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
Oil and gas production from wells	19,578,361 tonnes
Oil and gas refining	19,578,361 tonnes
Electrical power generation	159.5 MW
Sewage facility	10,461 m ³

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	
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:	2	Date(s) of non-compliance:	14 January 2021
Details of non-compliance:			
<p>Following internal assurance and associated confirmation of historical stack emissions test data, it was identified that an emission limit listed in column 3 of Table 1 of the Licence was historically exceeded. The exceedances relate to the historical reporting of Total Oxides of Nitrogen (NO_x) concentrations (as a sum of NO and NO₂) versus the expression of NO_x concentration 'expressed as NO₂' as defined by the Licence. At the time of testing, the NO_x results were reported as a sum of NO and NO₂ and were reviewed as being below the applicable Licence emission limit value. However, recalculation of the data to result in NO_x concentration 'expressed as NO₂' subsequently identified three exceedance events between 2015 and 2020.</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>When the historic exceedances were interrogated, it was identified that all three historical exceedances occurred during periods where the turbines associated with each emission point were operating in a non-normal mode or in fault. During this time, it is expected that low NO_x outputs cannot be achieved. These events were transient in nature and as such increased emissions were temporary and believed to result in minimal environmental impact.</p> <p>The exceedances occurred from gas turbine emission points located within the power generation area (GT4007 and GT4009) and LNG Train 5 processing area (5KT1430) of KGP.</p>			
Cause (or suspected cause) of non-compliance:			
<p>The cause of the non-compliance related to a review of historical stack emissions data, and applying a recalculation to the existing NO_x data in order to align with the methodology required by the licence. Applying the updated calculation resulted in an increase to the historical reported NO_x concentrations and subsequently a historical exceedance on three occasions.</p> <p>On all three occasions the turbines were identified to be in a non-normal mode of operation or in fault. During such periods higher emissions are expected. These events were transient in nature.</p>			
Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:			
<p>A number of corrective actions have been undertaken to prevent recurrence of the exceedances.</p> <p>The Woodside laboratory reporting system has been updated to report NO_x concentrations (as NO₂) for quarterly emission samples and recalculation of historical data from 2015 to 2020 has</p>			

Section E – Details of non-compliance with licence condition

been undertaken. The relevant sampling procedure has also been updated to ensure licence requirements are clearly articulated, and an additional step included post-sampling to verify NOx results have been reported in the correct unit.

A formal verification process has also been implemented that requires confirmation, prior to and post sampling, to ensure that the turbine remained in a mode which represents normal operating conditions.

Was this non-compliance previously reported to DWER?

Yes, and

Reported to DWER verbally

Date: 15/01/2021

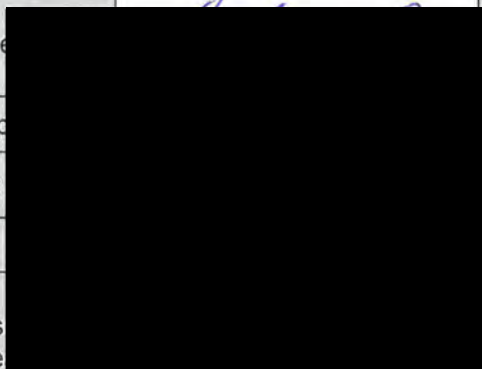
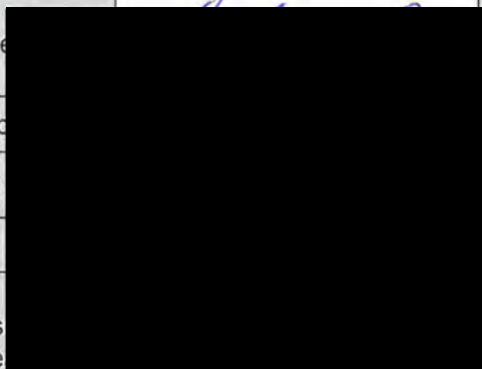
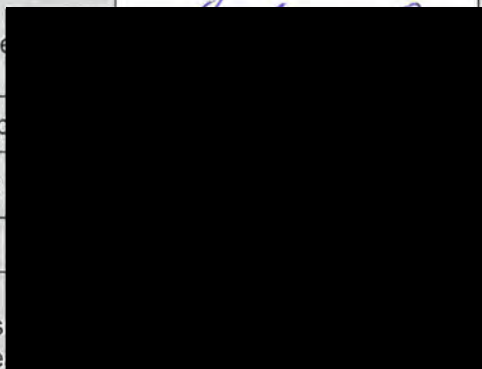
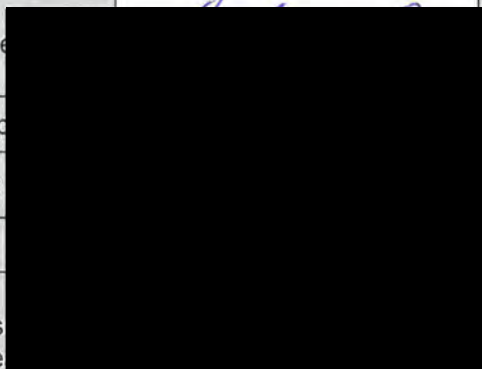
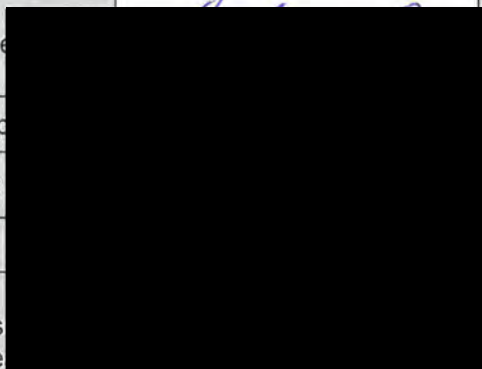
Reported to DWER in writing

Date: 28/01/2021

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:		Signature:	
Name: (printed):		Name: (printed):	
Position:		Position:	
Date:		Date:	
Seal (if signed 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.