



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:	Mia Yellagonga 11 Mount Street Perth WA 6000 Australia		
Reporting period:	01 / 07 / 2024 to 30 / 06 / 2025		

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 ¹	13,929,688 tonnes
Oil and gas refining	15,683,317 tonnes
Electrical power generation	120.9 MW
Sewage facility	16,012 m ³

¹ Includes hydrocarbon production from NWS reservoir wells. Excludes hydrocarbons produced from wells supplying Pluto-KGP interconnector.

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:	3 July 2024
Details of non-compliance:			
<p>On 3 July 2024, a recorded emission concentration exceeded the limit listed in Column 3 of Table 1 of the Licence. This was identified during routine quarterly emissions monitoring for Q3, conducted in accordance with Condition 3 of the Licence. The recorded concentration for Oxides of Nitrogen (NOx), expressed as NO₂, was 111 mg/m³ at emission point Gas Turbine (GT) 4008 at LNG 4, compared to the prescribed limit of 100 mg/m³. Subsequent review of GT4008's operating parameters confirmed that the gas turbine was functioning in a normal low NOx mode (AB mode), albeit towards the upper boundary of the operating mode window. This was due to operational constraints put on the engine to manage damage to some segments of the first stage nozzle of the turbine which was identified during the annual inspection undertaken in May 2024.</p> <p>The estimated period during which emissions likely exceeded the prescribed limit is approximately 53 days.</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>The emissions sampling for GT4008, which identified the exceedance on 3 July 2024, was completed immediately prior to the engine being shutdown for planned maintenance. When the engine was restarted following the planned maintenance activity, mapping and emissions testing in AB mode was completed to ensure NOx emissions compliance and the results were verified by Woodside frontline engineering team. Testing after completion of mapping demonstrated a reduction to 80.6 mg/m³ in compliance with the emission limit listed in Column 3 of Table 1 of the Licence.</p> <p>The NOx emissions exceedance resulting from this event is not expected to have resulted in significant environmental impact. The NOx emission sources at the Karratha Gas Plant (KGP) are diverse with this exceedance making up a small portion of the annual contribution of one of these sources at KGP. Overall NOx intensity for KGP during the 2024/25 reporting period has decreased compared to the previous period.</p> <p>This non-compliance occurred within the power generation area of KGP which is where GT4008 is situated.</p>			

Cause (or suspected cause) of non-compliance:

The investigation identified inconsistencies in emissions data obtained during GT4008 mapping following the annual inspection in May 2024. These inconsistencies are considered a potential contributing factor to the recorded exceedance of the emission limit listed in Column 3 of Table 1 of the Licence.

The raw mapping emissions data received during the mapping process showed inconsistencies between the NOx values recorded during mapping of the various ranges within the AB burner mode. The investigation concluded that a possible cause of these variations could have been attributed to the mapping emissions sampling equipment calibration and use, including that:

- The emissions sampling equipment used for mapping was outside of the manufacturer suggested calibration timeframe (annual).
- The manufacturer’s operating manual for the emissions sampling equipment is detailed and there are a number of steps required to achieve a representative sample and prevent damage to the unit.
- Feedback from the engineer who conducted the initial mapping was that the NOx emissions seemed elevated. As such, a re-sample was taken soon thereafter, which returned a lower NOx value within the Licence emission limits and expected operating range. Based on this result, no further investigation was initiated at the time.

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

In response to this exceedance, a number of corrective actions were identified as an outcome of the investigation. See details in Table below:


Corrective action taken	Timelime for implementation
Emissions sampling equipment used for mapping will be subject to annual calibration.	Immediate. Only calibrated sampling equipment will be used for mapping activities going forward.
Woodside responsible engineer to undertake assurance review of raw mapping data for the LM6000 units (of which GT4008 is one) to confirm emissions are within limits, after turbine mapping is complete.	Q4 2024
Engineer undertaking the mapping to be provided with the following to support mapping process: <ul style="list-style-type: none"> • Operating manual to be supplied with the emissions sampling equipment when mapping; and • A guide to be created outlining key steps and requirements to be followed when using the emissions sampling equipment 	Q4 2024

during mapping.	
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: 04 / 07 / 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 :	 Breyden Lonnie (Oct 28, 2025 20:12:58 GMT+8)	Signature:	
Name: (printed)	Breyden Lonnie	Name: (printed)	
Position:	Vice President North West Shelf Venture	Position:	
Date:	28/10/2025	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.