

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:	L9225/2019/1	Licence file number:	DER2019/000441
Licence holder name:	Chevron Australia Pty Ltd		
Trading as:	Chevron Australia Pty Ltd		
ACN:	086 197 757		
Registered business address:	Level 1 162 Grand Boulevard JOONDALUP WA 6027		
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)	
<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 61: Liquid waste facility	1,219,247 m ³
Category 54: Sewage facility premises	Limit: 816 m ³ per day
Category 10: Oil or gas production from wells	LNG: 10,004,561.25 tonnes
Category 34: Oil or gas refining	Condensate: 1,337,751.75 tonnes
Category 52: Electric power generation	44 MW

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
NA	NA

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 1, Table 1	Date(s) of non-compliance:	30 Dec 2024 16, 17, 25, 26 Jan 2025 5, 27 Feb 2025 3 Mar 2025 18, 22 May 2025 12, 21, 27 Jun 2025
Details of non-compliance:			
<p>Condition 1 requires that flaring must not occur from the high pressure flare system, the low pressure system, or the marine flare system during normal operating conditions, except in limited circumstances.</p> <p>Thirteen flaring events were recorded for the reporting period, which did not meet the flaring requirements in Condition 1, Table 1. These events are summarised below.</p> <p>One event on 30 December 2024 involved flaring from the marine flare system during integrity critical testing of a pressure protection system, which is considered normal operating conditions.</p> <p>Five events on 16, 17, 25 and 26 January, and 27 February 2025 involved flaring from the low pressure and high pressure flare systems. The events related to sudden changes in atmospheric conditions causing temperature (pressure) differentials within the process. This caused instability and resulted in control logic diverting process gas to flare to reduce the likelihood of a process safety event.</p> <p>Seven events on 5 February, 3 March, 18 and 22 May, 12, 21 and 27 June 2025 involved flaring from the low pressure and high pressure flare systems. The events related to Nitrogen Rejection Unit (NRU) instability during normal operating conditions, which resulted in NRU process gas being diverted to flare systems until process vessel stability was restored. This was a process response to reduce the likelihood of a process safety event.</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>			
There was no known actual or suspected environmental impact associated with these Condition 1 flaring events.			
Cause (or suspected cause) of non-compliance:			
<p>With regards to the marine flare event on 30 December 2024, integrity critical testing, considered normal operating conditions, caused the flaring event.</p> <p>The remaining twelve events, involving the low pressure and high pressure flare systems, related to changes in ambient operating conditions at the premises.</p> <p>During the events occurring 16, 17, 25 and 26 January, and 27 February 2025, the sudden changes to the ambient operating conditions triggered the licence holder to perform flaring to reduce the likelihood of a process safety event occurring.</p>			

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In relation to the events on 5 February, 3 March, 18 and 22 May, 12, 21 and 27 June 2025, cooler ambient operating conditions drove an increase in LNG feed rates, which resulted in the gas in the NRU becoming off-specification, which resulted in flaring.	
Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:	
Process changes were applied to reduce the instance of marine flare flaring during the integrity critical testing of the pressure protection system on 30 December 2024.	
During those instances where changes in ambient conditions caused flaring, LNG train feed rates were adjusted as one mechanism that brought process flows back in line with reliable operations, which ceased the flaring under these normal operating conditions.	
Was this non-compliance previously reported to DWER?	
Yes	
Reported to DWER verbally	Date: / /
Reported to DWER in writing	Date: 03/01/2025, 23/01/2025, 30/01/2025, 11/02/2025, 06/03/2025, 10/03/2025, 21/05/2025, 28/05/2025, 17/06/2025, 25/06/2025, 01/07/2025

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 1, Table 1	Date(s) of non-compliance:	4 Jul 2024 27, 28 Sep 2024 3 Oct 2024 19 Apr 2025
Details of non-compliance:			
Condition 1 requires the AGTOs to be operated to achieve a firing temperature of >760°C during normal operating conditions.			
Five non-compliances were recorded for the reporting period.			
All five events related to the Train 2 AGTO operating at temperatures between 700°C - 754°C, which is less than the required >760°C during normal operating conditions. All events were related to changes in the AGTO low pressure fuel gas system, with either compositional or flow changes resulting in a reduction in the heating value required to maintain optimal temperatures.			
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.			
There was no known actual or suspected environmental impact associated with these five events. The combustion temperatures required to achieve >99% combustion efficiency for the majority of acid gasses were maintained at the lower operating temperatures in each event.			
Cause (or suspected cause) of non-compliance:			
Additional air is added to the AGTOs in response to changes in feed gas composition and feed rates to ensure adequate excess oxygen. Additional fuel gas is then added to maintain AGTO operating temperatures. The primary cause of these events is that the fuel gas requirements to meet the increase in air were not met due to transient operating conditions impacting the availability of fuel gas.			
Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:			
Improvements to the fuel gas controller have been explored to improve heating duty to the AGTOs.			
Was this non-compliance previously reported to DWER?			
Yes			
Reported to DWER verbally		Date:	
Reported to DWER in writing		Date: 26/06/2025	

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 3, Table 3	Date(s) of non-compliance:	05 Aug 2024 05 Sep 2024 30 Sept 2024 13 Oct 2024 19 Jan 2025 18 Feb 2025 27 Jun 2025
Details of non-compliance:			
<p>Condition 3 requires no dark smoke emissions of a shade of Ringelmann 3 or greater (>R3), for longer than 30 minutes, from the high pressure flare system, the low pressure flare system, or the marine flare system during normal operating conditions.</p> <p>Seven non-compliances with Condition 3, Table 3 were recorded for the reporting period. These events are summarised below:</p> <p>Five events related to flaring required through the marine flare system during the 'gas up' and cool down associated with the loading process of an LNG ship. These events occurred 5 August 2024, 5 and 30 September 2024, 13 October 2024, and 18 February 2025. The flaring of inert gases from the ship's storage resulted in dark smoke (>R3 for >30 mins) on each occasion.</p> <p>One event related to temperature instability and shutdown of Stabiliser Overhead Compressors during heavy rainfall associated with Tropical Cyclone Sean on 19 January 2025, resulting in dark smoke (>R3 for >30mins).</p> <p>One event, on 27 June 2025, occurred during topping up of the propane refrigerant storage vessel that required flaring, which resulted in dark smoke (>R3 for >30 mins) until process changes were applied to reduce/stop smoke.</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>			
There was no known actual or suspected environmental impact associated with these seven events.			
Cause (or suspected cause) of non-compliance:			
<p>With regard to the 'gas up' events, the actions undertaken to suppress dark smoke were not fully effective during the cool down step for the loading of an LNG ship.</p> <p>With regard to the Stabiliser Overhead Compressors event - the sudden decrease in temperature from the heavy rainfall caused instability in the system. The compressors were shut down to prevent a process safety event which resulted in flaring with dark smoke.</p> <p>With regard to the propane refrigerant storage vessel loading event - vapour build-up was sent to the flare systems, which was not effectively managed to prevent dark smoke occurring.</p>			
Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:			

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During each event, operators made process changes in an attempt to limit dark smoke generation. Operators continue to improve normal operating processes to reduce the occurrence of dark smoke events.	
Was this non-compliance previously reported to DWER?	
Yes	
Reported to DWER verbally	Date: / /
Reported to DWER in writing	Date: 08/08/2024, 11/09/2024, 04/10/2024, 18/10/2024, 23/01/2025, 24/02/2025, 03/07/2025

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:	Conditions 9 and 14 (d)	Date(s) of non-compliance:	Dec 2024 Feb 2025 Mar 2025 Apr 2025
Details of non-compliance:			
<p>Condition 9 requires that all monitoring equipment used to comply with Condition 14 is maintained to provide valid data for greater than 90% of the measurement intervals in every calendar month, and greater than 95% of the measurement intervals over any 12 consecutive calendar months.</p> <p>Condition 14(d) requires the licence holder to monitor the air for concentrations of the parameters listed in Table 7 for the corresponding averaging period.</p> <p>During the months of March 2025 and April 2025, the data capture for Nitrous Oxides (NO_x, NO and NO₂) was less than 90% of the monthly measurement interval, resulting in an annual average of 93%, which is lower than the requirement for 95% annual average data capture.</p> <p>During the months of December 2024, February 2025, and March 2025 the data capture for Ozone (O₃) was less than 90% of the monthly measurement interval, resulting in an annual average of 94%, which is lower than the requirement for 95% annual average data capture.</p>			
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.			
There was no known actual or suspected environmental impact.			
Cause (or suspected cause) of non-compliance:			
<p>Nitrous Oxides (NO_x, NO and NO₂) data gaps in March 2025 (45% capture) and April 2025 (78% capture) were due to instrument failure, specifically the Photo Multiplier Tube (PMT) in the analyser.</p> <p>Ozone (O₃) data gaps in December 2024 (insert % data capture for Dec) were due to the nightly zero calibration being outside specifications for accurate data capture. Further ozone data gaps between 22 February and 7 March 2025 were caused by analyser failure due to damage sustained during a dust storm.</p>			
Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:			
<p>Repairs were conducted on faulty equipment by instrument service technicians. The NO_x analyser was replaced in May 2025 following repeat instrument failure. The Ozone analyser was replaced in April following damage from the weather event.</p> <p>Data reliability of both analysers improved and met Condition 9 data capture requirements for the remainder of the reporting period. Servicing of the equipment will continue to be conducted at the frequency stated in the relevant Australian Standard.</p>			
Was this non-compliance previously reported to DWER?			
No			
Reported to DWER verbally		Date: / /	
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:	Condition 19, Table 11	Date(s) of non-compliance:	1 Jul 2024 – 30 Jun 2025
Details of non-compliance:			
<p>Condition 19 requires monitoring of discharges to water to ensure emissions do not exceed specified limits in Table 11.</p> <p>There were four occasions during the reporting year where the Faecal Coliform concentrations were above the 12 month 90th percentile rolling average value of 21 CFU/100 ml as stipulated in Table 11. These events, coupled with the few elevated events in the previous reporting year, resulted in Faecal Coliform concentrations above the 12 month 90th percentile rolling average for each month of the reporting period.</p> <p>There was one occasion during the reporting year where the Enterococci concentration was above the 12 month 95th percentile rolling average value of 200 CFU/100 ml as stipulated in Table 11. This event in September 2024 resulted in the Enterococci concentration value for the months of October and November 2024 and February 2025 to be above the 12 month rolling 95th percentile rolling average.</p> <p>There was one event during the reporting year where the Total Recoverable Hydrocarbon (TRH) concentration was above the licence emission limit specified in Table 11.</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>There was no known actual or suspected environmental impact due to the occurrence of each emission limit exceedance.</p> <p>It is considered that any elevated Faecal Coliform, Enterococci and TRH levels associated with permanent marine outfall effluent would reduce below detectable levels within metres of the diffuser.</p>			
Cause (or suspected cause) of non-compliance:			
<p>A review of the previous 12 months of Faecal Coliform and Enterococci results was undertaken and demonstrated that a small number of historical elevated results have contributed to the emission limit exceedances.</p> <p>A review of the Wheatstone Wastewater Treatment Plant (WWTP) operating conditions confirmed the WWTP was operating within specification during the periods higher Faecal Coliform levels were recorded. An investigation found the elevated samples could potentially be due to the presence of bird faecal matter following rain events, washing storm water through to the effluent treatment system.</p> <p>The TRH exceedance recorded in September 2024 also coincided with a high rainfall event, that increased storm water inflow to the oily water treatment package. It is suspected the increase in volume reduced the batched recycle of water in this package, to manage the inflow volume and avoid flooding the filtration system, reducing the number of 'flushes' oily water is subjected to before discharging to the final effluent sump.</p>			
Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:			

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Additional Faecal Coliform sampling was opportunistically carried out during a sampling event for the ambient marine monitoring program to confirm there was no actual environmental impact.

The procedure for operating and testing the oily water treatment system was reviewed to ensure the potential for elevated TRH to be fed forward to the final effluent sump is managed to 'As Low as Reasonably Practical' (ALARP). There have been no detections of TRH in the ambient marine water quality monitoring program.

Was this non-compliance previously reported to DWER?

Yes

Reported to DWER verbally

Date: / /

Reported to DWER in writing

Date: 13/05/2025, 19/09/2025

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 20	Date(s) of non-compliance:	Sep and Nov 2024
Details of non-compliance:			
<p>Condition 20 requires monitoring of discharges to water to be carried out at the frequency specified in Table 11. On two occasions during the reporting year monitoring was not carried out at the required frequency.</p> <p>The requirement for monthly monitoring of chlorine (Cl) and temperature was not met in September and November 2024.</p> <p>Table 11 states temperature monitoring must be undertaken continuously. However, during the reporting period, there was no in-line temperature analyser in the final wastewater discharge location. This issue was identified in September 2023 and previously reported.</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>			
There was no known actual or suspected environmental impact.			
Cause (or suspected cause) of non-compliance:			
<p>The missed measurement of chlorine and temperature during the September and November sampling events was due to human error.</p> <p>Following the licence amendment in November 2022, no in-line temperature analyser for continuous monitoring was installed in the final wastewater discharge location.</p>			
Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:			
<p>The routine Laboratory Analysis Request Form has been updated to emphasise that the measurement of all listed parameters (including chlorine and temperature) is a mandatory requirement to meet compliance with Condition 20.</p> <p>With the exception of September and November 2024, spot sampling for temperature is undertaken on a monthly basis in accordance with the applicable Australian/New Zealand standard.</p>			
Was this non-compliance previously reported to DWER?			
No			
Reported to DWER verbally		Date: / /	
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:	Condition 22(a)	Date(s) of non-compliance:	03 Sep 2024
Details of non-compliance:			
<p>Condition 22(a) requires the licence holder to collect a sample from the relevant monitoring location within 48 hours of becoming aware of a non-compliance with Condition 19 (limit exceedance) and have that sample analysed by a NATA accredited laboratory for the parameter(s) relevant to the non-compliance.</p> <p>There was one occasion during the reporting period where a sample, taken within 48 hours, was not analysed for the parameter relevant to the non-compliance.</p> <p>On 3 September 2024, the licence holder became aware of a Condition 19 limit exceedance for Faecal Coliforms. A sample was collected from the relevant monitoring location within 48 hours, however the wrong parameter was selected on the third-party laboratory Chain of Custody. As a result, the sample taken within 48 hours of becoming aware of a non-compliance was not analysed for Faecal Coliforms.</p>			
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.			
There was no known actual or suspected environmental impact.			
Cause (or suspected cause) of non-compliance:			
The non-compliance was due to human error in selecting the incorrect parameter for analysis when preparing the laboratory analysis request form.			
Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:			
An additional step was added to the workflow requiring review of the laboratory analysis request form by the laboratory technician and analysis requestor, prior to sample collection.			
Was this non-compliance previously reported to DWER?			
Yes			
Reported to DWER verbally		Date: / /	
Reported to DWER in writing		Date: 17/09/2024	

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.

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.