

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 / 2023 to 30 / 06 / 2024		

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	1,218,553m ³
Category 54: Sewage facility premises	Limit: 816m ³ per day
Category 10: Oil or gas production from wells	LNG: 10,031,465 tonnes
Category 34: Oil or gas refining	Condensate: 1,352,893 tonnes
Category 52: Electric power generation	42 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:	31/12/2023
Details of non-compliance:			
<p>Condition 1 requires that flaring not occur during normal operating conditions, except in limited circumstances. On 31 December 2023, flaring from the HP and LP flare occurred for approximately 26 minutes during normal operating conditions. The Nitrogen Rejection Unit (NRU) vent gas was redirected to the flare on both trains as the methane content increased at approximately 2:50pm. Initially some dark smoke was observed from the LP flare but dissipated once the flow was directed to the HP flare.</p>			
<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.</p>			
<p>There was a period of flaring with no specific resultant environmental impact.</p>			
Cause (or suspected cause) of non-compliance:			
<p>Due to a rapid change in ambient conditions, the LNG train feed was increased which resulted in the gas in the NRU becoming off specification and subsequent flaring.</p>			
Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:			
<p>The LNG train feed increase was ceased, and the operators made process changes in order to bring the gas in the NRU back on specification.</p>			
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: 05/01/2024	

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:	08/07/2023 & 06/06/2024
Details of non-compliance:			
<p>Condition 3 requires no dark smoke emissions of a shade of Ringelmann 3 or greater, for longer than 30 minutes, during normal operating conditions.</p> <p>On 8 July 2023, flaring was required through the Marine flare system during the 'gas up' and cool down of an LNG ship that arrived for loading. The flaring of inert gases from the ship's storage resulted in dark smoke (shade Ringelmann 3 or greater) for a period between 12:22pm and 6pm.</p> <p>On 6 June 2024, flaring was required through the Marine flare system during the 'gas up' and cool down of an LNG ship that arrived for loading. The flaring of inert gases from the ship's storage resulted in dark smoke (shade Ringelmann 3 or greater) for a period between 3:50pm and 6:30pm.</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 were two periods of dark smoke with no specific resultant environmental impact.			
Cause (or suspected cause) of non-compliance:			
During the cool down step for the loading of the LNG ship on each of 8 July 2023 and 6 June 2024, the actions undertaken to suppress dark smoke were not fully effective.			
Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:			
After each event, operators made process changes in an attempt to suppress dark smoke generation. Operators continue to refine and improve the process to reduce the occurrence of dark smoke.			
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: 12/07/2023, 12/06/2024	

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 9	Date(s) of non-compliance:	September 2023 & May 2024
Details of non-compliance:			
<p>Condition 9 of licence L9225 requires that all monitoring equipment used to comply with Condition 14 is maintained so as 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>During the months of September 2023 and May 2024, the measurement interval for CO in Table 7 of Condition 14 was less than 90% due to equipment issues. The 12-month average data capture was also below 95% for CO.</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>The CO analyser used for air monitoring at the Onslow Townsite experienced reliability issues. Servicing of the equipment was conducted at the frequency stated in the relevant Australian Standard. The CO analyser reliability issues were caused by faults, which occurred in September 2023.</p> <p>On 2, 23 and 24 May 2024 there were mains power outages. On these dates, the CO analyser experienced significant stress, taking a considerable time to recover / stabilise and for diagnostics to indicate a return to standard operating conditions.</p>			
Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:			
When the equipment experienced issues, repairs were conducted on site by instrument service technicians.			
There were no recorded adverse effects from the events. Servicing of the equipment will continue to be conducted at the frequency stated in the relevant Australian Standard.			
Was this non-compliance previously reported to DWER?			
No			
<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:	Condition 19, Table 11	Date(s) of non-compliance:	04/12/2023 19/01/2024 08/03/2024 24/04/2024 27/05/2024 27/06/2024
Details of non-compliance:			
Condition 19 requires monitoring of discharges to water to ensure emissions do not exceed specified limits. On six occasions during the reporting year, an exceedance of the licence limit for the Faecal Coliform 12 month rolling average (21 CFU / 100ml) was reported externally to the Department of Water and Environmental Regulation. Monitoring commenced in November 2022, therefore the first 12 month rolling average was calculated in November 2023.			
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. It is considered that any elevated Faecal Coliform levels associated with permanent marine outfall effluent would reduce below detectable levels within metres of the diffuser.			
Cause (or suspected cause) of non-compliance:			
A review of the previous 12 months of Faecal Coliform results was undertaken and demonstrated that a small number of historical elevated results have contributed to this exceedance. 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.			
Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:			
Additional Faecal Coliform sampling was opportunistically carried out during a quarterly sampling for the ambient marine monitoring program to confirm there was no actual environmental impact.			
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		04/12/2023, 19/01/2024, 08/03/2024, 24/04/2024, 27/05/2024, 27/06/2024	

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:	18/06/2024
Details of non-compliance:			
<p>Condition 20 requires emissions to water monitoring be carried out at the frequency specified in Table 11. On three occasions during the reporting year monitoring was not carried out at the required frequency:</p> <p>The monthly sampling of chlorine was not undertaken in June 2024.</p> <p>Temperature monitoring was undertaken during routine sampling, but continuous monitoring of temperature was not undertaken during the reporting period. During the reporting period, there was no in-line temperature analyser in the final wastewater discharge location. This issue was identified in September 2023.</p> <p>From the beginning of the reporting period until 29 September 2023, the online pH analyzer had lost sensitivity, but the data did not indicate that the pH sensor was offline (i.e., the data was still being captured). Upon further interrogation of the data, it was confirmed in early September 2023 that the analyser had not been functioning correctly and the pH parameter was not being recorded continuously. The pH analyser was back in service on 29 September 2023. Condition 20 requires pH to be recorded continuously to determine a daily average of pH from discharged water to the marine environment.</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 analysis of chlorine was due to human error to measure this specific analyte during the sampling event.</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> <p>The pH analyser fault was found to be due to a failure of the probe.</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 to be updated to emphasise that the sampling of all listed parameters (including Chlorine) is a mandatory requirement to demonstrate compliance with Condition 20.</p> <p>With the exception of June 2024, spot sampling for temperature was undertaken on a monthly basis as part of the routine spot sampling regime in accordance with the applicable Australian/New Zealand standard. Table 11 of the Licence specifies continuous monitoring of temperature. (Note: there are no licence limits for temperature specified in Table 11 of the Licence.) Chevron Australia is undertaking monitoring on a monthly basis as part of the routine spot sampling regime in accordance with the applicable Australian/New Zealand standard while it reviews its potential actions.</p>			

Section E – Details of non-compliance with licence condition	
During the reporting period, routine monitoring included pH measurements, and all results were within the Licence limits.	
Was this non-compliance previously reported to DWER?	
No	
<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:	Condition 22	Date(s) of non-compliance:	December 2023 – August 2024
Details of non-compliance:			
<p>Condition 22 requires the submission of a written notification of a non-compliance event, which includes (among other requirements) the relevant sampling date(s) and the results of the relevant investigation.</p> <p>Between December 2023 and June 2024, Chevron Australia submitted six written notifications to DWER to report exceedances of the Faecal Coliforms 12-month rolling average Licence Limit (Condition 19). These notifications were not fully compliant with Condition 22 as they did not contain all of the sample dates used to calculate each 12-month rolling average and they did not contain the full results of the investigation that was conducted.</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 written notifications were inadvertently submitted without some of the details required by Condition 22.			
Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:			
In future, written notifications submitted to notify DWER of a non-compliance with Condition 19 will include all relevant sample dates, and investigation results.			
Was this non-compliance previously reported to DWER?			
No			
<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:	Condition 29	Date(s) of non-compliance:	27/10/2023
Details of non-compliance:			
Condition 29 requires the submission of a written notification of exceedances of environmental quality criteria within 14 days of the receipt of monitoring results. On 12 October 2023, Chevron Australia received confirmation that environmental quality criteria had been exceeded. On 27 October a notification of the exceedances was reported externally to DWER, one day outside the 14-day reporting period required by Condition 29.			
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 written notification was mistakenly submitted one day outside of the required 14-day reporting period.			
Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:			
Responsible personnel were reminded of the importance of meeting reporting deadlines in accordance with the Licence.			
Was this non-compliance previously reported to DWER?			
No			
<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 particular ¹ .			
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:	27/09/2024	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