



## Application for Works Approval Amendment

### Part V Division 3 of the *Environmental Protection Act 1986*

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<b>Works Approval Number</b>	W5671/2014/1
<b>Works Approval Holder</b>	Chevron Australia Pty Ltd
<b>ACN</b>	086 197 757
<b>File Number</b>	DER2014/000680- 1
<b>Premises</b>	LNG Plant Treated Sewage and Liquid Waste Facility  Legal description –  Part of Lots 567 and 569 on Plan 71345  TALANDJI WA 6710  As defined by the coordinates in Schedule 1 of the Revised Works Approval
<b>Date of Report</b>	28 May 2021
<b>Proposed Decision</b>	Revised works approval granted

## 1. Amendment Summary

Works Approval W5671/2014/1 is held by Chevron Australia Pty Ltd (Chevron) for the LNG Plant Treated Sewage and Liquid Waste Facility (the premises), located at the Wheatstone LNG Project.

This Amendment Report documents the amendment made pursuant to section 59(1)(k) of the *Environmental Protection Act 1986* (EP Act). The amendment has been initiated by the Department of Water and Environmental Regulation (the department) to extend the duration of the works approval which expires on 7 June 2021.

The amendment is administrative in nature and does not alter the risk profile of the premises. Emissions associated with existing Premises infrastructure have been previously subject to risk assessment through the original application for a works approval and therefore are not considered in this assessment.

In amending the works approval, the department has considered and given due regard to its Regulatory Framework and relevant policy documents which are available at <https://dwer.wa.gov.au/regulatory-documents>.

## 2. Background

The Wheatstone LNG Project, located 12 km south-west of Onslow, is being developed by Chevron on behalf of its joint venture participants, for the production of liquified natural gas (LNG) and domestic gas (Domgas). Due to the size and complexity of the Project, multiple works approvals and licenses under Part V of the EP Act have been granted to facilitate staged construction, commissioning and operation of the LNG processing facilities and supporting infrastructure.

Chevron holds Works Approval W5671/2014/1 for a category 54: Sewage facility and a category 61: Liquid waste facility premises under the EP Act. The premises includes a Combined Effluent Sump which receives effluent (liquid waste) from a number of sources associated with the Wheatstone LNG Project including brine from reverse osmosis plants, treated effluent from the Construction Village sewage treatment plants (STPs), inlet air humidifier blowdown (from the LNG Plant turbines) and treated effluent from the LNG Plant Primary Treatment System. The effluent streams are comingled in the Combined Effluent Sump and then discharged to the marine environment via a Permanent Marine Outfall (PMO).

The Primary Treatment System operates under the Wheatstone LNG Plant licence L9225/2019/1 and treats potentially contaminated stormwater and process water associated with the LNG Plant by removing hydrocarbons and suspended solids. Treated effluent from the CV STPs was previously discharged to the marine environment via a Temporary Marine Outfall (TMO) in accordance with L8650/2012/1. The TMO was decommissioned following commissioning of the PMO.

On 26 October 2020 Chevron applied for an amendment to the Wheatstone LNG Plant licence L9225/2019/1 to include the Combined Effluent Sump and PMO. The application included an Effluent Quality Validation Report which included the results of monitoring undertaken during validation commissioning of the PMO. Chevron advised that validation commissioning of the PMO was undertaken in accordance with the Permanent Onshore Facilities Waste Water Discharge Plan and that monitoring of wastewater discharges from the PMO will continue to occur in accordance with the plan until a licence is granted.

The department is in the process of assessing the licence amendment application and has sought further monitoring data to support the risk assessment of emissions associated with operation of the Combined Effluent Sump and PMO. To ensure there is sufficient time to complete the assessment of the licence amendment application prior to the works approval expiry, the CEO has initiated an amendment of the works approval to extend the expiry date by

six months.

### 3. Applicant comments

The Works Approval Holder was provided with a draft copy of the amended works approval and draft version of this amendment report on 20 May 2021 and on 27 May 2021 waived the remainder of the consultation period and requested the amendment be issued as soon as possible.

### 4. Decision

Section 63 of the EP Act prescribes that a works approval shall continue in force for such period as is specified in the works approval. Works approval W5671/2014/1 is due to expire on 7 June 2021. The Delegated Officer has determined that extending the works approval expiry date by six months is appropriate on the basis that it will facilitate continued operation of the combined effluent sump and PMO while providing sufficient time to complete the assessment of Chevron's application to include the infrastructure on the Wheatstone LNG Project licence L9225/2019/1. This will include assessment of the monitoring data collected as part of the commissioning of the PMO.

In determining to amend the duration of the Works Approval, the following matters were considered by the Delegated Officer:

- the risks posed by emissions from the premises have not changed since the Works Approval was granted; and
- discharge from the PMO will continue to be managed and monitored in accordance with the *Wheatstone Project: Permanent Onshore Facilities Waste Water Discharge Plan*; and
- extending the duration of the works approval will avoid the Combined Effluent Sump and PMO needing to cease operation until the amendment to include the infrastructure on L9225/2019/1 is granted.

The Delegated Officer has amended works approval W5671/2014/1 in accordance with section 59(1)(k) of the EP Act by extending the expiry date from 7 June 2021 to 7 December 2021.