



## 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>	26 October 2020
<b>Proposed Decision</b>	Revised works approval granted

**Caron Goodbourn**  
**Manager Process Industries**

an officer delegated under section 20 of the *Environmental Protection Act 1986* (WA)

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# 1. Definitions of terms and acronyms

In this Amendment Report, the terms in Table 1 have the meanings defined.

**Table 1: Definitions**

Term	Definition
ACN	Australian Company Number
Amendment Report	refers to this document.
Amended Works Approval	the amended Works Approval issued under Part V, Division 3 of the EP Act following the finalisation of this assessment.
Category/ Categories	Categories of Prescribed Premises as set out in Schedule 1 of the EP Regulations
Delegated Officer	an officer under section 20 of the EP Act.
Department	means the department established under section 35 of the <i>Public Sector Management Act 1994</i> and designated as responsible for the administration of Part V, Division 3 of the EP Act.
DWER	Department of Water and Environmental Regulation.
EPA	Environmental Protection Authority
EP Act	<i>Environmental Protection Act 1986</i> (WA)
EPBC Act	<i>Environment Protection and Biodiversity Conservation Act 1999</i> (Cth)
Existing Works Approval	The Works Approval issued under Part V, Division 3 of the EP Act and in force prior to the commencement of, and during this amendment
LNG	Liquefied Natural Gas
MS	Ministerial Statement
Prescribed Premises	has the same meaning given to that term under the EP Act.
Premises	refers to the premises to which this Decision Report applies, as specified at the front of this Decision Report
STP	Sewage Treatment Plant
Works Approval	means the Works Approval numbered W5671/2014/1 and issued under the EP Act
Works Approval Holder	Chevron Australia Pty Ltd

## 2. Decision 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 and 59(B) of the *Environmental Protection Act 1986* (EP Act). No changes to the aspects of the Existing Works Approval relating to the Categories under which the Works Approval is prescribed have been requested by the Works Approval holder. Emissions associated with existing Premises infrastructure have been previously subject to risk assessment through the Premises Works Approval assessment and therefore are not considered in this assessment.

## 3. Background

Chevron holds Works Approval W5671/2014/1 for a Category 54: Sewage Treatment Premises and a Category 61: Liquid Waste Facility under the EP Act for the LNG Plant Permanent Facilities STP (LNG STP) and marine outfall associated with the Wheatstone LNG Project.

Treated effluent from the LNG STP is combined with brine from a reverse osmosis plant, treated effluent from the Construction Village STP, and treated effluent from the LNG Plant Primary Treatment System, prior to discharging to the Permanent Marine Outfall (PMO). The Primary Treatment System is designed to treat potentially polluted stormwater and process water associated with the LNG and Domestic Gas Plants by removing free oil and suspended solids. Construction of the Primary Treatment System and associated stormwater infrastructure was approved under Works Approval W5584/2013/1.

Treated effluent from the Construction Village (CV) STP, 600 Equivalent Person (EP) STP, and the CV Expansion Camp STP (collectively referred to as CV STPs) is accepted onto the Premises, via the combined effluent sump, for discharge to the marine environment via the Permanent Marine Outfall (PMO). Treated effluent from the CV STPs was previously discharged to the marine environment from the Temporary Marine Outfall (TMO) via the CV effluent sump in accordance with L8650/2012/1 requirements.

Non-sewage wastewater from outside the Premises, including the Primary Treatment System, Reverse Osmosis plants and gas turbine generators and compressors is received at the combined effluent sump and discharged via the PMO.

## 4. Scope of assessment

### 4.1 Regulatory framework

In completing the assessment documented in this Amendment Report, 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>.

### 4.2 Application summary

On 1 September 2020 the Works Approval Holder submitted an application to the department to amend Works Approval W5671/2014/1 to extend the expiry date by six months to 7 June 2021.

Commissioning of STP and PMO is to be undertaken in accordance with the Effluent Quality Validation and Reporting Plan (EQVRP). The EQVRP is designed to deliver outcomes to the objectives outlined in Condition 13-12 of MS 873 and Condition 44a of EPBC 2008/4679 and is described in the *Wheatstone Project: Permanent Onshore Facilities Waste Water Discharge Plan*.

Upon the completion of commissioning and validation monitoring, the CEO requires the Works Approval Holder to submit an application for a licence to operate the associated infrastructure. The licence application is subject to the submission of an Effluent Quality Validation Report (EQVR) detailing the results of commissioning and validation monitoring. The EQVR and licence application is scheduled to be submitted in October 2020. The Works Approval holder recently advised the Department that results of commissioning and validation monitoring indicate that Environmental Quality Objectives (EQOs) and Levels of Ecological Protection (LEPs) established through MS873 are being met.

The amendment is limited to the extension of the Works Approval to allow sufficient time to assess the Licence application. Upon receipt of the application, the Delegated Officer will undertake an assessment of emissions and discharges during operations in accordance with the DWER *Regulatory Framework*. In the interim, management and monitoring of the discharge from the PMO will continue in accordance with the *Wheatstone Project: Permanent Onshore Facilities Waste Water Discharge Plan*.

### 4.3 Works Approval history

Table 2 provides the recent works approval history for the Premises.

**Table 2: Works Approval history**

Instrument	Issued	Details
W5671/2014/1	04/12/2014	Works Approval issued.
W5671/2014/1	14/04/2016	Modifications to the design and location of the permanent ocean outfall diffuser.
W5671/2014/1	25/10/2017	Amendment Notice 1. Amendment to extend the Works Approval by 12 months.
W5671/2014/1	14/11/2018	Transferred to Chevron Australia Pty Ltd.
W5671/2014/1	19/11/2018	Amendment Notice 2. Amendment to extend the Works Approval by 12 months.
W5671/2014/1	27/11/2019	Amendment to extend the Works Approval by 12 months. The amendment includes a CEO initiated amendment as per section 59 of <i>Environmental Protection Act 1986</i> to amalgamate the separately issued amendment notices to the Works Approval.
W5671/2014/1	04/02/2020	Amendment of Works Approval to add Category 61: Liquid Waste Facility
W5671/2014/1	21/10/2020	Works approval holder initiated application to extend the duration of the Works Approval by 6 months.

## 5. Consultation

Table 3 provides a summary of the consultation undertaken by the department.

**Table 3: Consultation**

Consultation method	Comments received	Department response
Works Approval Holder was provided with draft amendment on 2 October 2020	Email received 21 October 2020 No comment	Revised Works Approval issued

## 6. Conclusion

Section 63 of the EP Act prescribes that a works approval shall continue to be in force for such period as is specified in the Works Approval. Works Approval W5671/2014/1 is due to expire on 7 December 2020.

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;
- Discharge from the PMO will continue to be managed and monitored in accordance with the *Wheatstone Project: Permanent Onshore Facilities Waste Water Discharge Plan* to ensure that EQO continue to be achieved; and
- Extending the duration of the Works Approval for a further 6 months will allow sufficient time for the Licence application to be assessed.

## Appendix 1: Application validation summary

SECTION 1: APPLICATION SUMMARY (as updated from validation checklist)					
<b>Application type</b>					
Works approval	<input type="checkbox"/>				
Licence	<input type="checkbox"/>	Relevant works approval number:		None	<input type="checkbox"/>
		Has the works approval been complied with?			Yes <input type="checkbox"/> No <input type="checkbox"/>
		Has time limited operations under the works approval demonstrated acceptable operations?			Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
		Environmental Compliance Report / Critical Containment Infrastructure Report submitted?			Yes <input type="checkbox"/> No <input type="checkbox"/>
		Date Report received:			
Renewal	<input type="checkbox"/>	Current licence number:			
Amendment to works approval	<input checked="" type="checkbox"/>	Current works approval number:	W5671/2014/1		
Amendment to licence	<input type="checkbox"/>	Current licence number:			
		Relevant works approval number:		N/A	<input type="checkbox"/>
Registration	<input type="checkbox"/>	Current works approval number:		None	<input type="checkbox"/>
Date application received		01/09/20			
<b>Applicant and Premises details</b>					
Applicant name/s (full legal name/s)		Chevron Australia Pty Ltd			
Premises name		LNG Plant Treated Sewage and Liquid Waste Facility			
Premises location		Part of Lots 567 and 569 on Plan 71345 Talandji WA 6710			
Local Government Authority		Shire of Ashburton			
<b>Application documents</b>					
HPCM file reference number:		DER2014/00680-1~7			
Key application documents (additional to application form):		None			
<b>Scope of application/assessment</b>					
Summary of proposed activities or changes to existing operations.		<p>Extension of works approval expiry date by six months to 07/06/2021 to:</p> <p>a) continue discharging wastewaters from the Permanent Marine Outfall (PMO) under W5671/2014/1 until a Part V Licence is in place; and</p> <p>b) allow sufficient time for a Part V Licence application to be processed and approved by DWER for the ongoing operational discharge of wastewaters from the PMO.</p>			

Category number/s (activities that cause the premises to become prescribed premises)

Table 1: Prescribed premises categories

Prescribed premises category and description	Assessed production or design capacity	Proposed changes to the production or design capacity (amendments only)
Category 54: Sewage facility: premises- (a) on which sewage is treated (excluding septic tanks); or from which treated sewage is discharged onto land or into waters.	816 m <sup>3</sup> / day	N/A
Category 61: Liquid waste facility: premises on which liquid waste produced on other premises (other than sewerage waste) is stored, reprocessed, treated or irrigated.	1,736,315 tonnes per year	N/A

**Legislative context and other approvals**

Has the applicant referred, or do they intend to refer, their proposal to the EPA under Part IV of the EP Act as a significant proposal?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Referral decision No: Managed under Part V <input type="checkbox"/> Assessed under Part IV <input checked="" type="checkbox"/>
Does the applicant hold any existing Part IV Ministerial Statements relevant to the application?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Ministerial statement No: 873 EPA Report No: 1404
Has the proposal been referred and/or assessed under the EPBC Act?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Reference No: 208/4469
Has the applicant demonstrated occupancy (proof of occupier status)?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Certificate of title <input checked="" type="checkbox"/> General lease <input type="checkbox"/> Expiry: Mining lease / tenement <input type="checkbox"/> Expiry: Other evidence <input type="checkbox"/> Expiry:
Has the applicant obtained all relevant planning approvals?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Approval: Expiry date: If N/A explain why?
Has the applicant applied for, or have an existing EP Act clearing permit in relation to this proposal?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	CPS No: N/A No clearing is proposed.
Has the applicant applied for, or have an existing CAWS Act clearing licence in relation to this proposal?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Application reference No: N/A Licence/permit No: N/A No clearing is proposed.

Has the applicant applied for, or have an existing RIWI Act licence or permit in relation to this proposal?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Application reference No: Licence/permit No: Licence / permit not required.
Does the proposal involve a discharge of waste into a designated area (as defined in section 57 of the EP Act)?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Name: N/A Type: Has Regulatory Services (Water) been consulted? Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/> Regional office:
Is the Premises situated in a Public Drinking Water Source Area (PDWSA)?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Name: N/A Priority: N/A Are the proposed activities/ landuse compatible with the PDWSA (refer to <a href="#">WQPN 25</a> )? Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
Is the Premises subject to any other Acts or subsidiary regulations (e.g. <i>Dangerous Goods Safety Act 2004</i> , <i>Environmental Protection (Controlled Waste) Regulations 2004</i> , <i>State Agreement Act xxxx</i> )	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Is the Premises within an Environmental Protection Policy (EPP) Area?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	N/A
Is the Premises subject to any EPP requirements?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	N/A
Is the Premises a known or suspected contaminated site under the <i>Contaminated Sites Act 2003</i> ?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Classification: N/A Date of classification: N/A