



Application for Works Approval Amendment

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

Works approval number	W5584/2014/1
Works approval holder	Chevron Australia Pty Ltd
ACN	086 197 757
DWER file number	2013/004020-2
Premises	LNG and Domgas Plant Part of Lot 238 on Deposited Plan 195206 and Part Lots 567 and 569 on Deposited Plan 71345 TALANDJI WA 6710 As defined by the coordinates in Schedule 2 of the works approval
Date of report	21 April 2021
Proposed Decision	Revised works approval granted

Clarrie Green
A/Manager, Process Industries

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

1. Decision summary

The Delegated Officer has determined to make amendments to works approval W5584/2014/1. The amendments are administrative in nature therefore they do not alter the risk profile of the premises, providing that activities, emissions and receptors as stated in existing approvals remain unchanged.

This Amendment Report documents the amendments made pursuant to section 59 and 59(B) of the *Environmental Protection Act 1986* (EP Act).

2. Scope of assessment

2.1 Regulatory framework

In amending the works approval the Department of Water and Environmental Regulation (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>.

2.2 Amendment summary

Works approval W5584/2014/1 is held by Chevron Australia Pty Ltd (works approval holder, Chevron) for the Wheatstone LNG and Domgas Plant (the premises), located approximately 12 kilometres south west of Onslow, Western Australia.

The premises relates to the categories and the assessed production capacity under Schedule 1 of the *Environmental Protection Regulations 1987* (EP Regulations) which are defined in works approval W5584/2014/1.

On 15 February 2021, the works approval holder submitted an application to the department to amend works approval W5584/2014/1 under section 59B of the *Environmental Protection Act 1986* (EP Act). The amendment application seeks to extend the works approval expiry date to allow time for completion of the assessment of a licence amendment application to include remaining infrastructure constructed and commissioned under the works approval on the Wheatstone LNG Project licence L9225/20219/1.

2.2.1 Background

Works approval W5584/2014/1 authorises the staged construction and commissioning of:

- an LNG Plant including two LNG processing trains;
- a domestic gas (Domgas) plant consisting of a single processing train;
- utilities including fuel gas and recycle gas turbine, power generation, heating media systems, flares and vents, diesel storage and refrigerant storage;
- stormwater drainage; and
- other supporting facilities such as fire and gas protection, air and water systems, turbine inlet, air humidification and nitrogen systems

Construction and commissioning of the works authorised by W5584/2014/1 were separated into three stages. Stages one and two have been completed and are operating under Wheatstone LNG Project licence L9225/2019/1; issued on 31 July 2020. Stages one and two included the two LNG processing trains, utilities, stormwater drainage and support facilities. Stage three works authorised by W5584/2014/1 relate to the Domgas plant and ancillary facilities.

In November 2020, the works approval holder notified the department that commissioning of the stage three works under W5584/2014/1 was complete. In December 2020, the works approval holder submitted an amendment application to include the Domgas plant on the Wheatstone LNG Project licence L9225/2019/1.

An appeal was received against the conditions of licence L9225/2019/1 in August 2020 which has not yet been determined by the Minister for Environment. As the grounds of the appeal relate to the regulation of air emissions, the Delegated Officer accepted the amendment application to include the Domgas plant on L9225/2019/1, but decided to suspend the assessment of the application pending the determination of the appeal by the Minister.

To ensure there is sufficient time for the L9225/2019/1 appeal determination and to assess the licence amendment application to include the Domgas plant on the licence, the works approval holder has requested a twelve month extension to the works approval expiry date to allow the Domgas plant to continue to operate.

3. Consultation

The works approval holder was provided with the draft Amendment Report on 15 April 2021. The works approval holder sought, and was provided with, clarification of the amendment relating to operation of the Domgas plant on 20 April 2021. On 21 April 2021 the works approval holder waived the comment period.

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 W5584/2014/1 is due to expire on 27 April 2021. The Delegated Officer has determined that extending the works approval expiry date by twelve months is appropriate on the basis that it will facilitate continued operation of Domgas plant while providing sufficient time for; the appeal against L9225/2019/1 to be determined, and to complete the assessment of Chevron's amendment application to include the Domgas plant on the licence.

The Delegated Officer reviewed the works approval and determined that operation of the Domgas plant and ancillary facilities is not explicitly authorised by the works approval conditions. The Delegated Officer therefore deemed it appropriate to include a condition in the works approval authorising the operation of this infrastructure to ensure continued operation after commissioning is authorised, and is conducted in accordance with the commissioning plan, determined by the Delegated Officer in February 2018, to satisfy the requirements of the original works approval.

In determining to extend the duration of the works approval and authorise the operation of the Domgas plant and ancillary facilities, the following matters were considered by the Delegated Officer:

- stage 1 and 2 infrastructure constructed and commissioned under W5584/2014/1 is authorised to operate under licence L9225/2019/1, therefore only the Domgas plant and ancillary facilities (stage 3) remain relevant to the works approval;
- the risks posed by emissions and discharges from the Domgas plant and ancillary facilities were assessed for the grant of W5584/2014/1, and have not changed since the works approval was granted;
- operation of the Domgas plant and ancillary infrastructure should be undertaken in accordance with the premises commissioning plan submitted and approved under condition 2.1.1. of W5584/2014/1 as the plan identifies emissions and discharges relevant to the operation of the infrastructure, and specifies appropriate management measures and monitoring associated with these;
- the department is able to request results of monitoring undertaken during the period of operation of the Domgas plant and ancillary infrastructure under W5584/2014/1 to inform the assessment of the licence amendment application for L9225/2019/1; and
- authorising operation of the Domgas plant and ancillary infrastructure under

W5584/2014/1 aligns with the department's regulatory framework which identifies that a works approval may authorise an operational period for the purpose of transitioning to a licensed premises.

The Delegated Officer has amended works approval W5584/2014/1 in accordance with section 59(1) of the EP Act by:

- extending the expiry date from 27 April 2021 to 27 April 2022;
- including condition 1.2.5 authorising operation of the Domgas plant and ancillary facilities for a period from the completion of commissioning to the expiry of the works approval;
- amending 2.1.1 IR2 to require operation of the Domgas plant and ancillary facilities to be undertaken in accordance with the approved commissioning plan which specifies management measures and monitoring associated with emissions and discharges from the infrastructure; and
- making minor corrections to definitions for premises, schedule and works approval holder.