



Works approval number	W5671/2014/1
Works approval holder	Chevron Australia Pty Ltd
ACN	086 197 757
Registered business address	140 St Georges Terrace PERTH WA 6000
DWER file number	DER2014/000680-1
Duration	04/12/2014 to 7/06/2022
Date of amendment	18 November 2021
Premises details	LNG Plant Treated Sewage and Liquid Waste Facility Legal description - Part of Lots 567 and 569 on Plan 71345 TALANDJI WA 6710 As defined in Schedule 1

Prescribed premises category description (Schedule 1, <i>Environmental Protection Regulations 1987</i>)	Assessed production capacity
Category 54: Sewage treatment premises	816 m ³ per day
Category 61: Liquid waste facility	1,736,315 tonnes per year

This revised works approval is granted to the works approval holder, subject to the attached conditions, on 18 November 2021, by:

Manager, Process Industries

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

Works approval history

Date issued	Reference number	Summary of changes
04/12/2014	W5671/2014/1	Works Approval issued.
14/04/2016	W5671/2014/1	Modifications to the design and location of the permanent ocean outfall diffuser.
25/10/2017	W5671/2014/1	Amendment Notice 1 - Amendment to extend the Works Approval by 12 months.
14/11/2018	W5671/2014/1	Transferred to Chevron Australia Pty Ltd.
19/11/2018	W5671/2014/1	Amendment Notice 2 - Amendment to extend the Works Approval by 12 months.
27/11/2019	W5671/2014/1	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.
04/02/2020	W5671/2014/1	Amendment of Works Approval to add Category 61: Liquid Waste Facility
21/10/2020	W5671/2014/1	Works approval holder initiated application to extend the duration of the Works Approval by 6 months.
28/05/2021	W5671/2014/1	Department initiated six month extension of the works approval duration to allow time for assessment of a licence amendment application for the permanent marine outfall.
18/11/2021	W5671/2014/1	Department initiated six month extension of the works approval duration to allow time to complete the assessment of a licence amendment application for the permanent marine outfall.

Works Approval Conditions

1 General

1.1 Interpretation

1.1.1 In the Works Approval, definitions from the *Environmental Protection Act 1986* apply unless the contrary intention appears.

1.1.2 In the Works Approval, unless the contrary intention appears:

‘Act’ means the *Environmental Protection Act 1986*;

‘annual period’ means the inclusive period from 1 July until 30 June in the following year;

‘CEO’ means the Chief Executive Officer for the Department of Water and Environmental Regulation;

‘CEO’ for the purpose of correspondence means:

Chief Executive Officer
Department Administering the *Environmental Protection Act 1986*
Locked Bag 10
JOONDALUP DC WA 6027
Telephone: (08) 6367 7000
Facsimile: (08) 6367 7001
Email: info@dwer.wa.gov.au

‘Commissioning’ means the process of operation and testing that verifies the works and all relevant systems, plant, machinery and equipment have been installed and are performing in accordance with the design specification set out in the works approval application;

‘Construction Village STPs’ means the Construction Village STP, 600 Equivalent Person STP, and the CV Expansion Camp STP;

‘Premises’ means the area defined in the Premises Map in Schedule 1 and listed as the Premises address on page 1 of the Works Approval;

‘Permanent Onshore Facilities Waste Water Discharge Plan’ means the latest version of the Wheatstone Project Permanent Onshore Facilities Waste Water Discharge Plan, Chevron Australia Pty Ltd (Document Reference: WSO-0000-HES-PLN-CVX-000-00102-000), as approved by the Office of the Environmental Protection Authority under Ministerial Statement 873;

‘Schedule 1’ means Schedule 1 of this Works Approval unless otherwise stated;

‘STP’ means sewage treatment plant;

‘validation commissioning’ means water quality monitoring to be conducted as per Section 7.5 of the Permanent Onshore Facilities Waste Water Discharge Plan after commissioning is deemed complete in order to verify the discharge within the 70m mixing zone is representative of the system design specifications;

‘Works Approval’ means this Works Approval numbered W5671/2014/1 and issued under the Act; and

‘Works Approval Holder’ means the person or organisation named as the Works Approval Holder on page 1 of the Works Approval.

- 1.1.3 Any reference to an Australian or other standard in the Works Approval means the relevant parts of the standard in force from time to time during the term of this Works Approval.
- 1.1.4 Any reference to a guideline or code of practice in the Works Approval means the current version of the guideline or code of practice in force from time to time, and shall include any amendments or replacements to that guidelines or code of practice made during the term of this Works Approval.

1.2 General conditions

- 1.2.1 The Works Approval Holder shall construct the works in accordance with the documentation detailed in Table 1.2.1.

Table 1.2.1: Construction Requirements¹

Document	Parts	Date of Document
Works Approval Application for Permanent Sewage Treatment Plant – Wheatstone Project LNG Plant (Reference 506-237)	All including attachments	7 March 2014
Works Approval Application for LNG Plant Permanent Sewage Treatment Plant – Wheatstone Project LNG Plant – Response to the DER Queries (Part 1) (Reference 506-286)	All including attachments	18 July 2014
Works Approval Application for LNG Plant Permanent Sewage Treatment Plant – Wheatstone Project LNG Plant – Response to the DER Queries (2 nd Round - Part 1) (Reference 506-300)	All including attachments	10 September 2014
Works Approval Application for LNG Plant Permanent Sewage Treatment Plant – Wheatstone Project LNG Plant – Response to the DER Queries (3 rd Round) (Reference 506-314)	All including attachments	14 October 2014
Email correspondence titled “RE: LNG Plant Permanent STP Draft Works Approval”, received from Gabrielle Wilhelm (Bechtel (Western Australia) Pty Ltd)	All including attachments	28 November 2014
Wheatstone Project LNG Plant – Permanent Sewage Treatment Plant Works Approval W5671/2014/1 Amendment Application (Reference WS1-0000-RGL-PMT-BEC-000-00504-000-0)	All including attachments	1 December 2015
Permanent Onshore Facilities Waste Water Discharge Plan (Rev 3B) (Reference WS0-0000-HES-LET-CVX-000-00102-000)	All including attachments	27 November 2015

Note 1: Where the details and commitments of the documents listed in condition 1.2.1 are inconsistent with any other condition of this works approval, the conditions of this works approval shall prevail.

- 1.2.2 The Works Approval Holder shall commission the works for a period not exceeding three months post-introduction of the final effluent stream into the combined effluent sump.

- 1.2.3 The Works Approval Holder shall, following the completion of the commissioning, undertake validation commissioning in accordance with the Permanent Onshore Facilities Waste Water Discharge Plan.

1.3 Premises operation

- 1.3.1 The Works Approval Holder shall maintain the freeboard in the Combined Effluent Sump such that it is equal to, or greater than, 300mm.

2 Emissions

- 2.1.1 The Works Approval Holder shall ensure that where waste is emitted to surface water from the emission points in Table 2.1.1 and identified on the premises map in Schedule 1 it is done so in accordance with the conditions of this Works Approval.

Table 2.1.1: Emission points to surface water

Emission point reference and location on premises map	Description	Source including abatement
Combined Effluent Sump	Discharge pipe from the Combined Effluent Sump to the marine outfall diffuser	Wastewater streams as per the Permanent Onshore Facilities Waste Water Discharge Plan, including treated effluent from the Construction Village STPs, and process effluent from the Primary Treatment System, inlet air humidifier blowdown from gas turbine generators and compressors, and Reverse Osmosis Plant rejects.

3 Information

3.1 Reporting

- 3.1.1 The Works Approval Holder shall submit a compliance document to the CEO following the construction of the works and prior to commissioning of the same.
- 3.1.2 The compliance document shall:
- (a) certify that the works were constructed in accordance with the conditions of the works approval; and
 - (b) be signed by a person authorised to represent the Works Approval Holder and contain the printed name and position of that person within the company.

3.2 Notification

- 3.2.1 The Works Approval Holder shall ensure that the parameters listed in Table 3.2.1 are notified to the CEO and are in accordance with the notification requirements of the table.

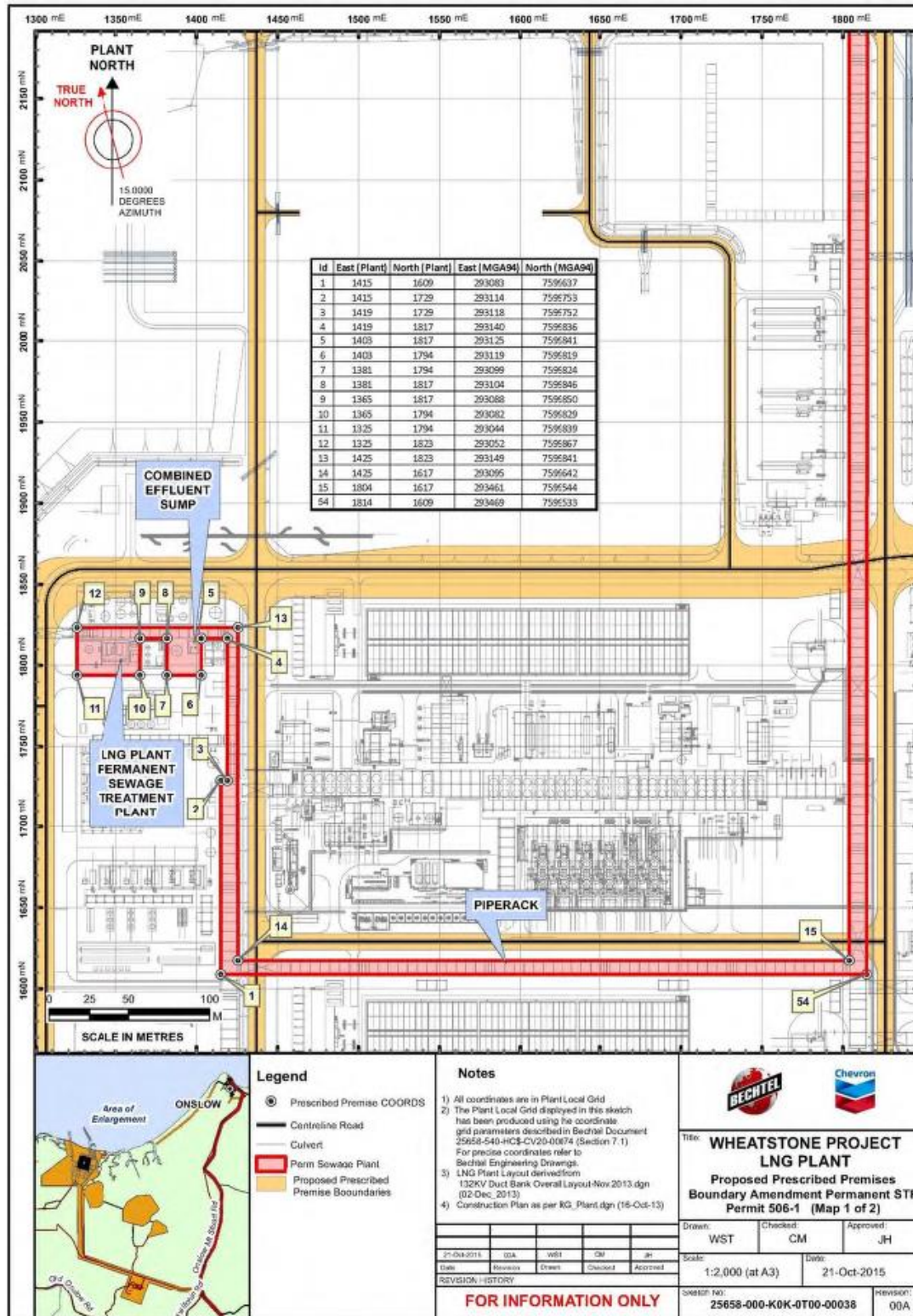
Table 3.2.1: Notification requirements

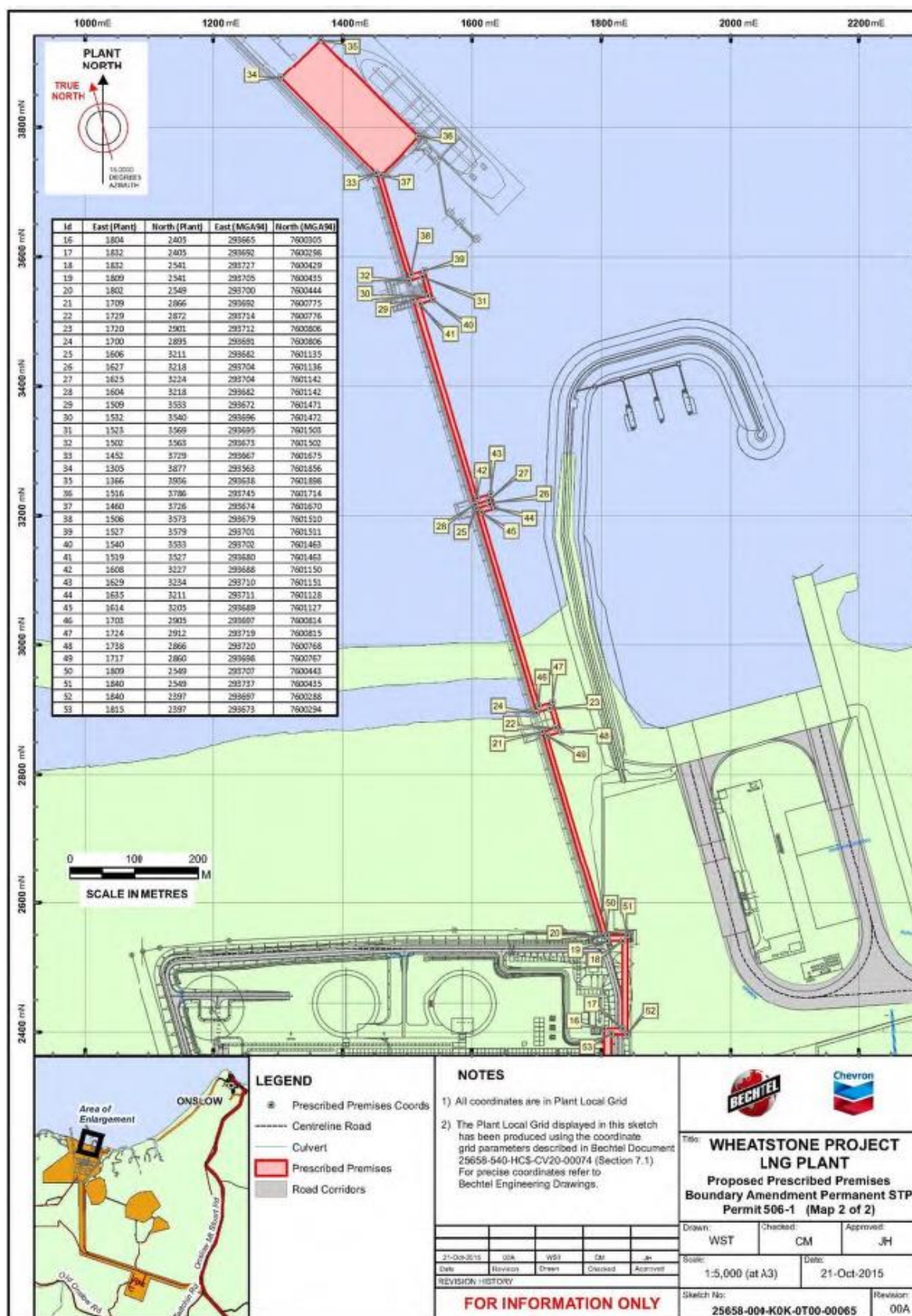
Condition or table (if relevant)	Parameter	Notification requirement	Format or form
1.2.2	Commencement of commissioning	At least 7 days prior to start	None specified
	Completion of commissioning	Within 7 days after completion	
1.2.3	Commencement of validation commissioning	At least 7 days prior to start	
	Completion of validation commissioning	Within 7 days after completion	

Schedule 1: Maps

Premises map

The Premises is shown in the maps below. The red line depicts the Premises boundary.





Schedule 2: Prescribed Premises

Category number	Category description	Category production or design capacity	Approved premises production or design capacity
54	Sewage facility: premises – (a) on which sewage is treated (excluding septic tanks); or (b) from which treated sewage is discharged onto land or into waters.	100 cubic metres or more per day	816 cubic metres per day
61	Liquid waste facility: premises on which liquid waste produced on other premises (other than sewage waste) is stored, reprocessed, treated or irrigated.	100 tonnes or more per year	1,736,315 tonnes per year