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Published on: 20 October 2022

Statement No. 1198

**STATEMENT TO AMEND THE IMPLEMENTATION CONDITIONS APPLYING TO
A PROPOSAL**

(Section 46 of the *Environmental Protection Act 1986*)

**GORGON GAS DEVELOPMENT REVISED AND EXPANDED PROPOSAL:
BARROW ISLAND NATURE RESERVE**

Proposal: The construction of facilities for the development of the Greater Gorgon Gas Fields on the North-West Shelf, and the processing and export of the gas at a liquefied natural gas plant to be constructed on Barrow Island, as more generally described in the Draft Environmental Impact Statement / Environmental Review and Management Programme for the Proposed Gorgon Development, the Final Environmental Impact Statement/ Response to Submissions on the Environmental Review and Management Programme; as amended under Section 45C; and as expanded and revised in the Public Environmental Review for the Gorgon Gas Development Revised and Expanded Proposal and the Response to Submissions: Gorgon Gas Development Revised and Expanded Proposal, Public Environmental Review.

Proponent: Chevron Australia Pty Ltd
Australian Company Number: 086 197 757

Proponent address: QV1 Building, 250 St Georges Terrace, Perth WA 6000

Report of the Environmental Protection Authority: 1729

Preceding Statement/s relating to this proposal: 748, 769, 800, 865, 965, 1002,
and 1136

Pursuant to Section 45 of the *Environmental Protection Act 1986*, as applied by section 46(8), it has been agreed that the implementation conditions set out in Ministerial Statement No. 800, be amended as specified in this Statement.

Condition 5 of Ministerial Statement 800 is deleted and replaced with:

5 Environmental Performance Reporting

- 5.1 The Proponent shall submit annually to the Minister an Environmental Performance Report covering the topics listed in condition 5.2, and the specific details shown in Schedule 3, covering the previous 12-month period as determined by the Minister. The date of the first Environmental Performance Report (the Report) shall be fifteen (15) months from the date of this Statement with each subsequent report twelve (12) months from the date of the previous report.
- 5.2 The Report shall cover the following topics:
- (a) Terrestrial and subterranean environment state;
 - (b) Terrestrial and marine quarantine (including weed management);
 - (c) Marine turtles (including light and noise management);
 - (d) Short range endemics and subterranean fauna;
 - (e) Fire management;
 - (f) Air quality;
 - (g) Coastal stability; and
 - (h) Terrestrial rehabilitation.

Condition 26 of Ministerial Statement 800 is deleted and replaced with:

26 Reservoir Carbon Dioxide Injection System

- 26.1 The proponent must:
- (a) implement all practicable means to inject underground all **Reservoir Carbon Dioxide**;
 - (b) implement all measures that are necessary to achieve, and which are reasonably available and/or able to be implemented, the injection underground of at least 80 per cent of **Reservoir Carbon Dioxide** during the periods referred to in condition 26.2, which includes:
 - i. the ongoing investigation of any constraints associated with injecting **Reservoir Carbon Dioxide** into the Dupuy geological formation;
 - ii. the adoption of technologies that are reasonably available to be safely adopted;

- iii. maintaining the **Reservoir Carbon Dioxide Injection System** in good working order,

and which, for the avoidance of doubt:

- iv. does not require the implementation of a measure that would result in non-compliance with another condition of this Statement.

26.2 The following periods apply for the purposes of condition 26.1:

- (a) the period commencing on the date of this Statement and ending 30 June 2025; and
- (b) every following five (5) year period until the proposal is fully implemented.

26.3 The proponent will not be taken to have complied with condition 26.1(a) or condition 26.1(b) for a particular period unless it has provided to the **CEO** a report for the relevant period as required by condition 27.3(1).

26.4 The proponent must offset the quantity of **Reservoir Carbon Dioxide** that was not injected underground.

26.5 For the purposes of condition 26.4, **Reservoir Carbon Dioxide** is offset for a period by the quantity of **GHG Emissions** represented by:

- (a) the amount of **Authorised Offsets** that meet the **Timing and Reporting Requirements**; and/or
- (b) the amount of **Non-Reservoir GHG Emissions** that have been avoided or reduced through a **Certified Improvement**.

Condition 27 of Ministerial Statement 800 is deleted and replaced with:

27 Greenhouse Gas Management Plan

27.1 Subject to condition 27.2, the proponent shall take measures to ensure that **Net GHG Emissions** do not exceed:

- (a) 5,220,000 tonnes of **CO₂-e** / year for the period until 30 June 2030;
- (b) 4,250,000 tonnes of **CO₂-e** / year for the period between 1 July 2030 and 30 June 2035;
- (c) 3,220,000 tonnes of **CO₂-e** / year for the period between 1 July 2035 and 30 June 2040;
- (d) 2,120,000 tonnes of **CO₂-e** / year for the period between 1 July 2040 and 30 June 2045;
- (e) 1,090,000 tonnes of **CO₂-e** / year for the period between 1 July 2045 and 30 June 2050; and in any event; and

- (f) zero tonnes of **CO₂-e** / year for every five year period from 1 July 2050 onwards.
- 27.2 The proponent shall submit a report to the **CEO** each year by 31 March, commencing on the first 31 March after the date of this Statement, verifying for the previous financial year:
- (a) the quantity of **Proposal GHG Emissions, Reservoir Carbon Dioxide, and Non-Reservoir GHG Emissions**;
 - (b) the quantity of **Reservoir Carbon Dioxide** that has been injected underground in accordance with condition 26;
 - (c) the number of terajoules of gas processed at the proposal facility;
 - (d) the number of terajoules of gas produced from the proposal facility determined in accordance with **NGER Item 30(1)**; and
 - (e) **Proposal GHG Emissions Intensity** and **Non-Reservoir GHG Emissions Intensity**, including calculations and calculation methodology for each.
- 27.3 The proponent shall submit to the **CEO** by 31 March 2026, and every fifth 31 March thereafter:
- (1) a consolidated report specifying:
 - (a) for each of the preceding five (5) financial years, the matters referred to in conditions 27.2(a) to 27.2(e);
 - (b) for the period comprising five (5) financial years which ended on 30 June in the year before the report is due:
 - i. the quantity of **Reservoir Carbon Dioxide** that has been injected underground in accordance with condition 26;
 - ii. the amount of **Non-Reservoir GHG Emissions** that have been avoided or reduced through a **Certified Improvement**, including describing the **Certified Improvement** that caused the avoidance or reduction;
 - iii. the type, quantity, identification or serial number, and date of retirement or cancellation of any **Authorised Offsets** which have been retired or cancelled, including written evidence of such retirement or cancellation;
 - iv. the progress towards meeting the interim and long-term reduction targets for **Proposal GHG Emissions** as specified in the **Greenhouse Gas Management Plan**;

- v. any measures that have been implemented to avoid or reduce **Proposal GHG Emissions**;
 - vi. identifies any shortfall in injection of **Reservoir Carbon Dioxide**;
 - vii. identifies the periods when **Reservoir Carbon Dioxide** was not injected underground, and the corresponding quantities that was not injected underground during those periods;
 - viii. identifies, quantifies, and establishes the shortfall that complies with conditions 26.1(a) and 26.1(b) and identifies and justifies the reasons why the shortfall complies;
 - ix. identifies any additional measures that could be implemented in the future to ensure that at least 80 per cent of **Reservoir Carbon Dioxide** is injected underground (if any) and the timeframe for implementation of those measures; and
 - x. contains recorded data sets from which the information referred to in conditions 27.3(1)(b)i to 27.3(1)(b)viii was derived in Excel format or some other format approved by the **CEO**.
- (2) a report of a peer review carried out by an independent person or independent persons with suitable technical expertise to review the matters referred to in conditions 27.3(1)(b)i to 27.3(1)(b)x which includes a review of the suitability of the methodology used to review the matters set out in the report, whether the report is accurate and whether the report is supported by any credible evidence.
- (3) a report if the proponent has not injected underground 80 per cent of **Reservoir Carbon Dioxide** that:
- i. specifies the measures it implemented to comply with condition 26.1;
 - ii. why those steps were insufficient to ensure that 80 per cent of **Reservoir Carbon Dioxide** was injected underground for the relevant period;
 - iii. any additional measures that could be taken into the future to ensure at least 80 per cent of **Reservoir Carbon Dioxide** is injected underground; and
 - iv. which of the measures in condition iii the proponent intends to take and a timeframe for the taking of those measures.

- (4) a report of a peer review carried out by an independent person or independent persons with suitable technical expertise to review the matters referred to in conditions 27.3(3)i to 27.3(3)iii.
- 27.4 Subject to, and to the extent that it is consistent with the achievement of the limits in, or the achievement of emissions reductions beyond those required by condition 27.1 or condition 27.2, the proponent shall implement:
- (a) The Gorgon Gas Treatment Plant Greenhouse Gas Management Plan (ABU220200238, Revision 2.0) dated 17 August 2022; or
 - (b) if that plan has been revised, the latest version of the plan that the **CEO** has confirmed in writing meets the requirements of condition 27.7.
- 27.5 A summary document comprising of a summary plan and progress statement outlining key information from the **Greenhouse Gas Management Plan** (and reports to that time) must be submitted to the **CEO** every five (5) years as per condition 27.3 and also if the **Greenhouse Gas Management Plan** is revised under condition 27.6. The summary must include:
- (a) a graphical comparison of **Proposal GHG Emissions** reduction commitments in the **Greenhouse Gas Management Plan** to achieve the required reduction in **Proposal GHG Emissions** by 2030 and net-zero **Proposal GHG Emissions** by 2050 with 'actual' **Proposal GHG Emissions** for compliance periods;
 - (b) proposal performance against benchmarking for comparable facilities;
 - (c) **Proposal GHG Emissions Intensity** and **Non-Reservoir GHG Emissions Intensity**;
 - (d) a summary of emission reduction measures undertaken by the proponent; and
 - (e) a clear statement as to whether interim targets have been achieved.
- 27.6 The proponent:
- (a) may revise a **Greenhouse Gas Management Plan** at any time;
 - (b) must revise the **Greenhouse Gas Management Plan** if there is a change to the proposal which means that there is a material risk that condition 27.1 will not be achieved;
 - (c) must revise the **Greenhouse Gas Management Plan** at least every five years to align with the five (5) yearly reporting requirements specified in condition 27.3;
 - (d) must revise a **Greenhouse Gas Management Plan** if directed to by the **CEO**, within the time specified by the **CEO**;

- (e) must revise the Gorgon Gas Treatment Plant Greenhouse Gas Management Plan (ABU220200238, Revision 2.0) dated 17 August 2022 as required by condition 27.7; and
- (f) with any revision, must prepare a summary of the **Greenhouse Gas Management Plan** which includes a summary of the matters in condition 27.7.

27.7 Within six (6) months of the date of this Statement, the proponent shall submit a revised **Greenhouse Gas Management Plan** referred to in condition 27.6 to the **CEO** that:

- (a) is consistent with the achievement of the limits in, or the achievement of emissions reductions beyond those required by condition 27.1, and with the other requirements of condition 27;
- (b) specifies the estimated **Proposal GHG Emissions, Reservoir Carbon Dioxide, Non-Reservoir GHG Emissions, Proposal GHG Emissions Intensity** and **Non-Reservoir GHG Emissions Intensity** for the remainder of the life of the proposal;
- (c) includes comparison of each of the estimated **Proposal GHG Emissions** and **Proposal GHG Emissions Intensity** figures referred to in condition 27.7(b) for the remainder of the life of the proposal against other comparable projects;
- (d) specifies the estimated number of terajoules of gas to be processed at the proposal facility for the remainder of the life of the proposal;
- (e) specifies the estimated number of terajoules of gas to be produced at the proposal facility as determined in accordance with **NGER Item 30(1)** for the remainder of the life of the proposal;
- (f) includes where practicable, the adoption of advances in technology and operational processes that the proponent will implement to avoid, reduce, and/or offset **Proposal GHG Emissions, Reservoir Carbon Dioxide** or **Non-Reservoir GHG Emissions**, and/or reduce **Proposal GHG Emissions Intensity**;
- (g) specifies interim and long-term targets for avoiding, reducing and/or offsetting **Proposal GHG Emissions**; and
- (h) provides for a program for the future review of the plan to:
 - i. assess the effectiveness of the advances in technology and operational processes referred to in condition 27.7(f); and
 - ii. identify and describe options for future advances in technology and operational processes that the proponent may or could

implement to avoid, reduce and/or offset **Proposal GHG Emissions, Reservoir Carbon Dioxide or Non-Reservoir GHG Emissions**, and/or reduce **Proposal GHG Emissions Intensity**.

27.8 For the life of the proposal, the proponent shall make all **Greenhouse Gas Management Plans** and the reports (including summary plans and progress statements) publicly available within the specified timeframes on the proponent's website for the life of the proposal, or in any other manner specified by the **CEO**, within a time specified by the **CEO**:

- (a) the **Greenhouse Gas Management Plan** referred to in condition 27.4(a) within two (2) weeks of the issue of the Statement;
- (b) the revised **Greenhouse Gas Management Plan** referred to in condition 27.7 and summary plan referred to in condition 27.6(f) within two (2) weeks of receiving confirmation from the **CEO** as referred to in condition 27.4(b);
- (c) the report referred to in condition 27.2 within two (2) weeks of submitting a relevant report to the **CEO**;
- (d) the reports, summary plans and progress statements referred to in conditions 27.3 and 27.5 within two (2) weeks of submitting the relevant reports, summary statements and progress reports to the **CEO**; and
- (e) any revised **Greenhouse Gas Management Plan** referred to in condition 27.6 and the summary plan referred to in condition 27.6(f) within two (2) weeks of receiving confirmation from the **CEO** as referred to in condition 27.4(b).

[signed on 19 October 2022]

Hon Reece Whitby MLA

MINISTER FOR ENVIRONMENT; CLIMATE ACTION

Affected decision-making authority consulted under section 46(8A):

Minister for Mines and Petroleum

Abbreviations and definitions

Acronym or Abbreviation	Definition or Term
Authorised Offsets	<p>Units representing GHG Emissions issued under one of the following schemes and cancelled or retired in accordance with any rules applicable at the relevant time governing the cancellation or retiring of units of that kind:</p> <ul style="list-style-type: none"> (a) Australian Carbon Credit Units issued under the <i>Carbon Credits (Carbon Farming Initiative) Act 2011</i> (Cth); (b) Verified Emission Reductions issued under the Gold Standard program; (c) Verified Carbon Units issued under the Verified Carbon Standard program; or (d) other offset units that the Minister has notified the proponent in writing meet integrity principles and are based on clear, enforceable and accountable methods.
CEO	The Chief Executive Officer of the Department of the Public Service of the State responsible for the administration of section 48 of the <i>Environmental Protection Act 1986</i> , or their delegate.
Certified Improvement	<p>An improvement to technology and/or processes approved in writing by the CEO as an improvement that was or would be unlikely to occur in the ordinary implementation of the proposal (disregarding the effect of these conditions), and which is the subject of a report that:</p> <ul style="list-style-type: none"> (a) describes the improvement; (b) demonstrates that the improvement was or would be unlikely to occur in the ordinary implementation of the proposal (disregarding the effect of these conditions); and (c) has been reviewed by a suitably qualified peer reviewer, who has been approved by the CEO, and who confirms that he or she agrees with the conclusions set out in the report.
CO₂-e	Carbon dioxide equivalent.
Greenhouse Gas or GHG	Has the meaning given by section 7A of the <i>National Greenhouse and Energy Reporting Act 2007</i> (Cth) or, if that definition is amended or repealed, the meaning set out in an Act, regulation or instrument concerning greenhouse gases as specified by the Minister.
GHG Emissions or CO₂-e	Greenhouse gas emissions expressed in tonnes of carbon dioxide equivalent (CO₂-e) as calculated in accordance with the definition of 'carbon dioxide equivalence' in section 7 of the <i>National Greenhouse and Energy Reporting Act 2007</i> (Cth), or, if that definition is amended or repealed, the meaning set out in an Act, regulation or instrument concerning greenhouse gases as specified by the Minister.

Acronym or Abbreviation	Definition or Term
Greenhouse Gas Management Plan	<i>Gorgon Gas Treatment Plant Greenhouse Gas Management Plan</i> (ABU220200238, Revision 2.0) dated 17 August 2022 and any subsequent version of the plan that the CEO has confirmed in writing meets the requirements of condition 27.7.
LNG	Liquefied Natural Gas
Mtpa	Million tonnes per annum
Net GHG Emissions	Proposal GHG Emissions for a period less any reduction in GHG Emissions represented by the cancellation or retirement of Authorised Offsets which comply with the Timing and Reporting Requirements .
Net Non-Reservoir GHG Emissions	Non-Reservoir Emissions for a period less any reduction in GHG Emissions represented by the cancellation or retirement of Authorised Offsets which comply with the Timing and Reporting Requirements .
NGER Item 30(1)	Item 30(1) of Schedule 2 to the National Greenhouse and Energy Reporting (Safeguard Mechanism) Rule 2015 (Cth) in force at the date of this Ministerial Statement, or, if amended or repealed such that it no longer provides for the calculation of gas production, a provision of an Act, regulation or instrument specified by the CEO .
Non-Reservoir GHG Emissions	Proposal Emissions other than Reservoir Carbon Dioxide which have not been injected underground .
Non-Reservoir GHG Emissions Intensity	Non-Reservoir GHG Emissions per terajoule of gas produced from the proposal facility determined in accordance with NGER Item 30(1) .
Practicable	Reasonably practicable having regard to, among other things, local conditions and circumstances (including costs) and to the current state of technical knowledge as defined in section 3(1) of the <i>Environmental Protection Act 1986</i> .
Proposal GHG Emissions	Scope 1 GHG Emissions released to the atmosphere as a direct result of an activity or series of activities that comprise/s or form/s part of the proposal, calculated in accordance with: <ul style="list-style-type: none"> (a) the <i>National Greenhouse and Energy Reporting Act 2007</i> (Cth) and its subsidiary legislation; or (b) if that Act or the relevant subsidiary legislation is amended or repealed such that it does not provide a mechanism for calculating the Proposal Emissions, any other Act, regulation or instrument concerning greenhouse gases as specified by the CEO.

Acronym or Abbreviation	Definition or Term
Proposal GHG Emissions Intensity	Proposal GHG Emissions per terajoule of gas produced from the proposal facility determined in accordance with NGER Item 30(1) .
Reservoir Carbon Dioxide Injection System	Infrastructure which is capable of permanently disposing of by injection underground into the Dupuy aquifer beneath Barrow Island, 100 per cent of the Reservoir Carbon Dioxide removed during routine gas processing operations.
Reservoir Carbon Dioxide	GHG Emissions that are separated (from natural gas or the products produced from extracted hydrocarbons) in the acid gas removal units and expected to be subsequently injected underground.
Reservoir GHG Emissions Intensity	Reservoir GHG Emissions per terajoule of gas produced from the proposal facility determined in accordance with NGER Item 30(1) .
Timing and Reporting Requirements	<p>The Timing and Reporting Requirements are that the Authorised Offsets:</p> <ul style="list-style-type: none"> (a) were cancelled or retired between the first 1 July of the relevant period until 1 March in the year after the period ends; (b) have been identified as cancelled or retired in the relevant report as required by condition 27.3(1)(b)iii; (c) have not been identified as cancelled or retired in any prior report required by condition 27.3(1)(b)iii; (d) have not been used to offset any GHG Emissions other than Proposal GHG Emissions; and (e) were not generated by avoiding Proposal GHG Emissions.
TJ	Terajoules.