



Groundwater Interpretative Report
Imperial Oil and Gas A Pty Ltd
Environmental Management Plan

EP 167/168 Work Program IMA 1-5

Reporting period:

22 October 2024 (initial EMP approval date)

to

31 December 2025 (end of 2025 calendar year)

Document Control

Date	Rev	Description	Author(s)	Reviewed	Approved
16/01/2026	1	Issued for Submission	inGauge Energy	TS JWB	CS

Table 1 Document Overview

Document title	Groundwater Interpretative Report
EMP title	IMA 1-5
Exploration Permit	EP 167 / 168
Interest holder details	Imperial Oil & Gas A Pty Limited Level 19, 20 Bond Street, Sydney NSW 2000 ACN – 649 305 411
Operator details	Imperial Oil & Gas A Pty Limited Level 19, 20 Bond Street, Sydney NSW 2000 ACN – 649 305 411

Acronyms & Definitions

Acronyms/Terms	Definition
Code	<i>Code of Practice: Onshore Petroleum Activities in the Northern Territory</i>
CMB	Control Monitoring Bore
DLPE	Department of Lands, Planning and Environment, previously known as DEPWS
EMP	Environment Management Plan
EP	Exploration Permit
Guideline	<i>Preliminary Guideline: Groundwater Monitoring Bores for Exploration Petroleum Wells in the Beetaloo Sub-Basin</i>
IMB	Impact Monitoring Bore

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1 Summary

The Environmental Management Plan (EMP) IMA 1-5 was approved on 22 October 2024. Ministerial Condition 11 of the IMA 1 - 5 Approval Notice requires Imperial Oil & Gas A (Imperial A) to provide an interpretative report of groundwater quality based on the groundwater monitoring required to be conducted at the well site.

Ministerial Condition 11 of the Approval Notice is as follows:

“Within 90 days of the anniversary of the approval date of the EMP (IMA1-5), and each subsequent year, the Interest Holder must submit to onshoregas.DLPE@nt.gov.au an interpretative report of groundwater quality which includes:

- i. Identification of any change to groundwater quality or level attributable to conduct of the regulated activity at the well site (s) and discussion of the significant and cause of any such observed change;*
- ii. Interpretation of any statistical outliers observed from baseline measured values for each of the analytes listed in Table 6 of the Code*
- iii. A summary of the results including descriptive statistics*
- iv. Discussion of any trends observed;*
- v. Description of the layout of the groundwater monitoring bores and wells, indicative groundwater flow directions and levels in accordance with the Preliminary Guideline Groundwater Monitoring Bores for Exploration Petroleum Wells in the Beetaloo Sub-basin and*
- vi. In the third annual report, site-specific trigger values for groundwater quality and interquartile ranges for analytes at each of the impact monitoring bores established based on the first three years of groundwater monitoring.”*

There are no Impact and Control Monitoring Bores currently present in EP 167/ 168 during the reporting period of 22 October 2024 to 31 December 2025.

Regulated Activity and groundwater monitoring have not yet commenced under this EMP, and therefore, this summary is provided to confirm that no data is available to submit to date.