



Otway Offshore Environment Plan

This document provides notification of NOPSEMA’s decision made under regulation 10 of the Offshore Petroleum and Greenhouse Gas Storage (Environment) Regulations 2009 (Environment Regulations). In this instance, NOPSEMA is providing an opportunity to modify and resubmit the environment plan as it is not reasonably satisfied that the plans meets the acceptance criteria set out in the regulations.

Submission information

Titleholder¹:	Origin Energy Resources Ltd
Environment plan:	Otway Offshore Environment Plan (Revision 6, Document No. CDN/ID 3977021)
Petroleum title(s)/Application number(s):	T/L2, T/L3, Vic/L23, T/PL3-COMM
Date submitted to NOPSEMA:	15/05/2017
Activities type(s)²:	<ul style="list-style-type: none"> • Operation of a facility • Operation of a licensed petroleum pipeline • Recovery of petroleum using a subsea installation • Any other petroleum-related operations or works carried out under an instrument, authority or consent granted or issued under the OPGGSA
Activity overview: <i>As described on the NOPSEMA website.</i>	<p>The Thylacine field is located approximately 70km offshore from Port Campbell, Victoria in approximately 100m of water and the Geographe reservoir is located approximately 55km offshore in 85m of water.</p> <p>Raw gas including condensate from the Geographe and Thylacine fields are processed at the onshore Otway Gas Plant (OGP) located approximately 7km northeast of Port Campbell. The current approved field development plan has an end of field life of 2026. Over this period the fields are expected to supply approximately:</p> <ul style="list-style-type: none"> • 555 billion cubic feet of raw gas, equivalent to 505 petajoules of sales gas, • 7 million barrels of condensate; and • 1 million tonnes of Liquefied Petroleum Gases (LPG). <p>Actual end of field life and recovery of resources is dependent on a number of factors including operational performance and possible future field development which may lead to the end of field life extending beyond 2026.</p> <p>This EP covers all the offshore operations activities for the Otway gas development including;</p> <ul style="list-style-type: none"> • four producing Thylacine gas wells (TA-1, TA-2, TA-3 and TA-4) and the

plugged and suspended Thylacine 1 exploration well;

- one producing Geographe well (GEO-2) and two plugged and suspended Geographe wells (GEO-1 and GEO-3), completion of GEO-3 is planned at a later date;
- the unmanned Thylacine-A production platform, supporting the wellheads and topsides facilities required for production metering from the combined Thylacine wells; and
- offshore pipeline system consisting of a 500mm (20 inch) production pipeline and a 100mm mono ethylene glycol (MEG) piggyback service pipeline from the platform to the shore crossing at the Port Campbell Rifle Range, situated to the west of Port Campbell.
- Umbilical between Thylacine and Geographe transporting MEG, chemicals (methanol, scale inhibitor) and hydraulic fluid to Geographe in addition to power and controls.

Decision:	Not reasonably satisfied
Decision date:	14/06/2017
Resubmission due date³:	14/07/2017
Decision made by:	Representative of NOPSEMA: Environment Manager - Drilling & Developments



Basis of decision

NOPSEMA has assessed the environment plan in accordance with its assessment policies and procedures. On completion of assessment, NOPSEMA has decided that it is not reasonably satisfied that the environment plan meets the criteria below as set out in regulation 10A of the Environment Regulations:

- (a) is appropriate for the nature and scale of the activity
- (b) demonstrates that the environmental impacts and risks of the activity will be reduced to as low as reasonably practicable
- (c) demonstrates that the environmental impacts and risks of the activity will be of an acceptable level
- (d) provides for appropriate environmental performance outcomes, environmental performance standards and measurement criteria
- (e) includes an appropriate implementation strategy and monitoring, recording and reporting arrangements

Titleholder requirements

In accordance with regulation 10, the titleholder is required to modify and resubmit the environment plan. Upon resubmission of the plan, NOPSEMA will continue to assess the submission in accordance with its assessment policies and make a decision under regulation 10. After a titleholder has been provided with reasonable opportunity to modify and resubmit an environment plan, NOPSEMA will make a final decision on whether to accept or refuse to accept the environment plan.

How to get further information

If you have any further questions regarding the activity it is suggested you contact the titleholder's nominated liaison person for the activity.

If you would like to access any further information regarding this decision, or would like to contact NOPSEMA please email environment@nopsema.gov.au.

¹ A titleholder includes an applicant for a petroleum access authority, petroleum special prospecting authority, pipeline licence, greenhouse gas search authority or greenhouse gas special authority under sub-regulation 9(2).

² Activity type as listed in the Offshore Petroleum and Greenhouse Gas Storage (Regulatory Levies) Regulations 2004

³ NOPSEMA sets the proposed timeframe for resubmission; after which NOPSEMA may determine a reasonable opportunity has been given and NOPSEMA may refuse to accept the plan. Titleholders can request an extended timeframe.