

## Angel Facility Operations Environment Plan [revised]

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

<b>Titleholder<sup>1</sup>:</b>	Woodside Energy Ltd
<b>Environment plan:</b>	Angel Facility Operations Environment Plan, Revision 9, October 2018, T1200AH3313618.
<b>Petroleum title(s)/Application number(s):</b>	WA-3-L, WA-14-L
<b>Date submitted to NOPSEMA:</b>	27/09/2018
<b>Activities type(s)<sup>2</sup>:</b>	<ul style="list-style-type: none"> <li>• Operation of a facility used for the recovery or processing of petroleum</li> <li>• Operation of a licensed petroleum pipeline</li> </ul>
<b>Activity overview:</b> <i>As described on the NOPSEMA website.</i>	<p>Woodside has submitted a revision of the North West Shelf (NWS) Project's Angel Platform Operations Environment Plan in accordance with the Offshore Petroleum and Greenhouse Gas Storage (Environment) Regulations 2009 (Cth).</p> <p>The Angel platform is located in Commonwealth waters about 125 km north-west of Karratha in Western Australia and has been operating since 2008. The facility's current Environment Plan was approved in 2013. The current Environment Plan is required to be revised every five years.</p> <p>Angel is an offshore not normally manned (NNM) production platform that produces dry gas and condensate from the Angel reservoir. Gas and condensate from this reservoir is processed on the Angel platform then transported via an export pipeline to the North Rankin Complex, and then onshore to the Karratha Gas Plant (KGP) for processing.</p> <p>The Angel platform is more than 195 m tall and stands in a water depth of 80 m. The platform combines production facilities, utilities and temporary living quarters for maintenance activities.</p> <p>Angel has three production wells, and has a daily production capacity of up to 21,500 tonnes of gas and up to 5,270 tonnes of condensate.</p> <p>The Angel platform is marked on nautical maps surrounded by a 500 m exclusion zone to shipping.</p> <p>The platform and associated subsea infrastructure is situated in Production Licence WA-3-L and Pipeline Licence WA-14-PL</p>
<b>Decision:</b>	Not reasonably satisfied

<b>Decision date:</b>	17/10/2018
<b>Resubmission due date<sup>3</sup>:</b>	07/11/2018
<b>Decision made by:</b>	Representative of NOPSEMA: Environment Manager - Seismic & Production Operations

## 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:

(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](mailto:environment@nopsema.gov.au).

<sup>1</sup> 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).

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

<sup>3</sup> 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.