

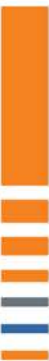
Acceptance decision

Pyrenees Facility Operations 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) to accept an environment plan.

Submission information

Titleholder¹:	BHP Billiton Petroleum (Australia) Pty Ltd
Environment plan:	Pyrenees Facility Operations Environment Plan (Document No. PYHSE-E-0001, Revision 12, dated 18 December 2018)
Petroleum title(s)/Application number(s):	WA-42-L and WA-43-L
Date first submitted to NOPSEMA:	03/07/2018
Activities type(s)²:	<ul style="list-style-type: none"> • Operation of a facility; • Recovery of petroleum using a subsea installation; and • Any other petroleum related operations or works carried out under an instrument, authority or consent granted or issued under the OPGGS Act.
Activity overview: <i>As described in the accepted environment plan.</i>	<p>The Pyrenees Facility produces crude oil from the Ravensworth, Crosby, Stickle, Tanglehead, Wild Bull and Moondyne reservoirs via a single stand-alone Floating Production Storage and Offloading facility (the Pyrenees FPSO). Associated activities conducted over the life of the EP include crude oil offloading, well management, inspection, maintenance and repair of all infrastructure, produced water reinjection, reinjection of gas into the Macedon formation, use of support vessels and helicopter operations.</p> <p>The Facility is located in Commonwealth waters 45 km northwest of Exmouth, approximately 27 km northwest from the Muiron Islands, 13 km from the northern boundary of the Ningaloo Marine Park boundary (Commonwealth Waters) and 27 km north-west of North West Cape, in Western Australia. Production commenced from the Facility in February 2010. The water depth in the Pyrenees Facility Operational Area is approximately 200 m.</p> <p>BHP will install a Compact Flotation Unit (CFU) module to further improve the quality of processed produced formation water. Produced formation water is a by-product of oil and gas extraction. The Pyrenees daily produced formation water volume is ~144,000 bbl/day. The CFU module will enable BHP to achieve significant improvements in the quality of processed produced formation water and enable increased capacity and life extension of the facility. Under this EP revision, during normal operations 7 per cent of the annual produced water volume will be discharged overboard. The volume limit for upset conditions will</p>



be reduced to less than 3% of the annual produced formation water volume discharged overboard, so that at least 90% of the annual produced water volume will be reinjected.

Decision:	Accepted
Decision date:	17/01/2019
Decision made by:	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. Having regard to all information provided by, and referred to in the environment plan, NOPSEMA is reasonably satisfied that the environment plan meets the criteria set out in regulation 10A of the Environment Regulations.

Next steps for the petroleum activity

An environment plan summary must be provided to NOPSEMA within 10 days of this acceptance. regulation 11(4) requires that this document provide material from the accepted environment plan.

Once the summary document has been prepared to NOPSEMA satisfaction it will be published on NOPSEMA’s website. NOPSEMA aims to have all environment plan summary documents published within 20 days of acceptance. This timeframe may vary should the document require amendment by the titleholder.

The titleholder is required to notify NOPSEMA 10 days prior to the commencement of the activity. This notification will be published on NOPSEMA’s website.

Titleholder environmental performance requirements

A titleholder is required to undertake a petroleum activity in accordance with the accepted environment plan. It is an offence under the Environment Regulations to act in a manner contrary to the accepted environment plan. A titleholder must submit a revision to the environment plan in response to a new or increased environmental impact or risk, or a significant modification or stage of the activity not provided for in the accepted 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