
ENVIRONMENT PLAN SUMMARY

1 COORDINATES OF THE PETROLEUM ACTIVITY

The Perseus 1C topsides activity will take place on the North Rankin Alpha [Platform] (NRA) which is located in 125 metres of water, approximately 135 km offshore from Dampier on the North-west coast of Western Australia.

- Latitude: 19° 35' 08.02" south
- Longitude: 116° 08' 12.28" east

The platform is located towards the southern end of the North Rankin field and is approximately 23 km east of the GWA platform.

2 THE RECEIVING ENVIRONMENT

The North West Shelf exists in an arid (mainly summer rain) subtropical environment with tropical cyclone activity from November to April. Average air temperatures in Karratha (closest regional townsite) range from 15°C to 25°C in winter, and 26°C to 40°C in summer. Rainfall is variable from year to year, with a mean of 310 mm per annum.

The NRA facility is located on the continental shelf in approximately 125 m of water. Continental shelf depths range between 50 and 1,500 m, although most of the area lies in 50 – 500 m water depth.

3 DESCRIPTION OF THE ACTION

The Perseus1C topsides modifications are required to accommodate tie-ins to the existing NRA processing trains for up to 3 wells drilled from the NRA. The Perseus 1C topsides activities are all considered to be routine Brownfield activities such as rigging, scaffolding, crane lifts, pipe work and valve fitting/installation. All activities will be performed under the existing accepted NRA HSE case.

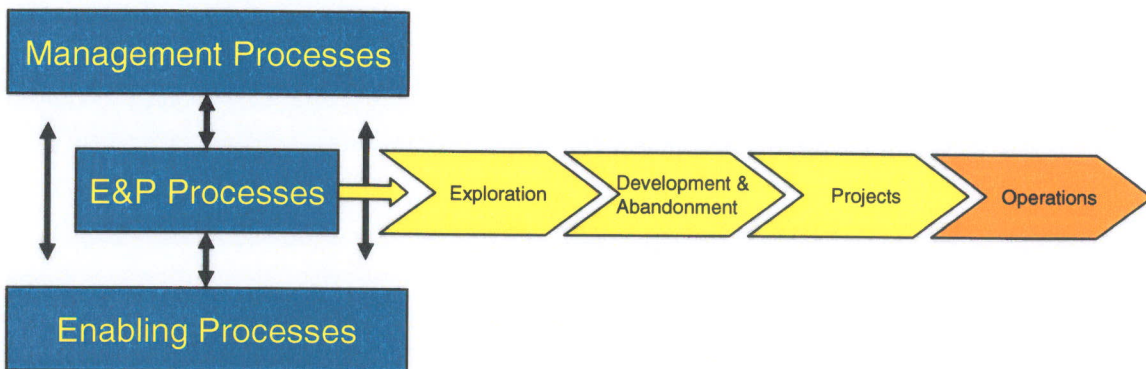
4 MAJOR ENVIRONMENTAL HAZARDS AND CONTROLS

There are no major environmental hazards associated with the activity. Identification of Environmental hazards were classified using the Woodside Environment Risk matrix. A comparison of Perseus1C topsides environment construction risks with the existing NRA operations environment risks indicated no significant new environmental risk or significant increase in existing environmental risks on NRA.

The Perseus 1C project in operations mode will be included in the upcoming revised NRA Environment Plan.

5 SUMMARY OF THE MANAGEMENT APPROACH

The [Woodside Management Framework](#) (WMF) describes the way in which Woodside is organised and governed. The WMF provides clarity and direction on the boundaries within which all Woodside employees and contractors will work, and empowers employees through clear delegation of authority and setting clear ways of working with clearly defined roles and accountabilities. It describes a single management system for managing Woodside’s global business processes.



The WMF and Woodside business processes are continuously improved through a modified plan-do-check-act management continuum as follows:

- Plan – Objectives & Leadership Commitment, Capability, Risk Management and Planning & Processes;
- Do – Planning & Processes and Management of Change;
- Measure & Improve – Management Reviews & Audits; and
- Learn & Share – Learning & Knowledge Sharing.

The Operations Business Process describes four key sub-processes of production and activity planning, and the operation, maintenance and modification of facilities. Compliance with the Health, Safety and Environment (HSE) Case is integral to the Operations Process. The Woodside Environment Business Process describes a systematic framework for identifying hazards and managing risks, based on the Process Elements described in the Woodside Management System Business Process.

The expectations of the WMF, the Operations Business Process, and the Corporate Health and Safety and Corporate Environment Business Process are met in the NRA facility operations primarily through its implementation of:

- the NRA HSE Case;
- the annual NRA HSE Plan;
- Woodside, Operations Division, and facility operation standards and procedures; and the requirement that contractors and service suppliers for the facility align their performance with Woodside’s HS&E requirements.

6 CONSULTATION

Woodside undertakes consultation with the community and government departments as part of the approval process for the construction and operation of new facilities. As this is a topsides modification to an operating facility, the consultation is limited to Woodside stakeholders and WA DOIR.

In reviewing this scope of work there was consultation between, and participation in risk assessment workshops by offshore staff, Environmental Advisers, Process and Facility Engineers, maintenance support and specialist consultants.

The Perseus 1C project team will continue to provide update information to DoIR as the project progresses.

7 CONTACT DETAILS

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