

## ENVIRONMENT PLAN BRIDGING DOCUMENT SUMMARY

### 1 COORDINATES OF THE PETROLEUM ACTIVITY

The project location is in the Enfield area development, within production permit WA-28-L, in approximately 600m of water, 49km north west of Exmouth Western Australia.

Table 1 provides the location details of the two water injection wells.

**Table 1: Surface Well Co-ordinates, Water Depth and Well Type**

Well	Water Depth (m)	Easting (Longitude)	Northing (Latitude)	Well Type
ENC04 (new well)	550	186 540 mE	7 620 867 mN	Water Injection
ENC02 (existing well)	550	186 548 mE	7 620 856 mN	Water Injection

### 2 THE RECEIVING ENVIRONMENT

The seabed at 400m is characterised by a low abundance, low diversity burrowing infauna dominated by polychaetes and crustaceans. The closest sensitive environmental resource from the offshore location is the Ningaloo Marine Park (Commonwealth Waters) which is located approximately 21 km from the project area. Humpback whales migrate seasonally through the region during June to December, but the majority of whales move well inshore of the development location.

### 3 DESCRIPTION OF THE ACTION

The proposed activities are currently planned to start September/October 2007. It is anticipated the Enfield 2007 subsea installation campaign will be approximately two weeks duration.

The Subsea installation and construction activities in this campaign will hook-up a new Water Injection Flow Base.

The scope of work in this campaign involves removal of a rigid U spool between an existing Water Injection Manifold and Water Injection Flow Base, installation of a rigid E spool between existing Water Injection Manifold and the 2 Water Injection Flow Bases, tying in of subsea equipment, pre-commissioning of the equipment and recovery of existing U-spool.

### 4 MAJOR ENVIRONMENTAL HAZARDS AND CONTROLS

Several project-specific hazard identification and risk assessment process have taken place with relevant parties for the scope of work identified. The associated environmental risks on this project range from Low to Medium. Management actions arising from the risk assessment process are managed through the Woodside Project action tracking register.

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The project work is considered small in terms of subsea construction with little environmental impact. Vessels used in the project will be audited by Woodside, managed according to its vessel management system and the main subsea construction vessel will contain project personnel overseeing the work. The project will adhere to Environment Plan commitments and project procedures and controls including cetacean interaction procedures.

## **5 SUMMARY OF THE MANAGEMENT APPROACH**

The management approach follows the Woodside's Management System (in line with an ISO-14001 management system). A systematic approach is taken through the identification and assessment of hazards and risk, the establishment of objectives, performance standards, criteria and the development of appropriate documentation.

## **6 CONSULTATION**

Consultation during planning and preparation for the proposed Enfield 2007 subsea installation and construction activities has been managed through Woodside's Corporate Affairs management process. This process has involved Community Reference Group meetings in Exmouth and Perth. Advice on field activities has also been provided through Woodside's Greater Enfield Area Update newsletter, as well as an advertisement in the Northern Guardian newspaper (April 2007) prior to the arrival of the Jack Bates drilling rig for the drilling component Enfield 2007 program. Advice about subsea installation and construction activities will continue to be provided to Community Reference Group members during the campaign.

## **7 CONTACT DETAILS**

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