



# Wheatstone Project

## Wheatstone Environment Protection Code of Conduct

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## ACRONYMS, TERMINOLOGY AND DEFINITIONS

Term	Definition
ANSIA	Ashburton North Strategic Industrial Area
Chevron Australia	Chevron Australia Pty Ltd
Construction Workforce	All employees and contractors engaged to construct the Wheatstone Project within the Pilbara region.
Domgas	Domestic Gas
DPaW	Department of Wildlife and Parks (WA) - formerly Department of Environment and Conservation (WA)
EPBC 2008/4469	The Commonwealth Primary Environmental Approval and conditional requirements for the Wheatstone Project. Commonwealth Government of Australia, Minister for Sustainability, Environment, Water, Populations and Communities, Hon. Tony Burke, 22 September 2011, with variations to EPBC 2008/4469 Conditions 44, 45, 55, 56 and 66 made pursuant to section 143 of the EPBC Act, as amended from time to time.
EPBC Act	Environment Protection and Biodiversity Conservation Act 1999 (Cth)
km	kilometre(s)
LNG	Liquefied Natural Gas
MOF	Materials Offloading Facility
MS 873	Ministerial Statement No. 873: The State (WA) Primary Environmental Approval, and conditional requirements for the Wheatstone Project. Government of Western Australia, Minister for the Environment; Water, Hon. Bill Marmion MLA, 30 August 2011 as amended by MS 903, MS 922, MS 931 and Attachments 1 to 4 and amended from time to time.
MTPA	Million Tonnes Per Annum
PLF	Product Loading Facility
Project	Wheatstone Project
WEPCC	Wheatstone Environment Protection Code of Conduct (this document)

## **1.0 BACKGROUND**

### **1.1 Project Overview**

Chevron Australia Pty Ltd (Chevron Australia) will construct and operate a multi-train Liquefied Natural Gas (LNG) and domestic gas (Domgas) plant near Onslow on the Pilbara Coast, Western Australia. The Wheatstone Project (Project) will process gas from various offshore fields in the West Carnarvon Basin. The Ashburton North Strategic Industrial Area (ANSIA) is the approved site for the LNG and Domgas plants.

The Project requires installation of gas gathering, export and processing facilities in Commonwealth and State waters and on land. The initial Project will produce gas from Production Licences WA-46-L, WA-47-L and WA-48-L, 145 km offshore from the mainland, approximately 100 km north of Barrow Island and 225 km north of Onslow, and will also process gas from Production Licence WA-49-L operated by Apache Corporation. Figure 1.1 shows the location of the Project.

The ANSIA site is located approximately 12 km south-west of Onslow along the Pilbara coast within the Shire of Ashburton. The initial Project will consist of two LNG processing trains, each with a capacity of approximately 5 million tonnes per annum (MTPA). Environmental approval was granted for a 25 MTPA plant to allow for the expected further expansions. The Domgas plant will be a separate but co-located facility and will form part of the Project. The Domgas plant will tie-in to the existing Dampier-to-Bunbury Natural Gas Pipeline infrastructure via third party DBP Development Group Pty Ltd Domgas pipeline. Figure 1.2 shows the onshore and nearshore Project footprint.

### **1.2 Proponent**

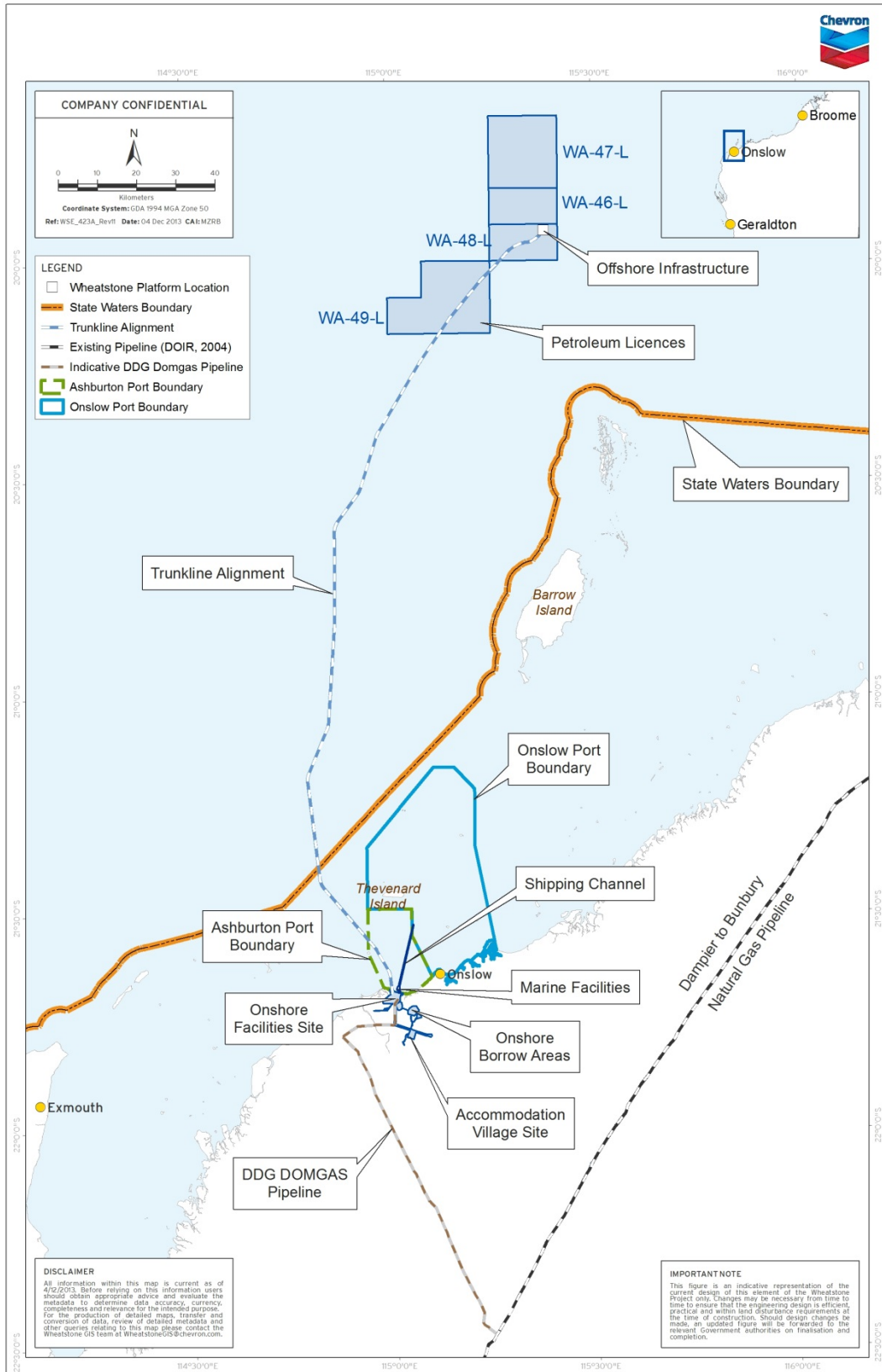
Chevron Australia is the proponent and the company taking the action for the Project on behalf of its joint venture participants Apache Corporation, PE Wheatstone Pty Ltd a company part-owned by Tokyo Electric Power Company, Kuwait Foreign Petroleum Exploration Company and Kyushu Electric Power Company.

### **1.3 Objectives**

The Wheatstone Environment Protection Code of Conduct (WEPCC) has been developed to encourage environmentally responsible behaviour by the Construction Workforce, both on-duty and when engaging in off-duty recreational activities in the Pilbara region.

### **1.4 Scope**

The Construction Workforce will be required to comply with the WEPCC as a condition of employment. Failure to adhere to the WEPCC may result in disciplinary action, and/or termination of employment. It should be noted that the requirements for Construction Workforce conduct as set-out in this document are in addition to the management measures and commitments made in the various approved Statutory Environmental Management Plans, as updated from time to time, required by the State and Commonwealth Primary Environmental Approvals for the Project (MS 873 and EPBC 2008/4469 respectively).



**Figure 1.1: Location of Wheatstone Project Infrastructure**

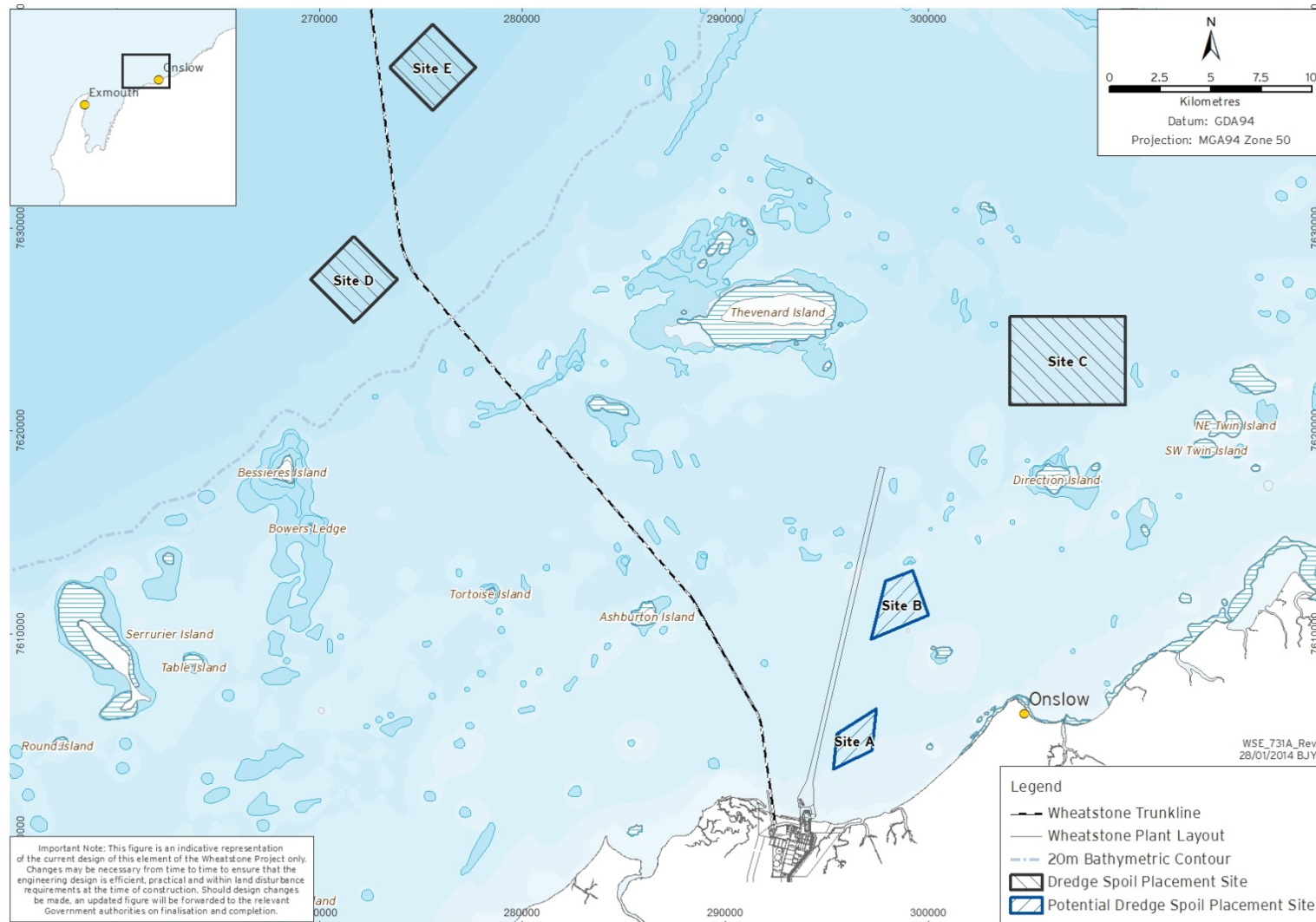


Figure 1.2: Nearshore Project Infrastructure

## 1.5 Environmental Approvals

The Commonwealth Minister for Sustainability, Environment, Water, Population and Communities approved the Project on 22 September 2011 (EPBC 2008/4469) with variations to EPBC 2008/4469 conditions 44, 45, 55, 56 and 66 made pursuant to Section 143 of the EPBC Act. Other amendments may be made from time to time and if so will be reflected in the next revision of this WEPC. This WEPC has been prepared to meet the requirements of the relevant conditions attached to EPBC 2008/4469. The specific requirements of these conditions are detailed in Table 1.1.

**Table 1.1: Requirements of Commonwealth Ministerial Conditions: EPBC 2008/4469 relevant to this WEPCC**

Ministerial Document	Condition No.	Requirement	WEPCC Section Reference
EPBC 2008/4469	63.a.i	One month prior to commencement of <b>onshore plant construction</b> , or as otherwise agreed in writing by the Minister, the person taking the action must submit to the Minister for approval: <ul style="list-style-type: none"> <li>a. A Wheatstone Environment Protection Code of Conduct (WEPCC), which must: <ul style="list-style-type: none"> <li>i. be observed by the construction workforce while on duty. This must be enforced by the person taking the action.</li> </ul> </li> </ul>	All
EPBC 2008/4469	63.a.ii	<ul style="list-style-type: none"> <li>ii. encourage environmentally responsible behaviour and observation of the WEPCC by the construction workforce while off duty and engaging in recreational activities in the Pilbara region. This must be facilitated by the person taking the action.</li> </ul>	2.0, 3.0
EPBC 2008/4469	64.a	The WEPCC must consider: <ul style="list-style-type: none"> <li>a. The exclusion of employees and contractors from turtle nesting beaches and offshore islands during nesting periods.</li> </ul>	2.1
EPBC 2008/4469	64.b	<ul style="list-style-type: none"> <li>b. The prevention of employees and contractors driving on beaches.</li> </ul>	2.1
EPBC 2008/4469	64.c	<ul style="list-style-type: none"> <li>c. The discouragement of employees and contractors from using certain fishing gear-types (e.g. Gill nets, haul nets, set nets).</li> </ul>	2.2
EPBC 2008/4469	64.d	<ul style="list-style-type: none"> <li>d. Management of the risk of vessel strike, including discouragement of the excessive use of recreational vessels by employees and contractors, the management of vessel speeds and the use of charter vessels as a substitute for the use of private recreation vessels.</li> </ul>	2.1, 2.2
EPBC 2008/4469	64.e	<ul style="list-style-type: none"> <li>e. Implementation and enforcement strategies.</li> </ul>	3.0



## 2.0 ENVIRONMENTAL PROTOCOLS

### 2.1 Onshore and Islands

- ◆ Construction Workforce personnel will not operate, for recreational purposes, all-terrain or four wheel drive vehicles outside of designated tracks or designated unsealed roads, and must abide by Australian laws and regulations covering the operation of a motor vehicle.
- ◆ Recreational boats and vehicles are not permitted within the Construction Workforce accommodation village or the access road from Onslow Road.
- ◆ Driving vehicles on beaches and dunes is prohibited, unless otherwise directed by Chevron Australia.
- ◆ Accessing turtle nesting beaches (see Figure 2.1), including those on offshore islands, between 1 October and 30 April (the turtle nesting period) is prohibited, unless otherwise directed by Chevron Australia.
- ◆ Nesting turtles or hatchlings must not be approached.
- ◆ Lights should not be directed on nesting turtles or hatchlings.
- ◆ Contact Department of Wildlife and Parks (DPaW) - formerly Department of Environment and Conservation before undertaking island visits to ensure that access is permitted (permits may be required for some islands):

DPaW Pilbara Regional Office  
Mardie Road Karratha Industrial Estate  
Karratha WA 6714  
Phone (08) 9182 2000

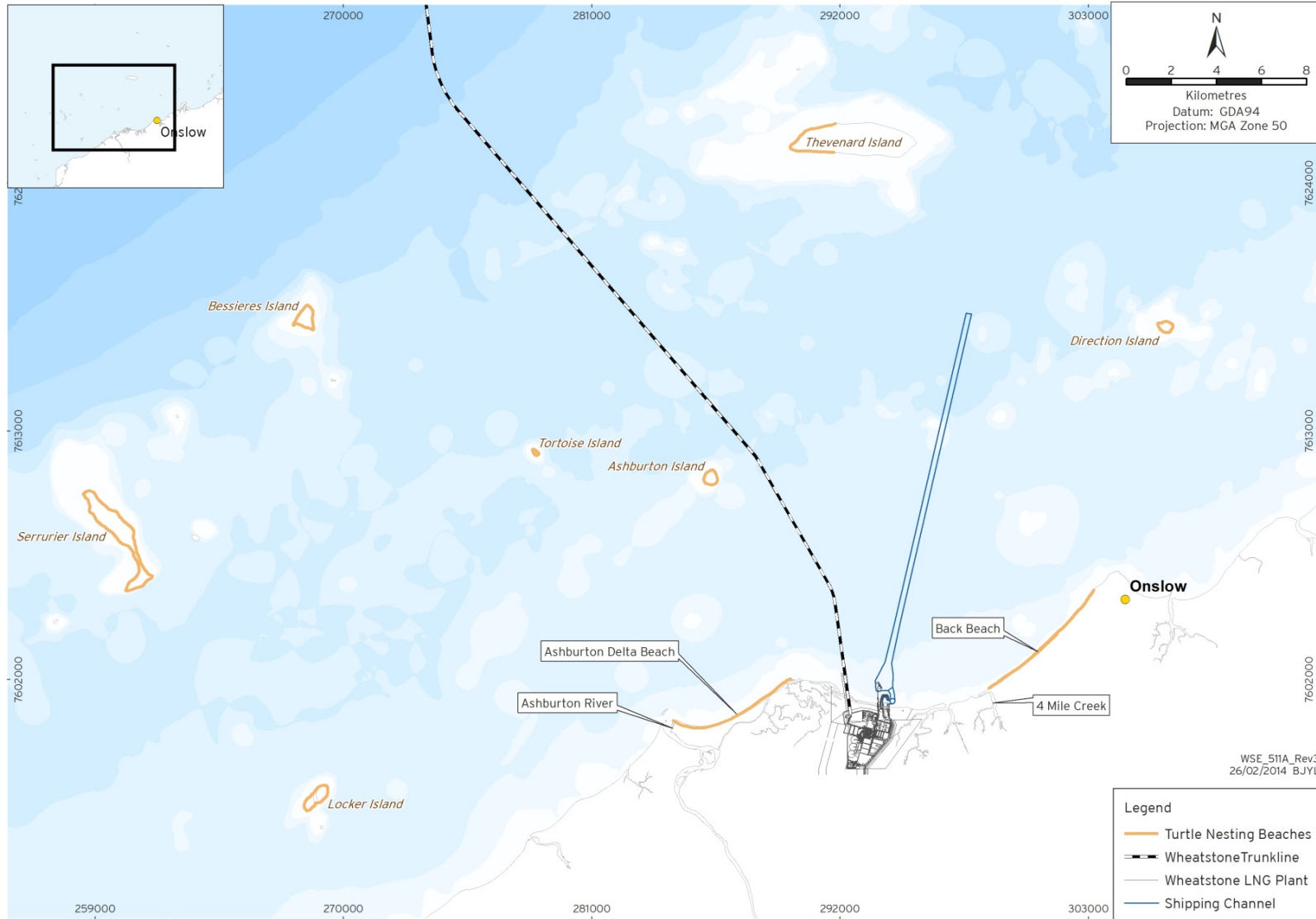
- ◆ No animals or plants are to be deliberately introduced to the offshore islands and care should be undertaken to minimise the risk of accidental introduction.
- ◆ All relevant and applicable environmental laws and regulations must be complied with, including special rules relating to protected flora and fauna, conservation areas, national parks, marine nature reserves, marine parks, fish habitat protection areas, areas closed to fishing and sanctuary zones (consult with a site environmental advisor for verification).

### 2.2 Offshore

- ◆ Always comply with the Western Australian fishing licence requirements, bag, size and possession limits and restrictions on fishing in certain areas and zones, as required by:
  - *Fish Resources Management Act 1994* available at:  
<[www.slp.wa.gov.au](http://www.slp.wa.gov.au)>and
  - *Fish Resources Management Regulations 1995* available at:  
<[www.slp.wa.gov.au](http://www.slp.wa.gov.au)>
- ◆ No fishing from construction vessels, fixed or floating marine infrastructure, for example, Materials Offloading Facility (MOF), Product Loading Facility (PLF) and Platform, or within the nearshore exclusion zones (see Figure 2.2)
- ◆ Net fishing, including the use of gill nets, haul nets and set nets, is prohibited.

To reduce the risk of vessel strikes on marine fauna, including sawfish, dugong, Indo-Pacific humpback dolphin, humpback whale, marine turtles and other cetaceans, Construction Workforce personnel are expected to:

- ◆ Utilise a licensed fishing charter operator rather than private recreation vessels whenever possible
- ◆ Always comply with vessel speed limits as designated by the Department of Transport or relevant Port Authority, whichever is lesser
- ◆ Adhere to the protection measures to minimise disturbance to humpback whales, Indo-pacific humpback dolphins and other cetaceans as set out in:
  - *EPBC Act Regulations 2000 (Part 8)* available at:  
<[www.comlaw.gov.au](http://www.comlaw.gov.au)>and/or
  - *Australian National Guidelines for Whale and Dolphin Watching* available at:  
<[www.environment.gov.au](http://www.environment.gov.au)>.



**Figure 2.1: Turtle Nesting Beaches in the Vicinity of the Wheatstone Project Area**

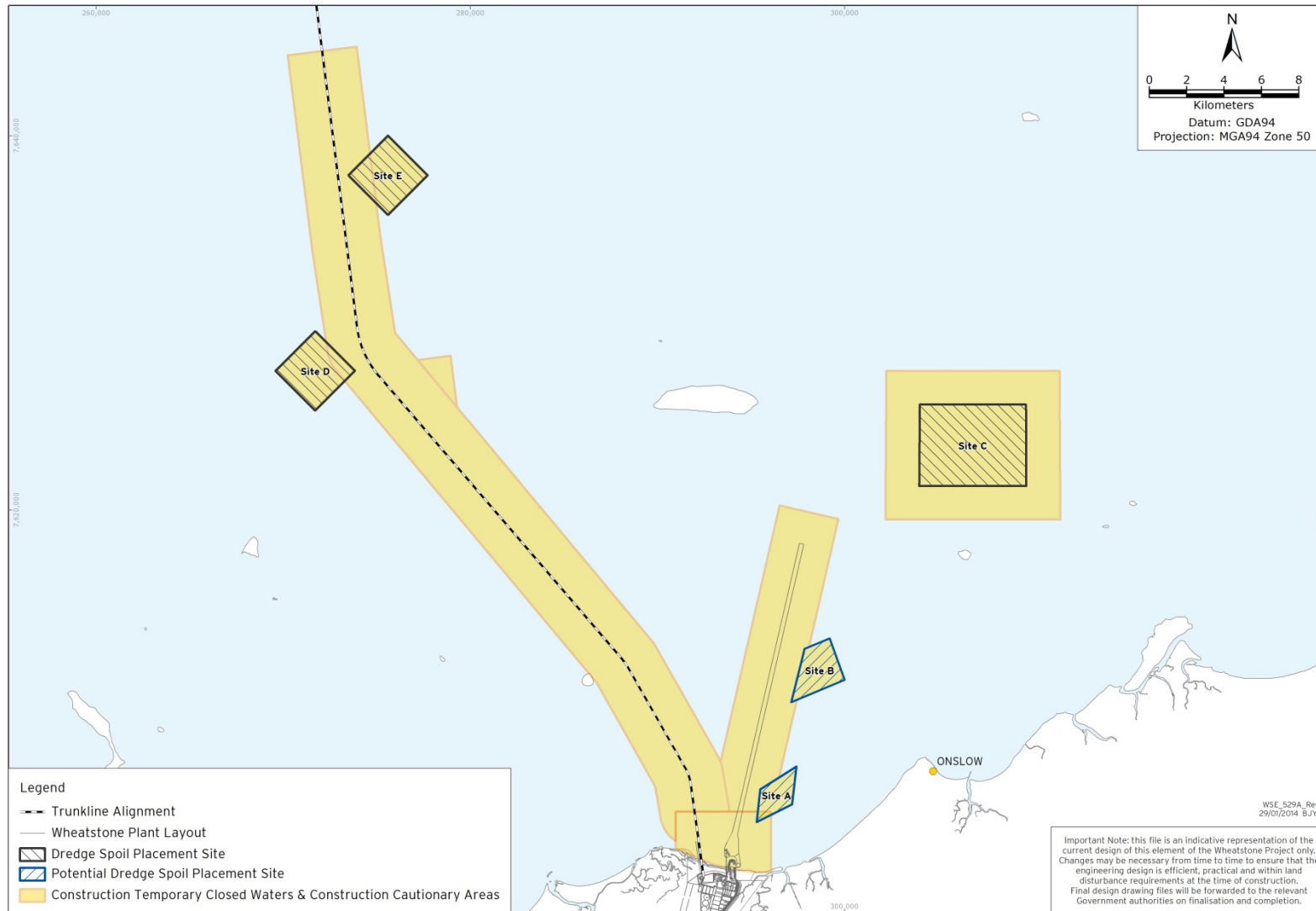


Figure 2.2: Wheatstone Project Nearshore Exclusion Zones

### 3.0 IMPLEMENTATION AND ENFORCEMENT STRATEGIES

Implementation and enforcement strategies for the management of the Construction Workforces' conduct and behaviour, as they relate to environmental protection, are summarised below:

- ◆ Condition of Employment – All Construction Workforce personnel will be required to comply with this WEPCC as a condition of employment.
- ◆ Inductions – As required by Condition 62 of EPBC 2008/4469, all Construction Workforce personnel are required to attend an induction prior to being granted access to site. The induction includes information:
  - on EPBC Act listed species
  - that fosters a culture of environmental awareness of the values of the area and of the regulatory framework under which it is managed
  - that reinforces Chevron Australia's requirements for behaviour and conduct as set out in this WEPCC.
- ◆ Indigenous Sea Ranger Program – as required by Condition 66(a) of EPBC 2008/4469 this program seeks to address the threats to EPBC Act listed threatened and migratory species, protect the coastline and tidal creeks, remove marine debris, and assist in ensuring compliance with this WEPCC.

#### 3.1 Misconduct

Behaviour which constitutes MISCONDUCT includes, but is NOT limited to, the following:

- ◆ Driving all-terrain or four wheel drive vehicles outside of designated tracks or designated unsealed roads
- ◆ Parking/storing a recreational boat or vehicle at the Accommodation Village
- ◆ Driving vehicles on beaches or dunes
- ◆ Accessing a turtle nesting beach during the nesting period
- ◆ Directing lights toward or approaching nesting turtles or hatchlings.

If it becomes apparent to an employer that a person employed by them has engaged in Misconduct that person may be subjected to disciplinary action. Proven repeated and/or multiple violations may constitute Serious Misconduct (Section 3.2).

#### 3.2 Serious Misconduct

Behaviour which constitutes SERIOUS MISCONDUCT includes, but is NOT limited to the following:

- ◆ Fishing from construction vessels, fixed or floating marine infrastructure, for example, MOF, PLF and Platform, or within the nearshore exclusion zones
- ◆ Breaches of fishing licence requirements, bag, size and possession limits as stated in Western Australian *Fish Resources Management Act 1994* and *Fish Resources Management Regulations 1995*
- ◆ Net fishing, or fishing without the appropriate license
- ◆ Breaches of relevant environmental laws and regulations, including breaches of special rules relating to conservation areas, national parks, marine nature reserves, marine parks, fish habitat protection areas, areas closed to fishing, sanctuary zones and the protection of marine fauna

- ◆ Illegal damage to, or destruction of, marine or terrestrial wildlife or conservation significant flora.

If it becomes apparent to an employer that a person employed by them has engaged in Serious Misconduct that person may be subject to disciplinary action that may include withdrawal of an employee's accommodation entitlement and/or termination of employment without notice.

## **4.0 REVIEW, APPROVAL AND REVISION OF THIS WEPCC**

Chevron Australia is committed to conducting activities in an environmentally responsible manner and aims to implement reviews of its environmental management actions as part of a programme of continuous improvement. This commitment to continuous improvement means that the Proponent will review the Plan to address matters such as the overall effectiveness, environmental performance, changes in environmental risks and changes in business conditions on an as needed basis (e.g. in response to new information). Chevron Australia reserves the right to amend this WEPCC without prior warning.

In accordance with Conditions 5 and 6 of EPBC 2008/4469, Chevron Australia may only implement the Project otherwise than in accordance with the provisions of this WEPCC which regulate the matters of National Environmental Significance relevant to this WEPCC from the date of approval of any variation to this WEPCC by the Commonwealth Minister. This WEPCC, as amended from time to time, will be published on Chevron Australia's website after approval in accordance with Condition 8 of EPBC 2008/4469.

## 5.0 REPORTING

In accordance with Condition 3 of EPBC 2008/4469, Chevron Australia is required to publish an Annual Compliance Assessment Report on its website. As part of the preparation of an Annual Compliance Report, Chevron Australia will assess its compliance with the conditions requiring this WEPC in the relevant period. In addition, Chevron Australia will report annually on:

- ◆ The number of instances of non-compliance with this WEPC
- ◆ Summary of actions taken in response, and
- ◆ Whether changes to the WEPC are warranted to mitigate similar future instances.