



## **CLEARING PERMIT**

*Granted under section 51E of the Environmental Protection Act 1986*

### **PERMIT DETAILS**

Area Permit Number: 5591/1  
File Number: 2013/002456-1  
Duration of Permit: From 5 July 2013 to 5 July 2015

### **PERMIT HOLDER**

BP Refinery (Kwinana) Pty Ltd

### **LAND ON WHICH CLEARING IS TO BE DONE**

Lot 18 on Plan 17311 (KWINANA BEACH 6167)

### **AUTHORISED ACTIVITY**

The Permit Holder shall not clear more than 0.081 hectares of native vegetation within the area hatched yellow on attached Plan 5591/1.

### **CONDITIONS**

Nil.

M Warnock  
MANAGER  
NATIVE VEGETATION CONSERVATION BRANCH

*Officer delegated under Section 20  
of the Environmental Protection Act 1986*

13 June 2013

# Plan 5591/1



## LEGEND

- |   |   |
|---|---|
| <b>Clearing Instruments</b>                     | <input type="checkbox"/> Local Government Authorities |
| Areas Approved to Clear                         | <input type="checkbox"/> Perth Metropolitan Area      |
| Road Centrelines                                | <input type="checkbox"/> Central 15cm Orthomosaic -   |
| <input type="checkbox"/> Cadastre               | <input type="checkbox"/> Landgate 2012                |
| <input type="checkbox"/> Cadastre for labelling |   |



Scale 1:1500  
(Approximate when reproduced at A4)

Geocentric Datum Australia 1994  
Note: the data in this map have not been projected. This may result in geometric distortion or measurement inaccuracies.

*M Warnock* Date 13.6.13  
M Warnock

Officer with delegated authority under Section 20 of the Environmental Protection Act 1986  
Information derived from this map should be confirmed with the data custodian acknowledged by the agency acronym in the legend.



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\* Project Data. This data has not been quality assured. Please contact map author for details.



## 1. Application details

### 1.1. Permit application details

Permit application No.: 5591/1  
Permit type: Area Permit

### 1.2. Proponent details

Proponent's name: BP Refinery (Kwinana) Pty Ltd

### 1.3. Property details

Property: LOT 18 ON DEPOSITED PLAN 17311 (KWINANA BEACH 6167)  
Local Government Area: City of Kwinana

### 1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
0.081		Mechanical Removal	Infrastructure Maintenance

### 1.5. Decision on application

Decision on Permit Application: Grant  
Decision Date: 13 June 2013

## 2. Site Information

### 2.1. Existing environment and information

#### 2.1.1. Description of the native vegetation under application

<b>Vegetation Description</b>	0.081 hectares of coastal dune shrub vegetation	<b>Vegetation Condition</b>	Completely degraded: No longer intact; completely/almost completely without native species (Keighery 1994)
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## 3. Assessment of application against clearing principles, planning instruments and other relevant matters

**Comments** Consideration has been given to impacts to biodiversity, significant fauna habitat, rare flora, threatened ecological communities, remnant vegetation values, wetlands, watercourses, land degradation, surface water quality, groundwater quality, and flooding. The assessment has found that the clearing under application is not likely to be at variance to the clearing principles.

The clearing is for the purpose of removing a redundant effluent discharge pipe from the beach. No submissions have been received.

**Methodology** References:  
- Keighery (1994)  
- Shepherd et al (2001)  
GIS Datasets:  
- Hydrology, linear  
- IBRA Australia  
- Aboriginal Sites of Significance  
- DEC Tenure  
- CAWSA Part IIA Clearing Controls Catchment  
- Groundwater salinity, statewide  
- Topographic Contours, statewide  
- Soils, statewide  
- RIWI Act, Areas  
- Bushforever\_1



#### **4. References**

- Keighery, B.J. (1994) Bushland Plant Survey: A Guide to Plant Community Survey for the Community. Wildflower Society of WA (Inc). Nedlands, Western Australia.
- Shepherd, D.P., Beeston, G.R., and Hopkins, A.J.M. (2001), Native Vegetation in Western Australia. Technical Report 249. Department of Agriculture Western Australia, South Perth.