



## CLEARING PERMIT

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

<b>Purpose Permit number:</b>	CPS 4014/1
<b>Permit Holder:</b>	City of Wanneroo
<b>Duration of Permit:</b>	25 December 2010 – 25 December 2015

The Permit Holder is authorised to clear native vegetation subject to the following conditions of this Permit.

### **PART I – CLEARING AUTHORISED**

#### **1. Purpose for which clearing may be done**

Clearing for the purpose of constructing a beach access.

#### **2. Land on which clearing is to be done**

Lot 3053 on Deposited Plan 47953 (Crown Reserve 48306)

Lot 15450 on Deposited Plan 40341 (Crown Reserve 20561)

#### **3. Area of Clearing**

The Permit Holder must not clear more than 0.13 hectares of native vegetation within the area hatched yellow on attached Plan 4014/1.

#### **4. Application**

This Permit allows the Permit Holder to authorise persons, including employees, contractors and agents of the Permit Holder, to clear native vegetation for the purposes of this Permit subject to compliance with the conditions of this Permit and approval from the Permit Holder.

#### **5. Type of clearing authorised**

This Permit authorises the Permit Holder to clear native vegetation for activities to the extent that the Permit Holder has the power to clear native vegetation for those activities under the *Local Government Act 1995* or any other written law.

#### **6. Compliance with Assessment Sequence and Management Procedures**

Prior to clearing any native vegetation under conditions 1, 2 and 3 of this Permit, the Permit Holder must comply with the Assessment Sequence and the Management Procedures set out in Part II of this Permit.

### **PART II – ASSESSMENT SEQUENCE AND MANAGEMENT PROCEDURES**

#### **7. Avoid, minimise etc clearing**

In determining the amount of native vegetation to be cleared authorised under this Permit, the Permit Holder must have regard to the following principles, set out in order of preference:

- avoid the clearing of native vegetation;
- minimise the amount of native vegetation to be cleared; and
- reduce the impact of clearing on any environmental value.

#### **8. Wind erosion management**

The Permit Holder shall not clear native vegetation unless construction begins within three months of the clearing being undertaken.

## 9. Weed control

- (a) When undertaking any clearing or other activity authorised under this Permit, the Permit Holder must take the following steps to minimise the risk of the introduction and spread of *weeds*:
- (i) clean earth-moving machinery of soil and vegetation prior to entering and leaving the area to be cleared;
  - (ii) ensure that no *weed*-affected soil, *mulch*, *fill* or other material is brought into the area to be cleared; and
  - (iii) restrict the movement of machines and other vehicles to the limits of the areas to be cleared.
- (b) At least once in each 12 month period for the term of this Permit, the Permit Holder must remove or kill any *weeds* growing within areas cleared under this Permit.

## PART III - RECORD KEEPING AND REPORTING

### 10. Records must be kept

The Permit Holder must maintain the following records for activities done pursuant in relation to the clearing of native vegetation authorised under this Permit:

- (a) the location where the clearing occurred, recorded using a Global Positioning System (GPS) unit set to Geocentric Datum Australia 1994 (GDA94), expressing the geographical coordinates in Eastings and Northings;
- (b) the date that the area was cleared; and
- (c) the size of the area cleared (in hectares).

### 11. Reporting

- (a) The Permit Holder must provide to the CEO on or before 30 June of each year, a written report:
- (i) of records required under condition 10 of this Permit; and
  - (ii) concerning activities done by the Permit Holder under this Permit between 1 January and 31 December of the preceding year.
- (b) Prior to 25 September 2015, the Permit Holder must provide to the CEO a written report of records required under condition 10 of this Permit where these records have not already been provided under condition 11(a) of this Permit.

### Definitions

The following meanings are given to terms used in this Permit:

*fill* means material used to increase the ground level, or fill a hollow;

*mulch* means the use of organic matter, wood chips or rocks to slow the movement of water across the soil surface and to reduce evaporation;

*weeds* means a species listed in Appendix 3 of the "Environmental Weed Strategy" published by the Department of Conservation and Land Management (1999), and plants declared under section 37 of the *Agriculture and Related Resources Protection Act 1976*.



M Warnock  
A/MANAGER  
NATIVE VEGETATION CONSERVATION BRANCH






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

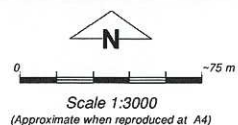
25 November 2010

# Plan 4014/1



## LEGEND

-  Road Centrelines
-  Local Government Authorities
- Clearing Instruments**
-  Areas Approved to Clear
-  Cadastre for labelling
-  Swan Coastal Plain North 20cm Orthomosaic - Landgate 2009



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 *25/11/10*  
 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.



## 1. Application details

### 1.1. Permit application details

Permit application No.: 4014/1  
Permit type: Purpose Permit

### 1.2. Proponent details

Proponent's name: City of Wanneroo

### 1.3. Property details

Property: LOT 3053 ON PLAN 47953 (House No. 231 OCEAN QUINNS ROCKS 6030)  
LOT 15450 ON PLAN 40341 (House No. 2397L MARMION JINDALEE 6036)

Local Government Area:

Colloquial name:

### 1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
0.13		Mechanical Removal Mechanical Removal	Recreation Recreation

### 1.5. Decision on application

Decision on Permit Application: Grant  
Decision Date: 25 November 2010

## 2. Site Information

### 2.1. Existing environment and information

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

Vegetation Description	Clearing Description	Vegetation Condition	Comment
Shepherd (2009) describes vegetation association 1007 as Mosaic: Shrublands; Acacia lasiocarpa & Melaleuca acerosa heath / Shrublands; Acacia rostellifera & Acacia cyclops thicket	Vegetation consists of low coastal shrubland, with scaevola sp, sedges and Olearia axillaris.	Very Good: Vegetation structure altered; obvious signs of disturbance (Keighery 1994)	The vegetation condition was assessed through aerial photography (Swan Coastal Plain North 20cm Orthomosaic ? Landgate 2009) and a site visit (DEC, 2010).
QUINDALUP COMPLEX (Qw) : Coastal dune complex consisting mainly of two alliances - the strand and fore-dune alliance and the mobile and stable dune alliance. Local variations include the low closed forest of Melaleuca lanceolata (Rottnest Teatree) - Callitris preissii (Rottnest Island Pine) and the closed scrub of Acacia rostellifera (Summer-scented Wattle) (Hedde et al 1980).	The vegetation on the northern side of the existing beach access is in a very good (Keighery 1994) condition with minimal weeds scattered through out, and a weed front beginning to encroach on the vegetation (DEC 2010.)		
As above	The vegetation on the southern side of the existing beach access is in a good (Keighery, 1994) condition, with a large number of weeds present in the area and only a limited number of native species (DEC 2010).	Good: Structure significantly altered by multiple disturbance; retains basic structure/ability to regenerate (Keighery 1994)	As above

### 3. Assessment of application against clearing principles

#### Comments

The proposed clearing of 0.13ha of native vegetation is for the purpose of public beach access. The clearing is to occur on the Foreshore Reserves, Lot 3053 on Deposited Plan 47953 (R48306), Quinns Rock and Lot 15450 on Deposited Plan 40341 (R20561), Jindalee, City of Wanneroo. The vegetation appears in a 'good' to 'very good' (Keighery 1994) condition (DEC 2010).

The application area lies within a System 6 Conservation reserve 'M2' ID 51 and Bush forever site 397- Coastal strip from Wilbinga to Mindarie, and therefore, the proposal is at variance to principle (h). The vegetation in this system is representative of the Quindalup Complex of which 47.1% remains, with 19.5% protected through Bush forever. Wind erosion management and weed conditions will manage and mitigate any impacts to the surrounding conservation areas from the proposed clearing. It is also noted the applicant has advised that areas outside of the access path post construction will be rehabilitated with indigenous plantings and bounded by conservation fencing.

There were two records of declared rare flora (*Marianthus paralius* and *Eucalyptus argutifolia*) within the local area (10km radius). *Eucalyptus argutifolia* was recorded 2.4km east and *Marianthus paralius* 8.8km south east of the applied area on different soil and vegetation types. Given this, it is unlikely that these species occur within the applied area.

Given the previous disturbances and the surrounding 'good' to 'very good' condition the vegetation under application it is unlikely to be significant flora or fauna habitat.

Due to the relatively small scale of the proposed clearing, the assessment determined that the proposed clearing is not likely to significantly impact any biodiversity or environmental values, or cause any appreciable land degradation.

Given the above, the proposal is at variance to principle (h), and is not likely to be at variance to the remaining clearing principles.

#### Methodology

##### References

- DEC (2010)
- Keighery (1994)
- Shepherd (2009)
- GIS Databases:
  - SAC Biodatasets - accessed October 10
  - Swan Coastal Plain North 20cm Orthomosaic ? Landgate 2009
  - Pre-European Vegetation
  - NLWRA, Current Extent of Native Vegetation
  - Interim Biogeographic Regionalisation of Australia

#### Planning instrument, Native Title, Previous EPA decision or other matter.

#### Comments

There is already a beach access in place however due to an increased number in residents a new beach access is required. Department of Planning (2010) advised that the current access to the south looks sufficient and do not support the clearing of native vegetation in this area (Camira way beach access). DoP advise that the applicant would have to provide further justification as to the reason behind the clearing of vegetation in this area if State Strategic Policy was to consider supporting this clearing. Clearing is supported in the area to the north and onsite revegetation to offset this clearing is supported (Department of Planning 2010).

#### Methodology

Town Planning Scheme Zone: Not mapped

##### References

- Department of Planning (2010)
- GIS Databases
  - Town Planning Scheme Zones

### 4. References

- DEC (2010) Site Inspection Report CPS 4014/1 - Foreshore Reserve, Quinns rock. 04/11/2010. DEC ref: A349176
- Department of Planning (2010) Application to clear Native Vegetation - Lot 3053 Quinns Rocks. DEC ref: A345963
- 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. (2009) Adapted from: 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.

## 5. Glossary

Term	Meaning
BCS	Biodiversity Coordination Section of DEC
CALM	Department of Conservation and Land Management (now BCS)
DAFWA	Department of Agriculture and Food
DEC	Department of Environment and Conservation
DEP	Department of Environmental Protection (now DEC)
DoE	Department of Environment
DoIR	Department of Industry and Resources
DRF	Declared Rare Flora
EPP	Environmental Protection Policy
GIS	Geographical Information System
ha	Hectare (10,000 square metres)
TEC	Threatened Ecological Community
WRC	Water and Rivers Commission (now DEC)