



## CLEARING PERMIT

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

### PERMIT DETAILS

Area Permit Number: 5554/1  
File Number: 2011/006803-1  
Duration of Permit: 7 June 2013 to 7 June 2015

### PERMIT HOLDER

City of Wanneroo

### LAND ON WHICH CLEARING IS TO BE DONE

Lot 15454 on Deposited Plan 40340 (QUINNS ROCKS, 6030)  
Ocean Drive road reserve (PIN 1164884) (QUINNS ROCKS, 6030)

### AUTHORISED ACTIVITY

The Permit Holder shall not clear more than 0.1 hectare of native vegetation within the area hatched yellow on attached Plan 5554/1.

### CONDITIONS

#### 1. Weed control

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*:

- (a) clean earth-moving machinery of soil and vegetation prior to entering and leaving the area to be cleared;
- (b) ensure that no *weed*-affected soil, *mulch*, *fill* or other material is brought into the area to be cleared; and
- (c) restrict the movement of machines and other vehicles to the limits of the areas to be cleared.

### 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;

*weed/s* means any plant -

- (a) that is a declared pest under section 22 of the *Biosecurity and Agriculture Management Act 2007*; or
- (b) published in the Department of Environment and Conservation Regional Weed Assessments, regardless of ranking; or
- (c) not indigenous to the area concerned.

A handwritten signature in blue ink, appearing to read "M Warnock".

M Warnock  
MANAGER  
NATIVE VEGETATION CONSERVATION BRANCH

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

16 May 2013

# Plan 5554/1



## LEGEND

- |   |  |
|---|--|
| <p>Cadastral for labelling<br/>Local Government<br/>Authorities</p> <p>Perth Metropolitan Area<br/>Central 15cm Orthomosaic -<br/>Landgate 2012</p> <p>Road Centrelines</p> | <p>Clearing Instruments</p> <p>Areas Approved to Clear</p> |
|---|--|



Scale 1:600  
(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 16/5/13

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.



Department of  
Environment and Conservation

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



## 1. Application details

### 1.1. Permit application details

Permit application No.: 5554/1  
Permit type: Area Permit

### 1.2. Proponent details

Proponent's name: City of Wanneroo

### 1.3. Property details

Property: LOT 15454 ON PLAN 40340 (House No. 67 OCEAN QUINNS ROCKS 6030)  
OCEAN DRIVE ROAD RESERVE ( QUINNS ROCKS 6030)

Local Government Area: City of Wanneroo

Colloquial name:

### 1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
0.1		Mechanical Removal	Building or Structure

### 1.5. Decision on application

Decision on Permit Application: Grant  
Decision Date: 16 May 2013

## 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
Hedde vegetation complex: Quindalup Complex: 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 <i>Melaleuca lanceolata</i> (Rottnest Teatree) - <i>Callitris preissii</i> (Rottnest Island Pine) and the closed scrub of <i>Acacia rostellifera</i> (Summer-scented Wattle) (Hedde et al 1980).	The proposed clearing of 0.1 hectares within Lot 15454 on Deposited Plan 40340 and Ocean Drive road reserve is for the purpose of constructing a universal access way (ramp) to a coastal amenity building and car park.  The vegetation proposed to be cleared is in good to degraded (Keighery, 1994) condition and is Open Low Heath to Shrubland consisting of mainly weeds and 2 native species; <i>Tetragonia decumbens</i> and <i>Gazania linearis</i> (DEC, 2013).  The vegetation proposed to be cleared is on the western side of Ocean Drive. The proposed area is located between a car park to the east, car park access road to the south and pedestrian footpath to the north. The application area is a 1000 square metre isolated patch of vegetation.	Good: Structure significantly altered by multiple disturbance; retains basic structure/ability to regenerate (Keighery 1994).  To  Degraded: Structure severely disturbed; regeneration to good condition requires intensive management (Keighery 1994).	The vegetation condition and description was determined from photographs supplied by the City of Wanneroo (2013a), and site visit by Department of Environment and Conservation officers on the 26 April 2013 (DEC, 2013).

## 3. Assessment of application against clearing principles

### Comments

The application is to clear up to 0.1 hectares of native vegetation for the purpose of constructing a universal access way to an amenity building, car park and beach access way. The vegetation is in a good to degraded (Keighery, 1994) condition and consists of mainly weeds and two native species; *Tetragonia decumbens*, *Gazania linearis* (DEC, 2013).

The local area (5 kilometre radius) has been extensively cleared for residential, industrial and recreational purposes, with approximately 30 percent native vegetation remaining. Approximately two thirds of the remaining vegetation in the local area is held in Bush Forever areas and the proposed clearing is within Forever Site 397. The proposed clearing may impact the environmental values of this conservation area through the introduction or spread of weeds and dieback. Weed and dieback management measures will minimise this impact.

There are no known records of rare or priority flora species and threatened ecological communities in the vicinity of the project. The vegetation under application is well represented, with the Quindalup Complex (Hedde et al., 1980) retaining more than 60 percent of the pre-European extent within the Swan Coastal Plain IBRA bioregion (Shepherd, 2007).

Considering the above, and given the area contains vegetation in good to degraded (Keighery, 1994) condition the proposed clearing of 0.1 hectares is unlikely to have a detrimental impact on fauna habitat, flora or ecological communities of conservation significance or consist of an area of high biodiversity.

The area under application is not associated with any known watercourse or wetlands. The nearest mapped water bodies are the coastal waterline and an earth dam, approximately 65 metres west and 850 metres south east of the application area respectively. Given the coastal location and sandy soils of the application area, the proposed clearing may result in soil erosion during works, however impacts are likely to be minimal as the application area is small (0.1 hectares).

Considering the above, the proposed clearing may be at variance to principle (h) and is not likely to be at variance to the remaining clearing principles.

#### Methodology

##### References

- DEC (2013)
- Government of Western Australia (2013)
- Heddle et al (1980)
- Keighery (1994)
- Shepherd (2007)

##### GIS databases:

- Bushforever
- DEC Managed Lands
- Perth Metropolitan Area Central 15cm Orthomosaic - Landgate 2012
- Heddle Vegetation Complexes
- Hydrography, linear
- NWLRA, Extent of Native Vegetation
- SAC Bio datasets (Accessed 2 April 2013)
- Soils, Statewide

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

#### Comments

The City of Wanneroo proposes to clear 0.1 hectares of native vegetation for the purpose of constructing a universal access way (ramp) from Ocean Drive to an amenity building, car park and beach access way.

The application area is zoned Parks and Recreation under the Metropolitan Regional Scheme.

The application area is within the Fred Stubbs Memorial Grove Foreshore Reserve 22915 (City of Wanneroo, 2013a) and Bush Forever site 397.

The Department of Planning advised it does not support the proposed clearing within Bush Forever Site 397 as an informal path already exists directly to the north of the proposed clearing site and information justifying the reason why the whole of the area needs to be cleared was lacking (Department of Planning, 2013). The Department of Planning recommended the City of Wanneroo provide more information on this matter. In response, the City of Wanneroo advised the existing pedestrian access is a stairway and that there is no flat designated pedestrian access pathway for community members with prams and wheelchairs (City of Wanneroo, 2013b). As a result, people are utilising the designated vehicle roadway for access resulting in vehicle - pedestrian conflicts and members of the public have requested safer access to the facilities (City of Wanneroo, 2013b). The entire 0.1 hectare will need to be cleared for this access way construction in order to meet Australian design guidelines for slope gradient (City of Wanneroo, 2013b).

The City of Wanneroo advised it has processed a Development Application internally and the document will be sent to the Western Australia Planning Commission for review and assessment (City of Wanneroo, 2013b).

No submissions from the public have been received.

There are no Aboriginal sites of significance mapped within the application area.

#### Methodology

##### References

- City of Wanneroo (2013a)
- City of Wanneroo (2013b)
- Department of Planning (2013)

##### GIS databases:

- Aboriginal Sites of Significance
- Bushforever
- Metropolitan Regional Scheme

## 4. References

- City of Wanneroo (2013a) Application form and supporting documents for clearing application CPS 5554/1. Lot 15454 on Deposited Plan 40340, Quinns Rock and Ocean Drive road reserve, Milpara. DEC Ref. A612041.
- City of Wanneroo (2013b) Additional information for the proposed clearing within Bush forever 397 - CPS 5554/1 Application. Lot 15454 on Deposited Plan 40340, Quinns Rock and Ocean Drive road reserve, Milpara. DEC Ref. A626865.
- DEC (2013) Site Inspection Report for Clearing Permit Application CPS 5554/1 Application form and supporting documents for clearing application. Lot 15454 on Deposited Plan 40340, Quinns Rock and Ocean Drive road reserve, Milpara Site inspection undertaken 26/04/2013. Department of Environment and Conservation, Western Australia. DEC Ref. A626298.
- Department of Planning (2013) Bush forever Advice for CPS 5554/1 - Lot 15454 on Deposited Plan 40340, Quinns Rock and Ocean Drive road reserve, Milpara. Department of Planning, Western Australia. DEC Ref. A619076.
- Hedde, E. M., Loneragan, O. W., and Havel, J. J. (1980) Vegetation Complexes of the Darling System, Western Australia. In Department of Conservation and Environment, Atlas of Natural Resources, Darling System, Western Australia.
- 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. (2007) 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.
- 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)