



## CLEARING PERMIT

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

<b>Purpose Permit number:</b>	CPS 5710/1
<b>Permit Holder:</b>	City of Wanneroo
<b>Duration of Permit:</b>	From 18 January 2014 to 18 January 2019

### ADVICE NOTE:

This Permit does not confer upon the Permit Holder authorisation to access the land to which the Permit relates.

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 dual use pathway, fencing, coastal lookout and beach access stair case.

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

Lot 9131 on Plan 10182 (Reserve 32978), Yanchep  
Lot 15451 on Deposited Plan 40341 (Reserve 20561), Eglinton  
Brazier Road reserve (PIN 11750430), Eglinton

#### 3. Area of Clearing

The Permit Holder must not clear more than 0.08 hectares of native vegetation within the area shaded yellow on attached Plan 5710/1a.

#### 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 the activities described in condition 1 of this Permit to the extent that the Permit Holder has the power to carry out works involving clearing for those activities under the *Local Government Act 1995* or any other written law.

## **PART II – MANAGEMENT CONDITIONS**

### **1. Dieback and 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* and *dieback*:

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

### **2. Retain vegetative material, revegetation and rehabilitation**

The Permit Holder shall:

- (a) retain the vegetative material removed by clearing authorised under this Permit and stockpile the vegetative material and topsoil in an area that has already been cleared.
- (b) within 6 months following clearing authorised under this permit, *revegetate* and *rehabilitate* the areas cross-hatched red on attached Plan 5710/1b by:
  - (i) re-shaping the surface of the land so that it is consistent with the surrounding 5 metres of uncleared land; and
  - (ii) laying the vegetative material retained under condition 2(a) on the areas cross-hatched red on attached Plan 5710/1b.
  - (iii) deliberately *planting* and/or *direct seeding* native vegetation that will result in a similar species composition, structure and density of native vegetation to pre-clearing vegetation types in that area; and
  - (iv) ensuring only *local provenance* seeds and propagating material are used to *revegetate* and *rehabilitate* the area.
- (c) within 18 months of undertaking *revegetation* and *rehabilitation* in accordance with condition 2(b) of this Permit:
  - (i) engage an *environmental specialist* to determine the species composition, structure and density of the area *revegetated* and *rehabilitated*; and
  - (ii) where, in the opinion of an *environmental specialist*, the composition structure and density determined under condition 2(c)(i) of this Permit will not result in a similar species composition, structure and density to that of pre-clearing vegetation types in that area, the Permit Holder must undertake additional *planting* or *direct seeding* of native vegetation in accordance with the requirements of condition 2(b)(iii) and (iv) of this Permit.
- (d) Where additional *planting* or *direct seeding* of native vegetation is undertaken in accordance with condition 2(c)(ii) of this permit, the Permit Holder shall repeat condition 2(c)(i) and 2(c)(ii) within 24 months of undertaking the additional *planting* or *direct seeding* of native vegetation.
- (e) Where a determination by an *environmental specialist* that the composition, structure and density within areas *revegetated* and *rehabilitated* will result in a similar species composition, structure and density to that of pre-clearing vegetation types in that area, as determined in condition 2(c)(i) and (ii) of this permit, that determination shall be submitted for the CEO's consideration. If the CEO does not agree with the determination made under condition 2(c)(ii), the CEO may require the Permit Holder to undertake additional *planting* and *direct seeding* in accordance with the requirements under condition 2(c)(ii).

### **PART III - RECORD KEEPING AND REPORTING**

#### **3. Records must be kept**

The Permit Holder must maintain the following records in relation to the *revegetation* and *rehabilitation* of areas pursuant to condition 2 of this Permit:

- (a) the location of any areas *revegetated* and *rehabilitated*, recorded using a Global Positioning System (GPS) unit set to Geocentric Datum Australia 1994 (GDA94), expressing the geographical coordinates in Eastings and Northings or decimal degrees;
- (b) a description of the *revegetation* and *rehabilitation* activities undertaken;
- (c) the size of the area *revegetated* and *rehabilitated* (in hectares);
- (d) the species composition, structure and density of *revegetation* and *rehabilitation*, and
- (e) a copy of the environmental specialist's report.

#### **4. 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 3 of this Permit; and
  - (ii) concerning activities done by the Permit Holder under this Permit between 1 January to 31 December of the preceding calendar year.
- (b) If no clearing authorised under this Permit was undertaken between 1 January to 31 December of the preceding calendar year, a written report confirming that no clearing under this permit has been carried out, must be provided to the CEO on or before 30 June of each year.
- (c) Prior to 18 October 2018, the Permit Holder must provide to the CEO a written report of records required under condition 3 of this Permit where these records have not already been provided under condition 4(a) of this Permit.

### **DEFINITIONS**

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

*dieback* means the effect of *Phytophthora* species on native vegetation;

*direct seeding* means a method of re-establishing vegetation through the establishment of a seed bed and the introduction of seeds of the desired plant species;

*dry conditions* means when soils (not dust) do not freely adhere to rubber tyres, tracks, vehicle chassis or wheel arches;

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

*environmental specialist*: means a person who holds a tertiary qualification in environmental science or equivalent, and has experience relevant to the type of environmental advice that an environmental specialist is required to provide under this Permit, or who is approved by the CEO as a suitable environmental specialist;

*local provenance* means native vegetation seeds and propagating material from natural sources within 50 kilometres and the same Interim Biogeographic Regionalisation for Australia (IBRA) subregion of the area cleared;

*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;

*optimal time* means the period from May to July for undertaking *planting*;

*planting* means the re-establishment of vegetation by creating favourable soil conditions and planting seedlings of the desired species;

*regenerate/ed/ion* means re-establishment of vegetation from in situ seed banks and propagating material (such as lignotubers, bulbs, rhizomes) contained either within the topsoil or seed-bearing *mulch*;

*rehabilitate/ed/ion* means actively managing an area containing native vegetation in order to improve the ecological function of that area;

*revegetate/ed/ion* means the re-establishment of a cover of *local provenance* native vegetation in an area using methods such as natural *regeneration*, *direct seeding* and/or *planting*, so that the species composition, structure and density is similar to pre-clearing vegetation types in that area; and

*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 former Department of Environment and Conservation Regional Weed Assessments, regardless of ranking; or
- (c) not indigenous to the area concerned.

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M Warnock  
MANAGER  
NATIVE VEGETATION CONSERVATION BRANCH

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

19 December 2013

# Plan 5710/1a



## LEGEND

-  Road Centrelines
-  Clearing Instruments
-  Areas Approved to Clear
-  Perth Metropolitan Area
-  North 15cm Orthomosaic - Landgate 2012



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 19/12/13  
 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.

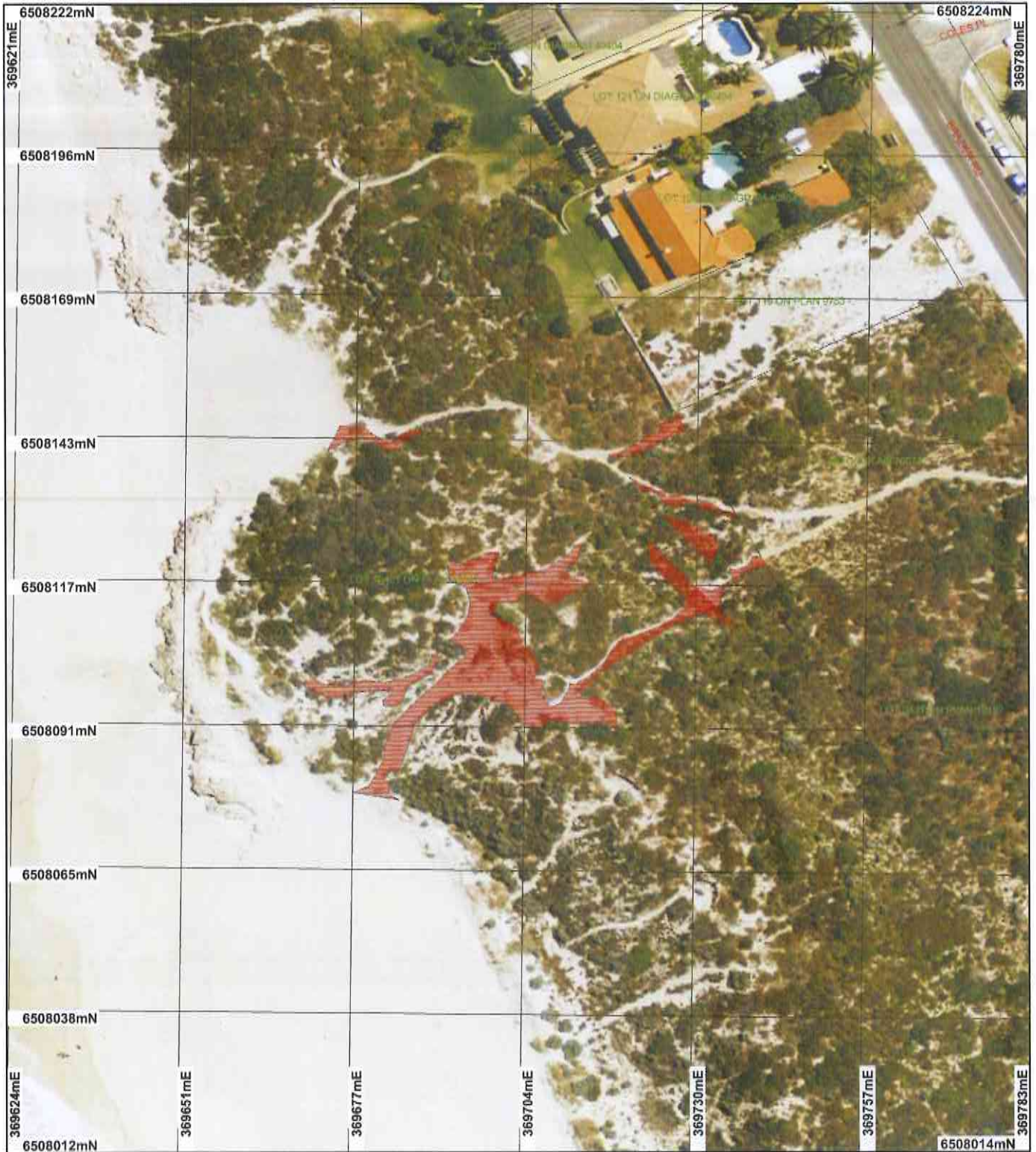


Government of Western Australia  
 Department of Environment Regulation



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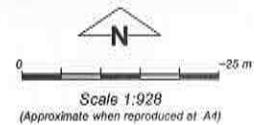
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# Plan 5710/1b



## LEGEND

-  Road Centrelines
-  Cadastre
-  Clearing Instruments
-  Areas Subject to Conditions
-  Perth Metropolitan Area
-  North 15cm Orthomosaic - Landgate 2012



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

*M. Warnock* Date 19/12/13

M. Warnock  
 Officer with delegated authority under Section 20 of the Environmental Protection Act 1986  
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# Clearing Permit Decision Report

## 1. Application details

### 1.1. Permit application details

Permit application No.: 5710/1  
Permit type: Purpose Permit

### 1.2. Proponent details

Proponent's name: City of Wanneroo

### 1.3. Property details

Property: LOT 9131 ON PLAN 10182 (House No. 53 BRAZIER YANCHEP 6035)  
LOT 15451 ON PLAN 40341 (House No. 501L PIPIDINNY EGLINTON 6034)  
ROAD RESERVE ( YANCHEP 6035)  
Local Government Area: City of Wanneroo  
Colloquial name:

### 1.4. Application

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

### 1.5. Decision on application

Decision on Permit Application: Grant  
Decision Date: 19 December 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
Mapped Beard vegetation association 1007 is described as mosaic: Shrublands; Acacia lasiocarpa & Melaleuca acerosa heath / Shrublands; Acacia rostellifera & Acacia cyclops thicket (Shepherd et al. 2001).	The clearing of 0.08 hectares is for the purpose of constructing a dual use pathway, fence line, coastal lookout and beach access staircase within Reserves 32978 and 20561, and Brazier Road reserve, Eglinton.	Very Good: Vegetation structure altered; obvious signs of disturbance (Keighery 1994)	The vegetation condition was established through aerial photography and photos provided by the applicant (City of Wanneroo 2013) and aerial photography (Perth Metropolitan North 15cm Orthomosaic - Landgate 2011).
Mapped Heddle vegetation complex Quindalup complex is described as 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) (Heddle et al. 1980).		To  Degraded: Structure severely disturbed; regeneration to good condition requires intensive management (Keighery 1994)	The vegetation under application consists of Scaevola crassifolia, Olearia axillaris open heath, Scaevola crassifolia, Myoporum insulare heath, Scaevola crassifolia, Frankenia paucifolia heath and bare sand areas with cliff or steep slopes largely bare of vegetation in very good to degraded (Keighery 1994) condition (City of Wanneroo 2013).

## 3. Assessment of application against clearing principles

### Comments

The application is to clear up to 0.08 hectares of native vegetation for the purpose of installing beach access to Yanchep Beach. The vegetation under application consists of Scaevola crassifolia, Olearia axillaris open heath, Scaevola crassifolia, Myoporum insulare heath, Scaevola crassifolia, Frankenia paucifolia heath and bare sand areas with cliff or steep slopes largely bare of vegetation in very good to degraded (Keighery 1994) condition (City of Wanneroo, 2013).

There are no rare or priority flora species or threatened ecological communities in the vicinity of the project. The vegetation to be cleared is well represented in the local area (Beard vegetation association 1007, 71 per cent and Heddle vegetation Quindalup Complex, 41 per cent) and occurs in an area that is surrounded by

vegetation (60 per cent within a 10 kilometre radius) of similar type and condition as the proposed application area. Therefore, the application area is unlikely to contain high biodiversity or is a significant remnant in a highly cleared area.

Given the clearing consists of 0.08 hectares and the local area (10 kilometre radius) is highly vegetated (60 per cent), it is unlikely for the proposed clearing to contain significant fauna habitat, cause or exacerbate land degradation or flooding or impact on water quality.

No watercourses or wetlands occur within or in close proximity to the application area.

The proposed clearing is within Bush Forever site 397 (Coastal Strip from Wilbinga to Mindarie). The proposed clearing will impact the environmental values of this conservation area through the introduction or spread of weed and dieback and the direct clearing of 0.08 hectares. Weed and Dieback management measures and revegetating previously cleared areas will minimise impacts to this Bush Forever site.

The assessment of the application identified that the clearing is at variance to clearing principle (h) and is not likely to be at variance to the remaining clearing principles.

#### Methodology

##### References

- City of Wanneroo (2013)
  - Keighery (1994)
- ##### GIS Databases
- DER Managed Lands
  - Bush Forever
  - Hydrography, linear
  - Pre-European vegetation
  - Hedde Vegetation Complex
  - NLWRA, Current Extent of Native Vegetation

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

##### Comments

The clearing of 0.08 hectares is for the purpose of constructing a dual use pathway, fence line, coastal lookout and beach access staircase within Reserve 32978 and 20561, Eglinton. The City of Wanneroo is proposing to create community facilities to ensure that the community has safe access to the coastline and to reduce uncontrolled access throughout the vicinity of the foreshore.

The City of Wanneroo (2013) proposes to revegetate 0.0458 hectares of old tracks and 0.0177 hectares of disturbed areas no longer required after clearing.

The Western Australian Planning Commission has granted approval to commence development (WAPC, 2013).

The application area is zoned Parks and Recreation under the Metropolitan Regional Scheme. The City of Wanneroo holds a management order over the property for the purpose of public recreation.

No submissions from the public have been received.

##### Methodology

##### References

- City of Wanneroo (2013)
  - WAPC (2013)
- ##### GIS Databases
- Metropolitan Regional Scheme

#### 4. References

- City of Wanneroo (2013) Clearing application for Lot 9131 on Plan 10182 and Lot 15451 on Plan 40341, Yanchep and supporting information. DER ref 652247
- 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., Beeston, G.R., and Hopkins, A.J.M. (2001), Native Vegetation in Western Australia. Technical Report 249. Department of Agriculture Western Australia, South Perth.
- WAPC (2013) Approval to Commence Development, 3 December 2013. Western Australian Planning Commission (DER Ref: A704253).