



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

Purpose Permit number:	CPS 7387/1
Permit Holder:	City of Wanneroo
Duration of Permit:	From 11 March 2017 to 11 March 2022

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 removing asbestos containing building material.

2. Land on which clearing is to be done

Lot 4144 on Deposited Plan 160667, Carabooda.

3. Area of Clearing

The Permit Holder must not clear more than 0.042 hectares of native vegetation within the area hatched yellow on attached Plan 7387/1.

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 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

6. Avoid, minimise etc clearing

In determining the amount of native vegetation to be cleared for each *minor infrastructure project*, 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.

7. 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) ensure that no *dieback* or *weed*-affected soil, *mulch*, *fill* or other material is brought into the area to be cleared;
- (c) restrict the movement of machines and other vehicles to the limits of the areas to be cleared; and
- (d) where *dieback* or *weed*-affected soil, *mulch*, *fill* or other material is to be removed from the area to be cleared, ensure it is transferred to areas of comparable *soil disease status*.

DEFINITIONS

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

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

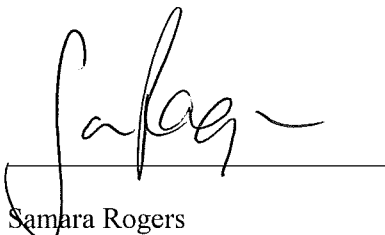
fill means material used to increase the ground level, or fill a hollow;

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;

soil disease status means soil types either infested, not infested, uninterpretable or not interpreted with a pathogen.

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 a Department of Parks and Wildlife Regional Weed Rankings Summary, regardless of ranking; or
- (c) not indigenous to the area concerned.



Samara Rogers
A/ MANAGER
CLEARING REGULATION






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

9 February 2017

Plan 7387/1



Legend

-  Cadastre
-  Roads
-  Imagery
-  Clearing Instruments Activities
-  Local Government Authority



1:1,638

(Approximate when reproduced at A4)

GDA 94 (Lat/Long)

Geocentric Datum of Australia 1994

Samara Rogers Date *4/2/2017*

Officer with delegated authority under Section 20 of the Environmental Protection Act 1986



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1. Application details

1.1. Permit application details

Permit application No.: 7387/1
Permit type: Purpose Permit

1.2. Applicant details

Applicant's name: City of Wanneroo

1.3. Property details

Property: LOT 4144 ON PLAN 160667, CARABOODA
Local Government: WANNEROO, CITY OF
Authority:
DER Region: Greater Swan
DPaW District: SWAN COASTAL
Localities: CARABOODA

1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
0.042		Mechanical Removal	Removing asbestos

1.5. Decision on application

Decision on Permit Application: Granted
Decision Date: 9 February 2017
Reasons for Decision: The clearing permit application was received on 2 December 2016 and has been assessed against the clearing principles, planning instruments and other matters in accordance with section 51O of the *Environmental Protection Act 1986*, and it has been concluded that the proposed clearing may be at variance to principle (h) and is not likely to be at variance to the remaining principles.

The Delegated Officer has determined that the proposed clearing is not likely to result in any significant environmental impacts.

Implementing hygiene management practices will limit the risk of weeds and dieback spreading within conservation estate.

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
The application area is mapped as: Beard Vegetation Association 998 which is described as medium woodland; tuart (Shepherd et al., 2001); and Hedde vegetation Cottesloe complex-central and south which is comprised of woodland and open forest and closed heath (Hedde et al., 1980).	The application is for the proposed clearing of 0.042 hectares of native vegetation within Lot 4144 on Deposited Plan 160667, Carabooda, for the purpose of removing asbestos containing building material.	Good: Structure significantly altered by multiple disturbance; retains basic structure/ability to regenerate (Keighery 1994). To: Completely Degraded; No longer intact, completely/almost completely without native species (Keighery, 1994).	The condition and description of the vegetation within the application area was determined via photographs provided by the City of Wanneroo (City of Wanneroo, 2016).

3. Assessment of application against clearing principles

Comments The application is to clear up to 0.042 hectares of native vegetation within Lot 4144 on Deposited Plan 160667, Carabooda, for the purpose of removing asbestos containing building material. The condition of the vegetation within the application area was determined via photographs provided by the City of Wanneroo and the vegetation condition is considered to be in a good to completely degraded (Keighery, 1994) condition, mostly consisting of a previously cleared access way (City of Wanneroo, 2016).

The application area is located within Bush Forever Site 130, which occupies an area of approximately 91.95 hectares and is managed by the City of Wanneroo. The proposed clearing may impact upon the Bush Forever site by increasing edge effects such as increased light and the spread of weeds and dieback. Therefore, the proposed clearing may be at variance to Principle (h). Weed and dieback mitigation measures will assist in minimising this risk.

Nine fauna species listed as rare or likely to become extinct have been mapped within the local area (10 kilometre radius) (Department of Parks and Wildlife, 2007-), including the Carnaby's cockatoo. Given that the application area is surrounded by Bush Forever Site 130 which contains vegetation in excellent condition, it is considered that the application area is not likely to contain significant foraging habitat for fauna indigenous to Western Australia.

One threatened ecological community (TEC) is mapped 300 meters from of the application area. 'Melaleuca huegelii - Melaleuca acerosa (currently M. systema) shrublands on limestone ridges' (floristic community type 26a) is found on limestone ridges around Yanchep north of Perth and south of Perth near Lake Clifton. The TEC mapped does not occur within the same vegetation and soil type as the application area. Considering this, it is unlikely the proposed clearing will impact on the conservation status of this TEC.

No rare or priority flora species are mapped within the application area. The rare and priority flora mapped within the local area are not likely to be impacted given the small extent and linear nature of the application area.

The assessment of the proposed clearing identified that it is not considered likely for the application area to comprise of a high level of biological diversity, contain significant fauna habitat, contain habitat suitable for rare or priority flora species, consist of a TEC and is not likely to lead to land degradation in the form of wind or water erosion or increase in the incidence or intensity of flooding.

The assessment of the application identified that the proposed clearing may be at variance to Principle (h) and is not likely to be at variance to the remaining Principles. Implementing hygiene management practices will limit the risk of weeds and dieback spreading within conservation estate.

Methodology

References:
City Of Wanneroo (2016)
Keighery (1994)
Shah (2006)
Valentine and Stock (2008)

GIS Databases:
- SAC Bio Datasets accessed January 2017
- Hydrography linear
- NLWRA, Current Extent of Native Vegetation
- Pre-European vegetation
- Soils, Statewide

Planning instruments and other relevant matters.

Comments

The application is to clear 0.042 hectares of native vegetation within Lot 4144 on Deposited Plan 160667, Carabooda, for the purpose of removing asbestos containing building material.

The Department of Water (DoW) has advised that it has no objection to the clearing of native vegetation for asbestos contamination removal (DoW, 2016).

The application area is zoned parks and recreation under the town planning scheme.

The clearing permit application was advertised in *The West Australian* newspaper on 2 December 2016 with a 7 day submission period. No public submissions have been received in relation to the proposed clearing.

Methodology

References:
- Department of Water (2016)

GIS Databases:
- Town Planning Scheme Zones

4. References

- City of Wanneroo (2016) Supporting information for application CPS 7387/1. DER ref A1335880
- Department of Water (2016) Advice - Clearing Permit Application CPS 7387/1. Received 12/08/2016. DER Ref: A1357196
- Department of Parks and Wildlife (2007-) NatureMap: Mapping Western Australia's Biodiversity. Department of Parks and Wildlife. URL: <http://naturemap.dpaw.wa.gov.au/>. Accessed February 2017
- Government of Western Australia (2015). 2015 Statewide Vegetation Statistics incorporating the CAR Reserve Analysis (Full Report). Current as of June 2015. Western Australia Department of Parks and Wildlife, Perth.
- 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.
- Shah, B. (2006) Conservation of Carnaby's Black-Cockatoo on the Swan Coastal Plain, Western Australia. December 2006. Carnaby's Black-Cockatoo Recovery Project. Birds Australia, Western Australia.
- Shepherd, D.P., Beeston, G.R. and Hopkins, A.J.M. (2001) Native Vegetation in Western Australia, Extent, Type and Status. Resource Management Technical Report 249. Department of Agriculture, Western Australia.
- Valentine, L.E. and Stock, W. (2008) Food Resources of Carnaby's Black Cockatoo (*Calyptorhynchus latirostris*) in the Gnaragar Sustainability Strategy Study Area. Edith Cowan University and Department of Environment and Conservation. December 2008.