



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

Purpose Permit number:	CPS 5396/1
Permit Holder:	City of Swan
Duration of Permit:	From 1 February 2013 to 1 February 2018

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 car park.

2. Land on which clearing is to be done

Lot 10628 on Deposited Plan 186880, GIDGEGANNUP

3. Area of Clearing

The Permit Holder must not clear more than 0.23 hectares of native vegetation within the area hatched yellow on attached Plan 5396/1.

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 authorized

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.

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:

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

8. 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.

PART III - RECORD KEEPING AND REPORTING

9. Records must be kept

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

- (a) the species composition, structure and density of the cleared area;
- (b) 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;
- (c) the date that the area was cleared; and
- (d) the size of the area cleared (in hectares).

10. 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 9 of this Permit; and
 - (ii) concerning activities done by the Permit Holder under this Permit between 1 July to 30 June of the preceding financial year.
- (b) If no clearing authorised under this Permit was undertaken between 1 July to 30 June of the preceding financial 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 1 November 2017 the Permit Holder must provide the CEO a written report of records required under condition 9 of this Permit where these records have not already been provided under condition 10(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;

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;

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; and

weed/s means any plant -

- (a) that is declared under section 37 of the *Agriculture and Related Resources Protection Act 1976*;
or
- (b) published in the Department of Environment and Conservation Regional Weed Assessments, regardless of ranking; or
- (c) not indigenous to the area concerned.



M Warnock
A/MANAGER
NATIVE VEGETATION CONSERVATION BRANCH

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

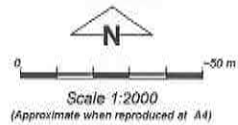
10 January 2013

Plan 5396/1



LEGEND

- Local Government Authorities
- Cadastre for labelling
- Road Centrelines
- Clearing Instruments
- Areas Approved to Clear
- Mundaring 1m Orthomosaic - Landgate 2000



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 10/1/13
 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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1. Application details

1.1. Permit application details

Permit application No.: 5396/1
Permit type: Purpose Permit

1.2. Proponent details

Proponent's name: City of Swan

1.3. Property details

Property: LOT 10628 ON PLAN 186880 (House No. 1990 TOODYAY GIDGEGANNUP 6083)
Local Government Area: City of Swan
Colloquial name:

1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
0.23		Mechanical Removal	Road construction or maintenance

1.5. Decision on application

Decision on Permit Application: Grant
Decision Date: 10 January 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
The vegetation under application is mapped as:	The proposed clearing of 0.23 ha within Lot 10628 is for the purpose of constructing a carpark.	Very Good: Vegetation structure altered; obvious signs of disturbance (Keighery 1994).	The vegetation condition and description was determined from a site visit by Department of Environment and Conservation officers on the 11 December 2012 (DEC, 2012).
Beard vegetation association: 3: Medium forest; Jarrah-marri. (Shepherd et al., 2001).	The vegetation is considered to be in very good (Keighery, 1994) condition and consists of Jarrah forest with a diverse understorey of Banksia sessilis, Hibbertia hypericoides, Daviesia angulata, Patersonia occidentalis, Xanthorrhoea preissi, Kennedia prostrata, Bossiaea pulchella and other native shrubs and herbs (DEC, 2012).		
Mattiske vegetation complex: Yg:1: Open forest of Eucalyptus marginata subsp. Marginata-Corymbia calophylla on slopes with mixtures of Eucalyptus patens and Eucalyptus megacarpa on the valley floors in humid and subhumid zones (Mattiske and Havel 1998).			
Hedde vegetation complex: Yarragil Complex (Minimum Develop-/Permanent Swamps) in medium to high rainfall: Open forest; Darling plateau - minor valleys (Hedde et al 1980).			

3. Assessment of application against clearing principles

Comments

The application is to clear up to 0.23 hectares of native vegetation for the purpose of constructing a carpark. The native vegetation under application is considered to be in very good (Keighery, 1994) condition and consists of Jarrah forest (DEC, 2012).

There are no rare flora or threatened ecological communities identified in the vicinity of the application and the vegetation to be cleared is well represented in the local area (10 km radius) with approximately 70 per cent remaining. A site inspection did not identify rare or priority flora within the application area (DEC 2012). It is also not considered for the application area to contain suitable habitat for the rare flora species recorded within the local area (10 km radius) (DEC 2012, WA Herbarium 1998). Therefore, the proposed clearing is not considered to be at variance to principles (a), (c), (d) or (e).

The application area may contain foraging habitat for the conservation significant species, Carnaby's Cockatoo (*Calyptorhynchus latirostris*) however given the small (0.23 hectares) area proposed to be cleared, it is not considered that the proposed clearing will impact on significant fauna habitat. In addition, no hollows were observed within the application area and therefore the clearing will not impact on nesting habitat for this species. The proposed clearing is not likely to be at variance to principle (b).

The proposed clearing is within a Land For Wildlife site. Land for Wildlife is a voluntary scheme that assists private landholders to provide habitats for wildlife on their property. *Phytophthora cinnamomi* is suspected to be present within the application area (DEC, 2012), therefore weed and dieback measures will help reduce the impact of the proposed clearing on this conservation area. The proposed clearing may be at variance to principle (h).

No wetlands or watercourses occur in close proximity to the application area. Therefore, it is not considered for the clearing to include riparian vegetation, cause appreciable land degradation, impact on water quality or cause flooding. The proposed clearing is not likely to be at variance to principles (f), (g), (i) and (j).

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

Methodology

References

- Keighery (1994)
- DEC (2012)
- WA Herbarium (1998)

GIS databases:

- Mundaring 1m Orthomosaic - Landgate 2000
- Heddle Vegetation Complexes
- Matiske Vegetation Complexes
- Pre-European vegetation
- SAC Bio datasets (Accessed 5 December 2012)
- Hydrography, linear
- DEC Managed Lands
- NWLRA, Extent of Native Vegetation
- Soils, Statewide

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

Comments

The clearing of 0.23 hectares is for the purpose of constructing a car park.

Lot 10628 is zoned under the Local Town Planning Scheme for recreation.

A previous clearing permit application (CPS 1014/1) occurred on Lot 10628 for sporting facilities which was withdrawn.

One submission from the public has been received. Concerns raised in this submission have been addressed above.

Methodology

GIS databases:

- Town Planning Scheme Zones

4. References

- DEC (2012) Site Inspection Report for Clearing Permit Application CPS 5396/1, City of Swan, Lot 10628 on Deposited Plan 186880 - Reserve 39173, Gidgegannup. Site inspection undertaken 11/12/2012. Department of Environment and Conservation, Western Australia, DEC Ref. A579055 and A584182.
- Government of Western Australia (2011); 2011 Statewide Vegetation Statistics incorporating the CAR Reserve Analysis (Full Report). WA Department of Environment and Conservation, Perth.
- Keighery, B.J. (1994) Bushland Plant Survey: A Guide to Plant Community Survey for the Community. Wildflower Society of WA (Inc). Nedlands, Western Australia.
- Matiske, E.M. and Havel, J.J. (1998) Vegetation Complexes of the South-west Forest Region of Western Australia. Maps and report prepared as part of the Regional Forest Agreement, Western Australia for the Department of Conservation and Land Management and Environment 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.
- Western Australian Herbarium (1998) FloraBase - The Western Australian Flora. Department of Environment and Conservation. <http://florabase.dec.wa.gov.au/> (Accessed 02/01/2013).

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)