



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

PERMIT DETAILS

Area Permit Number: 5071/1

File Number: 2012/003614-1

Duration of Permit: From 27 July 2012 to 27 July 2014

PERMIT HOLDER

Minister for Education

LAND ON WHICH CLEARING IS TO BE DONE

Lot 555 on Deposited Plan 73083, Woodbridge.

AUTHORISED ACTIVITY

The Permit Holder shall not clear more than 31 native trees within the area hatched yellow on attached Plan 5071/1.

CONDITIONS

Nil

A handwritten signature in black ink, appearing to be "Kelly Faulkner", written over a horizontal line.

Kelly Faulkner
MANAGER
NATIVE VEGETATION CONSERVATION BRANCH

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

5 July 2012



1. Application details

1.1. Permit application details

Permit application No.: 5071/1
Permit type: Area Permit

1.2. Proponent details

Proponent's name: Department of Education

1.3. Property details

Property: LOT 555 ON PLAN 73083 (Lot No. 555 CROSBIE WOODBRIDGE 6056)
Local Government Area: City of Swan
Colloquial name:

1.4. Application

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

1.5. Decision on application

Decision on Permit Application: Grant
Decision Date: 5 July 2012

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 area under application is mapped as Heddle vegetation Swan complex consisting of Fringing woodlands of Eucalyptus rudis (Flooded Gum), Melaleuca raphiophylla (Swamp Paperbark) with localised occurrence of low open forest of Casuarina obesa (Swamp Sheoak) and Melaleuca cuticularis (Saltwater Paperbark) (Hedde, 1980).	The application proposes to clear 31 native trees within Lot 555 on Deposited Plan 73083, Woodbridge for the purpose of upgrading the school oval.	Degraded: Structure severely disturbed; regeneration to good condition requires intensive management (Keighery 1994).	The condition of the vegetation was obtained through photographs provided in the application (Banks, 2012) and aerial imagery (Perth Metropolitan central 50cm orthomosaic Landgate, 2011).
	The area under application includes; 22 Casuarina obesa (Salt Sheoak), 8 Eucalyptus rudis (Flooded Gum) and 1 Eucalyptus camaldulensis (River Red Gum).		

Mapped Beard vegetation association 1009 is described as Medium woodland; marri & river gum (Shepherd et al, 2001).

3. Assessment of application against clearing principles

Comments

The application proposes to clear 31 native trees within Lot 555 on Deposited Plan 73083, Woodbridge, for the purpose of upgrading the school oval. Upon clearing clean fill will be brought into the cleared area to provide a level surface. The vegetation is in a degraded condition (Keighery, 1994).

Due to the highly disturbed and degraded nature of the vegetation, it is unlikely to provide significant habitat for indigenous fauna.

The area under application is within an extensively cleared landscape with approximately 16 per cent of Beard Vegetation Association 1009 and Swan vegetation complex remaining in the Swan Coastal Plain Bioregion (Government of Western Australia, 2011). However due to the small size and degraded condition of the vegetation it is not likely to represent a significant remnant.

The application area partially falls within a Multiple Use management category palusplain. The proposed clearing within the mapped wetland includes 22 Casuarina obesa (Swamp Sheoak) and 1 Eucalyptus camaldulensis (River Gum). These species are known to grow in association with wetlands (WA Herbarium, -1998). Therefore the proposed clearing is at variance to principle (f).

Given the above the proposed clearing is at variance to principle (f), and is not likely to be at variance to any other principle.

Methodology

References:

- Government of Western Australia (2011)
- Keighery (1994)
- WA Herbarium (1998)

GIS Databases:

- Clearing Instruments
- Hedde Vegetation
- NatureBase)
- Perth Metropolitan central 50cm orthomosaic - Landgate 2011
- Pre European Vegetation
- SAC Bio Datasets (accessed 10 June 2012)
- WA Herbarium (1998)
- Hydrography, linear
- Geomorphic Wetlands, Swan Coastal Plain

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

Comments

A submission (2012) has been received recommending the following:

- no clearing to occur close to the riparian zone or within 1km of a Carnaby's Cockatoo roost site
- locally native trees be planted on the edge of the school oval
- fill should not be allowed to raise the level of the area.

The vegetation to be cleared does not appear to be growing in association with the Riparian zone of the Swan River which is located 60m west of the proposed clearing (Banks, 2012). The closest mapped Carnaby's Cockatoo roost site occurs 6.5km south east of the proposed clearing. It is a requirement under the Development Approval that a minimum of 26 semi-mature native trees be planted to replace those trees removed as a result of works. Fill will be placed in those areas where clearing has occurred to maintain a level surface across the oval.

Development approval has been granted by the Western Australian Planning Commission with conditions subject to approval by the Swan River Trust (WAPC, 2012). These conditions include the abovementioned revegetation requirement, weed management practices, a land management plan, and confirmation that any fill used is free from rubble, weeds and disease.

The City of Swan has no objection to the proposed clearing and advised that it is the responsibility of the applicant to obtain a Building Licence.

There is one site of Aboriginal significance within the area proposed to clear. It is the proponent's responsibility to comply with the Aboriginal Heritage Act 1972 and ensure that no Aboriginal Sites of Significance are damaged through the clearing process.

Methodology

References:

- WAPC (2012)
- Submission (2012)
- City of Swan (2012)

4. References

- Banks, J. (2012) Arboricultural Report prepared for Donaldson & Warn Architects. Additional Information for CPS 5071/1, Lot 555 on Deposited Plan 73083, Woodbridge. DEC Ref: A506616
- City of Swan (2012) Response to Application 5071/1 to Clear Native Vegetation DEC ref: A516687
- Government of Western Australia (2011); 2011 Statewide Vegetation Statistics incorporating the CAR Reserve Analysis (Full Report). WA Department of Environment and Conservation, 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.
- 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.
- Submission (2012). Response to Application CPS 5071/1 to Clear Native Vegetation. DEC Ref: A515371
- Western Australian Herbarium (1998-) FloraBase - The Western Australian Flora. Department of Environment and Conservation. <http://florabase.dec.wa.gov.au/> (Accessed June 2012).
- Western Australian Planning Commission (2012). Approval Subject to Conditions. Supporting Documentation Received 15/06/2012. DEC Ref: A515085

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)