



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

PERMIT DETAILS

Area Permit Number: 5638 / 1
File Number: 2013/003450-1
Duration of Permit: From 29 March 2014 to 29 March 2016

PERMIT HOLDER

Coral Dawn Payton

LAND ON WHICH CLEARING IS TO BE DONE

Lot 3 on Diagram 36882 (Binningup 6233)

AUTHORISED ACTIVITY

The Permit Holder shall not clear more than 17 native trees within the combined areas cross-hatched yellow on attached Plan 5638/1.

CONDITIONS

Nil.

M Warnock
MANAGER
NATIVE VEGETATION CONSERVATION BRANCH

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

27 February 2014

Plan 5638/1



LEGEND

- Road Centrelines
 - Cadastre
 - Local Government Authorities
 - Clearing Instruments
 - Areas Approved to Clear
- Bunbury 50cm Orthomosaic -
Landgate 2008



0 150 m

Scale 1:5347
(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 27/2/14
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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Clearing Permit Decision Report

Government of Western Australia
Department of Environment Regulation

1. Application details

1.1. Permit application details

Permit application No.: 5638/1

Permit type: Area Permit

1.2. Proponent details

Proponent's name: Coral Dawn Payton

1.3. Property details

Property: LOT 3 ON DIAGRAM 36882 (Lot No. 3 OLD COAST BINNINGUP 6233)

Local Government Area: Shire of Harvey

1.4. Application

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

1.5. Decision on application

Decision on Permit Application: Grant

Decision Date: 27 February 2014

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 998 is described as medium woodland consisting primarily of Tuart (Shepherd et al, 2001). Mapped Heddlle Vegetation Yoongarillup Complex consists of woodland to tall woodland of Eucalyptus gomphocephala (Tuart) with Agonis flexuosa in the second storey. Less consistently an open forest of Eucalyptus gomphocephala (Tuart), Eucalyptus marginata (Jarrah) and Corymbia calophylla (Marri) (Heddlle et al, 1980).	The clearing consists of 17 trees within Lot 3 on Diagram 36882, Binningup, for the purpose of expanding horticultural activities.	Completely Degraded: No longer intact; completely/almost completely without native species (Keighery 1994)	The vegetation under application consists of isolated mature tuart trees over pasture grasses with weeds (Ecoedge Environmental, 2013). The condition of the vegetation was established via aerial imagery (Bunbury 50cm Orthomosaic - Landgate 2008) and a fauna survey conducted (Ecoedge Environmental, 2013).

3. Assessment of application against clearing principles

Comments

The proposed clearing consists of 17 trees within Lot 3 on Diagram 36882, Binningup, for the purpose of expanding horticultural activities. The vegetation under application consists of isolated mature tuart trees over pasture grasses with weeds (Ecoedge Environmental, 2013). The vegetation is in a completely degraded (Keighery, 1994) condition.

Given that the proposed clearing involves the removal of 17 tuart trees, and there are no native understorey species on site, it is not likely that the proposed clearing will impact upon rare or priority flora species, or threatened or priority ecological communities.

A targeted survey for Carnaby's cockatoo (*Calyptorhynchus latirostris*), Baudin's cockatoo (*Calyptorhynchus baudinii*) and forest red-tailed black cockatoo (*Calyptorhynchus banksii* subsp. *naso*) was undertaken for the 17 trees under application by Ecoedge Environmental (2013). These cockatoos are all classified as "rare or likely to become extinct" under the Wildlife Conservation Act 1950.

The survey identified that all of the trees under application have a diameter of greater than 50 centimetres at breast height, however none of the trees contained hollows suitable for black cockatoo nesting. While these trees may develop suitable breeding hollows for black cockatoos in the future, given the availability of other suitable habitat within the local area (10 kilometre radius), the removal of 17 potential habitat trees is unlikely to significantly impact fauna indigenous to Western Australia.

The local area surrounding the application (10 kilometre radius) is approximately 70 per cent vegetated. The application area is mapped as Beard Vegetation Association 998 (Shepherd et al., 2001) and Heddlle Vegetation Yoongarillup Complex (Heddlle et al 1980). These vegetation types retain approximately 38 and 43 percent of the pre-European vegetation extents within the Swan Coastal IBRA region respectively (Government of Western Australia, 2013).

The closest conservation area to the proposed clearing is Leschenault Peninsula Conservation Park, located approximately five kilometres south west of the application area. Given the small scale of the proposed clearing and distance to conservation areas, the proposed clearing is unlikely to impact on the environmental values of this conservation park.

The nearest mapped watercourse or wetland to the application area is a conservation category wetland, major drain and perennial swamp located 800 metres, one kilometre and 850 metres east of the application area respectively.

Given the small size of the application area (17 tuart trees) and distance to wetlands or watercourses, it is not likely the proposed clearing will cause appreciable land degradation, impact water quality, consist of riparian vegetation or cause or exacerbate the intensity of flooding.

Given the above, the proposed clearing may be at variance to Principle (b) and is not likely to be at variance to the remaining clearing Principles.

Methodology

References:

- Ecoedge Environmental (2013)
- Government of Western Australia (2013)
- Heddle et al., (1980)
- Keighery (1994)
- Shepherd et al., (2001)

GIS Databases:

- DEC Managed Lands
- Hydrography, linear
- NWLRA, Extent of Native Vegetation
- Hydrography, Hierachy
- SAC Bio datasets (Accessed July 2013)

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

Comments

The application area is zoned 'general farming' under the Local Town Planning Scheme.

No submissions from the public have been received for the proposed clearing.

A permit to clear was issued (CPS 5539/1) to the proponent for the removal of four trees within the adjacent Lot 4, for the purpose of expanding horticultural activities.

The vegetation under application falls within the South West Coastal Groundwater area which is an area proclaimed under the Rights in Water and Irrigation Act 1914. The Department of Water (DoW) has advised that the proponent has an agreement to take ground water to use on the property for horticulture purposes, and does not object to the proposed clearing provided that the proposed horticulture expansion is undertaken within the landowners existing water licence allocation (DoW, 2013).

The Shire of Harvey (2014) issued Planning Consent to the proponent for horticulture expansion on 11 February 2014.

Methodology

References:

- Shire of Harvey (2014)
- DoW (2013)

GIS Databases:

- Town Planning Scheme Zones

4. References

- Ecoedge Environmental (2013) Site Visit Report - Black Cockatoo Survey, Lots 3 and 4 on Diagram 36882, Parkfield, Western Australia. DEC Ref. A647058
- Government of Western Australia (2013) 2012 Statewide Vegetation Statistics incorporating the CAR Reserve Analysis (Full Report). Current as of October 2012. WA Department of Environment and Conservation, Perth.
- Heddle, E. M., Loneragan, O. W., and Havel, J. J. (1980) Vegetation Complexes of the Darling System, Western Australia. 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.
- Shire of Harvey (2014) Additional information for Clearing Permit Application CPS 5638/1. DEC Ref A727742