



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

PERMIT DETAILS

Area Permit Number: 7100/1
File Number: 2016/000846-1
Duration of Permit: 18 February 2017 to 18 February 2019

PERMIT HOLDER

Mr Adrian Lee
Mrs Jackie Lee

LAND ON WHICH CLEARING IS TO BE DONE

Lot 498 on Deposited Plan 61506, Roleystone.

AUTHORISED ACTIVITY

The Permit Holder shall not clear more than 0.14 hectares of native vegetation within the area cross hatched yellow on attached Plan 7100/1.

CONDITIONS

Nil.

A handwritten signature in black ink, appearing to read "Mathew Gannaway".

Mathew Gannaway
MANAGER
CLEARING REGULATION

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

19 January 2017

Plan 7100/1

32.11655°S

32.11655°S

116.096627°E

116.096677°E








116.096627°E

116.096677°E

32.118233°S

32.118233°S

Legend

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



1:1,525

(Approximate when reproduced at A4)

GDA 94 (Lat/Long)

Geocentric Datum of Australia 1994

MB Date *19/1/2017*
Matthew Gannaway

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.: 7100/1
Permit type: Area Permit

1.2. Applicant details

Applicant's name: Mr Adrian Lee & Mrs Jackie Lee

1.3. Property details

Property: LOT 498 ON DEPOSTED PLAN 61506, ROLEYSTONE
Colloquial name:
Local Government Authority: ARMADALE, CITY OF
DER Region: Greater Swan
DPaW District: PERTH HILLS
LCDC:
Localities: ROLEYSTONE

1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
0.14		Mechanical Removal	Orchard and Firebreak

1.5. Decision on application

Decision on Permit Application: Granted
Decision Date: 19 January 2017
Reasons for Decision: The clearing permit application received on 30 May 2016 has been assessed against the clearing principles, planning instruments and other matters in accordance with section 51O of the *Environmental Protection Act 1986*. It has been concluded that the proposed clearing is not likely to be at variance to any of the clearing principles.

The Delegated Officer determined that the clearing is unlikely to have any significant environmental impacts.

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
Beard vegetation association 4: Medium woodland; marri & wandoo (Shepherd et al., 2001).	The application is for the proposed clearing of 0.14 hectares of native vegetation within Lot 498 on Deposited Plan 61506, Roleystone, for the purposes of an orchard and firebreak.	Very Good; Vegetation structure altered; obvious signs of disturbance (Keighery, 1994).	The condition and structure of the vegetation within the application area was obtained via a site inspection undertaken by the Department of Environment Regulation (DER) Officers on 11 July 2016.
Heddle vegetation complex Murray In Medium To High Rainfall: Vegetation ranges from open forest of <i>Eucalyptus marginata</i> (Jarrah) - <i>Corymbia calophylla</i> (Marri) - <i>Eucalyptus patens</i> (Swan River Blackbutt) on the slopes to fringing woodland of <i>Eucalyptus rudis</i> (Flooded Gum) - <i>Melaleuca raphiophylla</i> (Swamp Paperbark) on the valley floors (Hedde et al., 2001).			The application area is comprised of closed forest, consisting predominantly of <i>Corymbia calophylla</i> (Marri), <i>Eucalyptus marginata</i> (Jarrah) over a midstorey of <i>Xanthorrhoea preissii</i> (grass trees) and <i>Macrozamia riedlei</i> (DER, 2016).

3. Assessment of application against clearing principles

Comments

The application is for the proposed clearing of 0.14 hectares of native vegetation within Lot 498 on Deposited Plan 61506, Roleystone, for the purposes of an orchard and firebreak. The application area is in a very good (Keighery, 1994) condition (DER, 2016).

A total of eight priority flora species have been mapped within the local area (five kilometre radius) with the closest being, Priority 4 species *Grevillea pimeleoides*, approximately 1.4 kilometres west of the application area.

Priority 4 flora species are considered to have been adequately surveyed, or for which sufficient knowledge is available, and are considered not currently threatened or in need of special protection, but could be if present circumstances change (Jones, 2015). Considering this and the relatively small size of the proposed clearing, it is considered unlikely to impact on the conservation status of *Grevillea pimeleoides* or other priority flora mapped within the local area.

Nine fauna species listed as rare or likely to become extinct under the *Wildlife Conservation Act 1950* have been recorded within five kilometres of the application area. This includes but not limited to, Carnaby's cockatoo (*Calyptorhynchus latirostris*), Baudin's cockatoo (*Calyptorhynchus baudinii*), forest red-tailed black cockatoo (*Calyptorhynchus banksii* subsp. *naso*), Chuditch (*Dasyurus geoffroii*) and Quokka (*Setonix brachyurus*) (Department of Parks and Wildlife, 2007-). A site inspection of the application area did not identify any large trees with hollows (DER, 2016), and given the relatively small application area and extensively vegetated local area, it is not likely to contain significant habitat for fauna indigenous to Western Australia.

No threatened ecological communities (TEC's) or rare flora species have been mapped within the local area. Considering this and the relatively small size of the proposed clearing, the application area is not likely to comprise of, or be necessary for the maintenance of a TEC or contain significant habitat for rare flora.

The National Objectives and Targets for Biodiversity Conservation includes a target that prevents the clearance of ecological communities with an extent below 30 per cent of that present pre-European settlement (Commonwealth of Australia 2001). The application area is located within the Jarrah Forest Interim Biogeographic Regionalisation of Australia (IBRA) bioregion and City of Armadale Local Government Area which retain approximately 69 and 76 per cent of their pre-European vegetation extents, respectively (Government of Western Australia, 2015). The local area is extensively vegetated with approximately 70 per cent native vegetation remaining. Given the relatively small application area and the extent of remaining vegetation in the local area, the vegetation under application is not considered to be a significant remnant.

There are no wetlands or watercourses mapped within the application area. Given this, the proposed clearing is not likely to impact on vegetation growing in association with a wetland, contribute to or cause land degradation, deteriorate the quality of groundwater or surface water and is not likely to cause or exacerbate flooding.

The closest conservation area is Stinton Cascades Nature Reserve located approximately 600 metres east of the application area. Noting the distance to this conservation area, the relatively small amount of proposed clearing and that the local area has approximately 70 per cent native vegetation remaining, the proposed clearing is not likely to impact on this reserve.

Given the above, the proposed clearing is not likely to be at variance to any of the clearing principles.

Methodology

References:
Commonwealth of Australia (2001)
DER (2016)
Department of Parks and Wildlife (2007-)
Government of Western Australia (2015)
Jones (2015)
Keighery (1994)

GIS datasets:
Hydrography linear
Parks and Wildlife Tenure
SAC Bio datasets accessed January 2017

Planning instruments and other relevant matters.

Comments The City of Armadale has advised the application area is zoned Rural Living 2 under the City of Armadale's Town Planning Scheme 4. The property has a development envelope for the front of the property (City of Armadale, 2016). In accordance with the Town Planning Scheme 4 the applicant needs to lodge a development envelope modification application for assessment and approval (City of Armadale, 2016). On the 29 September 2016 the City of Armadale granted the applicant development approval for the purpose of agriculture extensive (planting of fruit trees) within Lot 498, No. 25 Simons Drive, Roleystone.

No registered Aboriginal Sites of Significance occur within the application area.

The application was advertised in The West Australian newspaper on 27 June 2016 by DER inviting submissions from the public within a seven day period. No submissions were received in relation to this application.

Methodology References:
City of Armadale (2016)

GIS datasets:
Aboriginal Sites of Significance

4. References

- City of Armadale (2016) Advice received in relation to Clearing Permit Application CPS 7100/1 – Lee (DER Ref:A1355782).
- Commonwealth of Australia (2001) National Objectives and Targets for Biodiversity Conservation 2001-2005, Canberra.
- Department of Environment Regulation (DER) (2016) Site Inspection Report for Clearing Permit Application CPS 7100/1. Site inspection undertaken 11 July 2016. Department of Environment Regulation, Western Australia (DER Ref:A1145401).
- 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 July 2016.
- Government of Western Australia (2015) 2015 Statewide Vegetation Statistics incorporating the CAR Reserve Analysis (Full Report). Current as of May 2016. WA Department of Parks and Wildlife, Perth.
- Heddle, 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.
- Jones, A. (2015) Threatened and Priority Flora List, 11 November 2015. Department of Parks and Wildlife: Kensington, WA.
- 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, Extent, Type and Status. Resource Management Technical Report 249. Department of Agriculture, Western Australia.