



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

PERMIT DETAILS

Area Permit Number: 6178/1
File Number: DER2014/001499-1
Duration of Permit: From 6 September 2014 to 6 September 2016

PERMIT HOLDER

Kaleen Holdings Pty Ltd

LAND ON WHICH CLEARING IS TO BE DONE

Lot 2648 on Deposited Plan 134580, Yarloop

AUTHORISED ACTIVITY

The Permit Holder shall not clear more than 1.56 hectares of native vegetation within the area shaded yellow on attached Plan 6178/1.

CONDITIONS

1. 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; and
- (c) restrict the movement of machines and other vehicles to the limits of the areas to be cleared.

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;

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.

M Warnock
Senior Manager
CLEARING REGULATION

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

7 August 2014

Plan 6178/1



LEGEND

Road Centrelines	Local Government Authorities
Clearing Instruments	Pinjarra 50cm Orthomosaic - Landgate 2006
Areas Approved to Clear	Cadastre

Scale 1:6500
 (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 7/8/14
 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.

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 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.: 6178/1
Permit type: Area Permit

1.2. Proponent details

Proponent's name: Kaleen Holdings Pty Ltd

1.3. Property details

Property: LOT 2648 ON PLAN 134580 (YARLOOP 6218)
Local Government Area: Shire of Harvey
Colloquial name:

1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
1.56		Mechanical Removal	Fence Line Maintenance

1.5. Decision on application

Decision on Permit Application: Grant
Decision Date: 7 August 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: 3: Medium forest; jarrah-marri (Shepherd 2001) Mapped Matiske Vegetation association: D1 (60%): Open forest of Eucalyptus marginata subsp. marginata-Corymbia calophylla on lateritic uplands in mainly humid and subhumid zones. He1 (40%): Mosaic of open forest of Corymbia calophylla-Eucalyptus patens-Eucalyptus marginata subsp. marginata with some Eucalyptus rudis on the deeper soils ranging to closed heath and lithic complex on shallow soils associated with granite on steep slopes of valleys in humid and subhumid zones (Matiske and Havel 1998).	The application is to clear 1.56 hectares of native trees within Lot 2648 on Deposited Plan 134580, Yarloop, for the purposes of creating fencelines and firebreaks.	Completely Degraded: No longer intact; completely/almost completely without native species (Keighery 1994) To Degraded: Structure severely disturbed; regeneration to good condition requires intensive management (Keighery 1994)	The determination of vegetation condition was based on aerial imagery.

3. Assessment of application against clearing principles

Comments

Application CPS 6178/1 is to clear 1.56 hectares of native trees within Lot 2648 on Deposited Plan 134580, Yarloop, for the purposes of creating fencelines and firebreaks. The application area comprises three distinct linear areas. The easternmost section aligns north/south, the clearing of which is for the purpose of creating a firebreak. The remaining two areas have west to southwest alignments, the clearing of which is intended to provide boundary fencelines between future lots created by the subdivision of Lot 2648. The three areas were previously cleared in 1999 and remain 'trafficable by vehicle' (Kaleen Holdings Pty Ltd 2014).

Numerous priority flora species are mapped within the local area (10 kilometre radius). However, only one (Priority 2) is within the same soil type and vegetation association as the application area, approximately eight kilometres from the proposed clearing. Three rare flora species are mapped within the local area, all sites of which are located within a different soil type to that of the application area. The closest is located approximately six kilometres from the site. Given the degraded to completely degraded (Keighery 1994) condition of the vegetation, the proposed clearing is not likely to impact on the conservation status of these species.

No priority ecological communities are mapped within the local area. Several threatened ecological communities are mapped within the local area. However, none are within the same soil type as the application area.

Given the local area retains approximately 60 per cent native vegetation and the application area consists of degraded to completely degraded (Keighery 1994) vegetation, the area under application is not likely to be a significant remnant in a highly cleared landscape nor have a significant impact on fauna habitat.

The eastern most section of the application area adjoins Dwellingup State Forest. Impacts on the environmental values of this conservation area are likely to be minimal, given the small extent of the proposed clearing area and its linear nature. However, its close proximity warrants practices to minimise the spread of dieback and weeds.

Given the linear nature and the small extent of the application area, the proposed clearing is unlikely to cause appreciable land degradation, impact on water quality or cause or exacerbate land degradation or flooding.

One minor, perennial watercourse is located approximately 30 metres south of the application area. The applicant has advised that the proposed clearing will not extend this far south because of the presence of granite outcrops (Schuster 2014).

Considering the above, the application is not likely to be at variance to the clearing principles.

Methodology References:
- Kaleen Holdings Pty Ltd (2014)
- Schuster (2014)
- DoW (2014)
- Keighery (1994)

GIS Datasets:
- DPaW tenure
- Hydrography, linear
- NLWRA, Current Extent of Native Vegetation
- RIWI Act, Rivers
- SAC Biodatasets - accessed July 2014
- Pre-European Vegetation

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

Comments

The application area falls within the Harvey Irrigation District Surface Water Area, as proclaimed under the Rights in Water and Irrigation (RIWI) Act 1914. Any clearing of riparian vegetation or interference with the bed and/or banks of the waterway would require a Permit from the Department of Water under the RIWI Act 1914 (DoW 2014).

The application area is zoned General Farming under the Town Planning Scheme Zones.

Methodology Reference:
- DoW (2014)

GIS Dataset:
- RIWI Act

4. References

- DoW (2014) Advice received in relation to clearing permit application CPS 6178/1, received 24 July 2014. Department of Water, Western Australia (DER Ref: A785846).
- Kaleen Holdings Pty Ltd (2014) Application for clearing permit CPS 6178/1, received 8 July 2014 (DER Ref: A779463).
- Keighery, B.J. (1994) Bushland Plant Survey: A Guide to Plant Community Survey for the Community. Wildflower Society of WA (Inc). Nedlands, Western Australia.
- Mattiske, 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.
- Schuster, C. (2014) Advice received in relation to clearing permit application CPS 6178/1, received 25 July 2014 (DER Ref: A785511).
- 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.