



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

PERMIT DETAILS

Area Permit Number: 6473/1
File Number: DER2015/000321-1
Duration of Permit: From 6 June 2015 to 6 April 2018

PERMIT HOLDER

Anthony Vincenti
Garrie Michael Vincenti
Giuliana Vincenti
Anna Maria Vincenti
John Anthony Vincenti

LAND ON WHICH CLEARING IS TO BE DONE

Lot 400 on Diagram 87691, Carmel

AUTHORISED ACTIVITY

The Permit Holder shall not clear more than 8 hectares of native vegetation within the area hatched yellow on attached Plan 6473/1.

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*

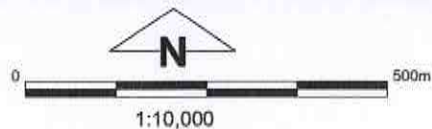
14 May 2015

Plan 6473/1



Legend

-  Roads
-  Cadastre
-  Imagery
-  Clearing Instruments Activities



(Approximate when reproduced at A4)
GDA 94 (Lat/Long)
Geocentric Datum of Australia 1994

M Warnock Date 14/5/15
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



1. Application details

1.1. Permit application details

Permit application No.: 6473/1
Permit type: Area Permit

1.2. Proponent details

Proponent's name: Mrs Giuliana Vincenti
Mr Anthony Vincenti
Mr Garrie Michael Vincenti
Mrs Anne Maria Vincenti
Mr John Anthony Vincenti

1.3. Property details

Property: LOT 400 ON DIAGRAM 87691, CARMEL
Local Government: KALAMUNDA, SHIRE OF
Authority:
DER Region: Greater Swan
DPaW District: PERTH HILLS
Localities: CANNING MILLS and CARMEL

1.4. Application

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

1.5. Decision on application

Decision on Permit: Grant
Application:
Decision Date: 14 May 2015

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 3 is described as medium forest; jarrah-marri (Shepherd et al, 2001).	To clear 8 hectares of native vegetation within Lot 400 on Diagram 87691, Carmel, for the purpose of establishing an orchard.	Completely Degraded; No longer intact, completely/almost completely without native species (Keighery, 1994).	Vegetation condition was determined from aerial imagery, site visit photographs supplied by the Department of Agriculture and Food Western Australia (Commissioner of Soil and Land Conservation 2015) and a Department of Environment Regulation (2015) site visit.

3. Assessment of application against clearing principles

Comments The application is for the proposed clearing of 8 hectares of native vegetation on Lot 400 on Diagram 87691, Carmel, for the purpose of establishing an orchard.

The vegetation is in a completely degraded (Keighery 1994) condition. The application area has been previously cleared and mostly consists of plantation with scattered regrowth of marri (*Corymbia calophylla*) and blackbutt (*Eucalyptus patens*) (DER 2015).

The Shire of Kalamunda retains approximately 85 per cent (Government of Western Australia 2013) of the original vegetation extent and mapped Beard vegetation association 3 (Shepherd et al 2001) retains approximately 68 per cent (Government of Western Australia 2013) of the original vegetation extent, within the Jarrah Forest IBRA Bioregion. The local area retains approximately 75 per cent native vegetation.

There are several rare and priority flora species mapped within the local area (10 kilometre radius), however, given that the application area is in a completely degraded (Keighery, 1994) condition, it is not likely that any rare or priority flora will occur within the application area. Considering the completely degraded (Keighery, 1994) condition of the application area, the proposed clearing is also not likely to impact on significant habitat for indigenous fauna.

There are several threatened ecological communities (TEC) in the local area (10 kilometre radius), the closest mapped five kilometres away is the Central Northern Darling Scarp Granite Shrubland Community. The vegetation under application is not representative of this, or any other, TEC in the local area.

The applied area is on the mid slope position of the landscape and the soils consist of deep brownish sands and earthy sand overlying lateritic duricrust, well drained yellow duplex soils and brown massive earth (Commissioner of Soil and Land Conservation 2015). The risk of land degradation, water logging and increased salinity as a result of the proposed clearing is low (Commissioner of Soil and Land Conservation 2015).

The north western section of the applied area is mapped as a multiple use palusplain wetland. The wetland ecosystem no longer exists, as this area has been cleared and now supports agriculture and the plantation within the applied area.

The land in which the clearing is proposed shares a border with the Korung National Park. Considering that the applied area is in a highly vegetated area, it is unlikely that the proposed clearing will reduce the function of the park. However, given the close proximity of the application area to the park, management practices are recommended to minimise the spread of weeds and dieback into these areas.

Considering the above, the assessment has found that the applied clearing is not likely to be at variance to any of the clearing principles.

Methodology

References:

- DER (2015)
- Government of Western Australia (2013)
- Keighery (1994)
- Commissioner of Soil and Land Conservation (2015)
- Shepherd et al (2001)

GIS Databases:

- Aerial imagery
- Hydrography, Linear
- Pre-European Vegetation
- IBRA WA (Regions - Sub Regions)
- SAC Bio datasets

Planning instruments and other relevant matters.

Comments

No submissions from the public have been received.

The Department of Water (2015) advised that the application was assessed and have no comments.

The application area is zoned 'rural conservation' under the Town Planning Scheme.

Methodology

Reference:

Department of Water (2015)

GIS Databases:

Town Planning Scheme Zones

4. References

- Commissioner of Soil and Land Conservation (2015), Land degradation assessment report. Department of Agriculture and Food Western Australia (DER Ref: A110244).
- DER (2015) Site visit report for clearing permit application CPS 6473/1, 10 April 2015. Department of Environment Regulation, Western Australia (DER Ref: A902002).
- Department of Water (2015) Land use planning advice (DER Ref: A906181).
- Government of Western Australia (2013) 2013 Statewide Vegetation Statistics incorporating the CAR Reserve Analysis (Full Report). Current as of June 2013. WA Department of Parks and Wildlife, 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.
- 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.