



## CLEARING PERMIT

*Granted under section 51E of the Environmental Protection Act 1986*

### PERMIT DETAILS

Area Permit Number: 8185/1  
File Number: DER2018/001420  
Duration of Permit: From 4 January 2019 to 4 January 2021

### PERMIT HOLDER

Shire of Denmark

### LAND ON WHICH CLEARING IS TO BE DONE

Lot 1087 on Deposited Plan 193666, Denmark

### AUTHORISED ACTIVITY

The Permit Holder shall not clear more than 0.16 hectares of native vegetation within the area cross-hatched yellow on attached Plan 8185/1.

### CONDITIONS

#### 1. Avoid, minimise and reduce the impacts and extent of clearing

In determining the amount of native vegetation to be cleared authorised under this Permit, the Permit Holder must have regard to the following principles, set out in order of preference:

- (a) avoid the clearing of native vegetation;
- (b) minimise the amount of native vegetation to be cleared; and
- (c) reduce the impact of clearing on any environmental value.

#### 2. 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.

#### 3. Records must be kept

The Permit Holder must maintain the following records for activities done pursuant to this Permit, in relation to the clearing of native vegetation authorised under this Permit:

- (a) the location where the clearing occurred, recorded using a Global Positioning System (GPS) unit set to Geocentric Datum Australia 1994 (GDA94), expressing the geographical coordinates in Eastings and Northings or decimal degrees;
- (b) the date that the area was cleared;
- (c) the size of the area cleared (in hectares);
- (d) actions taken to avoid, minimise and reduce the impacts and extent of clearing in accordance with condition 1 of this Permit; and
- (e) actions taken to minimise the risk of the introduction and spread of *dieback* and *weeds* in accordance with condition 2 of this Permit.

#### 4. Reporting

The Permit Holder must provide to the *CEO* the records required under condition 3 of this Permit, when requested by the *CEO*.

#### DEFINITIONS

The following meanings are given to terms used in this Permit:

*CEO*: means the Chief Executive Officer of the Department responsible for the administration of the clearing provisions under the *Environmental Protection Act 1986*;

*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 Biodiversity, Conservation and Attractions Regional Weed Rankings Summary, regardless of ranking; or
- (c) not indigenous to the area concerned.



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Samara Rogers  
MANAGER  
NATIVE VEGETATION REGULATION

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

5 December 2018

# Plan 8185/1

117°21'36"



117°21'36"

## Legend

-  Areas approved to clear
-  base layers
-  cadastre
-  Local Government Authorities
-  Roads
-  Image



100 0 100 m



MGA 94  
Geocentric Datum of Australia 1994

*Samara Rogers*

**Samara Rogers**  
2018.12.05 11:29:29  
+08'00'

Officer with delegated authority under Section 20  
of the Environmental Protection Act 1986



**GOVERNMENT OF  
WESTERN AUSTRALIA**



## 1. Application details

### 1.1. Permit application details

Permit application No.: 8185/1  
Permit type: Area Permit

### 1.2. Applicant details

Applicant's name: Shire of Denmark  
Application received date: 5 September 2018

### 1.3. Property details

Property: Lot 1087 on Deposited Plan 193666, Denmark  
Local Government Authority: Shire of Denmark  
Localities: Denmark

### 1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	Purpose category:
0.16	0	Mechanical Removal	Recreation

### 1.5. Decision on application

Decision on Permit Application: Granted  
Decision Date: 5 December 2018

Reasons for Decision: The clearing permit application 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.

In determining to grant a clearing permit subject to conditions, the Delegated Officer considered that the proposed clearing is not likely to lead to an unacceptable risk to the environment.

## 2. Site Information

**Clearing Description:** The application is for the proposed clearing of 0.16 hectares of native vegetation within Lot 1087 on Deposited Plan 193666 (McLean Park), Denmark, for the purpose of oval redevelopment.

**Vegetation Description:** The vegetation within the application area is mapped as Mattiske vegetation complexes:

- Granite Valleys (Vh3), described as tall open forest of *Eucalyptus diversicolor-Eucalyptus guilfoylei* on slopes and woodland of *Eucalyptus rudis-Banksia littoralis* on lower slopes in hyperhumid and perhumid zones; and as
- Trent (TR1), described as woodland of *Allocasuarina fraseriana-Eucalyptus marginata* subsp. *marginata-Banksia grandis* with some *Corymbia calophylla* on low rises of sedimentary rocks in the perhumid zone (Mattiske and Havel, 1998).

Photographs supplied by the applicant (Shire of Denmark, 2018) and a site inspection undertaken by officers of the Department of Water and Environmental Regulation (DWER, 2018) indicate that the vegetation within the application area consists of juvenile *Eucalyptus marginata* subsp. *marginata-Corymbia calophylla-Agonis flexuosa* (jarrah-marri-peppermint) over *Pteridium esculentum* (bracken fern) and weed dominated understorey.

**Vegetation Condition** A site inspection of the application area identified that the vegetation under application is in the following conditions (DWER, 2018):

- Good: Vegetation structure significantly altered with obvious signs of multiple disturbance. Retains basic vegetation structure or ability to regenerate (Keighery, 1994); to
- Degraded: Basic vegetation structure severely impacted by disturbance, scope for regeneration but not to a state approaching good condition without intensive management (Keighery, 1994).

The majority of the vegetation under application was in a degraded (Keighery, 1994) condition (DWER, 2018).

## Soil Type

The soil type within the application area is mapped as:

- Trent Subsystem, described as flat topped hills;<40 metre relief; gently sloping flanks; gravelly yellow duplex soils and laterite on crests: jarrah-marri forest; Leached sands with iron pan on flanks; Jarrah-Sheoak woodland; and as
- Major Valleys V3 Subsystem (Walpole), described as valleys in granitic areas; 20 metre relief; rocky slopes; terrace; yellow duplex soils on slopes; jarrah-marri-yellow tingle forest; deep sands on terrace; wattle-paperbark low forest (DPIRD, 2017).

## Comments

The local area referred to in the assessment of this application is defined as a 10 kilometre radius measured from the perimeter of the application area. A review of available databases has determined that the local area retains approximately 48 per cent of its pre-European vegetation extent.

Figure 1: Application area



### 3. Assessment of application against clearing principles and planning instruments and other matters

Given the largely degraded (Keighery, 1994) condition of the vegetation within the application area, the species identified during a DWER site inspection and that the understorey is dominated by weed species (DWER, 2018), the proposed clearing is not likely to impact upon any rare or priority flora species and does not resemble vegetation associated with a priority ecological community or threatened ecological community.

The application area does not contain any hollow bearing trees or significant foraging or breeding habitat for conservation significant fauna recorded within the local area (DWER, 2018).

The Denmark River runs approximately 180 metres northeast of the application area, and a dam is mapped approximately 40 metres north of the application area (Figure 1). The DWER site inspection did not identify vegetation typically identified as riparian (DWER, 2018) and the vegetation is not likely to be associated with the watercourse.

No conservation areas or priority or threatened ecological communities are recorded within close proximity to the application area and the proposed clearing is not likely to impact on any such areas.

The vegetation complexes mapped within the application area and the local area retain more than 30 per cent of its pre-European vegetation extent. Given the largely degraded (Keighery, 1994) condition of the vegetation under application (DWER, 2018), the relatively small size of the application area and the lack of conservation significant flora and fauna, the proposed clearing is not likely to be considered a significant remnant within an extensively cleared area.

Given the largely degraded (Keighery, 1994) condition of the vegetation within the application area, dominance of weeds (DWER, 2018) and the relatively small size of the application area, the proposed clearing is not likely to contribute to or cause land degradation, deteriorate the quality of ground water, or cause or exacerbate flooding.

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

The clearing permit application was advertised on the Department of Water and Environmental Regulation's website on 3 October 2018, inviting submissions from the public within a 14 day period. No submissions were received in relation to this application.

No aboriginal sites of significance have been mapped within the application area.

#### **4. References**

- Department of Primary Industries and Regional Development (DPIRD) (2017). NRInfo Digital Mapping. Accessed at <https://maps.agric.wa.gov.au/nrm-info/> Accessed September 2018. Department of Primary Industries and Regional Development. Government of Western Australia.
- Department of Water and Environment Regulation (DWER) (2018) Site Inspection Report for Clearing Permit Application CPS 8185/1. Site inspection undertaken 20 November 2018. Department of Water and Environment Regulation, Western Australia (DWER ref: DER2018/001420~2).
- 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.
- Shire of Denmark (2018). Supporting documents provided by applicant for clearing permit application CPS 8185/1 – Photographs of the application area. Received by DWER on 4 October 2018 (DWER ref: A1726106).

#### **GIS Databases:**

- Aboriginal Sites of Significance
- Clearing Regulations - Environmentally Sensitive Areas
- Carnaby's cockatoo: breeding, roosting, feeding
- Department of Biodiversity Conservation and Attractions, Tenure
- Geomorphic Wetlands, Swan Coastal Plain
- Groundwater salinity, statewide
- Hydrology, linear
- IBRA Australia
- Land for Wildlife
- PDWSA, CAWSA, RIWI Act Areas
- Remnant vegetation
- SAC Biodatasets (accessed November 2018)
- Soils, statewide
- South West Forest Vegetation