



## CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

**Purpose permit number:** CPS 181/2

**Permit holder:** Shire of Dardanup

**Purpose of clearing:** Clearing of up to 26.4 hectares of native vegetation for road upgrades, including lateral clearance zones and sight lines.

**Shire:** Dardanup

**Duration of permit:** 13 July 2006 – 18 June 2011

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| <b>Permit holder:</b>         | Shire of Dardanup  |
| <b>Purpose of clearing:</b>   | Clearing of up to 26.4 hectares of native vegetation for road upgrades, including lateral clearance zones and sight lines. |
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The permit holder is authorised to clear native vegetation for the above stated purposes, subject to the conditions of this Permit.

## **PART I – CLEARING AUTHORISED**

### **1. Clearing authorised**

- (a) Road construction within the Collie River road Reserve between Shenton Road and end of road (5ha);
- (b) Road construction within the Henty Road Reserve between the intersection of Giumelli Road and Edwards Road (1.6ha) ;
- (c) Road construction within the Richards Road Reserve between Ferguson Road and end of road (3.6ha) ;
- (d) Road construction within the Warburton Road Reserve between Joshua Creek Road and the end of this road (being MGA E393734, N6292692) (1.7ha) ;
- (e) Road construction within the Joshua Creek Road Reserve between Warburton Road and the western boundary of the Shire of Dardanup (6.8ha) ;
- (f) Road construction within the Crooked Brook Road Reserve between the intersections of Joshua Creek Road and Quinderup Road (4.6ha); and
- (g) Road construction within the Lennard Road Reserve between the intersections of Henty Road and end of road (3.7ha).

### **2. Clearing not authorised**

The Permit Holder shall not clear any native vegetation within the areas hatched red on attached Plans CPS181/2a, CPS181/2b, CPS181/2c, CPS181/2d, CPS181/2e and CPS181/2f.

### **3. Application**

This Permit allows the permit holder to authorise persons, including employees, contractors and agents of the permit holder, to clear *native vegetation* for the purposes of this Permit subject to compliance with the conditions of this Permit and approval from the Permit Holder.

### **4. Compliance with Assessment Sequence and Management Procedures**

Prior to clearing any native vegetation under condition 1 of this Permit, the permit holder must comply with the Assessment Sequence and the Management Procedures set out in Part II of this Permit.

## PART II – ASSESSMENT SEQUENCE AND MANAGEMENT PROCEDURES

### 5. Avoid, minimise etc clearing

- (a) In determining the amount of native vegetation to be cleared for the purposes of road upgrades the Permit Holder must have regard to the following principles, set out in order of preference:
- (i) avoid the clearing of native vegetation;
  - (ii) minimise the amount of native vegetation to be cleared; and
  - (iii) reduce the impact of clearing on any environmental value.

### 6. Dieback and weed control

- (a) When undertaking any *clearing, revegetation and rehabilitation*, the Permit Holder must take the following steps to minimise the risk of introduction and spread of *dieback*:
- (i) clean earth-moving machinery of soil and vegetation prior to entering and leaving the area to be cleared;
  - (ii) avoid the movement of soil in wet conditions;
  - (iii) ensure that no *dieback*-affected *road building materials, mulches or fill* are brought into an area that is not affected by *dieback*; and
  - (iv) restrict the movement of machines and other vehicles to the limits of the areas to be cleared.
- (b) When undertaking any *clearing, revegetation and rehabilitation*, or other activity pursuant to this Permit the Permit Holder must take the following steps to minimise the risk of the introduction and spread of *weeds*:
- (i) clean earth-moving machinery of soil and vegetation prior to entering and leaving the area to be cleared;
  - (ii) ensure that no *weed*-affected *road building materials, mulch, fill* or other material is brought into the area to be cleared; and
  - (iii) restrict the movement of machines and other vehicles to the limits of the areas to be cleared.
- (c) At least once in each 12 month period for the *term* of this Permit, the Permit Holder must remove or kill any *weeds* growing within areas *cleared, revegetated and rehabilitated* under this Permit.

### 7. Revegetation and rehabilitation

The Permit Holder shall take the following measures to revegetate an equivalent area to the areas cleared under this permit in the selected areas hatched red on attached Plans *CPS181/2a, CPS181/2b, CPS181/2c, CPS181/2d, CPS181/2e and CPS181/2f*:

- (a) Plant the areas with seedlings to an average planting density of 3500 plants per hectare;
- (b) Planting shall consist of overstorey, midstorey and understorey species that consist of local native species found within a 10km radius of the areas to be cleared ; and
- (c) Sow the areas with an average seeding density of 2.5 kilogram per hectare, ensuring that the seed is distributed evenly across the area. Seeds shall consist of overstorey, midstorey and understorey species that consist of local native species found within a 10km radius of the areas to be cleared.

### 8. Fauna management

- (a) Prior to clearing within the areas described in Clearing Authorised above, the areas shall be inspected by a *fauna specialist* who shall identify trees that contain hollows suitable to be utilised as habitat by fauna listed in the *Wildlife Conservation (Specially Protected Fauna) Notice 2005*, including, but not limited to:
- (i) *Pseudocheirus occidentalis* (Western Ringtail Possum);
  - (ii) *Calyptorhynchus latirostris* (Carnaby's Black-Cockatoo); and
  - (iii) *Calyptorhynchus banksii naso* (Forest Red-tailed Black-Cockatoo).
- (b) The Permit Holder shall ensure that any fauna identified in condition 8(a) shall only be removed and relocated by a *fauna clearing person*, in accordance with a licence issued by the Department of Conservation and Land Management.

### PART III – RECORD KEEPING AND REPORTING

#### 9. Records must be kept

The Permit Holder must maintain the following records for activities done pursuant to this Permit, as relevant:

- (a) in relation to the *clearing of native vegetation* undertaken pursuant to condition 1:
- (i) the location where the clearing occurred, recorded using Geocentric Datum Australia 1994;
  - (ii) the date that the area was cleared; and
  - (iii) the size of the area cleared (in hectares).
- (b) in relation to the *revegetation and rehabilitation* of areas:
- (i) the location of any area *revegetated and rehabilitated* in accordance with condition 7 recorded using Geocentric Datum Australia 1994;
  - (ii) a description of the *revegetation and rehabilitation* activities undertaken pursuant to condition 7; and
  - (iii) the size of the area *revegetated and rehabilitated* (in hectares) pursuant to condition 7.
- (c) in relation to fauna management:
- (i) the location of each tree in accordance with condition 8(a) recorded using Geocentric Datum Australia 1994;
  - (ii) the species of each tree identified in condition 8(a);
  - (iii) the distance from the centre of road to the base of the tree identified in condition 8(a) and to be removed;
  - (iv) the species of fauna reasonably likely to utilise, or that have been observed utilising the trees as habitat;
  - (v) the species and number of each species relocated; and
  - (vi) the location and date where relocated fauna was released, using Geocentric Datum Australia 1994.

#### 10. Reporting

The Permit Holder must provide to the CEO, on or before 30 June of each year, a written report of records requested under condition 9 and activities done by the Permit Holder under this Permit between 1 January and 31 December of the preceding year.

## 11. Definitions

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

**CEO** means the Chief Executive Officer of the Department of Environment;

**clearing** has the meaning given to it in section 51A of the *Environmental Protection Act 1986*;

**dieback** means the effect of *Phytophthora* species on native vegetation;

**EP Act** means the *Environmental Protection Act 1986*;

**fauna specialist** means a person with training and specific work experience in fauna identification or faunal assemblage surveys of Western Australian fauna;

**fauna clearing person** means a person who has obtained a licence from the Department of Conservation and Land Management, issued pursuant to the *Wildlife Conservation Regulations 1970* (as amended) authorising them to take fauna in order to carry out the approved clearing associated with this permit.

**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;

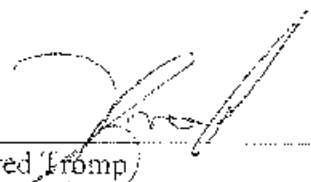
**native vegetation** has the meaning given to it in sections 3 and 51A of the *Environmental Protection Act 1986* and regulation 4 of the *Environmental Protection (Clearing of Native Vegetation) Regulations 2004*;

**rehabilitation** means actively managing an area containing native vegetation in order to improve the ecological function of that area;

**revegetation** means the re-establishment of a cover of *native vegetation* in an area such that the species composition, structure and density is similar to *pre-clearing* vegetation types in that area, and can involve regeneration, direct seeding and/or planting;

**road building materials** means rock, gravel, soil, stone, timber, boulders and water;

**term** means the duration of this Permit, including as amended or renewed;



Fred Tromp

Director, Natural Resource Management, Department of Environment and Conservation,  
Officer delegated under Section 20 of the Environmental Protection Act 1986

31 August 2006