



## CLEARING PERMIT

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

### PERMIT DETAILS

Area Permit Number: 4092/1

File Number: 2010/010139-1

Duration of Permit: From 7 February 2011 to 7 February 2013

### PERMIT HOLDER

Shire of Donnybrook Balingup

### LAND ON WHICH CLEARING IS TO BE DONE

Bendall Road reserve (Argyll 6239)

### AUTHORISED ACTIVITY

The Permit Holder shall not clear more than 0.4 hectares of native vegetation within the area cross hatched yellow on attached Plan 4092/1.

### CONDITIONS

#### 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) shall only move soils in *dry conditions*;
- (c) ensure that no *dieback* or *weed*-affected soil, *mulch*, *fill* or other material is brought into the area to be cleared; and
- (d) 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;

*dry conditions* means when soils (not dust) do not freely adhere to rubber tyres, tracks, vehicle chassis or wheel arches;

*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;

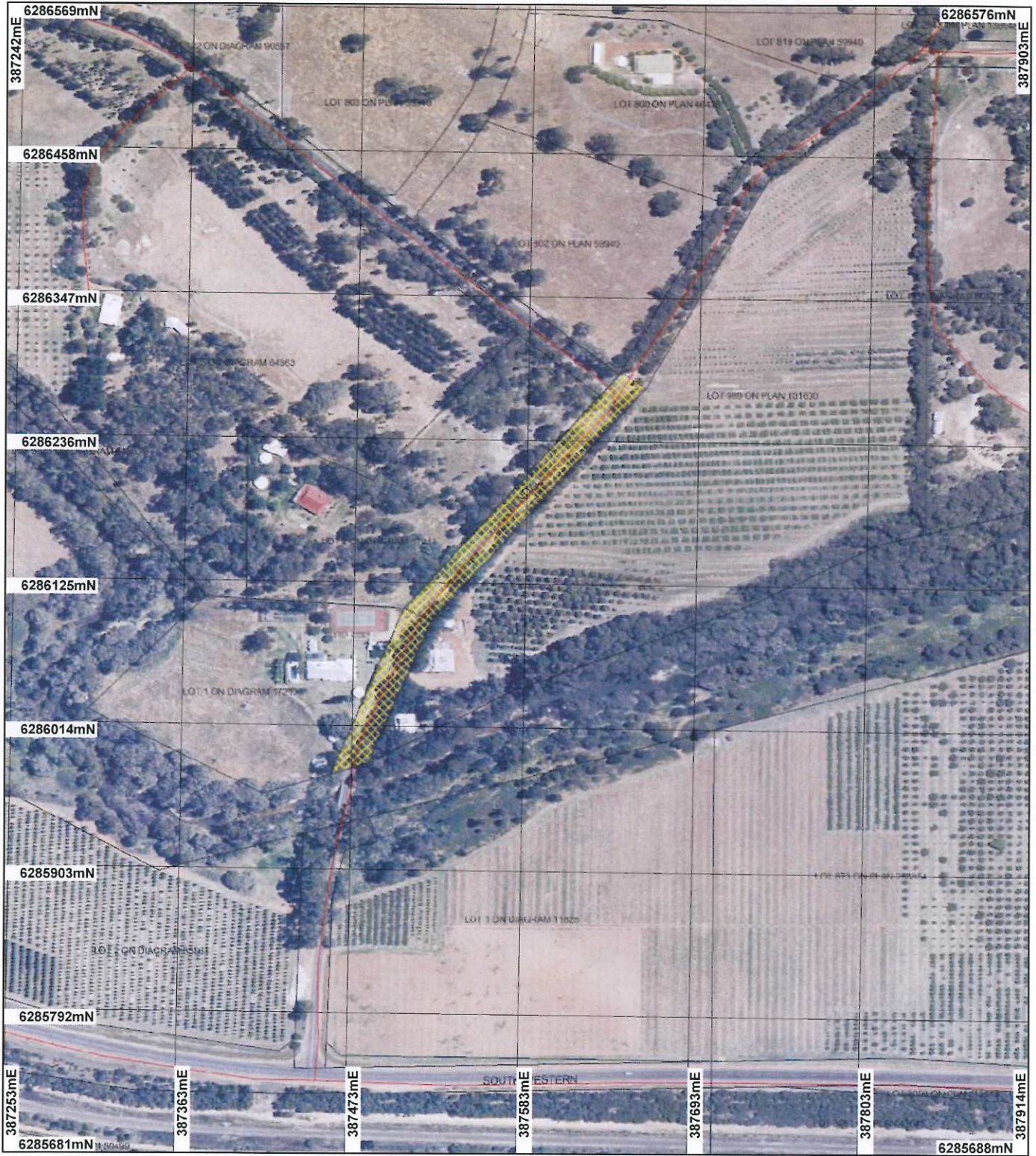
*weeds* means a species listed in Appendix 3 of the "Environmental Weed Strategy" published by the Department of Conservation and Land Management (1999), and plants declared under section 37 of the *Agriculture and Related Resources Protection Act 1976*.

Kelly Faulkner  
MANAGER  
NATIVE VEGETATION CONSERVATION BRANCH

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

13 January 2011

# Plan 4092/1



## LEGEND

- Clearing Instruments
- Areas Approved to Clear
  - Road Centrelines
  - Cadastre

Donnybrook 50cm  
Orthomosaic - Landgate  
2004



0 100 m

Scale 1:3913

(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.

Date 13/1/06

K. Faulkner  
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.



Department of  
Environment and Conservation

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## 1. Application details

### 1.1. Permit application details

Permit application No.: 4092/1  
Permit type: Area Permit

### 1.2. Proponent details

Proponent's name: Shire of Donnybrook - Balingup

### 1.3. Property details

Property: ROAD RESERVE (ARGYLE 6239)  
Local Government Area: Shire of Donnybrook - Balingup  
Colloquial name: Bendall Road reserve

### 1.4. Application

| Clearing Area (ha) | No. Trees | Method of Clearing | For the purpose of:              |
|--------------------|-----------|--------------------|----------------------------------|
| 0.4                |           | Mechanical Removal | Road construction or maintenance |

### 1.5. Decision on application

Decision on Permit Application: Grant  
Decision Date: 13 January 2011

## 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   |
|---|---|--|---|
| The vegetation under application is mapped as Beard vegetation type 1183, which has been described as; Medium woodland; Eucalyptus rudis & blackbutt with some bullich, jarrah & marri (fringing Blackwood River) (Shepherd, 2009). | The majority of the 0.4 hectares of vegetation under application is in a degraded (Keighery, 1994) condition. The over storey of the area under application is dominated by Corymbia calophylla, Agonis flexuosa and exotic Pinus pinaster (DEC, 2010). There is very little understorey or ground cover throughout the whole area. | Degraded: Structure severely disturbed; regeneration to good condition requires intensive management (Keighery 1994)         | The condition of the vegetation under application was determined via a site inspection conducted by the Department of Environment and Conservation (DEC, 2010) and through digital imagery (Donnybrook 50cm Orthomosaic - Landgate 2004). |
| As above  | The southern end of the application area is completely degraded (Keighery, 1994), consisting of large Pinus pinaster trees on the eastern side and other exotics on the western side. The only native recorded was a large Agonis flexuosa tree (DEC, 2010).  | Completely Degraded: No longer intact; completely/almost completely without native species (Keighery 1994)                   | As above  |
| As above  | A small section of vegetation within the northern end is in a good (Keighery, 1994) condition, containing Corymbia calophylla trees and some native ground cover (DEC, 2010).   | Good: Structure significantly altered by multiple disturbance; retains basic structure/ability to regenerate (Keighery 1994) | As above  |

## 3. Assessment of application against clearing principles

### Comments **Proposal is not likely to be at variance to this Principle**

The proposal is to clear 0.4 hectares of native vegetation with Bendall Road reserve, Argyle, for the purpose of widening the roads shoulder and improving drainage.

The majority of the area under application is in a degraded (Keighery, 1994) condition with very little understorey or ground cover. Many introduced species are also present.

Western Ringtail possum scats were found under a small Agonis flexuosa on the western side of Bendall Road (DEC, 2010). Within the local area 20 records of the Western Ringtail possum were identified with the closed being recorded 1.4km west. The canopy connectivity through the application area is reasonable so it is possible that possums will utilise this area (DEC, 2010), however they are more likely to be present in the vegetation corridor along the Preston River and therefore, the 0.4ha of native vegetation under application is not likely to be significant habitat for this species.

The Preston River is located adjacent to the southern end of the application area and is surrounded by a vegetated corridor. A weed and die back condition will help to preserve the environmental values of this watercourse and its surrounding vegetation.

Given the relatively small scale of native vegetation in predominately degraded (Keighery, 1994) condition proposed to be cleared, as well as the limited habitat and biodiversity values of the vegetation, the proposal is not likely to be at variance to any of the clearing principles.

**Methodology** References:  
DEC (2010)  
Keighery (1994)

GIS Databases:  
- Donnybrook 50cm Orthomosaic - Landgate 2004  
- Hydrography, linear - DoW 01/06/07  
- Pre-European vegetation - DA 01/01  
- SAC Biodatasets - accessed 10/12/2010

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

##### **Comments**

The area under application is with Road Reserve.

The area under application falls with the Busselton - Capel groundwater area which is an area proclaimed under the Rights in Water and Irrigation Act 1914.

**Methodology** GIS Databases:  
- RIWI Act, Areas - DoW 05/04/02  
- RIWI Act, Groundwater Areas - DoW 13/07/06  
- RIWI Act, Irrigation Districts - DoW 13/07/06

#### **4. References**

- DEC (2010) Site Inspection Report for Clearing Permit Application CPS 4092/1, Bendall Road reserve, Argyll. Site inspection undertaken 23 December 2010. Department of Environment and Conservation, Western Australia (DEC Ref: A357732).
- 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. (2009) Adapted from: 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.

#### **5. Glossary**

| Term  | Meaning  |
|-------|--|
| BCS   | Biodiversity Coordination Section of DEC                 |
| CALM  | Department of Conservation and Land Management (now BCS) |
| DAFWA | Department of Agriculture and Food                       |
| DEC   | Department of Environment and Conservation               |
| DEP   | Department of Environmental Protection (now DEC)         |
| DoE   | Department of Environment                                |
| DoIR  | Department of Industry and Resources                     |
| DRF   | Declared Rare Flora                                      |
| EPP   | Environmental Protection Policy                          |
| GIS   | Geographical Information System                          |
| ha    | Hectare (10,000 square metres)                           |
| TEC   | Threatened Ecological Community                          |
| WRC   | Water and Rivers Commission (now DEC)                    |