



## **CLEARING PERMIT**

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

### **PERMIT DETAILS**

Area Permit Number: 4284/1  
File Number: 2011/002521-1  
Duration of Permit: From 6 June 2011 to 6 June 2013

### **PERMIT HOLDER**

Shire of Collie

### **LAND ON WHICH CLEARING IS TO BE DONE**

Lot 5984 on Plan 220535, Cardiff

### **AUTHORISED ACTIVITY**

The Permit Holder shall not clear more than 1 hectare of native vegetation within the area hatched yellow on attached Plan 4284/1.

### **CONDITIONS**

Nil.

A handwritten signature in black ink, appearing to read "Kelly Faulkner", written over a horizontal line.

Kelly Faulkner  
MANAGER  
NATIVE VEGETATION CONSERVATION BRANCH

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

12 May 2011

# Plan CPS 4284/1



## LEGEND

- Clearing instruments**
- Areas Approved to Clear
  - Road Centrelines
  - Cadastre
  - Image Index
  - (cont)
- Recently added
  - Coverage
- Collie 50cm Orthomosaic - Landgate 2006**



Scale 1:1983  
(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.

*K Faulkner* ..... Date **12/5/11**

Information derived from this map should be confirmed with the data custodian acknowledged by the agency acronym in the legend.



\* Project Data. This data has not been quality assured. Please contact map author for details.



## 1. Application details

### 1.1. Permit application details

Permit application No.: 4284/1

Permit type: Area Permit

### 1.2. Proponent details

Proponent's name: Shire of Collie

### 1.3. Property details

Property: LOT 5984 ON PLAN 220535 (House No. 6430 POWERHOUSE CARDIFF 6225)

Local Government Area:

Colloquial name: State Forest 4

### 1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
1		Mechanical Removal	Building or Structure

### 1.5. Decision on application

Decision on Permit Application: Grant

Decision Date: 12 May 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 area under application has been identified as Beard vegetation complex 3 which has been described as medium forest; Eucalyptus marginata (Jarrah) - Corymbia calophylla (Marri) (Shepherd, 2009).	Vegetation appears to be mainly trees vastly spread out across the footprint of the clearing area.  There appears to be historical disturbance in the footprint from vehicles going to Wellington Dam.	Very Good: Vegetation structure altered; obvious signs of disturbance (Keighery 1994)	The condition of the vegetation under application was obtained through aerial photography (GIS Viewer, 2011)

The area under application is within Matiske Vegetation Complex MJ: Open woodland of Melaleuca preissiana-Banksia littoralis-Banksia ilicifolia with some Eucalyptus patens on moister sites, s24 Banksia spp. on drier sites of valley floors in the subhumid zone (Matiske, 1998).

Matiske Vegetation Complex C1: Open forest of Eucalyptus marginata subsp. marginata-Corymbia calophylla-Allocasuarina fraseriana on gravelly-sandy upland soils in the subhumid zone (Matiske, 1998).

## 3. Assessment of application against clearing principles

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

The proposed clearing area is 1 hectare located within the Collie State Forrest, Class A. The vegetation within the local area (10km radius) is well represented with approximately 80 per cent of its pre-European extent

remaining, approximately 90 per cent of which is within conservation reserves.

There are several priority flora species within and around the proposed clearing area, all identified exist outside the clearing areas foot print. There are no known rare flora species or threatened ecological communities (TEC's) identified within a 10km radius of the area under application.

There was 5 fauna species identified within the local area classified as rare or likely to become extinct; *Dasyurus geoffroii* (Western Quoll, Chuditch), *Bettongia penicillata* (Woylies), *Isoodon obesulus* (Quenda), *Calyptorhynchus baudinii* (Baudin's Cockatoo) and *Calyptorhynchus banksii* subsp. *naso* (Forest Red-tailed Black-Cockatoo). Given the small amount of vegetation to be cleared and the large percentage of vegetation surrounding the area under application suggest that fauna species known in the area are unlikely to be affected from the clearing.

There are no wetlands within a 10km radius of the proposed clearing site. The nearest watercourse is the south branch of the Collie river which is 3.4km away from the proposed clearing site.

The area under application falls within the Country Water Supply (CAWS) Act zone D gazetted in 1952, Wellington Dam Catchment area. The area under application is located within an unassigned priority public drinking water source area, where native vegetation clearing controls have been put in place to prevent the salinisation of water resources (DoW, 2011). The department of water (DoW) records show that no licence applications have been processed for the lot where the area under application is located. Therefore no CAWS Act compensation has been paid to retain native vegetation within the lot (DoW, 2011). The area under application is in a low salinity risk part of the catchment, where DoW policy and guidelines for the granting of a licence to clear indigenous vegetation is subject to the retention of at least 10% of vegetation within the holding area, and that no riparian vegetation is to be removed (DoW, 2011). The holding area contains more than 10% of vegetation and the proposed clearing area doesn't include any riparian vegetation, the DoW have no objection to the clearing proposal.

Due to the small clearing foot print within the proposed clearing area it is not likely that biodiversity will be significantly impacted upon in the bioregion or local area. Therefore the proposal is not likely to be at variance to any of the clearing principles.

**Methodology** DoW (2011)  
Keighery (1994)  
Mattiske and Havel (1998)  
NatureMap (2011)  
Shepherd et al (2009)

GIS database:  
- Collie 50cm Orthomosaic - Landgate 2006  
- DEC Tenure  
- Pre European Vegetation (DA 2001)

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

##### **Comments**

The Shire of Collie hold a lease over the area under application.

The area under application is in a controlled catchment, CAWS Act Zone D

**Methodology** GIS Database:  
- RIWI Act, Groundwater Areas - DoW 13/07/06

#### **4. References**

- DEC (2007 - ) NatureMap: Mapping Western Australia's Biodiversity. Department of Environment and Conservation. URL: <http://naturemap.dec.wa.gov.au/>. Accessed 11/04/2011
- 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.
- 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)