



## CLEARING PERMIT

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

### PERMIT DETAILS

Area Permit Number: 3816/1

File Number: 2010/004562-1

Duration of Permit: From 5 September 2010 to 5 September 2012

### PERMIT HOLDER

Peter Terence Rouw.

### LAND ON WHICH CLEARING IS TO BE DONE

Lot 50 on Deposited Plan 26362 (Haag Road, Carburnup River).

### AUTHORISED ACTIVITY

The Permit Holder shall not clear more than 0.11 hectares of native vegetation within the area hatched yellow on attached Plan 3816/1.

### CONDITIONS

#### 1. Weed control

- (a) 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:
  - (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 soil, *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.
- (b) 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 under this Permit.

### Definitions

The following meanings are given to terms used in 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;

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

*weed/s* 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*

5 August 2010



# Plan 3816/1



## LEGEND

- |                             |   |                                     |
|-----------------------------|---|-------------------------------------|
| <b>Clearing Instruments</b> | <b>Busselton 50cm Orthomosaic - Landgate 2007</b> | <b>LRS</b>                          |
| Areas Applied to Clear      |   | MR                                  |
| Areas Subject to Conditions |   | N                                   |
| Areas Approved to Clear     |   | TR                                  |
| <b>Cadastre</b>             | <b>Road Centrelines</b>                           | <b>Local Government Authorities</b> |
|                             | FW  |                                     |
|                             | HY  |                                     |
|                             | LRO   |                                     |
|                             | (cont)  |                                     |



0 75 m

Scale 1:2980

(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 *5/8/10*  
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

Our environment, our future  
WA Crown Copyright 2002





## 1. Application details

### 1.1. Permit application details

Permit application No.: 3816/1  
Permit type: Area Permit

### 1.2. Proponent details

Proponent's name: Peter Terence Rouw

### 1.3. Property details

Property: LOT 50 ON PLAN 26362 (House No. 116 HAAG CARBUNUP RIVER 6280)  
Local Government Area:  
Colloquial name:

### 1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
0.11		Mechanical Removal	Dam construction or maintenance

## 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 unit 1181 - Medium woodland, jarrah & Eucalyptus haematoxylon (Whicher Range) Mattiske vegetation complex Yelverton which is a woodland of Allocasuarina fraseriana-Nuytsia floribunda-Agonis flexuosa-Banksia attenuata on slopes and open forest of Corymbia calophylla-Eucalyptus patens-Eucalyptus marginata subsp. marginata on the lower slopes and woodland of Eucalyptus rudis-Melaleuca raphiophylla on valley floors in the humid zone (Shepherd, 2007).	0.11 hectares of standing long deceased vegetation fringing a dam.	Completely Degraded: No longer intact; completely/almost completely without native species (Keighery 1994)	The condition of the vegetation was confirmed from photographs sent with the application and through a site inspection (DEC 2010).

## 3. Assessment of application against clearing principles

### Comments

The proposal to clear up to 0.11 hectares of native vegetation for the purpose of dam development and beautification is unlikely to have any significant environmental impacts. The vegetation to be cleared is considered to be in a 'completely degraded' (Keighery 1994) condition and consists solely of standing dead vegetation (DEC 2010).

There are no declared rare flora species known within in the vicinity of the proposed clearing but the vegetation community surrounding the dam may be considered to be part of one of the priority ecological communities known from the local area, which are associated with wetlands and creek lines in the Whicher Scarp area. The dead standing vegetation within the applied area is not considered to be an extant occurrence of a priority ecological community.

The most significant issue relevant to the proposed clearing is the presence of the endangered Dunsborough Burrowing Crayfish (*Engaewa reducta*), which has been recorded approximately 300 metres downstream of the applied area. A site inspection confirmed that the clearing proposed is to be limited to areas which would not be habitat for this taxon and that the proposed works would not have a detrimental impact on the known locations for this species (DEC 2010).

The proposed clearing is associated with Annie Brook, a minor perennial stream which is intersected by the

applicant's dam. Some short term water quality issues in terms of localised surface water sedimentation mobilisation may occur during works. However, these issues should be restricted to within the dam, within the applicant's property.

The area under application is within a mapped 'conservation' management category wetland and as such, is considered to be an Environmentally Sensitive Area (ESA). The impacts of clearing on this wetland system are likely to be minimal given that the vegetation to be removed is within a dammed section of the mapped wetland and the vegetation is already dead. The introduction of weeds may have an impact on the vegetation surrounding the dam and as such, a condition to manage this potential impact is recommended to be placed on the permit.

Given that the application is for the removal of a small area of standing dead vegetation, it is considered that the proposed clearing is not likely to be at variance to any of the principles.

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

GIS Layers:  
- DEC tenure - DEC 2010  
- Clearing Regulations - Environmentally Sensitive Areas - 30 May 2005  
- Groundwater Salinity, statewide - DoW 2006  
- Hydrogeographic Catchments, Catchments - DoW 2007  
- Hydrogeology, statewide - DOW 2006  
- Hydrography, linear DOW 2006  
- Mattiske Vegetation Complexes (1998)  
- Pre-European vegetation - DA 2001  
- Mean Annual Rainfall Isohytes (1975 - 2003) - DEC 2005  
- SAC Biodatasets - accessed June-July 2010

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

**Comments**

No submissions from the public have been received.

The Shire of Busselton provided no objection to the proposed clearing but requested that any proposed clearing be minimised and that fencing and weed management be undertaken (Shire of Busselton 2010).

Advice from the Department of Water has indicated that the permit holder has a current licence for his dam and would be granted an increase to his water allocation licence if his permit application is successful.

**Methodology**    References:  
Shire of Busselton (2010)

#### **4. References**

- DEC (2010) Regional advice for Clearing Permit Application CPS 3816/1, 116 HAAG RD CARBUNUP RIVER 6280 (LOT 50 ON PLAN 26362). Site inspection undertaken 22-07-2010. Department of Environment and Conservation, Western Australia (DEC Ref A321060).
- 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. (2007) 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.
- Shire of Busselton (2010). Advice on clearing permit application CPS 3816/1 for 116 Haag Road Carbunup River (LOT 50 ON PLAN 26362). Unpublished advice to Department of Environment and Conservation (DEC Ref: A319292).

#### **5. Glossary**

Term	Meaning
DAFWA	Department of Agriculture and Food
DEC	Department of Environment and Conservation
DoW	Department of Water
DMP	Department of Mines and Petroleum (ex DoIR)
DRF	Declared Rare Flora
EPP	Environmental Protection Policy
GIS	Geographical Information System
ha	Hectare (10,000 square metres)
TEC	Threatened Ecological Community