



## CLEARING PERMIT

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

### PERMIT DETAILS

Area Permit Number: CPS 3990/3  
File Number: 2010/007577-3  
Duration of Permit: From 1 August 2011 to 1 August 2016

### PERMIT HOLDER

Department of Transport

### LAND ON WHICH CLEARING IS TO BE DONE

Lot 331 on Deposited Plan 71864 (Crown Reserve 51096), Leeuwin

### AUTHORISED ACTIVITY

The Permit Holder shall not clear more than 3.82 hectares of native vegetation within the area hatched yellow on attached Plan 3990/3.

### CONDITIONS

#### 1. Purpose for which clearing may be done

Clearing for the purpose of the Augusta boat harbour development.

#### 2. 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.

#### 3. Avoid, minimise etc 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.

#### 4. Site Rehabilitation and Environmental Management Plan

- (a) By 1 January 2013 the Permit Holder must, prepare and submit to the CEO for the CEO's approval a revised Site Rehabilitation and Environmental Management Plan for Lot 331 on Deposited Plan 71864.
- (b) The Permit Holder shall implement the Site Rehabilitation and Environmental Management Plan approved by the CEO.
- (c) If it is necessary to modify the Site Rehabilitation and Environmental Management Plan, then the Permit Holder must provide that modified Site Rehabilitation and Environmental Management Plan to the CEO for the CEO's approval.

#### 5. 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*:

- (a) clean earth-moving machinery of soil and vegetation prior to entering and leaving the area to be cleared;
- (b) ensure that no *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.

## 6. Records must be kept

The Permit Holder must maintain the following records for activities done pursuant to this Permit.

- (a) In relation to the clearing of native vegetation authorised under this Permit:
  - (i) the species composition, structure and density of the cleared area;
  - (ii) 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;
  - (iii) the date that the area was cleared; and
  - (iv) the size of the area cleared (in hectares).
- (b) In relation to the Site Rehabilitation and Environmental Management Plan pursuant to condition 4, a description of the Site Rehabilitation and Environmental Management Plan activities undertaken, in accordance with that Site Rehabilitation and Environmental Management Plan.

## 7. Reporting

- (a) The Permit Holder must provide to the CEO on or before 30 June of each year, a written report:
  - (i) of records required under condition 6 of this Permit; and
  - (ii) concerning activities done by the Permit Holder under this Permit between 1 January and 31 December of the preceding year.
- (b) Prior to 1 June 2016, the Permit Holder must provide to the CEO a written report of records required under condition 6 of this Permit where these records have not already been provided under condition 7(a) of 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; and

*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*.

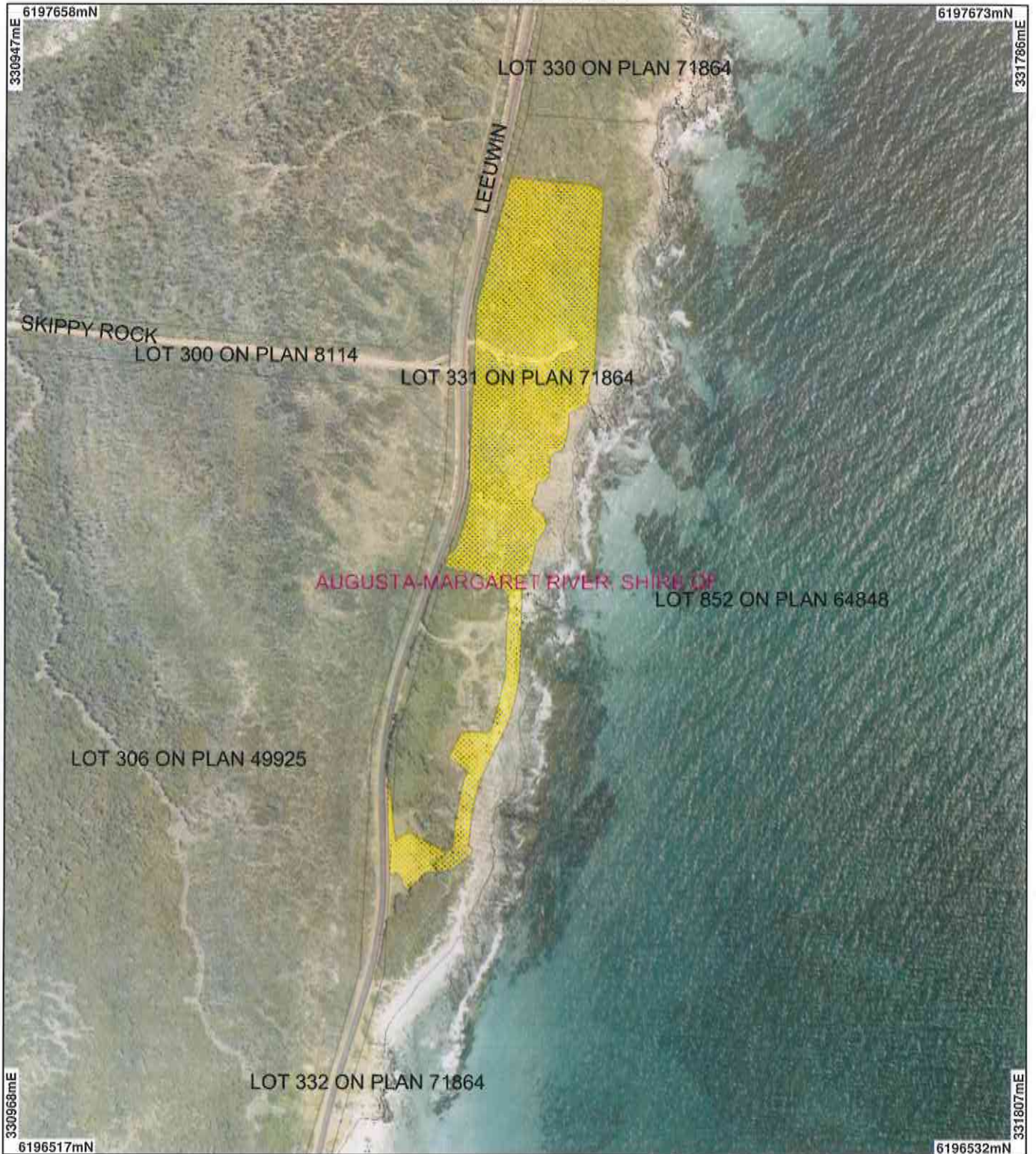


Roxane Shadbolt  
A/MANAGER  
NATIVE VEGETATION CONSERVATION BRANCH

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

4 October 2012

# Plan 3990/3



## LEGEND

- Road Centrelines
- Cadastral Clearing Instruments
- Area Approved to Clear
- Local Government Authorities

Augusta Townsite 20cm  
Orthomosaic - Landgate  
2004



Scale 1:5000

(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.

R. Shadbolt Date 4/10/12

R. Shadbolt

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.: 3990/3  
Permit type: Area Permit

### 1.2. Proponent details

Proponent's name: Department of Transport

### 1.3. Property details

Property: LOT 331 ON PLAN 71864 (Lot No. 331 LEEUWIN LEEUWIN 6290)  
Local Government Area: Shire of Augusta - Margaret River  
Colloquial name: Augusta Boat Harbour

### 1.4. Application

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

### 1.5. Decision on application

Decision on Permit Application: GRANT  
Decision Date: 4 October 2012

## 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 Vegetation Association 1109 : Shrublands, peppermint scrub, Agonis flexuosa (Shepherd et al. 2001)	The application is to clear 3.82 hectares of native vegetation for the construction of Flat Rock Boating Facility.	Excellent: Vegetation structure intact; disturbance affecting individual species, weeds non-aggressive (Keighery, 1994)	The condition rating of the application area was established through aerial photography and a site visit conducted by Department of Environment and Conservation (DEC) officers in October 2010 (DEC 2010) and April 2011 (DEC 2011).
Mattiske Vegetation Complex: Wr Woodland of <i>Corymbia calophylla</i> - <i>Eucalyptus marginata</i> subsp. <i>marginata</i> with closed heath of Myrtaceae- Proteaceae - Papilionaceae spp. On steep rocky slopes in the hyper humid zone (Mattiske 1998).	The vegetation under application consists of four vegetation types:  The majority of the application area consisted of <i>Agonis flexuosa</i> , <i>Spyridium globulosum</i> , <i>Hakea oleifolia</i> low scrub over <i>Scaevola crassifolia</i> , <i>Hakea oleifolia</i> , <i>Chorilaena quercifolia</i> , <i>Leucopogon parviflorus</i> , <i>Bossiaea disticha</i> , <i>Pimelea ferruginea</i> , <i>Dodonaea ceratocarpa</i> heath over <i>Lepidosperma gladiatum</i> , <i>Desmodcladus flexuosa</i> , <i>Lepidosperma squamatum</i> and occurs in a predominately excellent (Keighery 1994) condition.  A linear portion along the eastern side of the application area consisted of <i>Olearia axillaris</i> , <i>Rhagodia baccata</i> , <i>Leucopogon parviflorus</i> , <i>Pimelea ferruginea</i> , <i>Dodonaea ceratocarpa</i> , <i>Leucophyta brownii</i> scrub over <i>Poa poiformis</i> , <i>Sporobolus virginicus</i> and <i>Ficinia nodosa</i> and occurs in an excellent (Keighery, 1994) condition.		
As above	<i>Olearia axillaris</i> , <i>Spyridium globulosum</i> and <i>Agonis flexuosa</i> open low scrub over <i>Scaevola crassifolia</i> , <i>Leucopogon parviflorus</i> , <i>Pimelea ferruginea</i> , <i>Acanthocarpus preissii</i> dense low heath over <i>Lepidosperma gladiatum</i> and <i>Poa poiformis</i> occurs in a small portion in the southern area of the application area and occurs in a good (Keighery, 1994) condition	Good: Structure significantly altered by multiple disturbance; retains basic structure/ability to regenerate (Keighery, 1994)	As above
As above	<i>Agonis flexuosa</i> open scrub over <i>Rhagodia baccata</i> , <i>Pteridium esculentum</i> scrub over <i>Muehlenbeckia adpressa</i> , <i>Kennedia lateritia</i> and <i>Lepidosperma gladiatum</i> occurs at the beginning of the access road and occurs in a	Degraded: Structure severely disturbed; regeneration to good condition requires intensive management	As above

As above	degraded (Keighery, 1994) condition.	(Keighery, 1994)	
	Low coastal scrub of <i>Hakea oleifolia</i> , <i>Acacia pulchella</i> , <i>Pimelea ferruginea</i> , <i>Bossiaea disticha</i> (P3), <i>Rhagodia baccata</i> , <i>Agonis flexuosa</i> , <i>Leucopogon parviflorus</i> , <i>Scaevola crassifolia</i> , <i>Spyridium globulosum</i> , <i>Hibbertia amplexicaulis</i> , <i>Chorilaena quercifolia</i> , <i>Banksia seminuda</i> , <i>Phyllanthus calycinus</i> , <i>Dodonaea aptera</i> occurs in the 0.12 hectare additional application area under consideration and is in very good (Keighery, 1994) condition (DEC, 2012).	Very Good: Vegetation structure altered; obvious signs of disturbance (Keighery, 1994)	The description and condition rating of this area was established through a site visit conducted by DEC officers on 7 September 2012 (DEC, 2012).

### 3. Assessment of application against clearing principles

#### Comments

The permit holder has applied to increase the area covered by Clearing Permit CPS 3990/2 from 3.7 hectares to 3.82 hectares.

The additional 0.12 hectare area is to the north of an area approved to be cleared under the existing permit. A site inspection conducted by the Department of Environment and Conservation (DEC) on 7 September 2012 noted that a population of the rare flora species *Kennedia lateritia* is located approximately 20 metres south of this area (DEC, 2012).

DEC's site inspection identified the priority 3 flora species *Bossiaea disticha*, which is common although geographically restricted on the Leeuwin-Naturaliste Ridge from Ellensbrook to Augusta, and *Banksia seminuda*, which is at the western end of its range, within the additional proposed clearing area (DEC, 2012). A revised Site Rehabilitation and Environmental Management Plan will aid in managing the environmental impacts identified.

A review of current environmental information revealed no additional new information. Therefore the assessment against the clearing principles can be found in the Clearing Permit Decision Report CPS 3990/1 and CPS 3990/2.

#### Methodology

References:  
DEC, 2012  
GIS databases:  
- Clearing Regulations, Environmentally Sensitive Areas  
- Mattiske Vegetation  
- SAC Biodatasets (accessed 20/08/2012)  
- Soils, Statewide

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

#### Comments

The permit holder has applied to increase the area covered by Clearing Permit CPS 3990/2 from 3.7 hectares to 3.82 hectares. This is required to expand the quarry area (for rock required for the construction of the breakwaters and major earthworks) and for an electrical services padmount (DoT, 2012).

The permit holder waived the statutory notification period for the proposed amendment in writing on 3 October 2012.

No submissions from the public have been received.

The area proposed to be included in the clearing permit is designated as a block for vegetation rehabilitation in the Site Rehabilitation and Environmental Management Plan 2011. A revised Site Rehabilitation and Environmental Management Plan is required.

#### Methodology

References:  
DoT, 2012

### 4. References

- DEC (2010) Site Inspection Report for Clearing Permit Application CPS 3990/1, Lot 4126 on Plan 7032, Leeuwin. Site Inspection undertaken 14/10/2010. Department of Environment and Conservation, Western Australia. (DEC Ref: A343201)
- DEC (2012) Site visit for Clearing Permit Application CPS 3990/3, Conducted 07/09/2012. Department of Environment and Conservation, Western Australia. DEC Ref: A545585
- DoT (2012) Application to Amend Clearing Permit CPS 3990/2 and Supporting Documentation. Department of Transport, Western Australia. DEC Ref: A527284; A531996
- 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., 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)