



GOVERNMENT OF  
WESTERN AUSTRALIA

## CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

<b>Purpose permit number:</b>	CPS 2113/1
<b>Permit holder:</b>	Urban Resources
<b>Purpose of clearing:</b>	Extractive Industry
<b>Shire:</b>	Shire of Murray
<b>Duration of permit:</b>	16 August 2008 – 16 August 2018

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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. Land on which clearing is to be done**

Lot 101 on Diagram 84277.

#### **2. Area of clearing**

- (a) The Permit holder must not clear more than 13.6 hectares of native vegetation within the area cross-hatched yellow on attached Plan 2113/1a.
- (b) The Permit Holder shall not clear native vegetation unless actively mining the area to be cleared within six months of the clearing.

#### **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 conditions 1 and 2 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 sand extraction 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. Fencing

- (a) The Permit holder shall construct a fence enclosing the areas cross-hatched red on attached Plan 2113/1a prior to 30 June 2008.
- (b) The fence shall be constructed and maintained so as to be adequate to exclude stock access
- (c) Within 1 month of installing the fence the Permit Holder shall notify the CEO in writing that the fence has been completed.

## 7. Fauna Management

- (a) Prior to clearing within the area described in Clearing Authorised above, the area 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 2008*.
- (b) Prior to clearing, any habitat identified by condition 7(a) shall be inspected by a *fauna specialist* for the presence of fauna listed in the *Wildlife Conservation (Specially Protected Fauna) Notice 2008*.
- (c) Prior to clearing the Permit Holder shall ensure that any fauna identified in condition 7(b) shall be removed and relocated by a *fauna clearing person*, in accordance with a licence issued by the Department of Environment and Conservation.

## 8. Revegetation

- (a) The Permit Holder shall retain the vegetation material and topsoil removed by clearing authorised under this Permit.
- (b) Within six months of any area no longer being required for the purpose of sand extraction the Permit Holder must *revegetate* the area by:
  - (i) Deliberately planting and/or seeding native vegetation that will result in similar species composition, structure and density to pre-clearing vegetation types in that area;
  - (ii) Ensuring only local provenance seeds and propagating material from within 10km of the area cleared are used to *revegetate* the area; and
  - (iii) Deliberately applying and spreading the vegetation material and topsoil retained under condition 8(a), across the *revegetation* area.
- (c) Within one year of undertaking *revegetation* in accordance with condition 8(b), the Permit Holder must:
  - (i) Determine the species composition, structure and density of the area revegetated; and
  - (ii) Where, in the opinion of an *environmental specialist*, the composition, structure and density of the *revegetation* area does not reflect pre-clearing vegetation types in that area, the Permit Holder must undertake additional planting or seeding of native vegetation in accordance with the requirements of conditions 8(b)(i) and (ii).

## 9. Wetland revegetation

The Permit holder shall establish and maintain native vegetation within the area cross-hatched red on attached Plan 2113/1b in accordance with the following conditions:

- (a) The vegetation shall be established and maintained to an average planting density of 1000 plants per hectare;
- (b) The species shall consist of overstorey, midstorey and understorey *wetland species*;

- (c) Seeds and propagating material shall be sourced from within a 10km radius of the area cleared; and
- (d) The plantings are to commence before 31 August 2009 and be completed by 16 May 2013.

## 10. Weed management

The Permit Holder shall selectively remove or kill all *invasive weeds* within the areas cross-hatched red on attached Plan 2113/1a at least once each year for the duration of this permit.

## PART III – RECORD KEEPING AND REPORTING

### 11. 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 the purpose of clearing:
  - (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 fauna management pursuant to condition 7:
  - (i) The species relocated;
  - (ii) The number of individuals of each species relocated; and
  - (iii) The location and date where relocated fauna were released, using Geocentric Datum Australia 1994.
- (c) In relation to the *revegetation* of areas pursuant to conditions 8 and 9:
  - (i) The location of any area *revegetated* recorded using Geocentric Datum Australia 1994;
  - (ii) A description of the *revegetation* activities undertaken, including a list of the species used for the *revegetation*; and
  - (iii) The size of the area *revegetated* (in hectares).
- (d) In relation to *weed* management pursuant to condition 11:
  - (i) A description of the *weed* management activities undertaken; and
  - (ii) The location of any *weed* management activities undertaken recorded using Geocentric Datum Australia 1994.

### 12. Reporting

- (a) The Permit holder must provide to the CEO, on or before 30 June of each year, a written report of records required under condition 11 and activities done by the Permit holder under this Permit between 1 January and 31 December of the preceding year.
- (b) Before the expiry of the permit, the permit holder must provide to the CEO a written report of records required under condition 11 where these records have not already been provided under condition 12(a).



## Definitions

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

*environmental specialist* means a person who is engaged by the permit holder for the purpose of providing environmental advice, who holds a tertiary qualification in environmental science or equivalent, and has experience relevant to the type of environmental advice that an environmental specialist is required to provide under this Permit.

*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 Environment and Conservation, 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.

*invasive weed* means *Ehrharta species* (Veldt Grasses), *Gomphocarpus fruticosus* (Cottonbush), *Arctotheca calendula* (Cape weed).

*revegetate, revegetated and 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 an/or planting.

*weed* 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 Agricultural and Related Resources Protection Act 1976.

*wetland species* means species of native vegetation generally found in and surrounding wetland areas on southern Swan Coastal Plain.



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Keith Claymore  
A/ DIRECTOR  
NATURE CONSERVATION DIVISION

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

16 July 2008