



## CLEARING PERMIT

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

### PERMIT DETAILS

Area Permit Number: 1525/3  
File Number: DEC573-2  
Duration of Permit: From 4 October 2008 to 4 October 2020

### PERMIT HOLDER

Waroona Resources Pty Ltd

### LAND ON WHICH CLEARING IS TO BE DONE

Lot 15 on Deposited Plan 59265, Waroona

### AUTHORISED ACTIVITY

The Permit Holder shall not clear more than 15.2 hectares of native vegetation, within the area hatched yellow on attached Plan 1525/3a.

### CONDITIONS

1. The Permit Holder shall maintain a fence to exclude all classes of livestock from the area cross hatched red on attached Plan 1525/3b.
2. The Permit Holder shall not clear native vegetation unless actively mining the area to be cleared within six months of clearing.
3. **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.

### 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;

*weed/s* means any plant -

- (a) that is a declared pest under section 22 of the *Biosecurity and Agriculture Management Act 2007*; or
- (b) published in a Department of Parks and Wildlife Regional Weed Rankings Summary, regardless of ranking; or
- (c) not indigenous to the area concerned.

A handwritten signature in cursive script, appearing to read "M Warnock", written over a horizontal line.

M Warnock  
SENIOR MANAGER  
CLEARING REGULATION

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

16 October 2014

# Plan 1525/3a



## LEGEND

- |   |  |
|---|--|
| <b>Clearing Instruments</b>   |  |
|  Areas Approved to Clear | <b>Swan Coastal Plain South</b>  |
|  Road Centrelines        | <b>40cm Orthomosaic - Landgate</b>   |
|  Cadastre                | <b>2005</b>  |
|  Cadastre for labelling  |  Local Government Authorities |



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 geocentric distortion or measurement inaccuracies.

*M Warnock* Date 16/10/14

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



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Department of Environment Regulation




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# Plan 1525/3b



## LEGEND

- Clearing Instruments**
-  Areas Subject to Conditions
  -  Road Centrelines
  -  Cadastre for labelling

Swan Coastal Plain South  
40cm Orthomosaic - Landgate  
2005



Scale 1:11000  
(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.

*M Warnock* Date *16/10/14*

M Warnock  
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.



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## 1. Application details

### 1.1. Permit application details

Permit application No.: 1525/3  
Permit type: Area Permit

### 1.2. Proponent details

Proponent's name: Waroona Resources Pty Ltd

### 1.3. Property details

Property: LOT 15 ON PLAN 59265 (WAROONA 6215)  
Local Government Area: Shire of Waroona

### 1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
15.2		Mechanical Removal	Extractive Industry

## 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
<p><b>Beard Vegetation Association:</b></p> <p>1000 - Mosaic: Medium forest; jarrah-marri / Low woodland; banksia / Low forest; teatree (<i>Melaleuca</i> spp).</p> <p>126 - Bare areas; freshwater lakes (Shepherd et al. 2001).</p> <p><b>Heddlle Complex:</b></p> <p>Southern River Complex - Open woodland of <i>Corymbia calophylla</i> (Marri) - <i>Eucalyptus marginata</i> (Jarrah) - <i>Banksia</i> species with fringing woodland of <i>Eucalyptus rudis</i> (Flooded Gum) - <i>Melaleuca raphiophylla</i> (Swamp Paperbark) along creek beds. (Heddlle et al. 1980)</p>	<p>The clearing of 15.2 hectares of native vegetation within Lot 15 on Plan 59265, Waroona, is for the purpose of extractive industry and associated works.</p>	<p>Degraded: Structure severely disturbed; regeneration to good condition requires intensive management (Keighery 1994)</p> <p>To</p> <p>Good: Structure significantly altered by multiple disturbance; retains basic structure/ability to regenerate (Keighery 1994)</p>	<p>A flora survey was conducted of all vegetation on the former Lot 688 on Plan 126809 (now Lot 15 on Plan 59265) for a previous clearing permit by Bennett Environmental Consulting (2003). This survey identified the vegetation as 'Low Woodland of <i>Banksia attenuata</i>, <i>Eucalyptus marginata</i> subsp. <i>marginata</i> and <i>Allocasuarina fraseriana</i> over a Low Open Shrubland dominated by <i>Hibbertia hypericoides</i> and Grassland of introduced species in sandy soil'.</p>

## 3. Assessment of application against clearing principles

### Comments

This application has been amended to acknowledge the change of land ownership.

The assessment against the clearing Principles has not changed and can be found in Clearing Permit Decision Reports CPS 1525/1 and CPS 1525/2.

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

### Comments

A review of the annual reports provided by the previous permit holder identified compliance with permit conditions.

No public submissions have been received from the public in regards to this application.

## 4. References

- Bennett Environmental Consulting Pty Ltd (2003) Vegetation Of Proposed Sand Extraction Site At Lot 688 Buller Road Waroona West (CPS 255/1). 2005/803
- Heddlle, E. M., Loneragan, O. W., and Havel, J. J. (1980) Vegetation Complexes of the Darling System, Western Australia. In Department of Conservation and Environment, Atlas of Natural Resources, Darling System, Western Australia.
- 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., Beeston, G.R., and Hopkins, A.J.M. (2001), Native Vegetation in Western Australia. Technical Report 249. Department of Agriculture Western Australia, South Perth.