

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:

- 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
- restrict the movement of machines and other vehicles to the limits of the areas to be cleared. (c)

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.

M Warnock

SENIOR MANAGER

CLEARING REGULATION

unlin

Officer delegated under Section 20 of the Environmental Protection Act 1986

16 October 2014

Plan 1525/3a



LEGEND

Clearing Instruments

☐ Areas Approved to Clear

✓ Road Centrelines

Cadastre Cadastre Cadastre Cadastre Cadastre Cadastre for labelling

Swan Coastal Plain South 40cm Orthomosaic - Landgate 2005

☐ Local Government Authorities



(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 inaccondicies.

MWarnock Date 16/18

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



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Plan 1525/3b

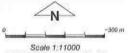


LEGEND

Clearing Instruments

Areas Bubject to Conditions Road Centrelines
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Swan Coastal Plain South 40cm Orthomosaic - Landgate



Geocentric Datum Australia 1994

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M Warnock

Officer with delegated authority under Section 20 of the Environmental Protection Act 1986

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Clearing Permit Decision Report

Government of Western Australia Department of Environment Regulation

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

Beard Vegetation Association:

1000 - Mosaic: Medium forest; jarrah-marri / Low woodland; banksia / Low forest; teatree (Melaleuca spp).

126 - Bare areas; freshwater lakes (Shepherd et al. 2001).

Heddle Complex:

Southern River Complex - Open woodland of Corymbia calophylla (Marri) - Eucalyptus marginata (Jarrah) - Banksia species with fringing woodland of Eucalyptus rudis (Flooded Gum) - Melaleuca rhaphiophylla (Swamp Paperbark) along creek beds. (Heddle et al. 1980)

Clearing Description

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.

Vegetation Condition

Degraded: Structure severely disturbed; regeneration to good condition requires intensive management (Keighery 1994)

To

Good: Structure significantly altered by multiple disturbance; retains basic structure/ability to regenerate (Keighery 1994)

Comment

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 Banksia attenuata, Eucalyptus marginata subsp. marginata and Allocasuarina fraseriana over a Low Open Shrubland dominated by Hibbertia hypericoides and Grassland of introduced species in sandy soil'.

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). 2005l/803

Heddle, 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.