



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

Purpose Permit number: CPS 6963/1
Permit Holder: Western Australian Land Authority trading as Landcorp
Duration of Permit: 18 June 2016 – 18 June 2021

The Permit Holder is authorised to clear native vegetation subject to the following conditions of this Permit.

PART I – CLEARING AUTHORISED

1. Purpose for which clearing may be done

Clearing for the purpose of undertaking a threatened ecological community revegetation trial.

2. Land on which clearing is to be done

Lot 65 on Plan 24102, Rockingham.

Lot 8007 on Deposited Plan 47607, Rockingham.

3. Area of Clearing

The Permit Holder must not clear more than 2.85 hectares of native vegetation within the area cross hatched yellow on attached Plan 6963/1.

4. 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.

PART II – MANAGEMENT CONDITIONS

5. Dieback and weed control

When undertaking any clearing authorised under this Permit, the Permit Holder must take the following steps to minimise the risk of the introduction and spread of *weeds* and *dieback*:

- (i) clean earth-moving machinery of soil and vegetation prior to entering and leaving the area to be cleared; and
- (ii) 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:

dieback means the effect of *Phytophthora* species on native vegetation;

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.



Simon Weighell
A/MANAGER
CLEARING REGULATION

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

19 May 2016

Plan 6963/1



Legend

- Areas approved to clear
 - Roads
 - LGA
 - Cadastre
- Virtual Mosaic (LGATE-V001)



1:2,000

MGA 94
Geocentric Datum of Australia 1994

S. Weighell
Simon Weighell Date *19/5/16*

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





1. Application details

1.1. Permit application details

Permit application No.: 6963/1
Permit type: Purpose Permit

1.2. Applicant details

Applicant's name: Western Australia Land Authority

1.3. Property details

Property: LOT 65 ON PLAN 24102, ROCKINGHAM
LOT 8007 ON DEPOSITED PLAN 47607, ROCKINGHAM
Local Government Authority: ROCKINGHAM, CITY OF

1.4. Application

| Clearing Area (ha) | No. Trees | Method of Clearing | For the purpose of: |
|--------------------|-----------|--------------------|--|
| 2.85 | - | Mechanical Removal | Threatened ecological community revegetation trial |

1.5. Decision on application

Decision on Permit Application: Granted
Decision Date: 19 May 2016
Reasons for Decision: The clearing application has been assessed against the clearing principles, planning instruments and other matters in accordance with s51O of the *Environmental Protection Act 1986*, and it has been concluded that the proposed clearing is not likely to be at variance to any of the clearing principles.

Through assessment it has been determined that the clearing is unlikely to have any significant environmental impacts. Standard weed and dieback management conditions have been included to reduce the risk of indirect impacts to adjoining remnant vegetation.

State policies and other relevant policies have been taken into consideration in the decision to grant a clearing permit.

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 |
|--|---|--|---|
| The vegetation under application is mapped as Beard vegetation association 3048 which is described as Shrublands, scrub-heath on the Swan Coastal Plain (Shepherd et al, 2001). | The application is to clear 2.85 hectares of native vegetation within Lot 8007 on Deposited Plan 47607 and Lot 65 on Plan 24102, Rockingham, for the purpose of undertaking a threatened ecological community revegetation trial. | Degraded; Structure severely disturbed; regeneration to good condition requires intensive management (Keighery, 1994). | The condition of the vegetation under application was determined via information supplied by the applicant (PGV Environmental, 2016). |
| The vegetation under application is mapped as Heddle Vegetation Complex Quindalup Complex which is described as a coastal dune complex consisting mainly of two alliances - the strand and fore-dune alliance and the mobile and stable dune alliance. Local variations include the low closed forest of <i>Melaleuca lanceolata</i> - <i>Callitris preissii</i> and the closed scrub of <i>Acacia rostellifera</i> (Heddle et al., 1980). | | To Completely Degraded; No longer intact, completely/almost completely without native species (Keighery, 1994). | The understorey of the application area contains little native vegetation and aggressive weed species (PGV Environmental, 2016). |

A flora survey of the application area identified the vegetation as (PGV Environmental, 2016):
-Tuart Woodland (*Eucalyptus gomphocephala*) over native Peppermint (*Agonis flexuosa*); and
-*Acacia rostellifera* Scrub.

3. Assessment of application against clearing principles

Comments The application to clear 2.85 hectares of native vegetation is unlikely to have any significant environmental impacts. The vegetation is in a degraded to completely degraded (Keighery, 1994) condition with little to no native understorey. Tuart trees (*Eucalyptus gomphocephala*) present on site will be retained (PGV Environmental, 2016). Aerial imagery indicates that the vegetation under application is regeneration from the past 20 to 30 years which correlates with the size of the Tuarts within the application area (PGV Environmental, 2016).

The proposed clearing is to give effect to a threatened ecological community revegetation trial conditioned as an offset by the Commonwealth Department of the Environment (and endorsed by the Department of Parks and Wildlife and City of Rockingham) for the Rockingham Industry Zone development (EPBC 2010/5337) (PGV Environmental, 2016).

Flora surveys of the application area did not record rare flora, priority flora or vegetation consistent with a priority or threatened ecological community (PGV Environmental, 2016). Given this, the degraded to completely degraded (Keighery, 1994) condition of vegetation, and lack of hollow bearing trees, the proposed clearing is not likely to impact on rare or priority flora, a priority or threatened ecological community, conservation reserves within the local area, or significant fauna habitat. The application area is also unlikely to contain significant remnant vegetation within a highly cleared landscape.

As no wetlands or watercourses are mapped within or adjacent to the application area and given the age of the vegetation, the proposed clearing is not likely to impact on riparian vegetation, contribute to or cause land degradation, deteriorate the quality of ground water or surface water, or cause or exacerbate flooding.

Given the above, the proposed clearing is not likely to be at variance to the clearing Principles.

Methodology References:
Keighery (1994)
PGV Environmental (2016)

GIS datasets:
SAC Bio datasets accessed May 2016
Hydrography linear
Parks and Wildlife tenure
Swan remnant vegetation

Planning instruments and other relevant matters.

Comments The proposed clearing is in order to give effect to a threatened ecological community revegetation trial conditioned and approved by the Commonwealth Department of the Environment (EPBC 2010/5337), and endorsed by the Department of Parks and Wildlife and City of Rockingham (PGV Environmental, 2016). The site was chosen due to its long term viability, degraded (Keighery, 1994) condition with little current environmental value, and depth to groundwater (PGV Environmental, 2016). The approved revegetation plan contains management actions that aim to re-establish vegetation consistent with the threatened ecological community 'Sedgeland in Holocene dune swales of the Southern Swan Coastal Plain'. It is therefore expected that the environmental values of the site will ultimately improve over time.

No Aboriginal Sites of Significance have been mapped within the application area.

The clearing permit application was advertised on 14 March 2016 with a 21 day submission period. No public submissions have been received in relation to this application.

Methodology References:
Keighery (1994)
PGV Environmental (2016)

GIS datasets:
Aboriginal Sites of Significance

4. References

- Hedde, 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.
- PGV Environmental (2016) Advice submitted in support of clearing permit application CPS 6963/1. Received 24 February 2016 and 4 April 2016. DER ref: A1058893 and A1075205.
- 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.