



GOVERNMENT OF
WESTERN AUSTRALIA

CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

PERMIT DETAILS

Area Permit Number: 3678/1

File Number: DEC14825

Duration of Permit: From 20 June 2010 to 20 June 2012

PERMIT HOLDER

AnaeCo Limited on behalf of Western Metropolitan Regional Council

LAND ON WHICH CLEARING IS TO BE DONE

Lot 11541 on Plan 189946

AUTHORISED ACTIVITY

The Permit Holder shall not clear more than 0.08 hectares of native vegetation within the hatched yellow on attached Plan 3678/1.

CONDITIONS

Nil.

A handwritten signature in black ink, appearing to read 'Kelly Faulkner', written over a horizontal line.

Kelly Faulkner
MANAGER
NATIVE VEGETATION CONSERVATION BRANCH

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

20 May 2010

Plan 3678/1



LEGEND

- Clearing Instruments**
- Areas Approved to Clear
 - Road Centrelines
 - Cadastre
 - Local Government Authorities

Swan Coastal Plain Central
20cm Orthomosaic - Landgate
2009



0 20 m

Scale 1:721

(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.

Date 20/5/10

K. Faulkner

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.: 3678/1
Permit type: Area Permit

1.2. Proponent details

Proponent's name: AnaeCo Limited on behalf Western Metropolitan Regional Council

1.3. Property details

Property: LOT 11541 ON PLAN 189946 (House No. 60 LEMNOS SHENTON PARK 6008)
Local Government Area: City of Nedlands
Colloquial name: JFR (Jim) McGeough Resource Recovery Facility / Brockway Transfer Station

1.4. Application

| Clearing Area (ha) | No. Trees | Method of Clearing | For the purpose of: |
|--------------------|-----------|--------------------|---------------------|
| 0.08 | | Mechanical Removal | Industrial |

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: 6: Medium woodland; tuart & jarrah (Shepherd, 2007) | Vegetation to be cleared is adjacent to existing infrastructure and areas largely cleared of native vegetation. It consists of scattered native species including melaleuca, tuart and acacia as well as numerous non-native trees and shrubs. Vegetation has been assessed as being in a completely degraded (Keighery, 1994) condition with no native understorey species, significant weed invasion and rubbish littered throughout (DEC, 2010). | Completely Degraded: No longer intact; completely/almost completely without native species (Keighery, 1994) | Vegetation condition was determined from aerial photography and site inspection (DEC, 2010). |
| Heddlle vegetation complex: 49: Karrakatta Complex Central and South: Predominantly open forest of Eucalyptus gomphocephala (Tuart) - Eucalyptus marginata (Jarrah) - Corymbia calophylla (Marri) and woodland of Eucalyptus marginata (Jarrah) - Banksia species. (Heddlle, 1980) | | | |

3. Assessment of application against clearing principles

Comments **Proposal is not likely to be at variance to this Principle**

The proposal is to clear 0.08 hectares of native vegetation for the purpose of Stage 2 expansion of DiCOM Alternative Waste Treatment System within Lot 11541 on Plan 189946.

The vegetation under application has been assessed as being in a completely degraded (Keighery, 1994) condition (DEC, 2010). It is adjacent to existing infrastructure (including car park, roads and waste transfer station buildings) and other areas that are largely cleared of native vegetation.

There are records of conservation flora and fauna within the local area (5km radius). However, due to its small size (0.08ha) and completely degraded (Keighery, 1994) condition, the area under application is not considered to be significant habitat for native fauna, or to hold significant biodiversity values for the region.

There are numerous priority ecological communities within the local area (5km radius), however these are located within vegetation complexes different to the applied area. No threatened ecological communities have been identified within a 5km radius of the project.

The proposed clearing is unlikely to have any significant environmental impacts and is considered not likely to be at variance to the clearing principles.

Methodology

References:
DEC, 2010
Keighery, 1994
GIS Databases:
- EPA Position Statement No.2 Agriculture Region - EPA 19/08/02
- Groundwater Salinity, statewide - DoW 13/07/06

- Heddle Vegetation Complexes - DEP 22/06/95
- Hydrogeographic Catchments, Catchments - DoW 01/06/07
- Hydrogeology, statewide - DoW 13/07/06
- Hydrography, linear - DoW 13/07/06
- Interim Biogeographic Regionalisation of Australia - EA 18/10/00
- Mean Annual Rainfall Isohyets (1975 - 2003) - DEC 02/08/05
- SAC Biodatasets - 28/04/10
- Soils, statewide - DA 30/11/99
- Swan Coastal Plain Central 20cm Orthomosaic - Landgate 2009

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

Comments

No submissions from the public have been received.

Lot 11541 is zoned for public purposes under the Metropolitan Region Scheme of the City of Nedlands Town Planning Scheme No 2.

An application for Works Approval has been received by the Department of Environment and Conservation. (DEC REF: A304165).

This proposal has been assessed by the Environmental Protection Authority (EPA) as "not assessed - managed under part V of EP Act (Works approval & Clearing)". (DEC REF: A303608).

Methodology

GIS Databases:

- Aboriginal Sites of Significance - 26/04/07
- Cadastre - Landgate 12/09
- Country Area Water Supply Act (Part IIA) Clearing Control Catchments - 29/06/06
- Environmental Impact Assessments - EPA 08/03/05
- Native Title Claims - LA 2/5/07
- Public Drinking Water Source Areas (PDWSAs) - 07/02/06
- RIWI Act, Groundwater Areas - DoW 13/07/06
- RIWI Act, Irrigation Districts - DoW 13/07/06
- Town Planning Scheme Zones - MFP 31/08/98

4. Assessor's recommendations

Comment

The application has been assessed against the clearing principles, planning instruments and other matters in accordance with s51O of the Environmental Protection Act 1986, and the proposed clearing is not likely to be at variance to any of the clearing Principles.

5. References

- DEC (2010) Site Inspection Report for Clearing Permit Application CPS 3678/1, Lot 11541 Brockway Road, Shenton Park. Site inspection undertaken 05/05/2010. Department of Environment and Conservation, Western Australia (DEC Ref: A302450)
- 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. (2007) Adapted from: 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.

6. Glossary

| Term | Meaning |
|-------|--|
| CALM | Department of Conservation and Land Management (now DEC) |
| DAFWA | Department of Agriculture and Food |
| DEC | Department of Environment and Conservation |
| DEP | Department of Environmental Protection (now DEC) |
| DoE | Department of Environment (now DEC) |
| DoW | Department of Water |
| DMP | Department of Mines and Petroleum (ex DoIR) |
| 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) |