



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

| | |
|-------------------------------|--------------------------------------|
| Purpose Permit number: | CPS 4625/1 |
| Permit Holder: | Shire of Katanning |
| Duration of Permit: | 28 November 2011 to 28 November 2016 |

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 constructing a passing lane and an access road to the Katanning Regional Saleyards complex.

2. Land on which clearing is to be done

Katanning- Nyabing Road reserve, Katanning

3. Area of Clearing

The Permit Holder must not clear more than 0.32 hectares of native vegetation within the area hatched yellow on attached Plan 4625/1.

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.

5. Type of clearing authorised

This Permit authorises the Permit Holder to clear native vegetation for activities to the extent that the Permit Holder has the power to clear native vegetation for those activities under the *Local Government Act 1995* or any other written law.

6. Compliance with Assessment Sequence and Management Procedures

Prior to clearing any native vegetation under conditions 1, 2 and 3 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

7. Avoid, minimise etc clearing

In determining the amount of native vegetation to be cleared authorised under this Permit, the Permit Holder must have regard to the following principles, set out in order of preference:

- (a) avoid the clearing of native vegetation;
- (b) minimise the amount of native vegetation to be cleared; and
- (c) reduce the impact of clearing on any environmental value.

8. Weed control

- (a) 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*:
- (i) clean earth-moving machinery of soil and vegetation prior to entering and leaving the area to be cleared;
 - (ii) ensure that no *weed*-affected soil, *mulch*, *fill* or other material is brought into the area to be cleared; and
 - (iii) restrict the movement of machines and other vehicles to the limits of the areas to be cleared.
- (b) At least once in each 12 month period for the term of this Permit, the Permit Holder must remove or kill any *weeds* growing within areas cleared under this Permit.

PART III - RECORD KEEPING AND REPORTING

9. Records must be kept

The Permit Holder must maintain the following records for activities done pursuant to this Permit, in relation to the clearing of native vegetation authorised under this Permit:

- (a) the location where the clearing occurred, recorded using a Global Positioning System (GPS) unit set to Geocentric Datum Australia 1994 (GDA94), expressing the geographical coordinates in Eastings and Northings;
- (b) the date that the area was cleared; and
- (c) the size of the area cleared (in hectares).

10. Reporting

- (a) The Permit Holder must provide to the CEO on or before 30 June of each year, a written report:
- (i) of records required under condition 9 of this Permit; and
 - (ii) concerning activities done by the Permit Holder under this Permit between 1 July and 30 June of the preceding year.
- (b) Prior to 28 August 2016, the Permit Holder must provide to the CEO a written report of records required under condition 9 of this Permit where these records have not already been provided under condition 10(a) of this Permit.

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; and

weed/s 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 *Agriculture and Related Resources Protection Act 1976*.



Kelly Faulkner
MANAGER
NATIVE VEGETATION CONSERVATION BRANCH

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

3 November 2011

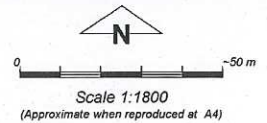
Plan 4625/1



LEGEND


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

Katanning 50cm Orthomosaic - Landgate 2006



Geocentric Datum Australia 1994

Note: the data in this map have not been projected. This may result in geometric distortion or measurement inaccuracies.

 Date 3/ed/11
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

Our environment, our future
WA Crown Copyright 2002

* Project Data is denoted by asterisk. This data has not been quality assured. Please contact map author for details.



1. Application details

1.1. Permit application details

Permit application No.: 4625/1
Permit type: Purpose Permit

1.2. Proponent details

Proponent's name: Shire of Katanning

1.3. Property details

Property: ROAD RESERVE (KATANNING 6317)
Local Government Area: Shire of Katanning

1.4. Application

| Clearing Area (ha) | No. Trees | Method of Clearing | For the purpose of: |
|--------------------|-----------|--------------------|----------------------------------|
| 0.32 | | Mechanical Removal | Road construction or maintenance |

1.5. Decision on application

Decision on Permit Application: Grant
Decision Date: 3 November 2011

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 mapped Beard vegetation association 1085 is described as Medium woodland; wandoo & blue mallet (<i>Eucalyptus gardneri</i>) (Shepherd, 2009). | The application is for the proposed clearing of 0.32ha (approximately 50 native trees) within Katanning- Nyabing Road Reserve. | Degraded: Structure severely disturbed; regeneration to good condition requires intensive management (Keighery, 1994) | The description and condition of the vegetation was determined from aerial photography (Katanning 50cm Orthomosaic- Landgate 2006). |

3. Assessment of application against clearing principles

Comments

The application to clear up to 0.32 hectares of native vegetation (approximately 50 trees) for the purpose of construction of a passing lane and access road to the Katanning Regional Saleyards complex is unlikely to have any significant environmental impacts. The vegetation is considered to be in a degraded (Keighery, 1994) condition and has been mapped by Beard as a medium woodland; wandoo & blue mallet (*Eucalyptus gardneri*) (Shepherd, 2009).

There are no priority or threatened ecological communities in the vicinity of the project (10kms). The vegetation to be cleared is in a degraded (Keighery, 1994) condition and is not likely to have a detrimental impact on fauna.

The Priority 2 flora species *Banksia acanthopoda* has been recorded in multiple locations between 50m- 300m from the application area along roadsides, and occurs on the same soil and vegetation type as the area under application. However given the small area being applied for (0.32ha) and its condition it is unlikely this vegetation is necessary for the continued existence of this priority species.

The vegetation under application is in an extensively cleared area and is not well represented in the local area, with only 15% of Beard's vegetation complex 1085 remaining in the Avon Wheatbelt (AW) bioregion and only 18% of the AW bioregion remains vegetated.

The groundwater salinity of the area is mapped as 14, 000- 35, 000mg/L (very high given the small amount of clearing (~50 trees) is unlikely to increase land salinisation.

There are six fauna species listed as Rare or Likely to Become Extinct under the Wildlife Conservation Act 1950 recorded within a 10km radius, including *Calyptorhynchus latirostris* (Carnaby's black cockatoo) and *Calyptorhynchus baudinii* (Baudin's black cockatoo). Black cockatoo activity is not known at the site (DEC, 2011) and larger vegetated blocks are within close proximity to the area under application, therefore given the size and condition of the proposed clearing it is not likely to be significant fauna habitat (DEC, 2011).

Given the limited proposed clearing, it is considered that the clearing as proposed is unlikely to be at variance with any of the clearing principles.

- Methodology** References:
DEC (2007-)
DEC (2011)
Keighery (1994)
Western Australian Herbarium (1998-)
- GIS Databases:
- NLWRA, Current Extent of Native Vegetation
- SAC Biodatasets (accessed 24/10/11)
- Pre European Vegetation
- Katanning 50cm Orthomosaic- Landgate 2006
- Interim Biogeographic Regionalisation of Australia (IBRA)
- Soils, statewide
- Groundwater salinity

Planning instruments, Native Title, Previous EPA decisions or other matters.

- Comments**
- No submissions from the public have been received.
- The area under application is zoned Rural.

- Methodology** There are two known Aboriginal Sites of Significance within the local area (10kms).
GIS databases:
-Town Planning Schemes
-Aboriginal Sites of Significance

4. References

- DEC (2007 -) NatureMap: Mapping Western Australia's Biodiversity. Department of Environment and Conservation. URL: <http://naturemap.dec.wa.gov.au/> (Accessed 20/10/2011).
- DEC (2011) Regional Advice for Clearing Permit Application CPS 4625/1, Katanning-Nyabing Road Reserve, Katanning. Department of Environment and Conservation, Western Australia (DEC REF. A445374).
- 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. (2009) 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.
- Western Australian Herbarium (1998-) FloraBase - The Western Australian Flora. Department of Environment and Conservation. <http://florabase.dec.wa.gov.au/> (Accessed 20/10/2011).

5. Glossary

| Term | Meaning |
|-------|--|
| BCS | Biodiversity Coordination Section of DEC |
| CALM | Department of Conservation and Land Management (now BCS) |
| DAFWA | Department of Agriculture and Food |
| DEC | Department of Environment and Conservation |
| DEP | Department of Environmental Protection (now DEC) |
| DoE | Department of Environment |
| DoIR | Department of Industry and Resources |
| 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) |