



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

PERMIT DETAILS

Area Permit Number: 4877/1
File Number: 2011/006897-1
Duration of Permit: 18 May 2012 to 18 May 2014

PERMIT HOLDER

Shire of Toodyay

LAND ON WHICH CLEARING IS TO BE DONE

Clackline-Toodyay Road reserve, Hoddys Wells 6566 (PIN 11633621, PIN 11633623, PIN 11633624, PIN 11633625, PIN 11633626, PIN 11633627, PIN 11633630, PIN 11633631, PIN 11633633 and PIN 1273050)

AUTHORISED ACTIVITY

The Permit Holder shall not clear more than 23 native trees within the area hatched yellow on attached Plan 4877/1.

CONDITIONS

1. Fauna management

Where clearing authorised under this Permit is scheduled to occur between the months of July and December, the Permit Holder shall ensure that:

- (a) Prior to undertaking any clearing, the area shall be inspected by a *fauna specialist* who shall identify *habitat tree(s)* suitable to be utilised *Calyptorhynchus banksii subsp. naso* (Forest Red-tailed Black-Cockatoo), *Calyptorhynchus baudinii* (Baudin's Cockatoo) and *Calyptorhynchus latirostris* (Carnaby's Cockatoo).
- (b) Prior to clearing, any *habitat tree(s)* identified by condition 1(a) shall be inspected by a *fauna specialist* for the presence of *Calyptorhynchus banksii subsp. naso* (Forest Red-tailed Black-Cockatoo), *Calyptorhynchus baudinii* (Baudin's Cockatoo) or *Calyptorhynchus latirostris* (Carnaby's Cockatoo).
- (c) Where fauna are identified in relation to condition 1(b) of this Permit, no taking of identified fauna occurs unless approved by the CEO.

2. Records must be kept

The Permit Holder must maintain the following records in relation to fauna management pursuant to condition 1 of this Permit:

- (a) the location of each *habitat tree* identified recorded using a Global Positioning System (GPS) unit set to Geocentric Datum Australia 1994 (GDA94), expressing the geographical coordinates in Eastings and Northings or decimal degrees;
- (b) the species name of fauna reasonably likely to utilise, or that have been observed utilising, the *habitat tree(s)*;
- (c) expressing the geographical coordinates in Eastings and Northings or decimal degrees; and
- (d) a copy of the fauna specialist's report.

3. 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 2 of this Permit; and
 - (ii) concerning activities done by the Permit Holder under this Permit between 1 January and 31 December of the preceding year.
- (b) Prior to 18 February 2014, the Permit Holder must provide to the CEO a written report of records required under condition 2 of this Permit where these records have not already been provided under condition 3(a) of this Permit.

DEFINITIONS

The following meanings are given to terms used in this Permit:

fauna specialist means a person with training and specific work experience in fauna identification or faunal assemblage surveys of Western Australian fauna; and

habitat tree(s) means trees that have a diameter, measured at 1.5m above the ground, of 50cm or greater, healthy but with dead limbs and broken crowns that are likely to contain hollows and roosts suitable for native fauna, or where these are not present then healthy but with the potential to contain hollows and roosts.

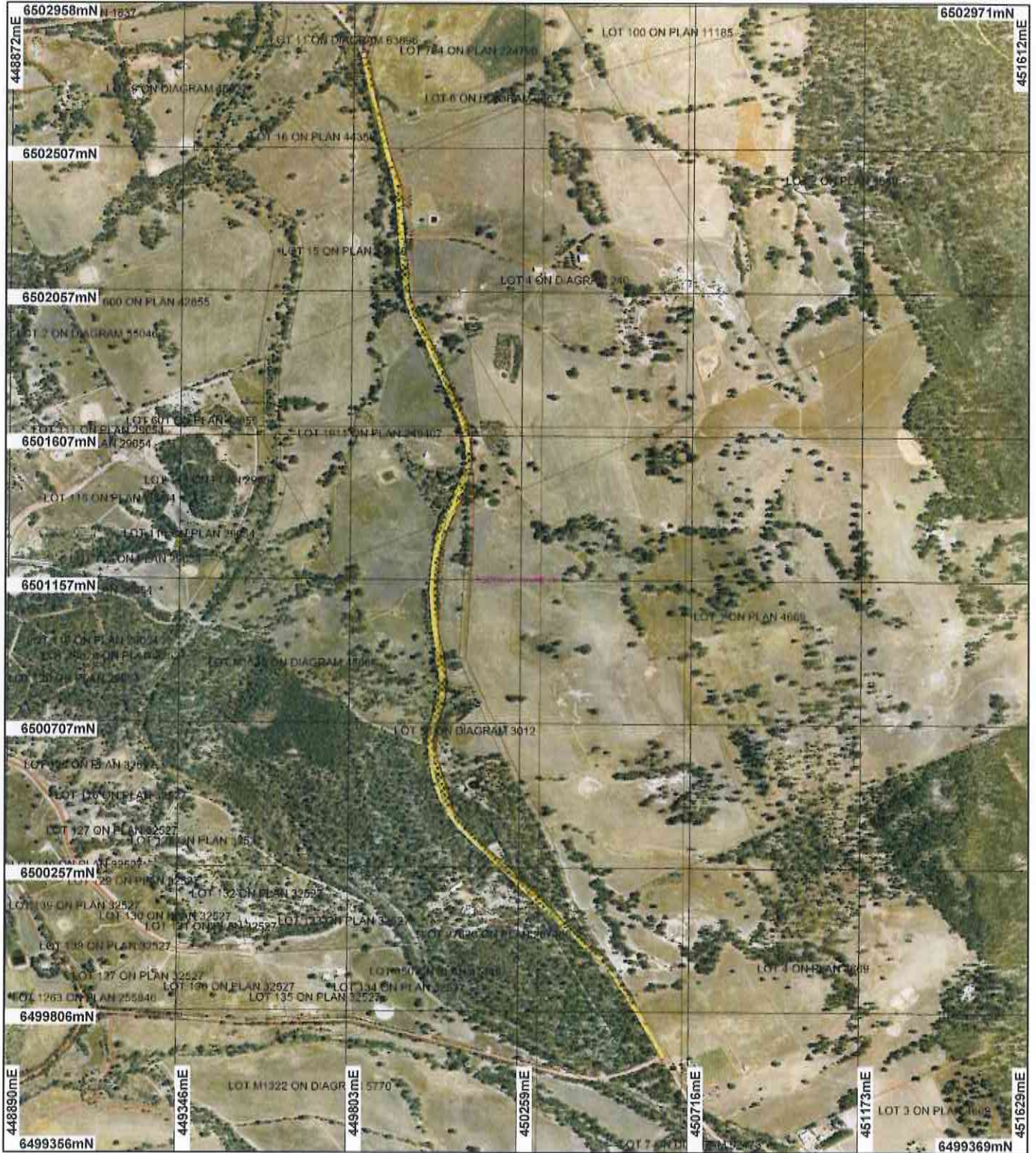


Kelly Faulkner
MANAGER
NATIVE VEGETATION CONSERVATION BRANCH

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

26 April 2011

Plan 4877/1



LEGEND

- Local Government Authorities
- Road Centrelines
- Areas Approved to Clear
- Cadastre for labelling
- Perth Metropolitan North East 40cm Orthomosaic - Landgate 2005



Scale 1:16000
(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.

[Signature] Date 26/6/12

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.: 4877/1

Permit type: Area Permit

1.2. Proponent details

Proponent's name: Shire of Toodyay

1.3. Property details

Property: ROAD RESERVE (HODDYS WELL 6566)

Local Government Area: Shire of Toodyay

Colloquial name: Clackline-Toodyay Road

1.4. Application

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

1.5. Decision on application

Decision on Permit Application: Grant

Decision Date: 26 April 2012

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 4 which is described as 'Medium woodland; marri & wandoo' (Shepherd, 2009).	The area under application is in a degraded (Keighery 1994) condition. The application area is located within Clackline-Toodyay Road reserve. The proposed clearing is for 23 trees.	Degraded: Structure severely disturbed; regeneration to good condition requires intensive management (Keighery 1994)	The condition of the vegetation under application was determined via aerial imagery (Perth Metropolitan North East- 40 cm Orthomosaic – Landgate 2005) and supporting information provided from the applicant (Shire of Toodyay 2012)

3. Assessment of application against clearing principles

Comments **Proposal is not likely to be at variance to this Principle**
This application proposes to clear approximately 23 trees within Clackline-Toodyay Road reserve for the purpose of upgrading and sealing road shoulders.

Considering the application is for 23 trees, and the vegetation is in a degraded (Keighery, 1994) condition, it is not unlikely the proposed clearing contains a high level of biodiversity, nor is it likely to support habitat for flora of conservation significance.

Numerous fauna species have been recorded within the local area (10km). Those likely to be impacted by the proposed clearing include *Calyptorhynchus banksii* subsp. *naso* (Forest Red-tailed Black-Cockatoo), *Calyptorhynchus baudinii* (Baudin's Cockatoo), *Calyptorhynchus latirostris* (Carnaby's Cockatoo). The trees proposed to be cleared may contain hollows which may provide habitat for fauna indigenous to Western Australia. Fauna management practices can help to minimise the impacts on habitat for fauna indigenous to Western Australia.

The proposed clearing is not likely to significantly impact upon ground water quality, surface water quality or cause appreciable land degradation in the local area.

Given the above the clearing as proposed may be at variance to principle (b) and is not likely to be at variance to the remaining clearing principles.

Methodology References:
-DEC (2007-)
-Shepherd (2009)

GIS Databases:
-Hydrology, linear
-IBRA Australia

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

Comments

The area under application falls within the Avon River Catchment Area which is an area proclaimed under the Rights in Water and Irrigation Act 1914.

No public submissions have been received in relation to this application.

Methodology

GIS Database:

- RIWI Act, Surface Water Areas

4. References

- DEC (2007 -) NatureMap: Mapping Western Australia's Biodiversity. Department of Environment and Conservation. URL: <http://naturemap.dec.wa.gov.au/>. Accessed 13/April/2012
- 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.
- Shire of Toodyay (2012) Photos of Vegetation proposed to be cleared for Clearing Permit CPS 4877/1 - Clackline - Toodyay Rd. Western Australia. (DEC Ref: A491861)

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)