



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

PERMIT DETAILS

Area Permit Number: 5866/1

File Number: 2011/006825-1

Duration of Permit: From 25 January 2014 to 25 January 2016

PERMIT HOLDER

Shire of Collie

LAND ON WHICH CLEARING IS TO BE DONE

Ewing Street road reserve (PIN 11436504), Collie

AUTHORISED ACTIVITY

The Permit Holder shall not clear more than 15 native trees within the area hatched yellow on attached Plan 5866/1.

CONDITIONS

1. Revegetation

In relation to the area shaded red on attached Plan 5866/1b the Permit Holder must maintain previously planted native vegetation.

A handwritten signature in cursive script, appearing to read "M Warnock", written over a horizontal line.

M Warnock
MANAGER
NATIVE VEGETATION CONSERVATION BRANCH

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

27 December 2013

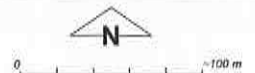
Plan 5866/1a



LEGEND

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

Collie Townsite 50cm
Orthomosaic - Landgate
2008



Scale 1:4000
(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.

M Warnock Date 24/12/13

M WARNOCK
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.



Government of Western Australia
Department of Environment Regulation

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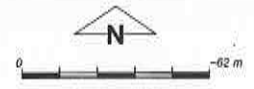
* Project Data is denoted by asterisk. This data has not been quality assured. Please contact map author for details.

Plan 5866/1b



LEGEND

- Road Centrelines
- Clearing Instruments
- Areas Subject to Conditions
- Cellie Townsite 50cm Orthomosaic - Landgate 2008



Scale 1:2434
(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.

M. Warnock Date 27/12/13
M. WARNOCK

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.



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1. Application details

1.1. Permit application details

Permit application No.: 5866/1
Permit type: Area Permit

1.2. Proponent details

Proponent's name: Shire of Collie

1.3. Property details

Property: EWING STREET ROAD RESERVE (COLLIE 6225)
Local Government Area: Shire of Collie
Colloquial name: Ewing Street, Collie

1.4. Application

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

1.5. Decision on application

Decision on Permit Application: Grant
Decision Date: 27 December 2013

2. Site Information

2.1. Existing environment and information

2.1.1. Description of the native vegetation under application

Vegetation Description	The area under application has been mapped as Beard Vegetation Association 3 which is described as medium forest; jarrah-marri (Shepherd et al 2001)	Vegetation Condition	Degraded: Structure severely disturbed; regeneration to good condition requires intensive management (Keighery 1994)
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3. Assessment of application against clearing principles

Comments

The proposed clearing consists of 15 native trees within Ewing Street road reserve for the purpose of road widening.

Consideration has been given to impacts to biodiversity, significant fauna habitat, rare flora, threatened ecological communities, remnant vegetation values, wetlands, watercourses, land degradation, surface water quality, groundwater quality, and flooding.

The proposed clearing site lies within the Country Areas Water Supply Act 1947 (CAWS Act) Wellington Dam Catchment Area, originally gazetted in April 1952. The catchment has been subject to CAWS Act native vegetation clearing controls since December 1978 to prevent salinisation of water resources. Ewing Road reserve is located in Zone A, a very high salinity risk part of the catchment, where the Department of Water policy and guidelines for the granting of licences to clear indigenous vegetation provide for the grant of a licence to clear for government works, subject to an equivalent area being reforested within the same or higher salinity risk zone (DoW, 2013). To compensate for clearing within this CAWS Act area the Shire has advised that they recently planted 0.5 hectares of native vegetation within Reserve 16067 which is in Zone D of the water reserve.

The assessment has found that the clearing under application may be at variance to principle (i) and is not likely to be at variance to the remaining clearing principles.

Methodology

GIS Datasets:
- Hydrology, linear
- IBRA Australia
- Aboriginal Sites of Significance
- DEC Tenure
- Town Planning Scheme Zones

References:

Shepherd et al (2001)
Keighery (1994)

- CAWSA Part IIA Clearing Controls Catchment
- Geomorphic Wetlands (Mgt Categories), Swan Coastal Plain
- Groundwater salinity, statewide
- Topographic Contours, statewide
- Soils, statewide
- RIWI Act, Areas
- Pre-European Vegetation
- SAC Biodatasets Accessed 3 December 2013
- Collie 50cm Orthomosaic - Landgate 2006
- Collie Townsite 50cm Orthomosaic - Landgate 2008

4. References

- DoW (2013) Country Areas Water Supply Act 1947 advice, Department of Water, Western Australia (DER Ref: A694538).
- 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.