



GOVERNMENT OF
WESTERN AUSTRALIA

CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

Purpose Permit number:	CPS 5077/1
Permit Holder:	Shire of Mingenew
Duration of Permit:	26 June 2012- 26 June 2017

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 upgrading the Irwin River crossing
- 2. Land on which clearing is to be done**
Depot Hill Road reserve, Yarragadee (PIN11712661)
Lot 304 on Deposited Plan 58470- Crown Reserve 2360, Yarragadee
- 3. Area of Clearing**
The Permit Holder must not clear more than 0.71 hectares of native vegetation within the area hatched yellow on attached Plan 5077/1.
- 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 the activities described in condition 1 of this Permit to the extent that the Permit Holder has the power to carry out works involving clearing 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. Dieback and weed control

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* and *dieback*:

- (a) clean earth-moving machinery of soil and vegetation prior to entering and leaving the area to be cleared;
- (b) ensure that no *dieback* or *weed*-affected soil, *mulch*, *fill* or other material is brought into the area to be cleared; and
- (c) 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;

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;

weeds 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*

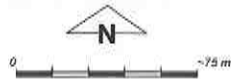
26 June 2012

Plan 5077/1



LEGEND

- | | |
|-------------------------|------------------------|
| Road Centrelines | Cadastre for labelling |
| Clearing Instruments | Freshhold |
| Areas Approved to Clear | Crown Reserve |



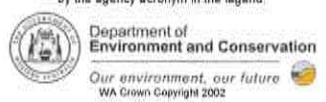
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(Approximate when reproduced at A4)

Geocentric Datum Australia 1994

Note: the datum this map have not been projected (this may result in geometric distortion or measurement inaccuracies).

Date 26/6/12

K. Faulkner
Information derived from this map should be confirmed with the data custodian acknowledged by the agency acronym in the legend.



* 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.: 5077/1
Permit type: Purpose Permit

1.2. Proponent details

Proponent's name: Shire of Mingenew

1.3. Property details

Property: ROAD RESERVE (YARRAGADEE 6522)
LOT 304 ON PLAN 58470 (YARRAGADEE 6522)

Local Government Area: Shire of Mingenew

Colloquial name:

1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
0.71		Mechanical Removal	Infrastructure Maintenance

1.5. Decision on application

Decision on Permit Application: Grant
Decision Date: 26 June 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
Mapped Beard vegetation association 379 is described as Shrublands; scrub-heath on lateritic sandplain in the central Geraldton Sandplain Region (Shepherd et al, 2001).	The proposed clearing of 0.71 hectares of native vegetation is for the purpose of upgrading the Irwin River crossing. The vegetation under application appears to be in a good to degraded (Keighery, 1994) condition.	Degraded: Structure severely disturbed; regeneration to good condition requires intensive management (Keighery 1994) Good: Structure significantly altered by multiple disturbance; retains basic structure/ability to regenerate (Keighery 1994)	The condition of the vegetation was established through aerial imagery (Mingenew 1.4m Orthomosaic-Landgate 2001).

3. Assessment of application against clearing principles

Comments

The proposed clearing of 0.71 hectares of native vegetation is for the purpose of upgrading the Irwin River crossing. The application area appears to be in a good to degraded (Keighery, 1994) condition.

Vegetation growing in association with Irwin River will be cleared to facilitate the upgrade of the river crossing.

The proposed clearing may cause short term sedimentation of surface water within the Irwin River. However, due to small size of the proposed clearing this impact will be minor and short term.

The proposed clearing is partially within Depot Hill Nature Reserve. The disturbance resulting from the proposed clearing will increase the risk of weeds and dieback spreading into this reserve. Weed and dieback management practices will assist in mitigating this risk.

Given the above, the proposed clearing is at variance to Principle (f), may be at variance to Principles (h) and (i), and is not likely to be at variance to the remaining principles.

Methodology **References**
-Keighery (1994)
GIS Databases
-SAC Bio datasets (accessed 1 June 2012)
-Hydrography, linear
-DEC Managed Lands
-Pre-European Vegetation
-Mattiske Vegetation

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

Comments

The area under application is mapped within an Aboriginal Site of Significance.

The Chief Executive Officer (CEO) of the Shire of Mingenew highlighted that this clearing permit is required urgently as bad weather has caused the road to flood and has had to be closed. The CEO stated that the road has flooded to 600mm and the road has to be closed when water gets to 200mm. A truck carrying wheat uses this crossing every 5 minutes.

The Department of Water (DOW) confirmed that the Irwin River is not a proclaimed river under the Rights in Water and Irrigation Act 1914 and no permit is required for the proposed works.

Methodology **References**
Department of Water (2012)

GIS Databases:
-Aboriginal Sites of Significance

4. References

- Department of Water (2012), Email Correspondence of the confirmation of the Irwin River is not a proclaimed river under the RIWI Act CPS5077/1 (DEC A514910).
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.

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)