



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

Purpose Permit number:	CPS 3258/1
Permit Holder:	Shire of Augusta – Margaret River
Duration of Permit:	24 October 2009 – 24 October 2014

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 road construction or maintenance

2. Land on which clearing is to be done

Burnside Road Reserve, Bramely 6285
Burnside Road Reserve, Burnside 6285
Harmans Road Reserve, Cowaramup 6284
Harmans Road Reserve, Wilyabrup 6280

3. Area of Clearing

The Permit Holder must not clear more than 0.7 hectares of native vegetation within the area shaded yellow on attached Plan 3258/1a and Plan 3258/1b.

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 and 2 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 for the authorised purpose of 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 pursuant to this Permit the Permit Holder must take the following steps to minimise the risk of 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) shall not move soils in wet conditions;
- (c) ensure that no *dieback* or *weed*-affected soil, *road building material*, *mulch* or *fill* or other material is brought into the area to be cleared; and
- (d) restrict the movement of machines and other vehicles to the limits of the areas to be cleared.

9. Fauna management

- (a) Prior to undertaking any clearing authorised under this Permit, the areas shall be inspected by a *fauna specialist* who shall identify habitat suitable to be utilised as habitat by *Pseudocheirus occidentalis* (Western Ringtail Possum).
- (b) Prior to clearing, any habitat identified by condition 9(a) shall be inspected by a *fauna specialist* for the presence of *Pseudocheirus occidentalis* (Western Ringtail Possum).
- (c) Prior to clearing, the Permit Holder shall ensure that any fauna identified by condition 9(b) shall be removed and relocated by a *fauna clearing person*, in accordance with a licence issued by the Department.

PART III - RECORD KEEPING AND REPORTING

10. Records must be kept

The Permit Holder must maintain the following records for activities done pursuant to this Permit:

- (a) In relation to fauna management pursuant to condition 9 of this Permit:
 - (i) the location of the habitat identified recorded using a Global Positioning System (GPS) unit set to Geocentric Datum Australia 1994 (GDA94), expressing the geographical coordinates in Eastings and Northings; and
 - (ii) the location and date where relocated fauna was released, recorded using a Global Positioning System (GPS) unit set to Geocentric Datum Australia 1994 (GDA94), expressing the geographical coordinates in Eastings and Northings.

11. Reporting

- (a) The Permit Holder must provide to the CEO, on or before 30 June of each year, a written report of records required under condition 10 of this Permit and activities done by the Permit Holder under this Permit between 1 January and 31 December of the preceding year.
- (b) Prior to 24 July 2014, the permit holder must provide to the CEO a written report of records required under condition 10 of this Permit where these records have not already been provided under condition 11 (a) of this Permit.

Definitions

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

dieback means the effect of *Phytophthora* species on native vegetation;

fauna clearing person means a person who has obtained a licence from the *Department*, issued pursuant to the *Wildlife Conservation Regulations 1970* authorising them to take fauna;

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

fill means material used to increase the ground level, or fill a hollow;

habitat tree(s) means trees that have a diameter, at average adult human chest height, of greater than 70cm, 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;

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;

road building materials means rock, gravel, soil, stone, timber, boulders and water;

weed 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*.

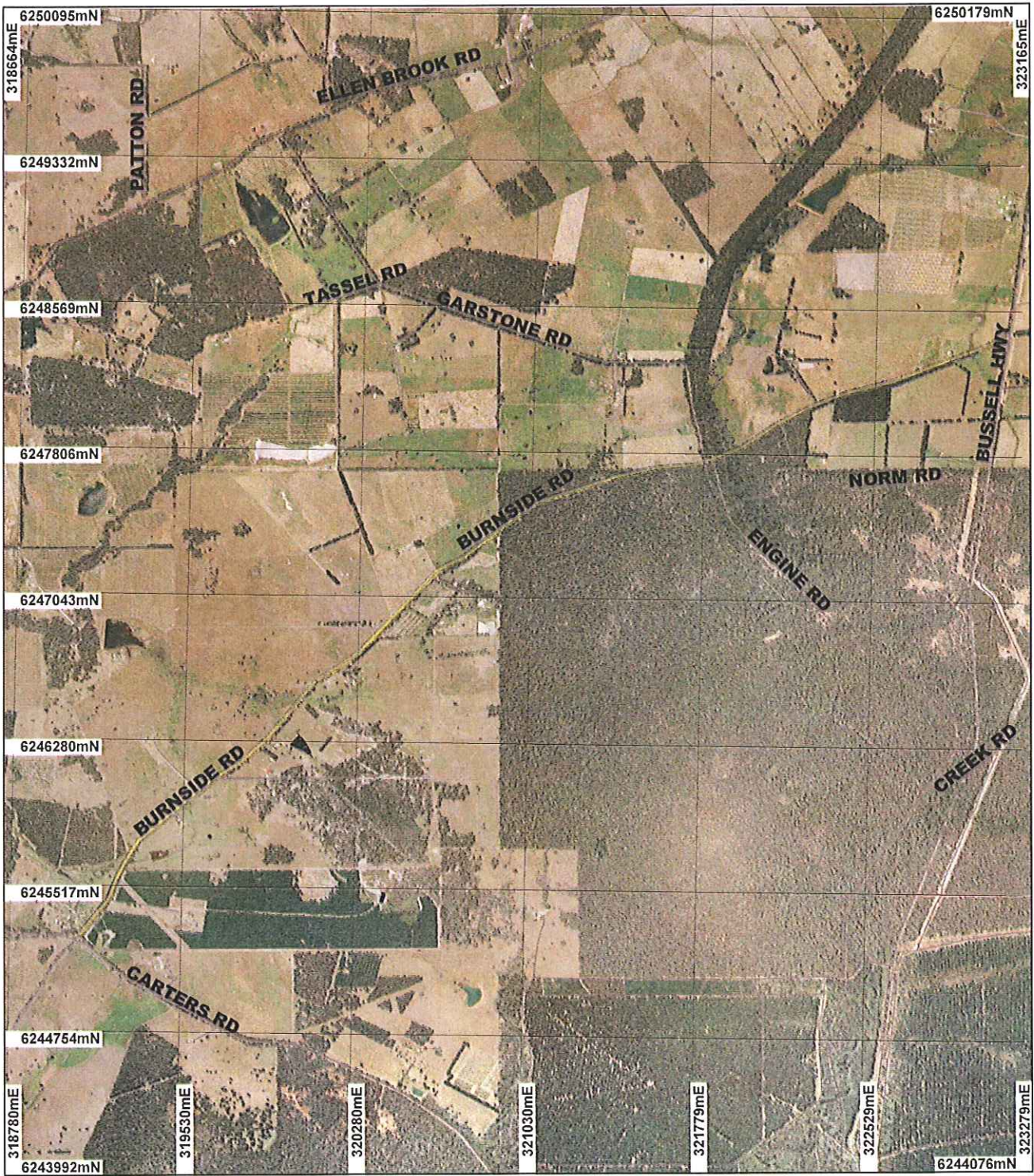


Kelly Faulkner
MANAGER
NATIVE VEGETATION CONSERVATION BRANCH

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

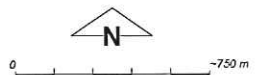
24 September 2009

Plan 3258/1a



LEGEND

- Clearing Instruments**
- Areas Approved to Clear
 - Road Centrelines
 - Busselton 50cm Orthomosaic - Landgate 2004



Scale 1:28000

(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.

K Faulkner Date 24/9/09

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.

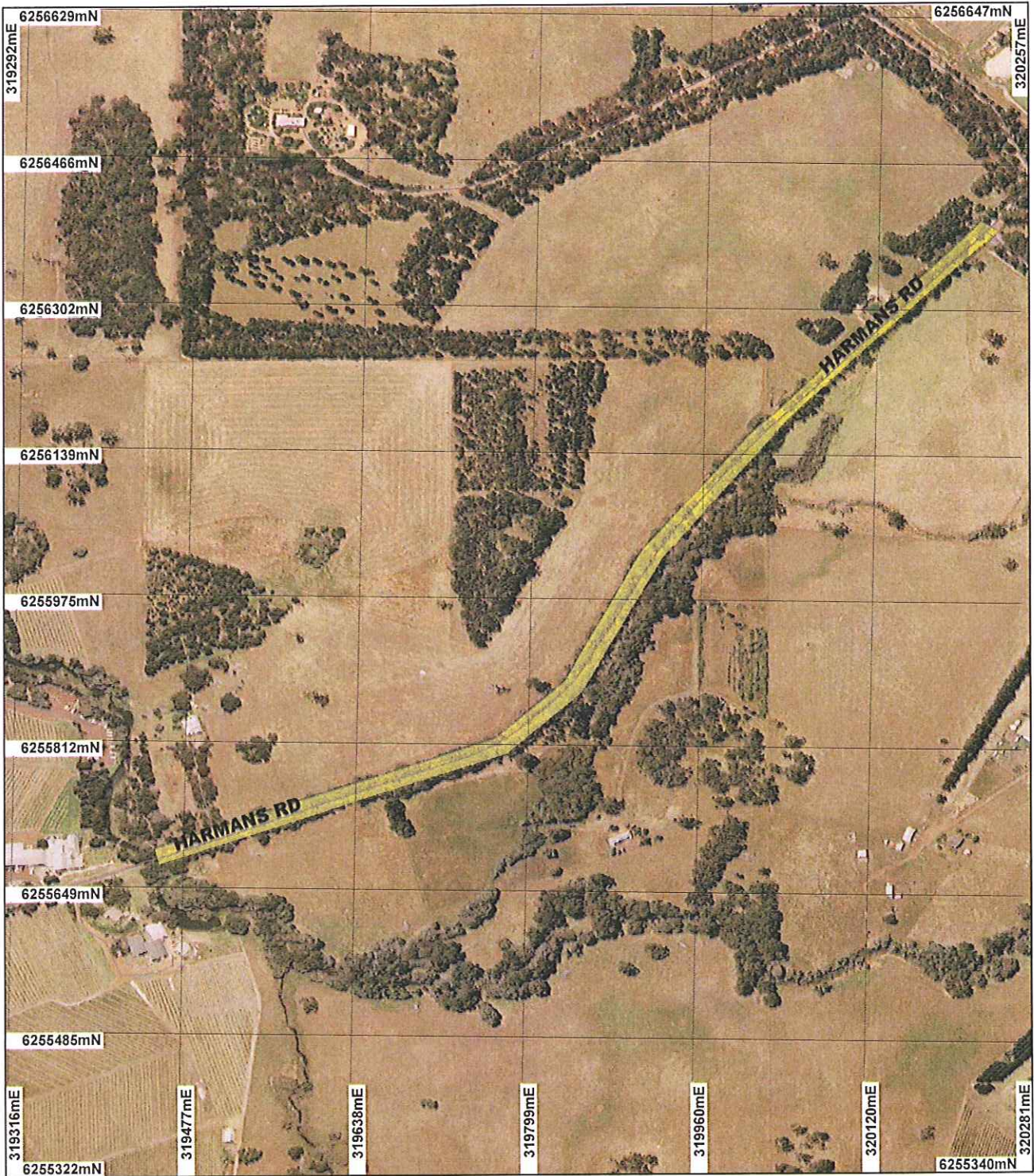


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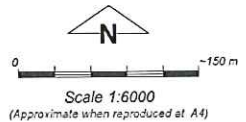
* Project Data is denoted by asterisk. This data has not been quality assured. Please contact map author for details.

Plan 3258/1b



LEGEND

- Clearing Instruments
- Areas Approved to Clear
- Road Centrelines
- * Busselton 50cm Orthomosaic - Landgate 2004



Geocentric Datum Australia 1994

Note: the data in this map have not been project #1. This may result in geometric distortion or measurement inaccuracies

K Faulkner Date 20/9/09

K Faulkner

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1. Application details

1.1. Permit application details

Permit application No.: 3258/1
 Permit type: Area Permit

1.2. Proponent details

Proponent's name: Shire of Augusta-Margaret River

1.3. Property details

Property: ROAD RESERVE (WILYABRUP 6280)
 ROAD RESERVE (BURNSIDE 6285)
 ROAD RESERVE (BRAMLEY 6285)
 ROAD RESERVE (BRAMLEY 6285)

Local Government Area:

Colloquial name: Burnside Road Reserve

1.4. Application

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

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 Types: 1: Tall forest; karri 3: Medium forest; jarrah-marri (Shepherd 2007; SAC Bio Datasets 2/09/2009)	The clearing proposal is to clear 0.7 ha within the Burnside Road reserve and Harman Road South road reserve for the purpose of conducting road works. Clearing will be undertaken along 1.1 km of Harmans Road South of which 0.3 km is within the Shire of Busselton and 0.8 km is within the Shire of Augusta-Margaret River; and along 5.2 km of Burnside Road, which is within the Shire of Augusta-Margaret River (2009).	Good: Structure significantly altered by multiple disturbance; retains basic structure/ability to regenerate (Keighery 1994)	The condition of the native vegetation under application was determined from Roadside Conservation Committee (2009) advice and from the site inspection (DEC, 2009).

3. Assessment of application against clearing principles

Comments

The proposed clearing is 0.7 hectares of native vegetation within 1.1 km of Harman Road South reserve and 5.2 km within Burnside Road reserve. The vegetation under application is associated with Beard vegetation type 3 and is in an overall good (Keighery, 1994) condition, dominated by *Corymbia calophylla* (DEC, 2009). In some sections of the roads, weeds dominant the understorey and where possible trees will be retained to maintain aesthetics of the local area (DEC, 2009). This vegetation is considered to comprise limited habitat or biodiversity values. The assessment considered that the proposed clearing is not likely to impact any biodiversity, land degradation, or environmental water values within the local or regional context.

One tributary of Ellen Brook and two tributaries of Bramley Brook cross Burnside Road; and Wilyabrup Brook and an associated tributary cross Harmans Road South. Given the proposed clearing is for road works and is adjacent to existing roads and roadside infrastructure such as table drains and culverts, it is considered that any associated land degradation would be prevented.

A section of Burnside Road crosses through Bramley National Park. To mitigate any impacts from the proposed clearing a weed control and dieback condition will be imposed on this permit.

There is one species of rare flora, *Caladenia excelsa*, recorded in the local area (10 km radius), that occurs on the same soils and on within similar vegetation as those of the areas under application. *Caladenia excelsa* is a tuberous, perennial herb that flowers between September and October and typically occurs on white, grey or brown sand or sandy loam (Western Australian Herbarium, 1998-). A site inspection (DEC, 2009) of the areas under application did not observe any *Caladenia excelsa* plants.

The application area could be significant habitat for Western Ringtail Possums as the vegetation within the area consists of peppermint trees and is, in parts, in very good (Keighery, 1994) condition. Fauna conditions will be placed on the permit to remove any Western Ringtail Possum dreys prior to clearing.

Given the relatively small scale of the proposed clearing and the location of the areas under application immediately adjacent to existing roadside infrastructure, the proposed clearing is not considered likely to be at variance to any of the clearing principles.

- Methodology** References:
- DEC (2009)
 - Keighery (1994)
 - Western Australian Herbarium (1998-)
- GIS databases:
- Busselton 50cm Orthomosaic - Landgate 2004
 - CALM Managed Lands and Waters
 - Hydrological, linear (hierarchy)
 - SAC Bio Datasets 2/09/09
 - Soils, Statewide

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

Comments

There is no RIWI Act Licence, Works Approval or EP Act Licence that affects the areas under application.

Roadside Conservation Committee (2009) advised that the roadside vegetation within the section of Burnside Road under application was surveyed in 2003:

- Burnside Road - SLK 0.0 (cnr of Burnside Road and Bussell Highway) to 2.4 was mapped as medium to high conservation value (both sides of the road), and
- Burnside Road SLK 2.4 to 5.2 was mapped as medium to low conservation value (both sides of the road).

The areas under application are located within Burnside Road Reserve (Shire of Augusta-Margaret River) and Harmans Road South road reserve (Shire of Augusta-Margaret River and Shire of Busselton).

- Methodology** Reference:
- Roadside Conservation Committee (2009)
- GIS database:
- Road Centrelines

4. Assessor's comments

Comment

The assessable criteria have been addressed and the proposed clearing is not likely to be at variance to any of the clearing principles.

5. References

- DEC (2009) Site Inspection Report for Clearing Permit Application CPS 3258/1, Burnside Road and Harmans Road South, Shire of Augusta-Margaret River. Site inspection undertaken 8/09/2009. Department of Environment and Conservation, Western Australia. TRIM Ref DOC
- Keighery, B.J. (1994) Bushland Plant Survey: A Guide to Plant Community Survey for the Community. Wildflower Society of WA (Inc). Nedlands, Western Australia.
- Roadside Conservation Committee (2009) Roadside Conservation Committee advice for CPS 3258/1 - Burnside Road and Harmans Road South. TRIM Ref DOC96213 and DOC96284
- 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. Includes subsequent updates for 2006 from Vegetation Extent dataset ANZWA1050000124.
- Shire of Augusta-Margaret River (2009) Clearing Application for Burnside Road and Harmans Road South, CPS 3258/1. TRIM Ref DOC94893
- Western Australian Herbarium (1998-) FloraBase - The Western Australian Flora. Department of Environment and Conservation. <http://florabase.dec.wa.gov.au/> (Accessed 17/09/2009).

6. 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)