



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

Purpose Permit number:	CPS 4185/2
Permit Holder:	Shire of Dardanup
Duration of Permit:	27 June 2011 – 27 June 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 road widening and maintenance, including intersection sight distance improvements.

2. Land on which clearing is to be done

ROAD RESERVE (VENN ROAD, DARDANUP 6236)
ROAD RESERVE (VENN ROAD, DARDANUP WEST 6236)
ROAD RESERVE (BANKSIA ROAD, CROOKED BROOK 6236)
ROAD RESERVE (DEPIAZZI ROAD, DARDANUP 6236)
ROAD RESERVE (WATERLOO ROAD, WATERLOO 6228)
ROAD RESERVE (FERGUSON ROAD, DARDANUP 6236)
ROAD RESERVE (FERGUSON ROAD, FERGUSON 6236)
ROAD RESERVE (HENTY ROAD, BUREKUP 6227)

3. Area of Clearing

The Permit Holder shall not clear more than 7.8 hectares of native vegetation within the combined areas shaded yellow on attached Plan 4185/2a and Plan 4185/2b and Plan 4185/2c and Plan 4185/2d.

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. 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) shall only move soils in *dry conditions*;
- (c) ensure that no *dieback* or *weed*-affected soil, *mulch*, *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. Vegetation management

Prior to commencing clearing, the Permit Holder shall construct a temporary fence along the western side of Waterloo Road between South Western Highway and the railway line in order to prevent adverse impacts to the threatened ecological community.

10. Fauna management

- (a) Prior to undertaking any clearing authorised under this Permit for Ferguson Road Reserve within the area shaded red on attached Plan 4185/1c, the area(s) shall be inspected by a *fauna specialist* who shall identify *habitat/habitat tree(s)* suitable to be utilised by Western Ringtail Possum (*Pseudocheirus occidentalis*);
- (b) Prior to clearing, any *habitat/habitat tree(s)* identified by condition 10(a) shall be inspected by a *fauna specialist* for the presence of fauna listed in condition 10(a).
- (c) Immediately prior to undertaking any clearing authorised under this Permit, the Permit Holder shall engage a *fauna clearing person* to remove and relocate fauna identified under condition 10(b).
- (d) Clearing authorised under this Permit for Venn Road Reserve, must be undertaken between the 1st December and the 31st May in any year for the term of this Permit.

11. Flora management

- (a) Prior to undertaking any clearing authorised under this Permit along the western side of Waterloo Road Reserve between the railway line and St Helena Road, the Permit Holder shall engage a *botanist*, to inspect that area for the presence of the following rare flora listed in the Wildlife Conservation (Rare Flora) Notice 2010(2):
 - (i) *Eleocharis keigheryi*.
- (b) Where rare flora are identified in relation to condition 11(a) of this Permit, the Permit Holder shall ensure that:
 - (i) all records of rare flora are submitted to the CEO; and
 - (ii) no clearing occurs within 50 metres of the identified rare flora, unless approved by the CEO.

12. Offsets

Where clearing authorised under this Permit impacts upon:

- threatened ecological community Floristic Community Type 3c – ‘*Corymbia calophylla* – *Xanthorrhoea preissii* woodlands and shrublands of the Swan Coastal Plain’ within Waterloo and Henty Road Reserves; and
 - vegetation within Venn, Henty and Waterloo Road Reserves,
- the Permit Holder must implement an *offset* in accordance with conditions 12(a) and 12(b) of this Permit with respect to that clearing.

(a) Determination of *offsets*:

- (i) in determining the *offset* to be implemented with respect to a particular area of native vegetation proposed to be cleared under this Permit, the Permit Holder must have regard to the *offset* principles contained in condition 12(b) of this Permit;
- (ii) once the Permit Holder has developed an *offset proposal*, the Permit Holder must provide that *offset proposal* to the CEO for the CEO’s approval prior to undertaking any clearing to which the *offset* relates, and prior to implementing the *offset*;
- (iii) clearing may not commence until and unless the CEO has approved the *offset proposal* to which the clearing relates;
- (iv) the Permit Holder shall implement the *offset proposal* approved under condition 12(a)(iii); and
- (v) each *offset proposal* shall include a *direct offset*, timing for implementation of the *offset proposal* and may additionally include *contributing offsets*.

(b) For the purpose of this condition, the *offset* principles are as follows:

- (i) *direct offsets* should directly counterbalance the loss of the native vegetation;
- (ii) *contributing offsets* should complement and enhance the *direct offset*;
- (iii) *offsets* are implemented only once all avenues to avoid, minimise, rectify or reduce environmental impacts have been exhausted;
- (iv) the environmental values, habitat, species, *ecological community*, physical area, ecosystem, landscape, and hydrology of the *offset* should be the same as, or better than, that of the area of native vegetation being *offset*;
- (v) a ratio greater than 1:1 should be applied to the size of the area of native vegetation that is *offset* to compensate for the risk that the *offset* may fail;
- (vi) *offsets* must entail a robust and consistent assessment process;
- (vii) in determining an appropriate *offset*, consideration should be given to ecosystem function, rarity and type of *ecological community*, *vegetation condition*, habitat quality and area of native vegetation cleared;
- (viii) the *offset* should either result in no net loss of native vegetation, or lead to a net gain in native vegetation and improve the *condition* of the natural environment;
- (ix) *offsets* must satisfy all statutory requirements;
- (x) *offsets* must be clearly defined, documented and audited;
- (xi) *offsets* must ensure a long-term (10-30 year) benefit; and
- (xii) an *environmental specialist* must be involved in the design, assessment and monitoring of *offsets*.

PART III - RECORD KEEPING AND REPORTING

13. Records must be kept

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

(a) In relation to the clearing of native vegetation authorised under this Permit:

- (i) the species composition, structure and density of the cleared area;
- (ii) 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;
- (iii) the date that the area was cleared; and
- (iv) the size of the area cleared (in hectares).

- (b) In relation to fauna management pursuant to condition 10 of this Permit:
 - (i) 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;
 - (ii) the location of each *Pseudocheirus occidentalis* (Western Ringtail Possum) drey 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.
 - (iii) the number of Western Ringtail Possum (*Pseudocheirus occidentalis*) that have been observed utilising, the habitat/habitat tree(s); and
 - (iv) 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 or decimal degrees.

- (c) In relation to flora management pursuant to condition 11 of this Permit:
 - (i) the location of each rare flora species, *Eleocharis keigheryi*, 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; and
 - (ii) a copy of the botanists flora survey report.

- (d) In relation to the offset of areas pursuant to condition 12 of this Permit:
 - (i) the location of any area of *offsets* 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;
 - (ii) a description of the *offset* activities undertaken; and
 - (iii) the size of the *offset* area (in hectares).

14. 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 13 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 27 March 2016, the Permit Holder must provide to the CEO a written report of records required under condition 13 of this Permit where these records have not already been provided under condition 14(a) of this Permit.

Definitions

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

botanist means a person with specific training and/or experience in the ecology and taxonomy of Western Australian flora;

condition means the rating given to native vegetation using the *Keighery scale* and refers to the degree of change in the structure, density and species present in the particular vegetation in comparison to undisturbed vegetation of the same type;

contributing offset/s has the same meaning as is given to that term in the Environmental Protection Authority's *Position Statement No.9: Environmental Offsets*, January 2006;

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

direct offset/s has the same meaning as is given to that term in the Environmental Protection Authority's *Position Statement No.9: Environmental Offsets*, January 2006;

dry conditions means when soils (not dust) do not freely adhere to rubber tyres, tracks, vehicle chassis or wheel arches;

ecological community/ies means a naturally occurring biological assemblage that occurs in a particular type of habitat (English and Blythe, 1997; 1999);

environmental specialist means a person who is engaged by the Permit Holder for the purpose of providing environmental advice, who holds a tertiary qualification in environmental science or equivalent, and has experience relevant to the type of environmental advice that an environmental specialist is required to provide under this Permit;

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;

Guidance Statement No. 51 means the Environmental Protection Authority Guidance Statement No 51, Guidance for the Assessment of Environmental Factors - Terrestrial Flora and Vegetation Surveys for Environmental Impact Assessment in Western Australia (2004);

habitat tree(s) means *Agonis flexuosa* (Peppermint trees) that have a diameter, at average adult human chest height, of greater than 10cm, healthy with evidence of possum use through scratchings, scats and/or the presence of dreys;

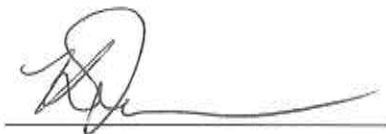
Keighery scale means the vegetation condition scale described in *Bushland Plant Survey: A Guide to Plant Community Survey for the Community (1994)* as developed by B.J. Keighery and published by the Wildflower Society of WA (Inc). Nedlands, Western Australia;

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;

offset/s means an offset required to be implemented under condition 12 of this Permit;

offset proposal means an *offset* determined by the Permit Holder in accordance with condition 12 of this Permit;

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*.

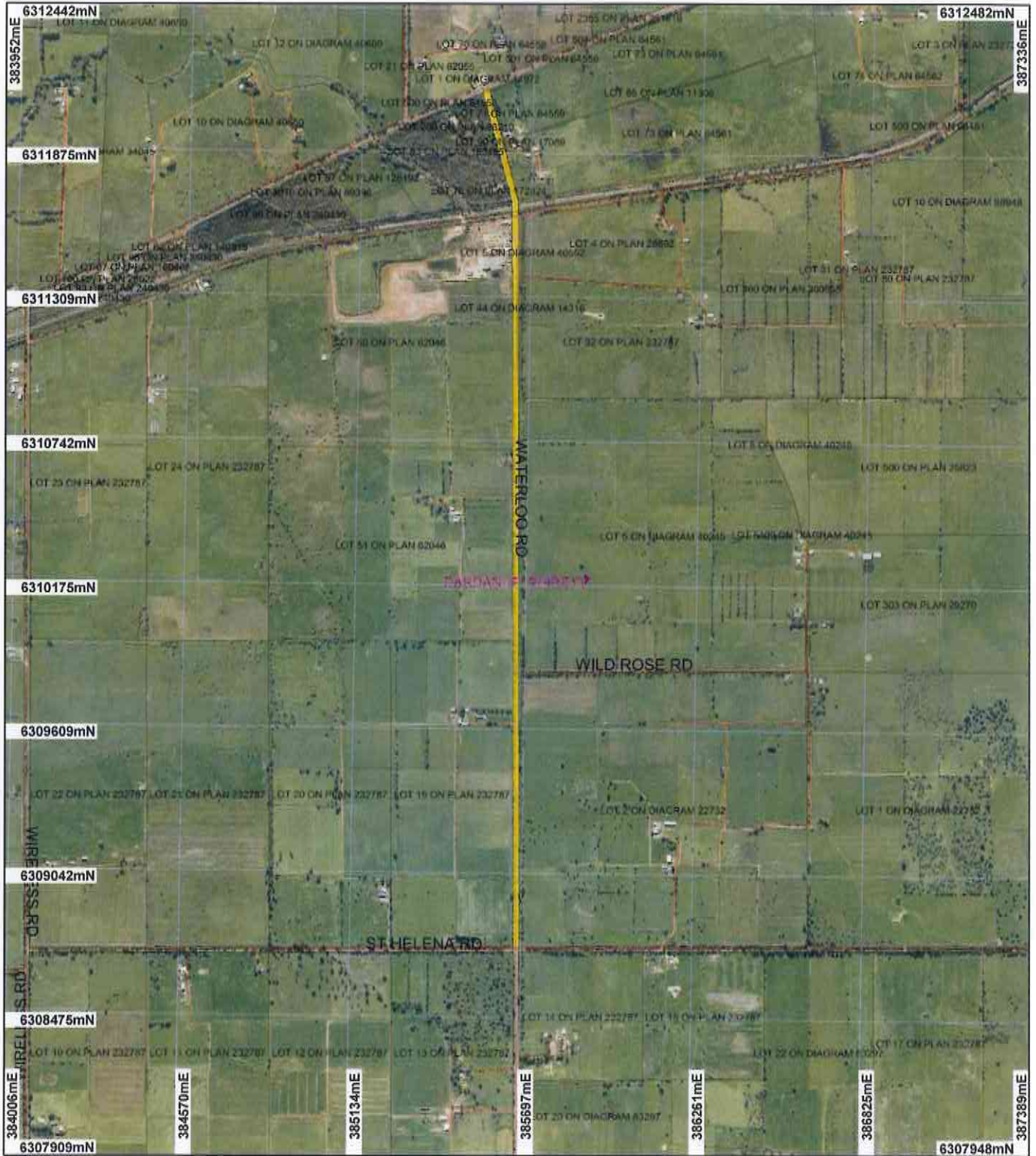


Kelly Faulkner
MANAGER
NATIVE VEGETATION CONSERVATION BRANCH

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

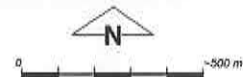
24 May 2012

Plan 4185/2a



LEGEND

- | | |
|-----------------------------|------------------------------------------|
| Clearing Instruments | Towns |
| Areas Applied to Clear | Bunbury 50cm Orthomosaic - Landgato 2008 |
| Areas Subject to Conditions | Local Government Authorities |
| Areas Approved to Clear | Cadastre for labelling |
| Road Centrelines | |
| Cadastre | |



Scale 1:20000
(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.

Date 24/5/12
Kelly 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

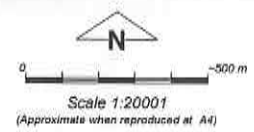
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Plan 4185/2b



LEGEND

- | | |
|-----------------------------|------------------------------------------|
| Clearing Instruments | Towns |
| Areas Applied to Clear | Bunbury 50cm Orthomosaic - Landgate 2006 |
| Areas Subject to Conditions | Local Government Authorities |
| Areas Approved to Clear | Cadastre for labelling |
| Road Centrelines | |
| Cadastre | |

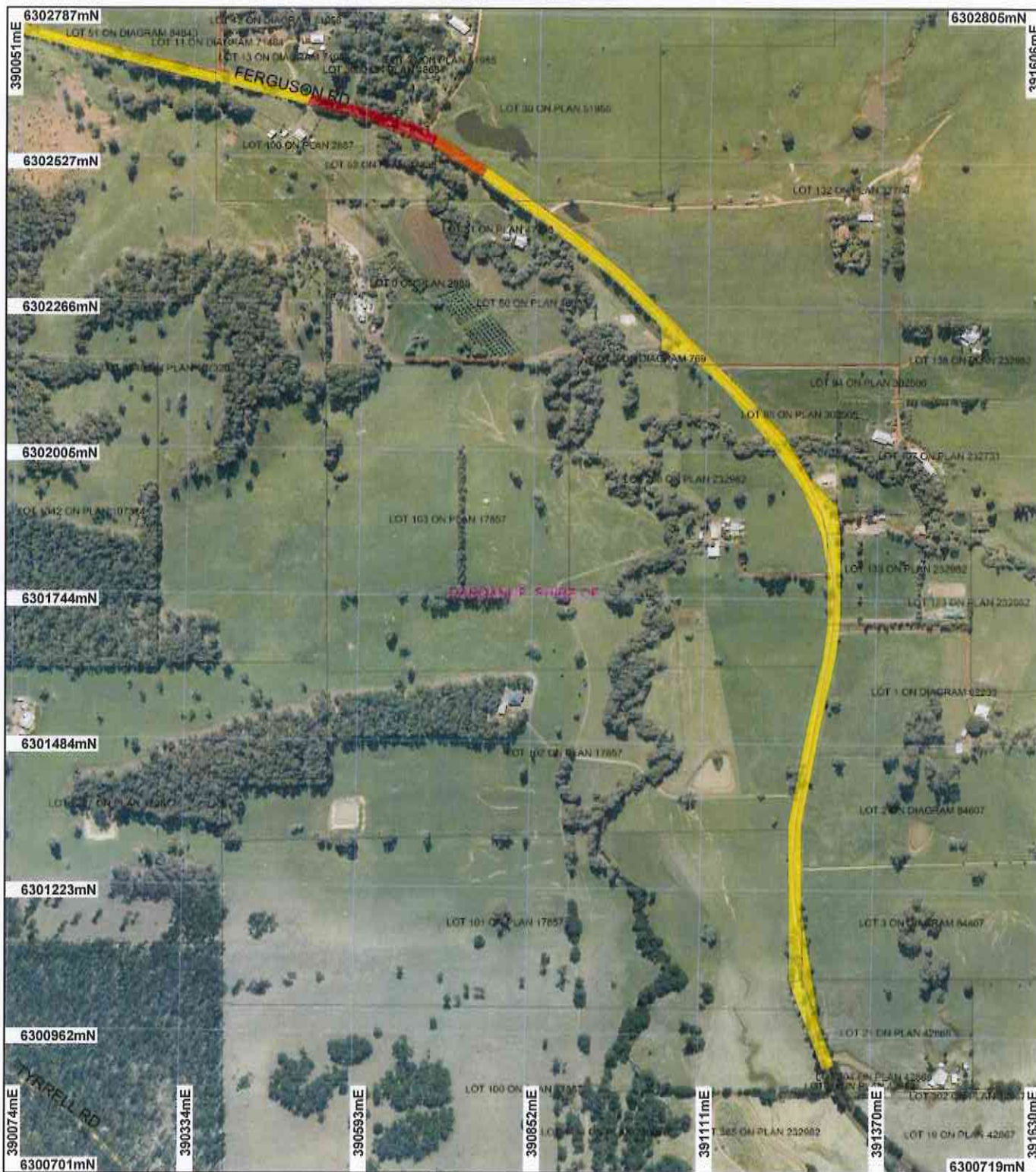


Geocentric Datum Australia 1994
 Note: the data in this map have not been projected. This may result in geometric distortion or measurement inaccuracies.

 Date 24/5/12
 Kelly Faulkner

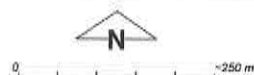
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Plan 4185/2c



LEGEND

- | | |
|-----------------------------|------------------------------------------|
| Clearing Instruments | Towns |
| Areas Applied to Clear | Bunbury 50cm Orthomosaic - Landgate 2008 |
| Areas Subject to Conditions | Local Government Authorities |
| Areas Approved to Clear | Cadastre for labelling |
| Road Centrelines | |
| Cadastre | |



Scale 1:9200
(Approximate when reproduced at A4)

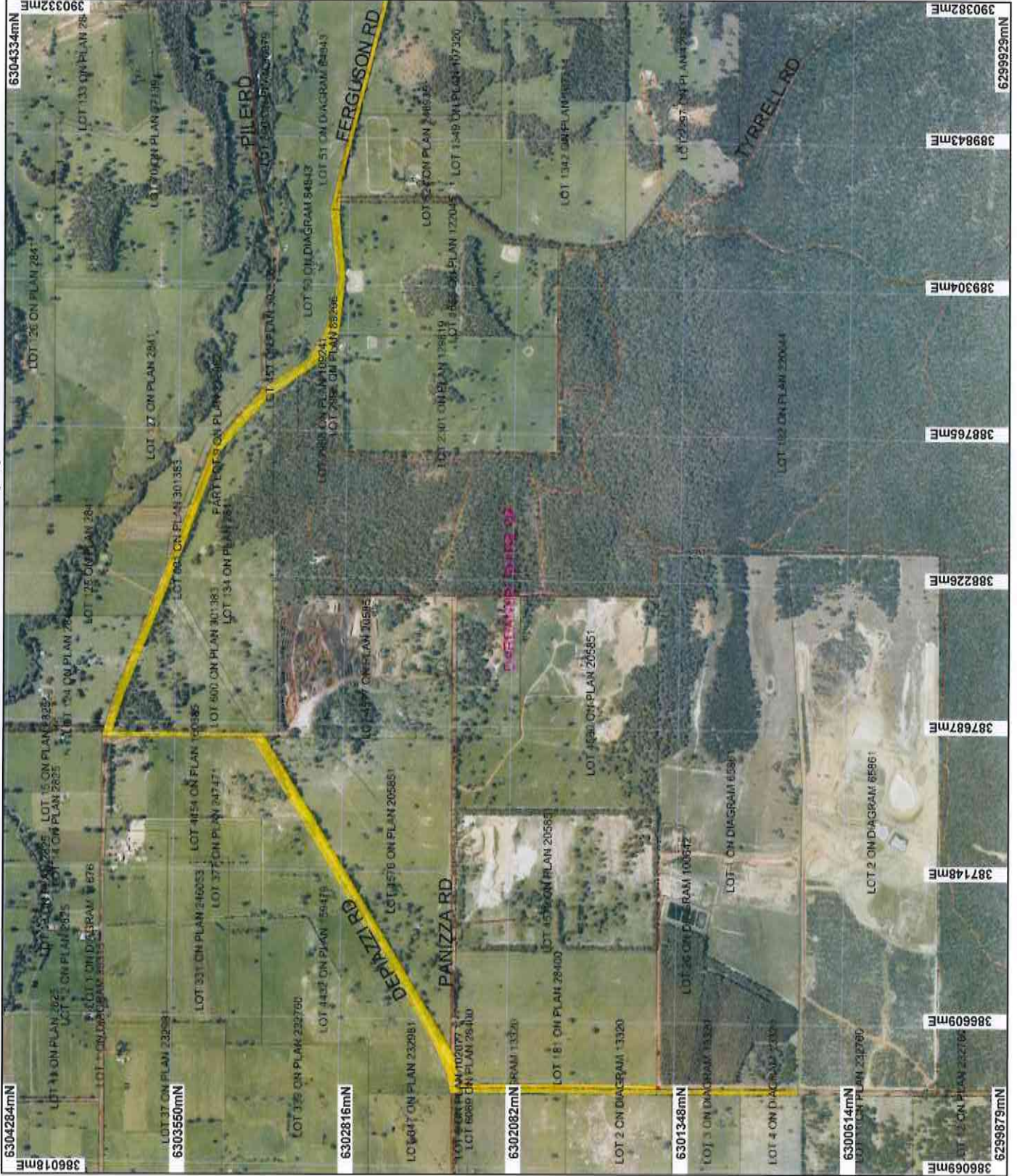
Geocentric Datum Australia 1994
Note: the data in this map have not been projected. This may result in geometric distortion or measurement inaccuracies.

Date 24/5/12
Kelly Faulkner

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Plan 4185/2 (d)



LEGEND

Cleaning Instruments

- Areas Applied to Clear
- Areas Subject to Conditions
- Areas Approved to Clear
- Road Centrelines
- Cadastre
- Towns
- Bunbury 50cm Orthomosaic - Landgate 2006
- Local Government Authorities
- Cadastre for labelling

Scale 1:21000
 (Approximate when reproduced at A4)

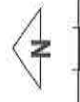
Geocentric Datum Australia 1984

Note: The data in this map have not been projected. This may result in geometric distortion of measurement coordinates.

Kelly Falkner 20/1/12
 Kelly Falkner Date

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 386069mE 6303550mN
 3862816mN
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 386069mE 6299879mN
 387148mE
 387687mE
 388226mE
 388765mE
 389304mE
 389843mE
 390382mE



1. Application details

1.1. Permit application details

Permit application No.: 4185/2
Permit type: Purpose Permit

1.2. Proponent details

Proponent's name: Shire of Dardanup

1.3. Property details

Property:
ROAD RESERVE (VENN ROAD, DARDANUP 6236)
ROAD RESERVE (DEPIAZZI ROAD, DARDANUP 6236)
ROAD RESERVE (FERGUSON ROAD, DARDANUP 6236)
ROAD RESERVE (FERGUSON ROAD, FERGUSON 6236)
ROAD RESERVE (WATERLOO ROAD, WATERLOO 6228)
ROAD RESERVE (VENN ROAD, DARDANUP WEST 6236)
ROAD RESERVE (HENTY ROAD, BUREKUP 6227)
SHIRE OF DARDANUP

Local Government Area:

Colloquial name:

1.4. Application

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

1.5. Decision on application

Decision on Permit Application: Grant
Decision Date: 27 June 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
Shepherd (2009) describes Beard vegetation 4 as Medium woodland; marri & wandoo 27 as Low woodland; paperbark (<i>Melaleuca</i> sp.) 968 as Medium woodland; jarrah, marri & wandoo 1182 as Medium woodland; <i>Eucalyptus rudis</i> & <i>Melaleuca raphiophylla</i> Heddle vegetation complexes (Heddle 1980)	Waterloo Road Vegetation under application on the western side of the road between the South-West Highway and the rail-line, adjacent to the Waterloo Crown Reserve 2806, is described as wandoo, marri open forest over a <i>Xanthorrhoea preissii</i> open low heath in a 'good' (Keighery, 1994) condition (DEC, 2011a).	Very Good: Vegetation structure altered; obvious signs of disturbance (Keighery 1994) Good: Structure significantly altered by multiple disturbance; retains basic structure/ability to regenerate (Keighery 1994) Degraded: Structure severely disturbed; regeneration to good condition requires intensive management (Keighery 1994)	Vegetation type and condition confirmed during DEC site visits undertaken in February and May 2011 (DEC, 2011a & DEC, 2011c).
GUILDFORD COMPLEX : A mixture of open forest to tall open forest of <i>Corymbia calophylla</i> (Marri) - <i>Eucalyptus wandoo</i> (Wandoo) - <i>Eucalyptus marginata</i> (Jarrah) and woodland of <i>Eucalyptus wandoo</i> (Wandoo) (with rare occurrences of <i>Eucalyptus lane-poolei</i> (Salmon White Gum)). Minor components include <i>Eucalyptus rudis</i> (Flooded Gum) - <i>Melaleuca raphiophylla</i> (Swamp Paperbark).	On the eastern side of the road the vegetation is in a 'completely degraded' to 'degraded' (Keighery, 1994) condition (DEC, 2011c).	Completely Degraded: No longer intact; completely/almost completely without native species (Keighery 1994)	
DARDANUP COMPLEX : Mosaic of vegetation types characteristic of adjacent vegetation complexes such as Serpentine River, Southern River and Guildford.	The vegetation between the rail way line and Wild-Rose Road has been impacted considerably by past clearing with vegetation mainly retained within the roadside drain on the western side of the road, including regrowth <i>Viminaria juncea</i> and <i>M. pauciflora</i> , and scattered trees (mostly wandoo, <i>Melaleuca raphiophylla</i> and <i>M. viminea</i>) and shrubs on the east side of the road (DEC, 2011a).		
DARLING SCARP COMPLEX : Vegetation ranges from low open woodland to lichens according to	Vegetation under application between Wild-Rose Road and St. Helena Road on both sides of the		

depth of soils. Woodland components chiefly *Eucalyptus wandoo* (Wandoo) with *Eucalyptus laevis* (Darling Range Ghost Gum) in the north, *Corymbia haematoxylon* (Mountain Marri) in the south, and *Corymbia calophylla* (Marri) throughout the region. Dominant vegetation types R. R.

Mattiske vegetation complexes - Preston (PR) - Woodland of *Eucalyptus rudis*-*Agonis flexuosa*-*Banksia seminuda* along streams, open forest of *Corymbia calophylla*-*Eucalyptus patens* on slopes in the humid zone.

road is generally in 'good' (Keighery 1994) condition. The eastern side of the road, within this area, comprises a narrow remnant of marri (*Corymbia calophylla*), Flooded Gum (*Eucalyptus rudis*), *Melaleuca raphiophylla* and *M. viminea* over mixed shrub, sedges and herbs in a 'degraded' to 'good' condition (DEC, 2011c).

Henty Road Sections of Henty Road, from Lennard Road junction to approximately 300m north and from 700 to 1500m north of Lennard Road junction, have already been widened to the required road width and therefore no further clearing within these areas will be required.

Approximately 300 - 700m north of Lennard Road junction comprises open forest of marri in a 'degraded' condition (DEC, 2011a). The most impact to vegetation within the Henty Road reserve is within a section of road approximately 1.5km to 2.4km north of the Lennard road junction. Much of the impact within this section is contained within the road maintenance zone however, an approximate 100m stretch between 2.2 and 2.3km south of the South West Highway junction on the western side of the road is proposed to require 2m of vegetation into the road reserve to be removed. The western side of the road in this area is in 'good' to 'very good' (Keighery, 1994) condition comprising mostly marri, wandoo open forest with *Agonis flexuosa* and *Melaleuca raphiophylla* and an intact understorey while the eastern side is in a 'degraded' (Keighery, 1994) condition (DEC, 2011a and DEC, 2011c).

The section of road north of this to the South West Highway junction is also marri - wandoo open forest in a 'degraded' (Keighery, 1994) condition (DEC, 2011a).

Ferguson Road

The area under application consists of upland vegetation of marri - jarrah open forest over a mostly intact understorey and is in 'very good' (Keighery 1994) condition along much of the western side of the road while most of the eastern road reserve is in 'degraded' (Keighery, 1994) condition (DEC, 2011a). The lowland areas have a closed to open *Agonis flexuosa* forest in a 'degraded' (Keighery, 1994) condition (DEC, 2011a).

Depiazzi Road

The vegetation under application is mostly a jarrah - marri open forest in 'degraded' (Keighery 1994) condition adjacent to the existing road and 'very good' (Keighery, 1994) condition approximately 1-2m into the road reserve (DEC,

2011a). However, on the sandier soils the vegetation becomes a jarrah, *Banksia attenuata*, marri open forest of 'degraded' to 'good' (Keighery 1994) condition (DEC, 2011a). The western side of the road reserve supports the best condition vegetation along Depiazzi Road while the eastern side of the road reserve supports limited native vegetation (DEC, 2011a).

Venn Road

The vegetation within the road reserve is *Eucalyptus rudis* (flooded gum) low open forest with emergent *Melaleuca raphiophylla* and *Agonis flexuosa*, the entire length is in 'degraded' (Keighery 1994) condition (DEC, 2011a).

3. Assessment of application against clearing principles

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Comments

The proponent has applied to change the purpose of permit CPS4185/1 to include intersection site distance improvements. A review of current environmental information reveals no new additional information. Therefore the assessment against the clearing principles has not changed and can be found in the Clearing Permit Decision Report CPS4185/1.

Methodology

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

Comments

The proponent has applied to change the purpose of Clearing Permit CPS4185/1.

No submissions from the public have been received.

4. References

- DEC (2011a) Site Inspection Report for Clearing Permit Application CPS 4185/1, Depiazzi, Venn, Ferguson, Waterloo and Henty Roads, Shire of Dardanoo. Site inspection undertaken 28/02/2011. Department of Environment and Conservation, Western Australia (DEC Ref. A379594).
- DEC (2011c) Site Inspection Report for Clearing Permit Application CPS 4185/1, Depiazzi, Venn, Ferguson, Waterloo and Henty Roads, Shire of Dardanup. Site inspection undertaken 12/05/2011. Department of Environment and Conservation, Western Australia (DEC Ref. A401486).
- Hedde, E. M., Loneragan, O. W., and Havel, J. J. (1980) Vegetation Complexes of the Darling System, Western Australia. In Department of Conservation and Environment, Atlas of Natural Resources, Darling System, Western Australia.
- Keighery, B.J. (1994) Bushland Plant Survey: A Guide to Plant Community Survey for the Community. Wildflower Society of WA (Inc). Nedlands, Western Australia.
- Mattiske, E.M. and Havel, J.J. (1998) Vegetation Complexes of the South-west Forest Region of Western Australia. Maps and report prepared as part of the Regional Forest Agreement, Western Australia for the Department of Conservation and Land Management and Environment 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.

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)