



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

Purpose Permit number:	CPS 3484/1
Permit Holder:	Shire of Capel
Duration of Permit:	21 February 2010 – 21 February 2015

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 footpath construction.

2. Land on which clearing is to be done

Hasties Road reserve, Gelorup
Frances Road reserve, Gelorup

3. Area of Clearing

The Permit Holder must not clear more than 20 native trees within the areas shaded yellow on attached Plans 3484/1a and 3484/1b.

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, 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. Fauna management

- (a) Prior to undertaking any clearing authorised under this Permit, the areas shall be inspected by a *fauna specialist* for the presence of Western Ringtail Possum dreys.
- (b) The permit holder must not clear native vegetation that contains Western Ringtail dreys identified under condition 8(a).

9. Weed control

- (a) 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*:
 - (i) clean earth-moving machinery of soil and vegetation prior to entering and leaving the area to be cleared;
 - (ii) ensure that no *weed*-affected soil, *mulch*, *fill* or other material is brought into the area to be cleared; and
 - (iii) restrict the movement of machines and other vehicles to the limits of the areas to be cleared.
- (b) At least once in each 12 month period for the *term* of this Permit, the Permit Holder must remove or kill any *weeds* growing within areas cleared under this Permit.

PART III - RECORD KEEPING AND REPORTING

10. Records must be kept

- (a) The Permit Holder must maintain the following records for activities done pursuant to this Permit 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 8 of this Permit, 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

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 14 November 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:

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;

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;

term means the duration of this Permit, including as amended or renewed; and

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*.

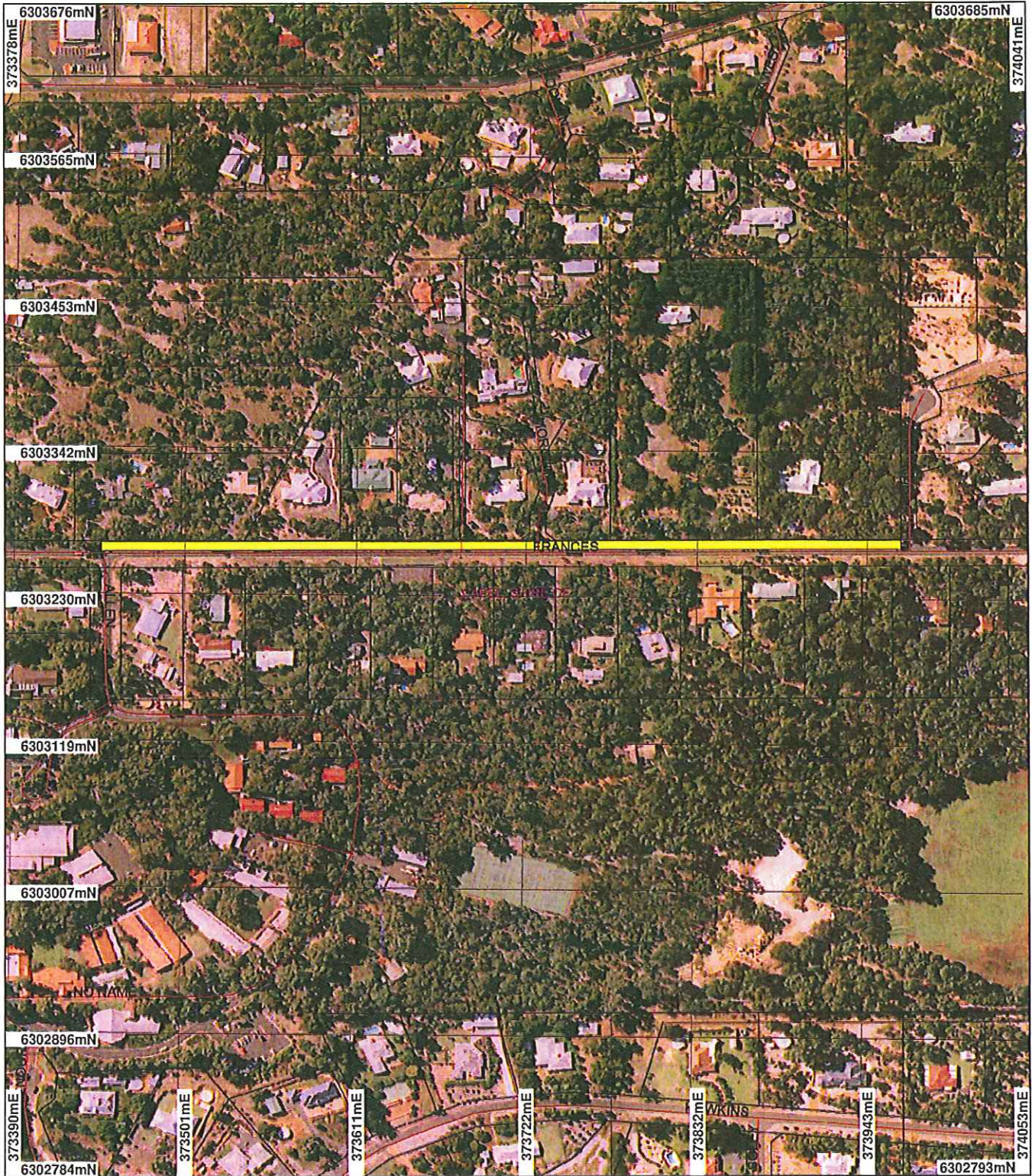
A handwritten signature in black ink, appearing to read 'K Faulkner', is written over a horizontal line.

Kelly Faulkner
MANAGER
NATIVE VEGETATION CONSERVATION BRANCH

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

21 January 2010

Plan 3484/1a

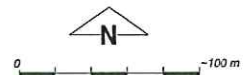


LEGEND

- Clearing Instruments**
- Areas Subject to Conditions
 - Areas Approved to Clear
 - Road Centrelines
 - Cadastre

Local Government Authorities

Bunbury 60cm Orthomosaic - Landgate 2006



Scale 1:3924

(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

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

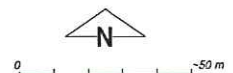
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Plan 3484/1b



LEGEND

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



Scale 1:2070

(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 *21/1/15*
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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1. Application details

1.1. Permit application details

Permit application No.: 3484/1
Permit type: Purpose Permit

1.2. Proponent details

Proponent's name: Shire of Capel

1.3. Property details

Property: ROAD RESERVE (GELORUP 6230)
ROAD RESERVE (GELORUP 6230)
Local Government Area: Shire of Capel
Colloquial name: Hasties and Frances Road reserve

1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
	20	Mechanical Removal	Miscellaneous
		Mechanical Removal	Miscellaneous

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 (1980) vegetation association 6 is described as medium woodland; tuart & jarrah	Vegetation proposed to be cleared consists of 20 native trees which have been identified as <i>Corymbia calophylla</i> , <i>Agonis flexuosa</i> , <i>leptospermum laevigatum</i> and <i>Acacia longifolia</i> .	Degraded: Structure severely disturbed; regeneration to good condition requires intensive management (Keighery 1994)	Vegetation condition was determined from photographs supplied by the Shire of Capel and Department of Environment and Conservation (DEC) site visit.
Association 998 - Medium woodland; tuart			

3. Assessment of application against clearing principles

Comments

The proposed clearing consists of 20 isolated trees with no understorey within Frances and Hasties Road reserves, Gelorup, for the purpose of constructing footpaths. DEC site visit has found that the trees proposed to be cleared are *Corymbia calophylla*, *Agonis flexuosa*, *leptospermum laevigatum* and *Acacia longifolia* (DEC, 2010).

Within the local area a large number of priority and rare flora species were recorded. Found on the same vegetation and soil type there were *Lasiopetalum membranaceum* (found within 1.5kms) and *Acacia flagelliformis* (found within 2.2kms). DEC site visit (DEC, 2010) confirmed that the application area is not suitable habitat for these species.

The majority of the vegetation to be cleared (approximately 17 trees) is within Beard (1980) vegetation association 6 which had approximately 26.18% of its pre-clearing extent remaining within the Swan Coastal Plain. The remaining vegetation (3 trees) falls within Beard (1980) association 998 which has approximately 41.73% of its pre-clearing extent remaining. Due to the degraded condition of the vegetation under application it is not likely that it is representative of either vegetation type.

The assessment identified that the proposed clearing is not likely to significantly impact any biodiversity, land degradation, or environmental water values within the local or regional context.

Methodology

References:
- DEC (2010)
- Keighery (1994)
- Northcote et al. (1968)
- Shepherd (2007)

GIS databases:

- Bunbury 50cm Orthomosaic - Landgate 2006
- Hydrography linear - DOW 13/7/06
- SAC Bio Datasets 14/12/2009
- Soils, Statewide DA 11/99

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

Comments

This application was amended during assessment as during a site visit (DEC, 2010) a Western Ringtail Possum drey was identified in one of the Peppermint trees which was proposed to be cleared. The Shire of Capel has agreed to realign the footpath to remove this tree from the application.

Following advice received from the Roadside Conservation Commission a weed control and fauna management condition were added to the permit to address issues raised.

No submissions from the public have been received.

No EP Act licences or approvals are required.

Methodology

4. Assessor's comments

Comment

The application has been assessed against the clearing principles, planning instruments and other matters in accordance with s51O of the Environmental Protection Act 1986, and the proposed clearing is not likely to be at variance to the clearing Principles.

5. References

- DEC (2010) Site Inspection Report for Clearing Permit Application CPS 3484/1, Frances and Hasties Road reserves, Gelorup. Site inspection undertaken 08/01/2010. Department of Environment and Conservation, Western Australia (TRIM Ref. DOC115451).
- Keighery, B.J. (1994) Bushland Plant Survey: A Guide to Plant Community Survey for the Community. Wildflower Society of WA (Inc). Nedlands, Western Australia.
- Northcote, K. H. with Beckmann G G, Bettenay E., Churchward H. M., van Dijk D. C., Dimmock G. M., Hubble G. D., Isbell R. F., McArthur W. M., Murtha G. G., Nicolls K. D., Paton T. R., Thompson C. H., Webb A. A. and Wright M. J. (1960-68): 'Atlas of Australian Soils, Sheets 1 to 10, with explanatory data'. CSIRO and Melbourne University Press: Melbourne.
- 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.

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 (now DEC)
DMP	Department of Mines and Petroleum (ex DoIR)
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)