



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

Purpose Permit number:	CPS 3460/1
Permit Holder:	Shire of Victoria Plains
Duration of Permit:	14 February 2010 – 14 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 road construction.
- 2. Land on which clearing is to be done**
Forrest Street road reserve, Bolgart (PIN 11437355 and PIN 11437365)
- 3. Area of Clearing**
The Permit Holder must not clear more than 0.18 hectares of native vegetation within the area shaded yellow on attached Plan 3460/1.
- 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 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 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. 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.

9. Revegetation and rehabilitation

- (a) Within twelve months of clearing any area authorised under this Permit, the Permit Holder must *plant* 500 native trees within the areas shaded red on attached Plan 3460/1, ensuring only *local provenance* seeds and propagating material are used.
- (b) Within twelve months of undertaking *planting* in accordance with condition 9(a) of this Permit, the Permit Holder must:
- (i) determine the survival rate of the trees planted in accordance with condition 9(a); and
 - (ii) where, in the opinion of an *environmental specialist*, the trees planted under condition 9(a) are unlikely to survive, additional *planting* is required in accordance with condition 9(a) of this Permit.

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 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 the *planting* of areas pursuant to condition 9 of this Permit:
- (i) the location of any areas *planted*, recorded using a Global Positioning System (GPS) unit set to Geocentric Datum Australia 1994 (GDA94), expressing the geographical coordinates in Eastings and Northings;
 - (ii) a description of the *planting* activities undertaken;
 - (iii) the number of trees *planted*; and
 - (iv) the species composition, structure and density of *planting*.

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:

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;

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

local provenance means native vegetation seeds and propagating material from natural sources within 10 kilometres of the area cleared;

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;

plant/ed/ing means the re-establishment of vegetation by creating favourable soil conditions and planting seedlings of the desired species;

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*.

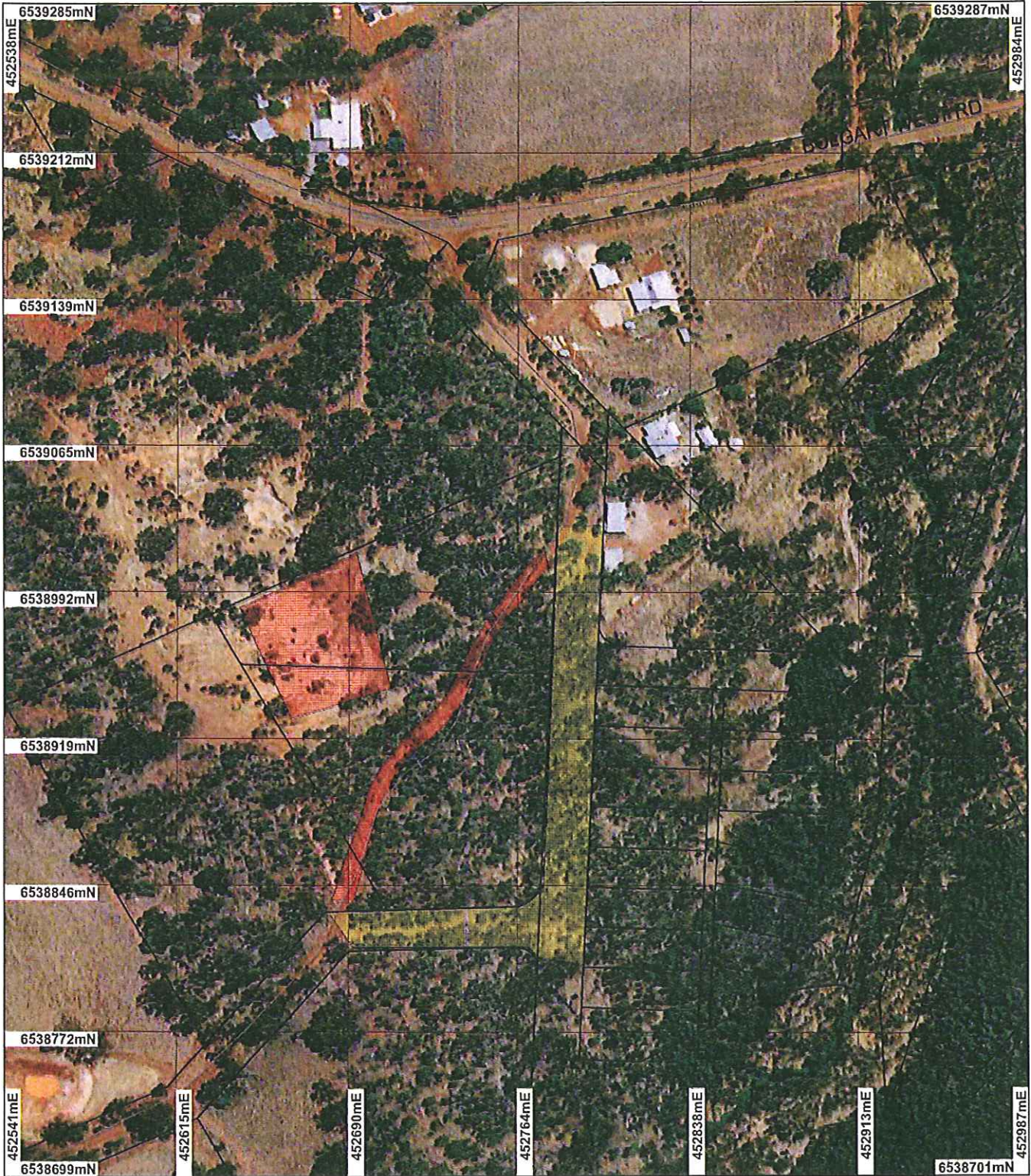


Kelly Faulkner
MANAGER
NATIVE VEGETATION CONSERVATION BRANCH

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

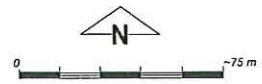
14 January 2010

Plan 3460/1



LEGEND

- | | |
|-----------------------------|---|
| Clearing Instruments | <input type="checkbox"/> Cadastra |
| Areas Subject to Conditions | <input type="checkbox"/> Goomalling 50cm |
| Areas Approved to Clear | <input type="checkbox"/> Orthomosaic - Landgate |
| Road Centrelines | <input type="checkbox"/> 2006 |



Scale 1:2600
(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 14/1/20
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.: 3460/1
Permit type: Purpose Permit

1.2. Proponent details

Proponent's name: Shire of Victoria Plains

1.3. Property details

Property: ROAD RESERVE (BOLGART 6568)

Local Government Area:

Colloquial name: Forrest St

1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
0.18		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 type: 352 - Medium woodland; York Gum (Shepherd, 2007; SAC Bio Datasets 14/12/2009)	The vegetation under application (0.18 ha) is located within a road reserve in the Bolgart townsite. The road construction is to provide property owner access for properties along Forrest Street.	Very Good: Vegetation structure altered; obvious signs of disturbance (Keighery 1994)	The condition of the native vegetation under application was determined from aerial imagery.

3. Assessment of application against clearing principles

Comments

The proposed clearing comprises 0.18 hectares of native vegetation within Forrest Street road reserve.

The vegetation under application is located within a road reserve in an extensively cleared agricultural area identified in EPA Position Statement No. 2 (EPA, 2000). In addition, there is only 14.9% (Shepherd 2007) Pre-European native vegetation remaining within the Shire of Victoria Plains and only 14% (Shepherd 2007) of Pre-European native vegetation remaining of Beard vegetation type 352 (within the Avon Wheatbelt Bioregion). Therefore, the vegetation under application is considered to be significant as a remnant of native vegetation in an area that has been extensively cleared. The proposed clearing is at variance to Principle (e).

To mitigate any impacts from the proposed clearing a revegetation condition will be imposed on the clearing permit.

The vegetation under application is associated with Beard vegetation type 352 (Medium woodland; York Gum) and aerial imagery shows moderately dense vegetation, considered to be in very good (Keighery, 1994) condition. 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.

Given the relatively small scale of the proposed clearing and consequently, limited habitat and biodiversity values of the vegetation, the proposed clearing is not considered likely to be at variance to the remaining clearing principles.

Methodology

References:

- EPA (2000)
- Keighery (1994)
- Shepherd (2007)

GIS databases:

- Goomalling 50cm Orthomosaic - Landgate 2006
- SAC Bio Datasets 14/12/2009

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

Comments

The vegetation under application is located in the area defined in EPA Position Statement No. 2 (EPA 2000). EPA Position Statement No. 2 states that clearing should not compromise any vegetation type by taking it below the threshold level of 30%; however, where this occurs EPA expects alternative mechanisms to be put forward to protect biodiversity (EPA, 2000).

The Shire of Victoria Plains (2009) has proposed revegetating the current access road (~0.12 ha) and a disused gravel pit within Lot 109 and Lot 110 (~0.32 ha) to offset the proposed clearing along Forrest Street.

The vegetation under application is associated with an Aboriginal Site of Significance (S01351 - Wattening-Bolgart). The proponent will be advised to liaise with the Department of Indigenous Affairs regarding the Shire's obligations under the Aboriginal Heritage Act 1972.

There is no RIWI Act Licence or EP Act Licence that affects the area under application.

The area is zoned Roads in the Local Town Planning Scheme.

Methodology

References:

- EPA (2000)
- Shire of Victoria Plains (2009)

GIS databases:

- Aboriginal Sites of Significance
- Town Planning Scheme Zones

4. Assessor's comments

Comment

The clearing 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 clearing as proposed is at variance to Principle (e) and not likely to be at variance to the remaining clearing principles.

5. References

EPA (2000) Environmental protection of native vegetation in Western Australia. Clearing of native vegetation, with particular reference to the agricultural area. Position Statement No. 2. December 2000. Environmental Protection Authority, 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.

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 Victoria Plains (2009) Email From Shire Of Victoria Plains Outlining The Amended Area And The Revegetation Areas, Shire of Victoria Plains. TRIM Ref DOC114542

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)