



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

PERMIT DETAILS

Area Permit Number: 3792/1

File Number: 2010/003923-1

Duration of Permit: From 22 August 2010 to 22 August 2015

PERMIT HOLDER

Shire of Manjimup

LAND ON WHICH CLEARING IS TO BE DONE

Middlesex Road reserve, Middlesex (Lot 13722 on Plan 37592 – PIN11198449)

AUTHORISED ACTIVITY

Clearing of up to 0.042 hectares of native vegetation within the area hatched yellow on attached Plan 3792/1a.

CONDITIONS

1. Clearing authorised under this Permit must be completed by 22 August 2012, being two years from the date this Permit becomes valid.
2. Revegetation and rehabilitation
 - (a) Within twelve months of clearing any area authorised under this Permit, the Permit Holder must *plant* 0.042 ha of native vegetation within the area shaded red on attached Plan 3792/1b, ensuring only *local provenance* seeds and propagating material are used.
 - (b) Within twelve months of undertaking planting in accordance with condition 2(a) of this Permit, the Permit Holder must:
 - (i) determine the survival rate of the native vegetation *planted* in accordance with condition 2(a); and
 - (ii) where, in the opinion of an *environmental specialist*, the native vegetation planted under condition 2 (a) is unlikely to survive to maturity, additional planting is required in accordance with condition 2 (a).
3. Records to be kept

In relation to the *planting* of areas pursuant to condition 2 of this Permit:

 - (a) 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;
 - (b) a description of the *planting* activities undertaken;
 - (c) the amount of native vegetation *planted*; and
 - (d) the species composition, structure and density of *planting*.

4. Reporting

- (a) The Permit Holder must provide to the CEO for the *term* of this permit, on or before 30 June of each year, a written report of records required under condition 3 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 22 May 2015, the permit holder must provide to the CEO a written report of records required under condition 3 of this Permit where these records have not already been provided under condition 4(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;

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

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

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



Matt Warnock
ACTING MANAGER
NATIVE VEGETATION CONSERVATION BRANCH

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

22 July 2010

Plan 3792/1a



LEGEND

- Clearing Instruments**
- Areas Approved to Clear
 - Road Centrelines
 - Cadastre for labelling
 - Local Government Authorities

Manjimup 50cm Orthomosaic -
Landgate 2007



Scale 1:1336

(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.

M Warnock Date *22/7/10*

M Warnock

Officer with delegated authority under Section 20 of
the Environmental Protection Act 1986

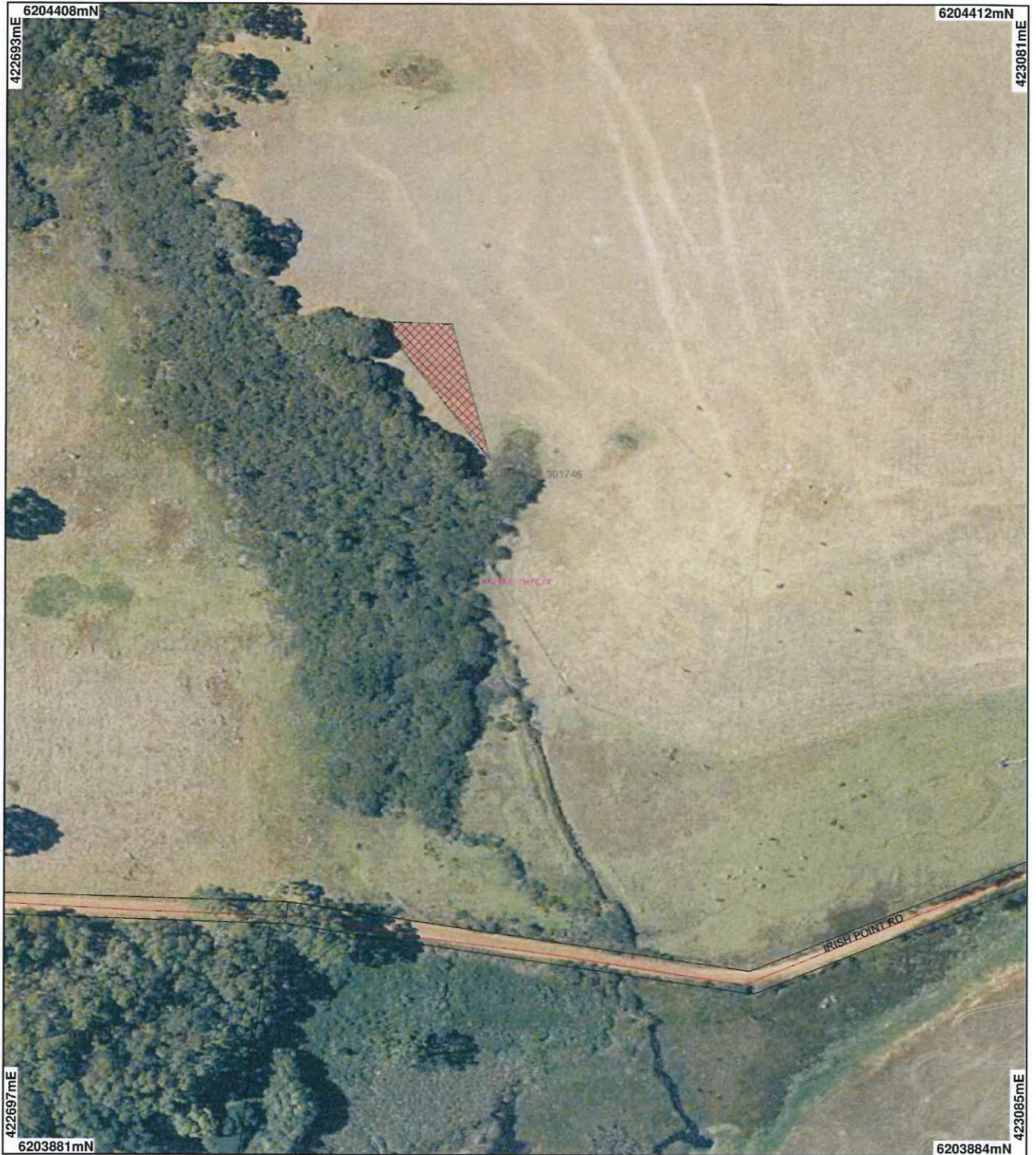
Information derived from this map should be
confirmed with the data custodian acknowledged
by the agency acronym in the legend.



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Environment and Conservation

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Plan 3792/1b



LEGEND

- Clearing Instruments**
- Areas Subject to Conditions
 - Road Centrelines
 - Cadastre for labelling
 - Local Government Authorities

Manjimup 50cm Orthomosaic -
Landgate 2007

Scale 1:2312
(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.

M Warnock Date 22/7/10

Officer with delegated authority under Section 20 of
the Environmental Protection Act 1986

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1. Application details

1.1. Permit application details

Permit application No.: 3792/1
Permit type: Area Permit

1.2. Proponent details

Proponent's name: Shire of Manjimup

1.3. Property details

Property: LOT 13722 ON PLAN 37592 (MIDDLESEX 6258)
Local Government Area:
Colloquial name:

1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
0.042		Mechanical Removal	Dam 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
Mapped Beard (1980) vegetation association 1144 is described as Tall forest; karri & marri (Corymbia calophylla).	The vegetation under application is considered to be in a good (Keighery, 1994) condition. It is a closed forest of Eucalyptus diversicolour, Agonis flexuosa and Trymalium floribundum (DEC, 2010). The area has been highly disturbed in the past (DEC, 2010).	Good: Structure significantly altered by multiple disturbance; retains basic structure/ability to regenerate (Keighery 1994)	The condition of the vegetation was assessed through aerial photography and a site visit (DEC, 2010).

3. Assessment of application against clearing principles

Comments

The proposal to clear up to 0.042 hectares of native vegetation for the purpose of constructing a dam on the adjacent property. The vegetation is considered to be in a good (Keighery, 1994) condition and has been classified as a closed forest of Eucalyptus diversicolour, Agonis flexuosa and Trymalium floribundum (DEC, 2010). The area has been highly disturbed in the past (DEC, 2010).

There are no declared rare flora species or threatened ecological communities in the vicinity of the project. The local area (10km radius) is partially vegetated (approximately 40% remaining) with 6 DEC managed lands in the vicinity constituting most of this 40%, given this the clearing of 0.042ha would not have a detrimental impact on fauna.

There are no mapped wetlands or watercourses within the application area, however a gully and stream was observed during a site visit (DEC, 2010), and the presence of Agonis flexuosa which grows in association with wet areas, the proposal may be at variance to principle (f).

Given the small size of the application area (0.042ha) it is considered that the proposal is unlikely to cause any significant environmental impacts.

GIS Layers:

- CALM Managed Lands & Waters - CALM 01/06/05
- Clearing Regulations - Environmentally Sensitive Areas - 30 May 2005
- Groundwater Salinity, statewide - DoW 13/07/06
- Hydrogeographic Catchments, Catchments - DoW 01/06/07
- Hydrogeology, statewide - DOW 13/07/06
- Hydrography, linear DOW 13/7/06
- Pre-European vegetation - DA 01/01

- Mean Annual Rainfall Isohytes (1975 - 2003) - DEC 02/08/05
- SAC Biodatasets 230610

Methodology References:
DEC (2010)
Keighery (1994)

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

Comments

The application area is within the Warren River Water Reserve (CAWSA) Zone C (Surface water). The DoW (2010) has not objections with the proposal provided a condition is placed on the clearing permit to plant twice the area of clearing with native vegetation.

The applications falls within a Rights in Water and Irrigation Act 1914 and Public Drinking Water Area (not assigned). A RiWI Act permit to extend the dam and an associated water allocation are in place for the adjoining land owner (DoW, 2010).

The application is adjacent to CPS 3070/1 which was granted for dam construction. The adjacent land owner is in negotiations with the Shire of Manjimup to purchase the area under application within the road reserve for the wing wall of a dam to be constructed (DoW, 2010).

Methodology DoW (2010)

4. References

- DEC (2010) Site Inspection Report for Clearing Permit Application CPS 3792/1, Lot 13722 on Plan 375992 Middlesex Road, Middlesex. Site inspection undertaken 28/06/2010. Department of Environment and Conservation, Western Australia (TRIM Ref. DOCA316016).
- DoW (2010). Department of Water. Country Area Water Supply Advice. DEC TRIM Ref: DOCA315452.
- 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.

5. Glossary

Term	Meaning
CALM	Department of Conservation and Land Management (now DEC)
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)
DoW	Department of Water
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)