



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

PERMIT DETAILS

Area Permit Number: 5150/1
File Number: 2012/004787-1
Duration of Permit: From 16 November 2012 to 16 November 2014

PERMIT HOLDER

Griffith Owen Roberts
Susan Fay Roberts

LAND ON WHICH CLEARING IS TO BE DONE

Lot 11938 on Deposited Plan 161273, Channybearup 6260

AUTHORISED ACTIVITY

The Permit Holder shall not clear more than 1.2 hectares of native vegetation within the areas shaded yellow on attached Plan 5150/1.

CONDITIONS

1. Revegetation

The Permit Holder shall establish and maintain trees within the areas shaded red on attached Plan 5150/1 in accordance with the following requirements:

- (a) trees shall be established and maintained to an average planting density of 50 trees per hectare;
- (b) *planting* is to commence within twelve months of clearing any area authorised under this Permit.

2. Records must be kept

In relation to the *planting* of areas pursuant to condition 1 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 or decimal degrees;
- (b) a description of the planting activities undertaken; and
- (c) the number of trees and density planted.

3. 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 2 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 16 August 2014, the Permit Holder must provide to the CEO a written report of record required under condition 2 of this Permit where these records have not already been provided under condition 3(a) of this Permit.

DEFINITIONS

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

planting means the re-establishment of vegetation by creating favourable soil conditions and planting seedlings of the desired species.

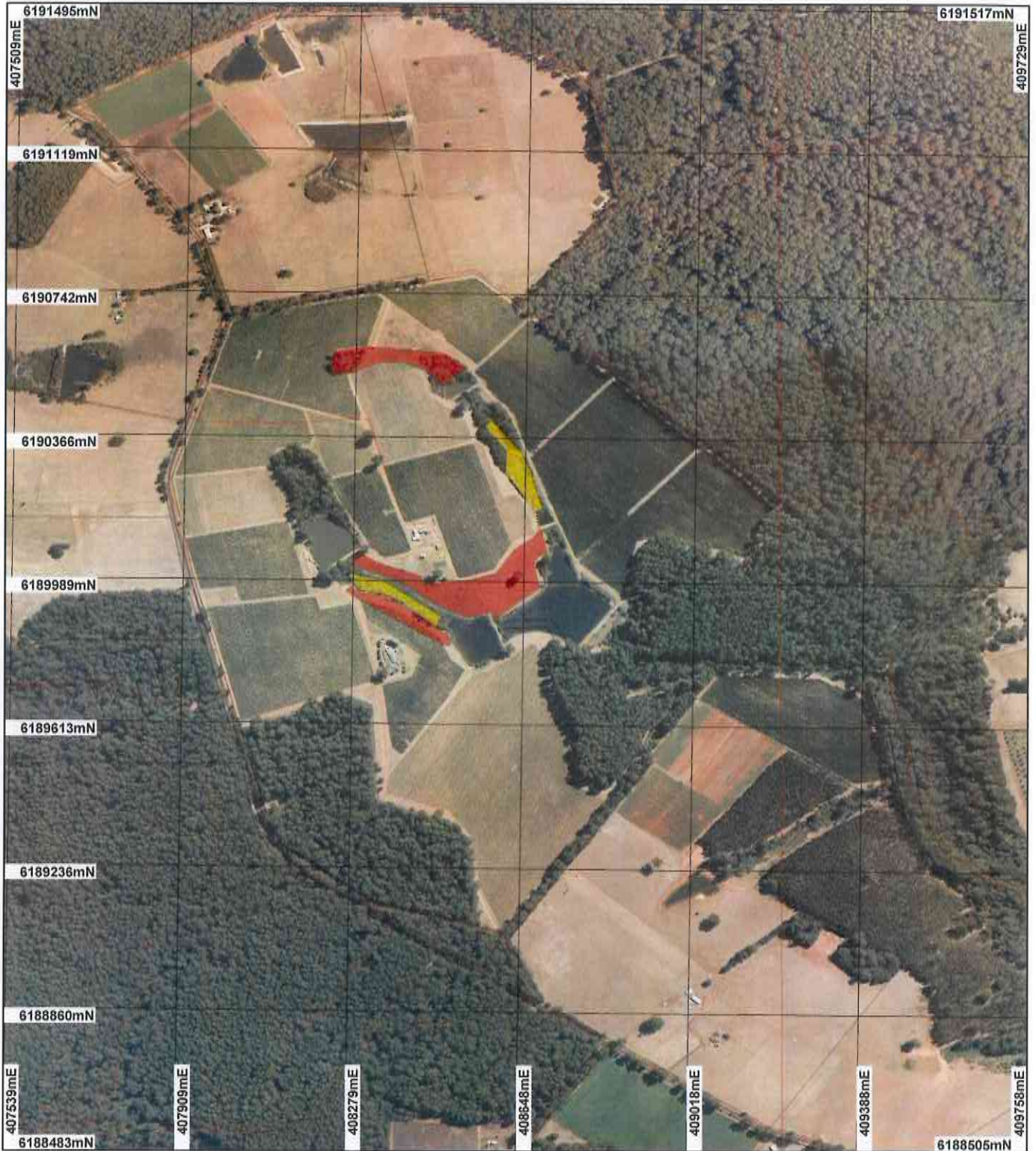
Handwritten signature of Roxane Shadbolt in black ink.

Roxane Shadbolt
A/MANAGER
NATIVE VEGETATION CONSERVATION BRANCH

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

25 October 2012

Plan 5150/1



LEGEND

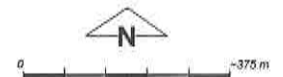
Clearing instruments

- Areas Subject to Conditions
- Areas Approved to Clear
- Road Centrelines
- Cadastre

→ image index

- Recently added
 - Coverage
- Donnelly 50cm Orthomosaic - Landgate 2007

Manjimup 50cm Orthomosaic - Landgate 2007



Scale 1:13227

(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.

R. Shadbolt, Date 25/10/12

Roxane Shadbolt

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



1. Application details

1.1. Permit application details

Permit application No.: 5150/1
Permit type: Area Permit

1.2. Proponent details

Proponent's name: Griffith Owen and Susan Fay Roberts

1.3. Property details

Property: LOT 11938 ON PLAN 161273 (House No. 376 STIRLING CHANNYBEARUP 6260)
Local Government Area: Shire of Manjimup
Colloquial name:

1.4. Application

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

1.5. Decision on application

Decision on Permit Application: Grant
Decision Date: 18 October 2012

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 vegetation association 1144 is described as tall forest; karri & marri (Corymbus calophylla)(Shepherd et al 2001).	The application is to clear 1.2 hectares of native vegetation within Lot 11938 on Deposited Plan 161273, Channybearup. The area under application is in a good to very good (Keighery 1994) condition and consists mainly of riparian vegetation. Dominant species is Agonis flexuosa with a groundcover consisting of reeds and some introduced weeds and grasses (DEC, 2012). Blackberries are present throughout the application area (DEC, 2012).	Good: Structure significantly altered by multiple disturbance; retains basic structure/ability to regenerate (Keighery 1994) To Very Good: Vegetation structure altered; obvious signs of disturbance (Keighery 1994).	Condition of the vegetation under application was determined using aerial imagery (Manjimup 50cm Orthomosaic - Landgate 2007) and information from a site visit conducted by Department of Environment and Conservation Officers in August 2012 (DEC, 2012).

3. Assessment of application against clearing principles

Comments

This application proposes to clear 1.2 hectares of native vegetation within Lot 11938 on Deposited Plan 161273, Channybearup for the purpose of constructing two dams.

The original proposal under this application was to clear 13 hectares of native vegetation and 72 native trees, for the purpose dam construction, horticulture and silvicultural thinning. The assessment of the original application determined that the clearing was at variance to principles (f) and (l), may have been at variance to principles (a), (c), (g) and (h) and was not likely to be at variance to the remaining clearing principles.

The applicant was notified of the potential environmental impacts and was asked to modify the application. The following assessment is for the amended area of 1.2 hectares.

The amended area under application consists of riparian vegetation and is in a good to very good (Keighery, 1994) condition.

The area under application is not likely to provide suitable habitat for rare or priority flora.

No priority or threatened ecological communities have been mapped within the local area (10km radius).

The vegetation to be cleared is well represented in the local area (70 per cent), and therefore would not have a

detrimental impact on fauna habitat or consist of high biodiversity.

Two minor perennial watercourses arise on Lot 11938. These watercourses connect with Lefroy Brook and are within 2km of Lefroy Brook Weir which is the town of Pemberton's drinking water supply. The proposed clearing of riparian vegetation may cause increased sedimentation into the watercourse. The Water Corporation has advised that issues such as increased sedimentation resulting from clearing activities and land degradation can have long term impacts on water quality and also present costly challenges to the operation of water treatment equipment (Water Corporation 2012).

The areas under application are located approximately 300 metres away from Donnelly State Forest and the Big Brook State Forest. The proposed clearing is not likely to negatively impact on the environmental values of these conservation areas.

The relatively small area under application is not likely to cause appreciable land degradation or flooding.

The proposed clearing is at variance to principle (f), may be at variance to principle (i), and is not likely to be at variance to the remaining clearing principles.

Methodology

References:

- Keighery (1994)
 - Water Corporation
- ##### GIS Datasets
- DEC tenure
 - Hydrography, linear
 - Manjimup 50cm Orthomosaic - Landgate 2007
 - Pre European Vegetation
 - SAC Biodatasets - accessed 14/08/2012
 - Soils, statewide

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

Comments

The application area is zoned Priority Agriculture under the Town Planning Scheme Zones.

The Shire of Manjimup has advised that there are no planning matters that would affect this proposal (Shire of Manjimup, 2012).

The application lies within Warren River and Tributaries Surface Water Area under the Rights in Water and Irrigation Act 1914 (RIWI Act). The Department of Water has advised (DoW 2012a) that RIWI Act permits and licences are not currently required for Lot 11938 because the water sources rise within this property. However, the Department of Environment and Conservation is aware that the landowner has submitted a subdivision application to sell 42.3ha of the northern part of the property. If the subdivision is approved, the water will no longer rise on Lot 11938 and RIWI Act permits and licences will then be required (DoW 2012a).

The application area is within the Priority 2 and Reservoir Protection Zone for the Lefroy Brook Weir in accordance with the Lefroy Brook Catchment Area Drinking Water Source Protection Assessment, Pemberton Town Water Supply and Water Quality Protection Note - Land Use Compatibility in Public Drinking Water Source Areas. The Department of Water has advised that from a Public Drinking Water Source Protection perspective, the proposed clearing is acceptable (DoW, 2012c).

The Water Corporation has advised that Lefroy Brook Weir (fed by Big Brook Dam) is the only water supply available to Pemberton and this sole supply is sensitive to contamination risks (DoW 2012b). To mitigate risks to this water source the applicant has committed to revegetating a 5.6 hectare area which is concentrated around the watercourses located on Lot 11938.

Methodology

References:

- DoW (2012a)
- DoW (2012b)
- DoW (2012c)
- Shire of Manjimup (2012)

GIS Datasets:

- CAWSA Part IIA Clearing Control Catchments
- Hydrography, linear DOW
- Public Drinking Water Source Areas (PDWSA's)
- RIWI Act, Areas
- Town Planning Scheme Zones

4. References

- DEC (2012) Site Inspection Report for Clearing Permit Application CPS 5150/1, Lot 11938 on Deposited Plan 161273, Channybearup. Site inspection undertaken 23/08/2012. Department of Environment and Conservation, Western Australia (TRIM Ref. A538844).
- Department of Water (2012a) Advice regarding CPS 5150/1 (DEC Ref: A540810)
- Department of Water (2012b) Advice regarding CPS 5150/1 (DEC Ref: A541433)
- Department of Water (2012c) Advice regarding CPS 5150/1 (DEC Ref: A559378)
- 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., Beeston, G.R., and Hopkins, A.J.M. (2001), Native Vegetation in Western Australia. Technical Report 249. Department of Agriculture Western Australia, South Perth.
- Shire of Manjimup (2012) Planning advice for Clearing Permit Application CPS 5150/1 - Lot 11938 Stirling Road, Channybearup (DEC Ref: A532748).
- Water Corporation (2012) Advice regarding CPS 5150/1 (DEC Ref: A544445).

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)