



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

PERMIT DETAILS

Area Permit Number: 6519/1
File Number: 2015/000557-1
Duration of Permit: From 22 August 2015 to 22 August 2017

PERMIT HOLDER

John Michael Scott Walmsley

LAND ON WHICH CLEARING IS TO BE DONE

Lot 336 on Deposited Plan 100690, Waroona
Lot 337 on Deposited Plan 100691, Waroona

AUTHORISED ACTIVITY

The Permit Holder shall not clear more than 0.3 hectares of native vegetation within the area shaded yellow on attached Plan 6519/1.

CONDITIONS

Nil.

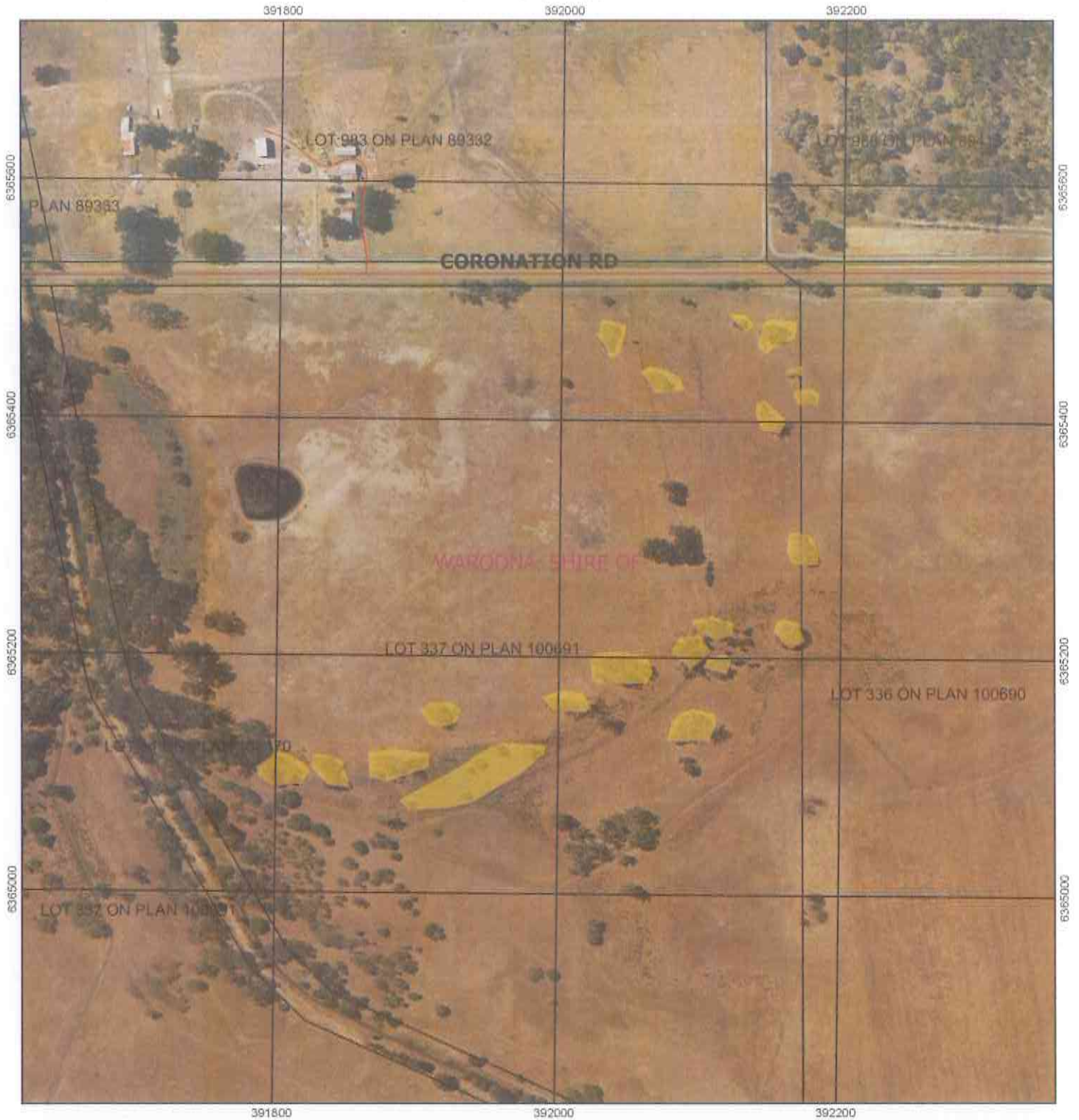
A handwritten signature in cursive script, appearing to read "M Warnock", written over a horizontal line.

M Warnock
SENIOR MANAGER
CLEARING REGULATION

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

23 July 2015.

Plan 6519/1



Legend

-  Areas approved to clear
-  Roads
-  LGA
-  Cadastre
- Virtual Mosaic (LGATE-V001)



1:3,000

MGA 94
Geocentric Datum of Australia 1994

M Warnock Date: 23/7/15

M Warnock

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



GOVERNMENT OF
WESTERN AUSTRALIA



1. Application details

1.1. Permit application details

Permit application No.: 6519/1
Permit type: Area Permit

1.2. Proponent details

Proponent's name: Mr John Michael Scott Walmsley

1.3. Property details

Property: LOT 336 ON DEPOSITED PLAN 100690, WAROONA
LOT 337 ON DEPOSITED PLAN 100691, WAROONA
Local Government Authority: WAROONA, SHIRE OF
DER Region: GREATER SWAN
DPaW District: SWAN COASTAL
LCDC: COOLUP and HARVEY RIVER
Localities: WAROONA

1.4. Application

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

1.5. Decision on application

Decision on Permit Application: Granted
Decision Date: 23 July 2015

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 Association 1000 is described as a mosaic: medium forest; jarrah-marri/Low woodland; banksia/Low forest; teatrees (<i>Melaleuca</i> spp.) (Shepherd et al. 2001).	Clearing of 0.3 hectares of native vegetation within Lot 336 on Deposited Plan 100690 and Lot 337 on Deposited Plan 100691, Waroona, for the purpose of horticulture.	Degraded; Structure severely disturbed; regeneration to good condition requires intensive management (Keighery 1994). To	The proposed clearing consists of paddock trees, with no mid or understorey. The condition and structure of the vegetation under application was determined using photographs of the application area provided by the applicant (Walmsley 2015a) and a site inspection conducted by a Department of Agriculture and Food Western Australia officer on 13 May 2015 (CSLC 2015).
Hedde Vegetation Complex Serpentine River Complex is described as closed scrub and fringing woodlands (Hedde et al. 1980).		Completely Degraded; No longer intact, completely/almost completely without native species (Keighery 1994).	

3. Assessment of application against clearing principles

Comments The application is to clear up to 0.3 hectares of native vegetation for the purpose of horticulture. The vegetation is considered to be in degraded to completely degraded (Keighery 1994) condition and consists of paddock trees with no mid or understorey present (Walmsley 2015a).

There are no rare or priority flora species or priority or threatened ecological communities mapped in the vicinity of the proposed clearing. Given the small size of the proposed clearing, it is unlikely for the application area to contain high biodiversity, significant fauna habitat, impact on nearby conservation areas, or cause or exacerbate land degradation or flooding.

The mapped Beard and Hedde vegetation types and local area (10 kilometre radius) are highly cleared, containing 27 per cent, 10 per cent and 15 per cent vegetation remaining respectively (Government of Western Australia 2013; Parks and Wildlife 2015). However, given the degraded to completely degraded (Keighery 1994) condition of the vegetation on site, it is not considered representative of the mapped vegetation associations.

The application area occurs within an area mapped as a multiple use wetland and there are two major drains within the property under application. A site inspection was conducted by a Department of Agriculture and Food Western Australia officer on 13 May 2015, who identified some of the vegetation under application as

paperbarks and red gums (CSLC 2015), both of which grow in association with moist soils. Multiple use wetlands are classified as having few important ecological attributes and functions remaining (Water and Rivers Commission 2001), therefore the proposed clearing is not likely to have a significant impact on the values of this wetland. The proposed clearing may cause some short term water quality issues in terms of localised surface water sedimentation, these issues should be minimal given the small size of the proposed clearing.

The assessment of the application identified that the clearing is at variance to Principle (f), may be at variance to Principle (i) and is not likely to be at variance to any of the remaining principles.

Methodology References:
CSLC (2015)
Parks and Wildlife (2015)
Government of Western Australia (2013)
Keighery (1994)
Walmsley (2015a)
Water and Rivers Commission (2001)
GIS Databases:
- Geomorphic Wetlands
- Virtual Mosaic

Planning instruments and other relevant matters.

Comments

The application to clear native vegetation is for the purpose of horticulture. This proposed intensification of land use will require increased application of fertilisers, as field horticultural crops generally remove about 10 per cent of applied phosphorous and 18 per cent of applied nitrogen (CSLC 2015). Without management, this increased use of fertiliser may result in increased nutrient export via the nearby drain (CSLC 2015).

To address concerns associated with nutrient export, the applicant has provided a nutrient management plan which outlines several proposed soil and fertiliser management practices to reduce the potential of eutrophication (Walmsley 2015b), including the use of a fertigation system. It is considered that the measures proposed would be adequate in minimising nutrient export.

The application area occurs within the Murray Groundwater Area proclaimed under the Rights in Water and Irrigation Act 1914. The applicant has advised they do not intend to access a groundwater source.

No submissions have been received in relation to the proposed clearing.

Methodology References:
CSLC (2015)
Walmsley (2015b)
GIS Databases:
- RIWI Act areas

4. References

- CSLC (2015) Advice received in relation to Clearing Permit Application CPS 6519/1. Advice received 25 May 2015. Commissioner of Soil and Land Conservation, Western Australia
- Government of Western Australia (2013) 2013 Statewide Vegetation Statistics incorporating the CAR Reserve Analysis (Full Report). Current as of June 2013. WA Department of Parks and Wildlife, Perth.
- Heddl, 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.
- Parks and Wildlife (2015) 2015 South West Forest and Swan Coastal Plain Vegetation Complex Statistics: a report prepared for the Department of Environment Regulation. Current as of March 2015. Department of Parks and Wildlife, Perth, Western Australia.
- Shepherd, D.P., Beeston, G.R. and Hopkins, A.J.M. (2001) Native Vegetation in Western Australia, Extent, Type and Status. Resource Management Technical Report 249. Department of Agriculture, Western Australia.
- Walmsley, D. (2015a) Supporting documentation provided by Donna Walmsley in relation to Clearing Permit Application CPS 6519/1. Documentation received 24 April 2015.
- Walmsley, D. (2015b) Nutrient Management Plan for Clearing Permit Application CPS 6519/1. Documentation received 20 July 2015 (DER REF: A937850).
- Water and Rivers Commission (2001) Position Statement: Wetlands, Water and Rivers Commission, Perth.