



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

PERMIT DETAILS

Area Permit Number: 6371/1
File Number: DER2014/002879-1
Duration of Permit: From 7 February 2015 to 7 February 2017

PERMIT HOLDER

William George Gill
Sharon Michelle Gill

LAND ON WHICH CLEARING IS TO BE DONE

Lot 110 on Deposited Plan 55661, Quinninup

AUTHORISED ACTIVITY

The Permit Holder shall not clear more than 3.9 hectares of native vegetation within the area hatched yellow on attached Plan 6371/1.

CONDITIONS

1. Dieback and weed control

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* and *dieback*:

- (a) clean earth-moving machinery of soil and vegetation prior to entering and leaving the area to be cleared;
- (b) ensure that no *dieback* or *weed*-affected soil, *mulch*, *fill* or other material is brought into the area to be cleared; and
- (c) restrict the movement of machines and other vehicles to the limits of the areas to be cleared.

DEFINITIONS

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

dieback means the effect of *Phytophthora* species on native vegetation;

dry conditions means when soils (not dust) do not freely adhere to rubber tyres, tracks, vehicle chassis or wheel arches;

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;

weed/s means any plant -

- (a) that is a declared pest under section 22 of the *Biosecurity and Agriculture Management Act 2007*; or
- (b) published in a Department of Parks and Wildlife Regional Weed Rankings Summary, regardless of ranking; or
- (c) not indigenous to the area concerned.

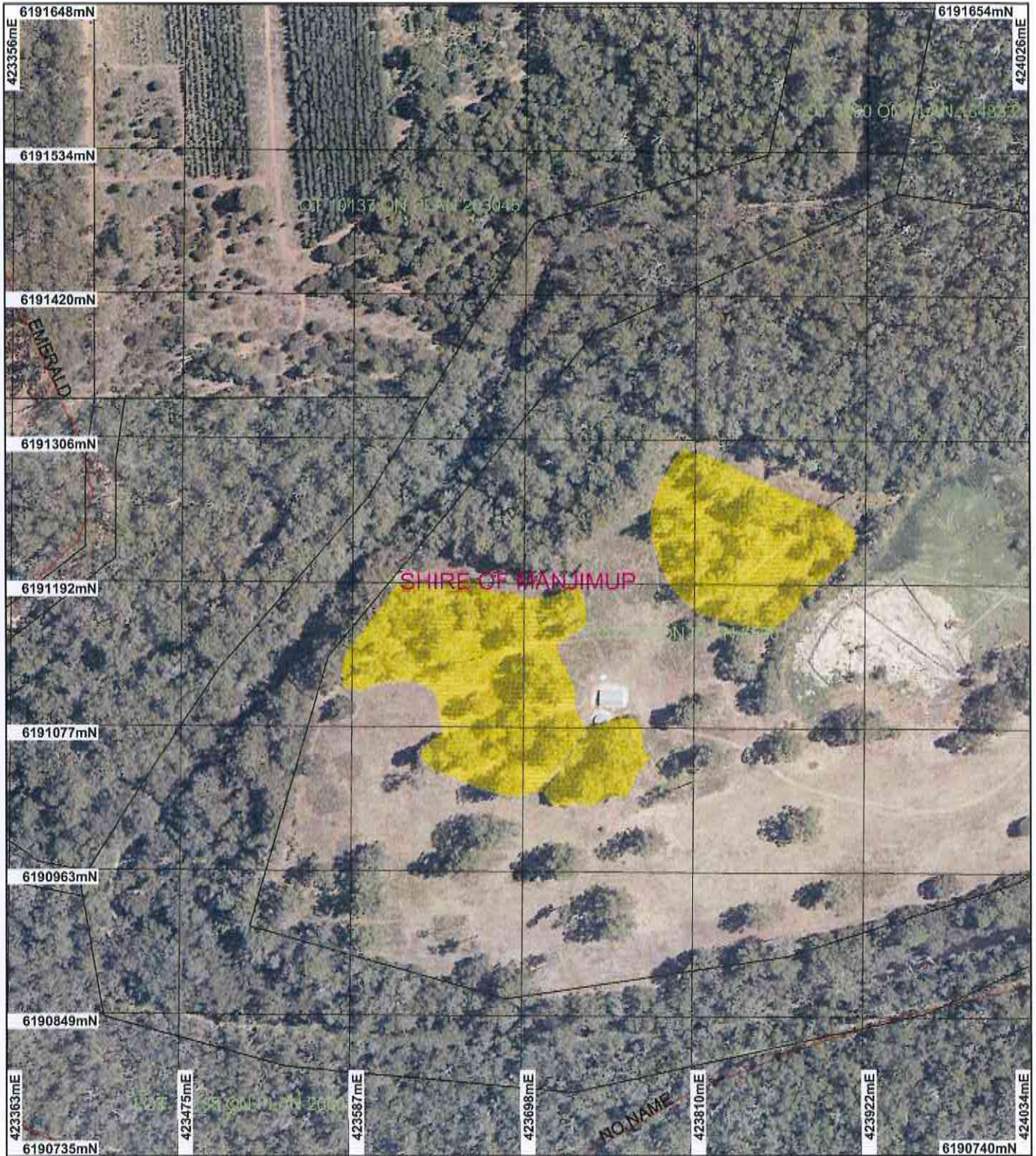
A handwritten signature in cursive script, appearing to read "M Warnock", written over a horizontal line.

M Warnock
SENIOR MANAGER
CLEARING REGULATION

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

8 January 2015

Plan 6371/1



LEGEND

- Road Centrelines
- Clearing Instruments
- Areas Approved to Clear
- Cadastre
- Local Government Authorities
- Manjimup 50cm Orthosaic - Landgate 2007**

Scale 1:4000
(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 8/1/15

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.

Government of Western Australia
Department of Environment Regulation
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Clearing Permit Decision Report

Government of Western Australia
Department of Environment Regulation

1. Application details

1.1. Permit application details

Permit application No.: 6371/1
Permit type: Area Permit

1.2. Proponent details

Proponent's name: Mr William George Gill and Ms Sharon Michelle Gill

1.3. Property details

Property: LOT 110 ON DEPOSITED PLAN 55661 (QUINNINUP 6258)
Local Government Area: Shire of Manjimup
Colloquial name:

1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
3.9		Mechanical Removal	Hazard reduction & grazing

1.5. Decision on application

Decision on Permit Application: Grant
Decision Date: 8 January 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
Mapped Beard vegetation association: 1144: Tall forest; karri & marri (<i>Corymbia calophylla</i>) (Shepherd et al. 2001) Mapped Mattiske Vegetation Complex: Lefroy (LF): Tall open forest of <i>Eucalyptus diversicolor</i> - <i>Corymbia calophylla</i> on slopes and low woodland of <i>Agonis juniperina</i> - <i>Callistachys lanceolata</i> on lower slopes in hyperhumid and perhumid zones (Mattiske and Havel 1998).	The application is to clear 3.9 hectares of native vegetation within Lot 110 on Deposited Plan 55661, Quinninup, for the purposes of hazard reduction and grazing.	Completely Degraded: No longer intact; completely/almost completely without native species (Keighery 1994) to Degraded: Structure severely disturbed; regeneration to good condition requires intensive management (Keighery 1994)	The stated condition of the vegetation is based on aerial imagery.

3. Assessment of application against clearing principles

Comments

Application CPS 6371/1 is to clear 3.9 hectares of native vegetation within Lot 110 on Deposited Plan 55661, Quinninup, for the purposes of hazard reduction and grazing. The application area is in a degraded to completely degraded (Keighery 1994) condition, having been subject to grazing by livestock. It comprises scattered mature overstorey species but appears devoid of native understorey vegetation.

Five priority species are mapped within the local area (10 kilometre radius). Two of these are mapped within the same vegetation association and soil type as the application area, the closest of which is a Priority 3 species mapped approximately five kilometres from the application area. The other is a Priority 2 species mapped approximately seven kilometres from the application area. Given the completely degraded understorey, it is unlikely that either of these species would occur within the application area. Two rare flora species are mapped within the local area, neither of which is located within both the same vegetation association and soil type as the application area.

No priority or threatened ecological communities are mapped within the local area

Given the above, the application area is not likely to host rare or priority flora species, is not likely to comprise a high level of biological diversity or be necessary for the maintenance of a priority or threatened ecological community.

Approximately 75 per cent of the pre-European vegetation remains within the local area. Given the absence of

understorey vegetation within the application area and the relative abundance of native vegetation in the local area, the application area is not considered to be a significant remnant and its clearing is not likely to impact on significant habitat for indigenous fauna.

No wetlands or watercourses are mapped within the application area. However, given the close proximity of major and minor, perennial watercourses (15 metres and 10 metres, respectively) the proposed clearing may include some riparian vegetation.

The topography of the lot varies from gently sloping to steep. The proposed clearing is therefore likely to increase the risk of erosion, sediment transport and associated turbidity (DoW 2014a) which could lead to degradation of the land and the quality of the surface water. These risks can be minimised by clearing during periods where rain is less likely and avoiding overly steep areas, particularly the banks of the waterway (DoW 2014a). Additional management strategies could include the use of interceptor and/or contour banks and maintaining adequate pasture cover post-clearing.

The disturbance caused by the proposed clearing will increase the risk of weeds and dieback being spread into adjacent areas of vegetation. Weed and dieback management practices will assist in mitigating this risk.

The Warren State Forest is located within 200 metres of the application area. The vegetation between this and the application area is likely to serve as a buffer to any impacts the proposed clearing might otherwise impose on the conservation area.

Considering the above, the application may be at variance to clearing principles (f), (g) and (i) and is not likely to be at variance to the clearing principles.

Methodology

References:

- DoW (2014a)
- Keighery (1994)

GIS Databases:

- DPaW tenure
- Geomorphic Wetlands
- Hydrography, linear
- NLWRA
- Pre-European vegetation
- SAC Biodatasets - accessed January 2015
- Topographic Contours, Statewide

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

Comments

The application area falls within the Warren River and Tributaries Surface Water Area which is a proclaimed area under the Rights in Water and Irrigation Act 1914. The Department of Water advises that there are no requirements for a 'permit to interfere with bed and banks' or for a 'licence to take surface water' due to the streamline originating from the subject lot (DoW 2014a).

The application area is located within a 'Priority not assigned' Public Drinking Water Source Area - Warren Water Reserve; a potential Priority 3 area where the management objective is to manage the risk of pollution to the water source from catchment activities. The Department of Water advocates clearing during periods where rain is less likely and avoiding overly steep areas, particularly the banks of the waterway (DoW 2014a).

The application area lies within the 1 September 1978 Country Area Water Supply Act 1947 gazetted Warren River Water Reserve. The application area is located within Zone C of the catchment, a moderate salinity risk area where Department of Water Policy and Guidelines for the 'Granting of Licences to Clear Indigenous Vegetation' provide for the grant of licences to clear, subject to the statutory requirement that 10 per cent of the land in question remains uncleared. The Department of Water estimates 22.88 per cent of native vegetation would remain on the holding if a clearing permit was granted for the 3.9 hectares (DoW 2014b).

The application area is within the zone of 'Priority Agriculture' under the Town Planning Scheme Zones.

Methodology

References:

- DoW (2014a)
- DoW (2014b)

GIS Database:

- Town Planning Scheme Zones

4. References

- DoW (2014a) Advice received in relation to clearing permit application CPS 6371/1 received 18 December 2014. Department of Water, Western Australia (DER Ref: A846829).
- DoW (2014b) Advice received in relation to clearing permit application CPS 6371/1 received 17 December 2014. Department of Water, Western Australia (DER Ref: A845527).
- Keighery, B.J. (1994) *Bushland Plant Survey: A Guide to Plant Community Survey for the Community*. Wildflower Society of WA (Inc). Nedlands, Western Australia.
- Mattiske, E.M. and Havel, J.J. (1998) *Vegetation Complexes of the South-west Forest Region of Western Australia*. Maps and report prepared as part of the Regional Forest Agreement, Western Australia for the Department of Conservation and Land Management and Environment 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.