



GOVERNMENT OF
WESTERN AUSTRALIA

CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

PERMIT DETAILS

Area Permit Number: 4420/1

File Number: 2011/005306-1

Duration of Permit: From 26 December 2011 to 26 December 2013

PERMIT HOLDER

Hampshire Grazing Pty Ltd

LAND ON WHICH CLEARING IS TO BE DONE

Lot 3 on Diagram 77905, Upper Warren

AUTHORISED ACTIVITY

The Permit Holder shall not clear more than 5 hectares of native vegetation within the area hatched yellow on attached Plan 4420/1.

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) shall only move soils in *dry conditions*;
- (c) ensure that no *dieback* or *weed*-affected soil, *mulch*, *fill* or other material is brought into the area to be cleared; and
- (d) 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 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*.

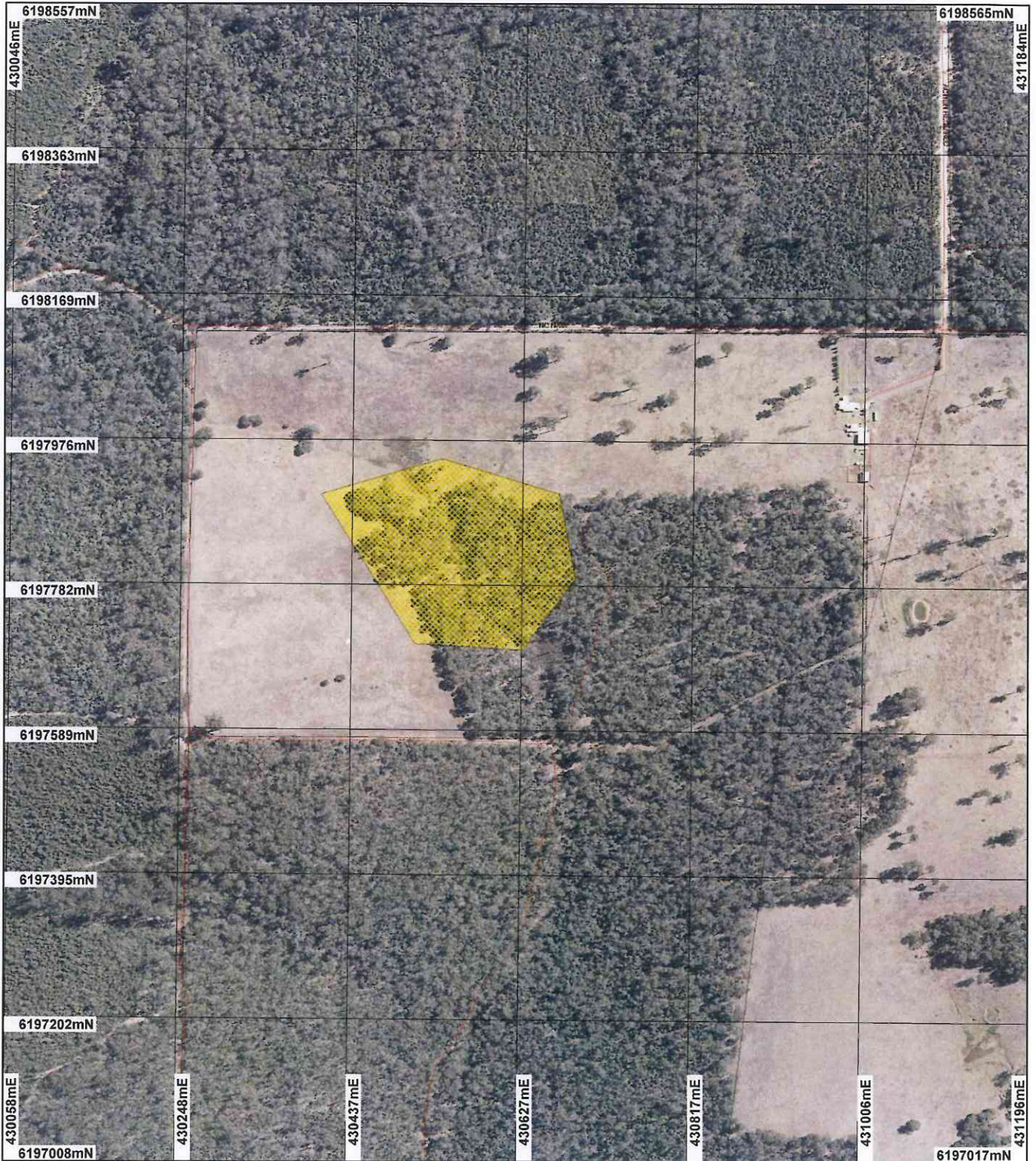
A handwritten signature in black ink, appearing to read 'K Faulkner', written over a horizontal line.

Kelly Faulkner
MANAGER
NATIVE VEGETATION CONSERVATION BRANCH

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

1 December 2011

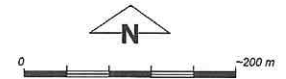
Plan 4420/1



LEGEND

Clearing instruments

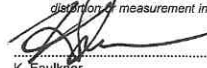
-  Areas Approved to Clear
 -  Road Centrelines
 -  Cadastre
- Manjimup 50cm Orthomosaic - Landgate 2007



Scale 1:6805
(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 1/12/11

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.



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.: 4420/1
Permit type: Area Permit

1.2. Proponent details

Proponent's name: Hampshire Grazing Pty Ltd

1.3. Property details

Property: LOT 3 ON DIAGRAM 77905 (House No. 186 KAMMANN'S UPPER WARREN 6258)
Local Government Area: Shire of Manjimup
Colloquial name:

1.4. Application

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

1.5. Decision on application

Decision on Permit Application: Grant
Decision Date: 1 December 2011

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
The vegetation under application is mapped as: Beard Vegetation Association 3: Medium forest; jarrah-marri (Shepherd, 2009)	This application proposes clearing of up to 5 hectares of vegetation within Lot 3 on Diagram 77905, Upper Warren for the purpose of constructing a dam.	Degraded: Structure severely disturbed; regeneration to good condition requires intensive management (Keighery 1994)	The condition of the vegetation was determined via digital imagery (Manjimup 50cm Orthomosaic - Landgate 2007) and through advice provided by the Department of Water (DoW, 2011).
Mattiske Vegetation Complex: Tall open forest of Eucalyptus diversicolor with mixtures of Corymbia calophylla on valley slopes and low forest of Agonis juniperina-Banksia seminuda-Callistachys lanceolata on valley floors in the perhumid zone (Mattiske and Havel, 1998).	The vegetation under application is in a degraded condition owing to long term grazing.		

3. Assessment of application against clearing principles

Comments

The application is to clear up to 5 hectares of native vegetation for the purpose of constructing a dam. The area under application is immediately surrounded by agricultural land and is considered to be in a degraded (Keighery, 1994) condition as it has no significant understorey and contains obvious signs of long term grazing (DoW, 2011).

The area under application is mapped as Beard Vegetation Association 3 (Shepherd, 2009) and Mattiske Vegetation Complex PM1 (Pemberton) (Mattiske and Havel, 1998). Both of these vegetation types are well represented, with both retaining approximately 70 per cent of their pre-European vegetation extent.

The local area (10km radius) contains approximately 80 per cent vegetation, most of which is secure in conservation reserve.

Tone State Forest surrounds the property on three sides. The disturbance resulting from the proposed clearing may increase the risk of weeds and dieback spreading into the adjacent State Forest. Weed management practices would assist in mitigating this risk.

A minor, non-perennial watercourse runs through the applied area and as such, the assessment has found that the proposed clearing is at variance to principle (f).

The proposed clearing is not anticipated to result in any significant adverse environmental impacts.

Given the above, the proposed clearing is at variance to principle (f), may be at variance to principle (h) and is not likely to be at variance to any of the remaining clearing principles.

Methodology

References:

DoW (2011)
Keighery (1994)
Mattiske and Havel (1998)
Shepherd (2009)

GIS Database:

- DEC Tenure
- Hydrography linear
- Manjimup 50cm Orthomosaic - Landgate 2007
- Pre European Vegetation
- SAC Biodatasets - accessed July 2011

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

Comments

The area under application falls within the Country Areas Water Supply Act 1947 (CAWS Act) gazetted Warren River Water Reserve. The proposed clearing area is located within Zone B, a high salinity risk part of the catchment. In this area of the catchment Department of Water's Policy and Guidelines allow for a clearing licence to be granted for up to 10 hectares with consideration for a further 10 hectares subject to the retention of native vegetation on at least 10 per cent of the property (DoW, 2011a).

Department of Water (DoW, 2011) has advised that a licence was granted in 1979 to clear regrowth for pastured areas on the then 202.8 hectares holding. Another licence was granted in 1980 to cut millable timber from 121 hectares and two licences were granted in 1981, each to clear 10 hectares (DoW, 2011). An application for additional clearing was refused and in 1982 the Government purchased 79.7 hectares of bush and paid CAWS Act compensation to retain 40.4 hectares of native vegetation (DoW, 2011a). Therefore, a CAWS Act Licence is required before additional clearing can take place (DoW, 2011a).

In accordance with the above advice the applicant has obtained a Licence to Clear under the CAWS Act (DoW, 2011b). This Licence was granted with the condition that the applicant must establish and maintain in perpetuity, a vegetation offset of twice the approved area (DoW, 2011b).

The area under application falls within the Warren River and Tributaries Surface Water area which is an area proclaimed under the Rights in Water and Irrigation Act 1914. In accordance with this Act the applicant has been granted a Licence to Take Water and a Permit to Obstruct or Interfere (DoW, 2011c).

The Shire of Manjimup has asked that the applicant must confer with the Shire with respect to the need to comply as relevant with all requirements relating to the movement of heavy vehicles and the repair of road damage resultant from the use of those vehicles (Shire of Manjimup, 2011).

Methodology

References:

DoW (2011a)
DoW (2011b)
DoW (2011c)

GIS Database:

- Country Area Water Supply Act (Part IIA) Clearing Control Catchments
- RIWI Act, Groundwater Areas

4. References

- DoW (2011a) Water Licensing Advice for Clearing Permit Application CPS 4420/1. Department of Water, Western Australia (DEC Ref: A414954).
- DoW (2011b) Licence to Clear issued under the Country Areas Water Supply Act 1947, Country Areas Water Supply (Clearing Licence) Regulations 1981. Department of Water, Western Australia (DEC Ref: A448724).
- DoW (2011c) Licence to Take Water and Permit to Obstruct or Interfere (S17) both issued under the Rights in Water and Irrigation Act 1914. Department of Water, Western Australia (DEC Ref: A452297).
- 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. (2009) 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.
- Shire of Manjimup (2011) Advice for Clearing Permit Application CPS 4420/1 (DEC Ref: A411413).

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)