



GOVERNMENT OF
WESTERN AUSTRALIA

CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

PERMIT DETAILS

Area Permit Number: 4517/1

File Number: 2011/010853-1

Duration of Permit: From 17 October 2011 to 17 October 2013

PERMIT HOLDER

Shire of Manjimup

LAND ON WHICH CLEARING IS TO BE DONE

Lot 13304 on Plan 188657 – Reserve 38881 (Windy Harbour, 6262)

AUTHORISED ACTIVITY

The Permit Holder shall not clear more than 0.065 hectares of native vegetation within the area cross hatched yellow on attached Plan 4517/1.

CONDITIONS

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*.



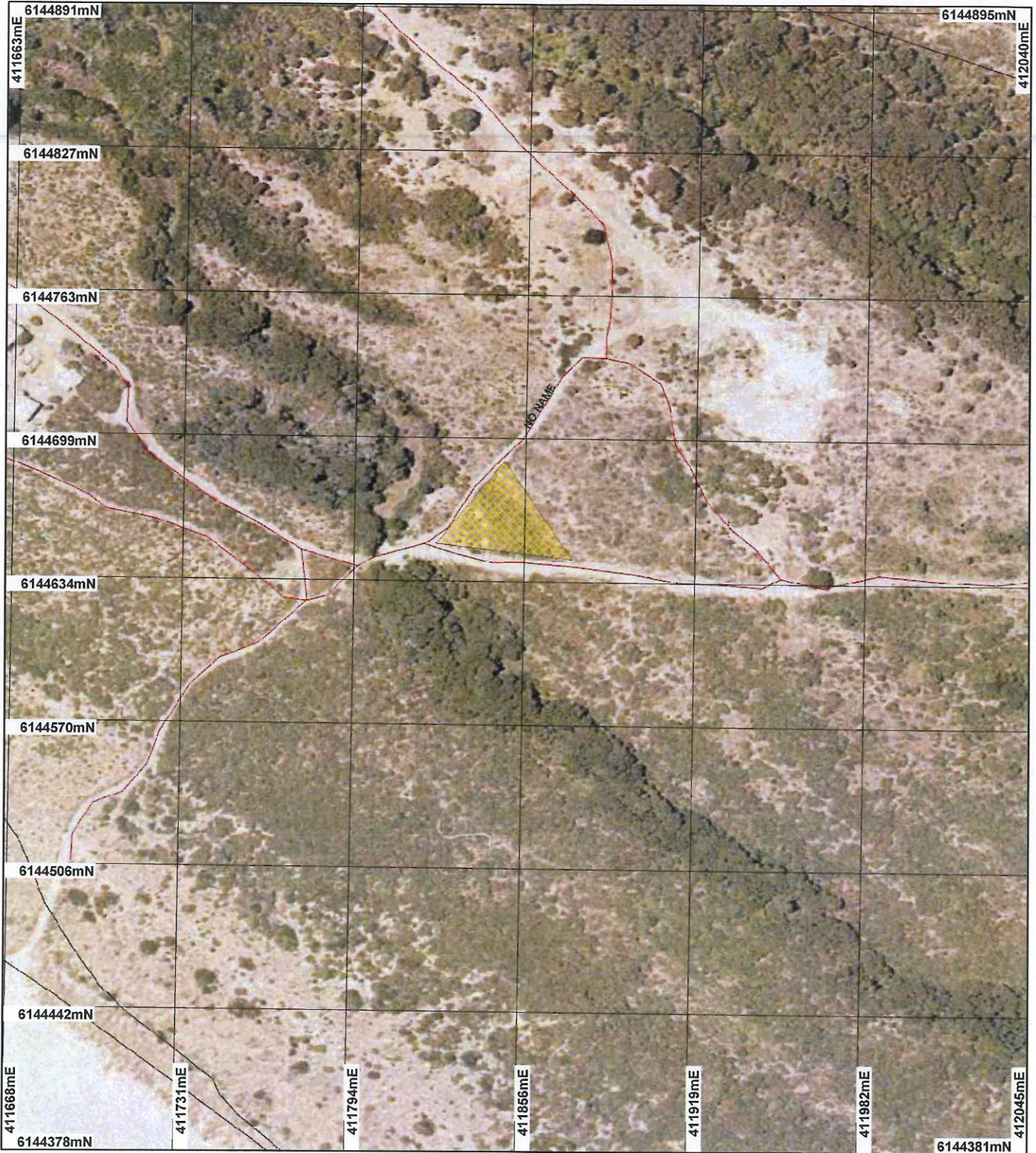
A handwritten signature in black ink, appearing to read 'K Faulkner', is written over a horizontal line.

Kelly Faulkner
MANAGER
NATIVE VEGETATION CONSERVATION BRANCH

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

22 September 2011

Plan 4517/1



LEGEND


- Clearing Instruments**
-  Areas Approved to Clear
 -  Road Centrelines
 -  Cadastre
 -  Northcliffe 50cm Orthomosaic - Landgate 2007



Scale 1:2250
(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 22/9/11
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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1. Application details

1.1. Permit application details

Permit application No.: 4517/1
Permit type: Area Permit

1.2. Proponent details

Proponent's name: Shire of Manjimup

1.3. Property details

Property: LOT 13304 ON PLAN 188657 (WINDY HARBOUR 6262)
Local Government Area: Shire of Manjimup
Colloquial name:

1.4. Application

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

1.5. Decision on application

Decision on Permit Application: Grant
Decision Date: 23 September 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 area under application has been mapped as Beard Vegetation Association 1109 which Shepherd (2009) describes as "Shrublands; peppermint scrub, Agonis flexuosa".	This application proposes to clear 0.065 hectares of native vegetation for a green waste disposal site. The dominant species within the application area are Acacia litterea, Olearia axillaris, Spyridium globulosum, Lepidosperma gladiatum, Leucopogon parviflorus, Hakea oleifolia, Muehlenbeckia adpressa, Phyllanthus calycinus, Desmodium flexuosa, Exocarpos sparteus and Lepidosperma sp.	Degraded: Structure severely disturbed; regeneration to good condition requires intensive management (Keighery 1994)	The condition of the vegetation under application was determined via a site inspection (DEC, 2011) and through digital imagery (Northcliffe 50cm Orthomosaic - Landgate 2007).

3. Assessment of application against clearing principles

Comments

This application proposes to clear 0.065 hectares of native vegetation within Lot 13304 on Plan 188657 (Reserve 38881), Windy Harbour for the purpose of constructing a green waste facility. The Shire of Manjimup has advised that this site will be used as a transfer station which will provide local residents and the Shire with a centralised area to dispose of green waste.

The area under application is in a degraded (Keighery, 1994) condition (DEC, 2011).

The area under application is located within the Warren Interim Biogeographic Regionalisation of Australia (IBRA) bioregion. This IBRA bioregion has approximately 80 per cent of its Pre European vegetation extent remaining (Shepherd, 2009).

The vegetation under application is mapped as Beard Vegetation Association 1109 which has approximately 95 per cent of its Pre European extent remaining in the Pilbara bioregion (Shepherd, 2009). Given the degraded nature of the vegetation and the high per cent of vegetation remaining in a local and regional context the area under application is not considered to be a significant remnant.

A minor, non-perennial watercourse is located within 20 meters of the application area.

The project area is located within a Class A reserve and is also mapped as the proposed South Coast National Park which is an area listed on the Register of National Estate. The disturbance caused by the proposed clearing will increase the likelihood of weeds and die back spreading into the adjacent reserves. Weed and dieback management practices will assist in mitigating this risk of weeds spreading in the adjacent watercourse and reserve.

Due to the sandy soil and the coastal location of the application area, the clearing of 0.065ha of native vegetation may lead to increased risk of wind erosion, however this is not likely to result in appreciable land degradation.

Considering the above, the clearing as proposed may be at variance to principle (h) and is not likely to be at variance to the remaining clearing principles.

Methodology References:
DEC (2011)
Keighery (1994)
Shepherd (2009)

GIS Database:
- DEC Tenure
- Hydrography, linear
- Pre European Vegetation
- Northcliffe 50cm Orthomosaic - Landgate 2007
- SAC Biodatasets - accessed 9 September 2011
- Soils, Statewide

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

Comments

The area under application is an A Class Reserve, reserved for the purpose of Recreation Camping Caravan Park and Holiday Cottages.

The site of the proposed works falls within the registered area of interest of the South West Boojarah Native Title Claimants. This application was referred to the native title claimants. No submission has been received.

No Aboriginal Sites of Significance are mapped within the application area.

Methodology GIS Database:
- Aboriginal Sites of Significance
- Cadastre
- Native Title Claims

4. References

- DEC (2011) Site Inspection Report for Clearing Permit Application CPS 4517/1, Lot 13304 on Plan 188657, Windy Harbour. Site inspection undertaken 31 August 2011. Department of Environment and Conservation, Western Australia (DEC Ref: A427279).
- 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. (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.

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)