



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

PERMIT DETAILS

Area Permit Number: 5395/1

File Number: 2012/008317-1

Duration of Permit: From 8 February 2013 to 8 February 2015

PERMIT HOLDER

Bernard Stewart Mullan

LAND ON WHICH CLEARING IS TO BE DONE

Lot 11363 on Plan 85073 (Dudinin 6363).

AUTHORISED ACTIVITY

The Permit Holder shall not clear more than 0.7 hectares of native vegetation within the area hatched yellow on attached Plan 5395/1.

CONDITIONS

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*:

- (a) clean earth-moving machinery of soil and vegetation prior to entering and leaving the area to be cleared;
- (b) ensure that no *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:

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; and

weeds means any plant -

- (a) that is declared under section 37 of the *Agriculture and Related Resources Protection Act 1976*; or
- (b) published in the Department of Environment and Conservation's Regional Weed Assessments, regardless of ranking; or
- (c) not indigenous to the area concerned.

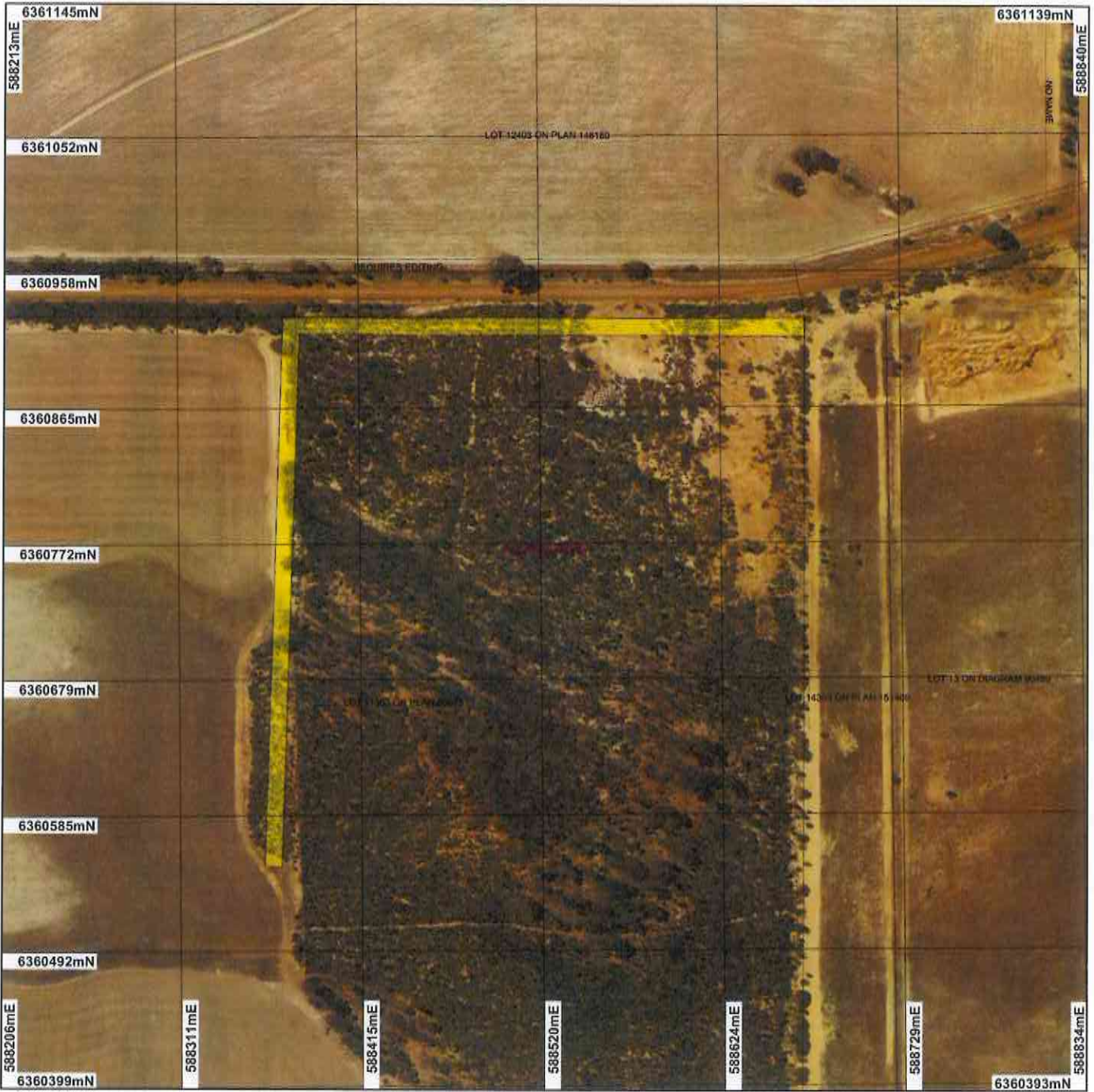
B. Walker

Belinda Walker
A/MANAGER
NATIVE VEGETATION CONSERVATION BRANCH

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

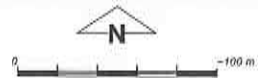
17 January 2013

Plan 5395/1



LEGEND

- | | | |
|---|---|---------------------------------------|
| <input type="checkbox"/> Local Government Authorities | <input type="checkbox"/> Marine Park | <input type="checkbox"/> Water |
| Cadastre | <input type="checkbox"/> Crown Lease | Road Centrelines |
| <input type="checkbox"/> Freehold | <input type="checkbox"/> Lease / Reserve | Clearing Instruments |
| <input type="checkbox"/> Crown Reserve | <input type="checkbox"/> Lease on State Forest / Timber Reserve | Areas Approved to Clear |
| <input type="checkbox"/> State Forest / Timber Reserve (cont) | <input type="checkbox"/> Public Roads | Yealering 2432 Feb 2011 Mosaic |
| | <input type="checkbox"/> Unallocated Crown Land (cont) | |



Scale 1:3553
(Approximate when reproduced at Letter)

Geocentric Datum Australia 1994

Note: the data in this map have not been projected, this may result in geometric distortion or measurement inaccuracies.

B. Walker Date 17/1/13
B. Walker

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.: 5395/1

Permit type: Area Permit

1.2. Proponent details

Proponent's name: Bernard Stewart Mullan

1.3. Property details

Property: LOT 11363 ON PLAN 85073 (DUDININ 6363)

Local Government Area: Shire of Kulin

1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
0.7		Mechanical Removal	Water/gas/cable/pipeline/power installation

1.5. Decision on application

Decision on Permit Application: Grant

Decision Date: 17 January 2013

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 955 is described as shrublands consisting of scrub-heath (SE Avon) and Allocasuarina campestris thicket (Shepherd et al, 2001).	This application proposes to clear up to 0.7 hectares of native vegetation within Lot 11363 on Deposited Plan 85073, Dudinin, for the purpose of powerline installation.	Completely Degraded: No longer intact; completely/almost completely without native species (Keighery 1994)	The condition of the vegetation was established through aerial imagery (Yealering Mosaic-Landgate, 2011).
Mapped Beard Vegetation Association 1023 is described as medium woodland consisting of york gum, wandoo & salmon gum (E. salmonophloia) (Shepherd et al, 2001).		To Good: Structure significantly altered by multiple disturbance; retains basic structure/ability to regenerate (Keighery 1994)	

3. Assessment of application against clearing principles

Comments

This application proposes to clear up to 0.7 hectares of native vegetation within Lot 11363 on Deposited Plan 85073, Dudinin, for the purpose of powerline installation. Approximately 50 per cent of the vegetation under application is in a good (Keighery, 1994) condition, with the remaining 50 per cent in a degraded to completely degraded (Keighery, 1994) condition.

Several rare and priority flora species have been mapped within the local area (10 kilometre radius). Given the largely disturbed condition of the vegetation on site, small size and linear nature of the proposed clearing and distance of the closest rare and priority flora species to the application area (2.6 and 4.9 kilometres respectively), it is not likely for these species to occur within the application area.

There are no threatened or priority ecological communities within the local area (10 kilometre radius).

Given the small size and linear nature of the application area, the vegetation under application it is unlikely to provide significant habitat for indigenous fauna.

There is approximately 11 per cent of Beard Vegetation Associations 1023 and 955 remaining within the Avon Wheatbelt Bioregion (Government of Western Australia, 2011). These associations retain a collective total of 179,677 hectares within the Bioregion. The 0.7 hectares of vegetation under application, of which 50 per cent is in a degraded to completely degraded (Keighery, 1994) condition, is unlikely to represent a significant remnant, despite the landscape being highly cleared.

Given the relatively small area proposed to be cleared and that no wetlands or watercourses occur within the application area, it is not likely the proposed clearing will cause appreciable land degradation, impact water quality, consist of riparian vegetation or cause or exacerbate the intensity of flooding.

The disturbance resulting from the proposed clearing will increase the risk of weeds spreading into adjacent vegetated areas. Weed and dieback management practices will assist in mitigating this risk.

Given the above the proposed clearing is not likely to be at variance to any of the clearing Principles.

Methodology References:
-Government of Western Australia (2011)
-Keighery (1994)

GIS Databases:
-SAC Biodatasets (accessed January 2013)
-Hydrography, linear

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

Comments

No submissions from the public have been received for the proposed clearing.

The Shire of Kulin has advised that they support the proposed clearing for the purpose of powerline installation (Shire of Kulin, 2012).

The application area is zoned 'rural' under the town planning scheme.

Methodology References:
-Shire of Kulin (2012)

GIS Databases:
-Town Planning Scheme Zones

4. References

Government of Western Australia (2011); 2011 Statewide Vegetation Statistics incorporating the CAR Reserve Analysis (Full Report). WA Department of Environment and Conservation, Perth.

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 Kulin (2012) Additional Information for Clearing Application CPS5395/1, Lot 11363 on Deposited Plan 85073, Dudinin. DEC Ref: 587068

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)