



## 1. Application details

### 1.1. Permit application details

Permit application No.: 2642/1  
Permit type: Area Permit

### 1.2. Proponent details

Proponent's name: MR Ashley Edward Muir

### 1.3. Property details

Property: LOT 3781 ON PLAN 133090 ( LAKE MUIR 6258)  
LOT 3781 ON PLAN 133090 ( LAKE MUIR 6258)  
Local Government Area: Shire Of Manjimup  
Colloquial name:

### 1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
0.5		Mechanical Removal	Fence Line Maintenance

## 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 1134 - Medium woodland: jarrah	The vegetation under application is described as being in a good (Keighery 1994) condition. The vegetation to be cleared has been previously grazed and has little to no understorey present (Regional advice 2008).	Good: Structure significantly altered by multiple disturbance; retains basic structure/ability to regenerate (Keighery 1994)	The description and condition of the vegetation was obtained via the use of aerial mapping systems and photographs taken on site.
Mattiske Vegetation Complex CM - Mosaic of woodland of Eucalyptus marginata subsp. marginata-Corymbia calophylla on slopes, and woodland of Eucalyptus occidentalis-Melaleuca cuticularis-Melaleuca raphiophylla, low woodland of Melaleuca preissiana-Banksia littoralis and tall shrublands of Melaleuca viminea on broad depressions in humid to semiarid zones.			

## 3. Assessment of application against clearing principles

### Comments

The proposed clearing of 0.5 hectares of native vegetation lies within an Environmentally Sensitive Area (ESA), and is for the purpose of renewing fence lines and constructing fire breaks and access roads. A small portion of the eastern section of the application area encroaches a buffer zone to Lake Muir, an ANCA listed wetland. The actual amount of vegetation within this ESA is 0.01 hectares. While the proposal is in close proximity to Lake Muir there are no likely impacts on this important wetland (DEC 2008). The introduction of dieback and weeds may have an impact on this conservation area. Conditions to manage these potential impacts will be imposed to ensure no invasion occurs.

The vegetation types present within the area under application are well represented as associations, within the Warren bioregion and within the Shire of Manjimup.

There are several threatened and priority fauna species recorded within a 10km radius, however, given the size of the area proposed to be cleared (0.5ha), and the amount of surrounding vegetation (98% within the local

area, 10km radius), the vegetation under application is not significant habitat for any native fauna.

A range of rare flora species are known to exist in the Lake Muir area and in the Camballup Landform, however, there are no records along this fence alignment and it is unlikely any populations of rare flora will exist along the alignment (DEC 2008).

A site visit (2008) and current data determined that there are no Threatened Ecological Communities (TECs) within the application area or within a 10km radius.

The proposed clearing is considered unlikely to be at variance to any of the clearing principles

**Methodology** DEC (2008)  
Mattiske Consulting (1998)  
Shepherd et al (2006)  
GIS Layers:  
- CALM Managed Lands and Waters - CALM 01/06/05  
- DEFL SAC Bio Datasets (12/05/08)  
- Interim Biogeographic Regionalisation of Australia - EA 18/10/00  
- Mattiske Vegetation - CALM 1/03/1998  
- Pre European Vegetation - DA 01/01  
- Threatened Fauna, SAC Bio Datasets (12/05/08)

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

##### **Comments**

The Town Planning Scheme for the area under application is zoned as Rural.

The area in question is within a Public Drinking Water Source Area (PDWSA) which is registered as un-assigned.

##### **Methodology**

#### **4. Assessor's comments**

##### **Comment**

The application has been assessed against the clearing principles, planning instruments and other matters in accordance with s51O of the Environmental Protection Act 1986, and the proposed clearing was found to be not likely to be at variance to any of the clearing principles

#### **5. References**

- DEC (2008) Regional advice for Clearing Permit Application CPS 2642/1, Lot 3781 on Plan 133090, Lake Muir. Department of Environment and Conservation, Western Australia (TRIM Ref. DOC62100).
- 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. (2001a) Native Vegetation in Western Australia, Extent, Type and Status. Resource Management Technical Report 249. Department of Agriculture, Western Australia (updated 2006).

#### **6. 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



