



## 1. Application details

### 1.1. Permit application details

Permit application No.: 2360/1  
 Permit type: Area Permit

### 1.2. Proponent details

Proponent's name: Busselton Golf Club Inc.

### 1.3. Property details

Property: LOT 26 ON DIAGRAM 55936 (House No. 277 CHAPMAN HILL AMBERGATE 6280)  
 LOT 60 ON DIAGRAM 65705 (House No. 239 CHAPMAN HILL BOVELL 6280)  
 LOT 60 ON DIAGRAM 65705 (House No. 239 CHAPMAN HILL BOVELL 6280)  
 Local Government Area: Shire Of Busselton  
 Colloquial name:

### 1.4. Application

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

## 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
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## 3. Assessment of application against clearing principles

### (a) Native vegetation should not be cleared if it comprises a high level of biological diversity.

Comments: To be assessed.

Methodology

### (b) Native vegetation should not be cleared if it comprises the whole or a part of, or is necessary for the maintenance of, a significant habitat for fauna indigenous to Western Australia.

Comments: To be assessed.

Methodology

### (c) Native vegetation should not be cleared if it includes, or is necessary for the continued existence of, rare flora.

Comments: To be assessed.

Methodology

### (d) Native vegetation should not be cleared if it comprises the whole or a part of, or is necessary for the maintenance of a threatened ecological community.

Comments: To be assessed.

Methodology

**(e) Native vegetation should not be cleared if it is significant as a remnant of native vegetation in an area that has been extensively cleared.**

Comments

To be assessed.

Methodology

**(f) Native vegetation should not be cleared if it is growing in, or in association with, an environment associated with a watercourse or wetland.**

Comments

To be assessed.

Methodology

**(g) Native vegetation should not be cleared if the clearing of the vegetation is likely to cause appreciable land degradation.**

Comments

To be assessed.

Methodology

**(h) Native vegetation should not be cleared if the clearing of the vegetation is likely to have an impact on the environmental values of any adjacent or nearby conservation area.**

Comments

To be assessed.

Methodology

**(i) Native vegetation should not be cleared if the clearing of the vegetation is likely to cause deterioration in the quality of surface or underground water.**

Comments

To be assessed.

Methodology

**(j) Native vegetation should not be cleared if clearing the vegetation is likely to cause, or exacerbate, the incidence or intensity of flooding.**

Comments

To be assessed.

Methodology

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

Comments

The proposal is to clear 0.94 hectares of native vegetation within the Shire of Busselton. The area applied to clear is in a degraded condition consisting mainly of *Acacia saligna*, many of which are dead, senescent or considered to be unhealthy (DEC, 2008). The understorey consists of annual and perennial grassy weeds (DEC, 2008).

Within the local area (10km radius)) there are numerous species of Declared Rare Flora (DRF). A DEC site visit (2008) found that the area has low floristic value and the occurrence of DRF is unlikely. The application area falls within the Ludlow (Lw) vegetation complex which is under represented with 2.9% of native vegetation remaining (Mattiske, 1998). A DEC site visit (2008) found that the area is not considered representative of this complex.

There are four known Threatened Ecological Communities (TEC?s) within the local area (10km radius). Given the habitat characteristics for these TEC?s it is unlikely that will occur within or be affected by the proposed clearing.

The area proposed to be cleared lies within a mapped a multiple use wetland. During a DEC site visit (2008) the species *Melaleuca raphiophylla* was identified. This tree species is known to be indicative of wetland environments. Depending on seasonality, clearing of the vegetation may initially cause some excess sedimentation, however it is considered to be a minimal and short term impact.

The species, *Agonis flexuosa* (Peppermint tree), was also identified during the DEC site visit (2008). The Peppermint tree is known to be the principle species for feeding and habitat for the Western Ringtail Possum (*Pseudocheirus occidentalis*). It is recommended that if the application be granted a condition requiring the retention of this species be imposed.

Clearing within the proposed area is maybe at variance to principle (b) and (e) and is at variance to principle (f). The clearing is unlikely to be at variance to the remaining principles.

#### Methodology

### 4. Assessor's comments

Purpose	Method Applied	area (ha)/ trees	Comment
Drainage	Mechanical Removal	0.94	To drain and revegetate the northern and eastern boundary of Lot 277 Chaoman Hill Road with native species endemic to the area. Creating a vegetation buffer between Lot 60, the Vasse drain and Lot 277 Chapman Hill Road.

### 5. References

- DEC site visit, 2008, TRIM ref DOC48567  
 Matiske Consulting (1998) Mapping of vegetation complexes in the South West forest region of Western Australia, CALM.  
 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 2005).

### 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
WRC	Water and Rivers Commission (now DEC)

