



## 1. Application details

### 1.1. Permit application details

Permit application No.: 568/1  
Permit type: Area Permit

### 1.2. Proponent details

Proponent's name: **Barry John and Roslyn Lois O'Dea**  
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### 1.3. Property details

Property: LOT 2439 ON PLAN 203055 (Lot No. 2439 WARNER GLEN WARNER GLEN 6288)  
Colloquial name: Warner Glen Rd. Sussex Loc 2439 Vol 1053 Fol 139

### 1.4. Application

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

## 2. Assessment of application against Clearing Principles

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

**Comments** Proposal is not likely to be at variance to this Principle

The area consists of a few isolated paddock trees and a small stand (in total 14 trees). The vegetation is not considered to have a high level of biological diversity.

**Methodology** GIS database:  
- Augusta 1.4m Orthomosaic - DOLA 00  
EPA (2000) - (this Position statement No 2)

### (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** Proposal is not likely to be at variance to this Principle

CALM advice was not requested.

Aerial photography indicates that the vegetation may provide some habitat for fauna species, however the level of disturbance within the site is likely to limit that habitat value of the vegetation.

**Methodology** GIS database:  
- Augusta 1.4m Orthomosaic - DOLA 00

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

**Comments** Proposal is not likely to be at variance to this Principle

Although a number of Declared Rare Flora and Priority Species occur within the Local Area (10km radius), the area to be cleared is isolated paddock trees and does not contain suitable habitat for these species.

It is unlikely the proposed clearing will impact on significant flora.

**Methodology** GIS database:  
- Declared Rare and Priority Flora List - CALM 13/08/03

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

**Comments Proposal is not likely to be at variance to this Principle**

One Threatened Ecological Community exists within the local area and is approximately 7.6km west of the area under application.

The vegetation to be cleared is not likely to contain suitable habitat for Threatened Ecological Communities.

**Methodology** GIS database:  
Threatened Ecological Communities - CALM 15/7/03

**(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 Proposal is not at variance to this Principle**

Pre-European	Current extent (ha)*	Remaining (ha)*	(%)*	Conservation** status
IBRA Bioregion - Jarrah***	4,503,156	2,624,301	58.3	Least Concern
Shire of AMR	222,718	159,679	71.7	Least Concern
Vegetation type: Beard: Unit 3	3,046,385	2,197,837	74.8	Least Concern
Mattiske: Nillup (N):	178,024	133,119	74.8%	Least Concern

\* (Shepherd et al. 2001), (Hopkins et al., 2001)

\*\* (Department of Natural Resources and Environment 2002)

\*\*\* Within the Intensive Landuse Zone

The vegetation under application is of Least Concern as the remaining vegetation over 30%. The State Government is committed to the National Objectives Targets for Biodiversity Conservation which includes a target that prevents clearance of ecological communities with an extent below 30% of that present pre-1750 (Department of Natural Resources and Environment (2002); EPA (2000)).

**Methodology** EPA (2000)  
Department of Natural Resources and Environment (2002)  
GIS database:  
- Local Government Authorities - DLI 8/07/04  
- Mattiske Vegetation - CALM 24/3/98  
- Interim Biogeographic Regionalisation of Australia - EM 18/10/00  
- Pre European Vegetation – DA 01/01

**(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 Proposal is not likely to be at variance to this Principle**

There are two first order watercourses, within approximately 500m of the area under application.

The proposed clearing is not likely to impact on the water quality of these systems.

**Methodology** GIS database:  
- Hydrography Linear - DoE 1/2/04

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

**Comments Proposal is not likely to be at variance to this Principle**

There is no information for Acid Sulphate Soils on the property.

Groundwater salinity is mapped at <500 TDS, therefore the property is considered to be in a low risk area.

**Methodology** GIS database:  
 - Groundwater salinity, Statewide - 22/02/00

**(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** **Proposal is not likely to be at variance to this Principle**

Three areas of CALM-managed Lands exist within the local area (10km radius), including the Scott National Park and the South Blackwood State Forest.

The closest is a National Park which is approximately 3.7km from the area under application. The Scott National Park has also been identified as a Registered National Estate, and is approximately 5km from the proposed clearing.

None of these areas is vegetatively linked to the area under application.

**Methodology** GIS database:  
 - CALM Managed Land and Waters - CALM1/06/04  
 - Register of National Estate - EA 28/01/03

**(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** **Proposal is not likely to be at variance to this Principle**

The proposed clearing is not within a Public Drinking Water Supply area and is not likely to degrade the water quality.

**Methodology** GIS database:  
 - Public Drinking Water Supply Areas (PDWSAs) - DOE 29/0/02

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

**Comments** **Proposal is not likely to be at variance to this Principle**

Flooding impacts are unlikely to occur as a result of the proposed clearing due to the size of the area under application.

**Methodology** GIS database:  
 - Topographic Contours, Statewide - DOLA 12/09/02

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

**Comments** Native Title Claim exists over the property – South West Boojarah. However, the area to be cleared is private property and Native Title rights are not likely to be affected by the grant of the permit.  
 Aboriginal Site of Significance exists over the property - Upper Chapman Brook (Interim Register).

**Methodology** GIS database:  
 - Native Title Claims - DLI 19/12/04  
 - Aboriginal Sites of Significance - DIA 04/07/02

**3. Assessor's recommendations**

Purpose	Method	Applied area (ha)/ trees	Decision	Comment / recommendation
Horticulture	Mechanical Removal	14	<b>Grant</b>	The area under application consists of isolated paddock trees and a small stand. The total number of trees proposed for clearing is 14.  The assessment process has not highlighted any areas of concern and the vegetation proposed for clearing is not considered to have a high level of biological significance.  It is therefore recommended that the Department grant the permit.  Please note that a Native Title Claim and Aboriginal Site of Significance have been identified within the area proposed for clearing.

#### 4. References

- Department of Natural Resources and Environment (2002) Biodiversity Action Planning. Action planning for native biodiversity at multiple scales; catchment bioregional, landscape, local. Department of Natural Resources and Environment, Victoria.
- EPA (2000) Environmental protection of native vegetation in Western Australia. Clearing of native vegetation, with particular reference to the agricultural area. Position Statement No. 2. December 2000. Environmental Protection Authority.
- Hopkins, A.J.M., Beeston, G.R. and Harvey J.M. (2001) A database on the vegetation of Western Australia. Stage 1. CALMScience after J. S. Beard, late 1960's to early 1980's Vegetation Survey of Western Australia, UWA Press.
- Keighery, BJ (1994) Bushland Plant Survey: A Guide to Plant Community Survey for the Community. Wildflower Society of WA (Inc). Nedlands, Western Australia.
- Mattiske 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. (2001) Native Vegetation in Western Australia, Extent, Type and Status. Resource Management Technical Report 249. Department of Agriculture, Western Australia.