



1. Application details

1.1. Permit application details

Permit application No.: 361/1

Permit type: Area Permit

1.2. Proponent details

Proponent's name: MR Peter John Tuthill

1.3. Property details

Property: LOT 12094 ON PLAN 201691 (MANJIMUP (S))

Local Government Area: Shire Of Manjimup

Colloquial name:

1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
	30	Mechanical Removal	Timber Harvesting

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
30 trees	30 trees	Completely Degraded: No longer intact; completely/almost completely without native species (Keighery 1994)	

3. 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 at variance to this Principle**

The area consists of isolated paddock trees and small stands spread across the location and is not representative of vegetation considered to be of a high level of biological diversity.

Methodology EPA (2000).

(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**

There was no request for assessment by CALM. 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 the habitat value of the vegetation.

Methodology GIS databases: Pemberton 1.4m Orthomosaic - DOLA 99

(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**

Caladenia harringtoniae (Declared Rare Flora) occurs approximately 6.2km from the site. There are 5 other specimens in the local area (10km radius).

The condition of the vegetation and disturbance to the site limits the potential conservation value of the vegetation it is therefore unlikely that the proposed clearing will impact on significant flora.

Methodology GIS databases: 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

There are no records of Threatened Ecological Communities (TEC) within the local area (10km radius).

There is a low probability of the proposed clearing being at variance with this principle.

Methodology GIS databases:
- Threatened Ecological Communities - CALM 15/7/03
- Threatened Plant Communities - DEP 06/95.

(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

The application is located in the Jarrah Forest Bioregion in the Shire of Manjimup. The extent of native vegetation in these areas is 58.3% and 83.9% respectively (Shepherd et al. 2001).

	Pre-European (ha)*	Current extent (ha)*	Remaining (%)*	Conservation** status	% In managed land
reserves/CALM					
IBRA Bioregion - Jarrah Forest***	4544335	2 624 301	58.3	Least Concern	
Shire of Manjimup	705 670	591 748	83.9	Least Concern	
Vegetation type: Beard: Unit 3	3 046 385	2 197 837	72.1	Least Concern	10.1
Mattiske:					
Bevan 1 (BE1)	767 844	657 120	85.6	Least Concern	
Yornup (YR)	192 520	129 834	67.4	Least Concern	
Collis 1 (CO1)	51 058	34 542	67.7	Least Concern	
Corbalup (CL1)	151 768	115 381	76.0	Least Concern	

* (Shepherd 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 is 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 Hopkins et al. (2001); Havel (2002); Shepherd et al. (2001).
GIS databases:
- 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 at variance to this Principle

Proposed clearing is 100 to 300m from the second order water course within the property.

The proposed clearing is not considered to impact on the water course within the property.

Methodology GIS databases: 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 - 1000 mg/L. Salinity is mapped at a low risk area.

It is not likely that the proposed clearing is a variance to this principle.

Methodology GIS databases: 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

The North Donnelly State Forest is approximately 1.7km north east of the proposed clearing.

The proposed clearing is not likely to be at variance to this principle.

Methodology GIS database:
- CALM Managed Lands and Waters - CALM 1/06/04
- Register of National Estate - EA 28/01/03
- System 6 Conservation Reserves - DEP 06/95.

(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 gazetted public drinking water supply area and is not likely to degrade water quality.

Methodology GIS databases:
- Public Drinking Water Source Areas (PDWSAs) - DOE 29/11/04

(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 at variance to this Principle

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

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

Planning instrument or other matter.

Comments Proposal is not at variance to this Principle

No planning issues or other issues have been raised by the Shire of Manjimup.

The property is zoned RURAL.

Methodology GIS database: Town Planning Scheme Zones - MFP 8/98.

4. Assessor's recommendations

Purpose	Method	Applied area (ha)/ trees	Decision	Comment / recommendation
Timber Harvesting	Mechanical Removal	30	Grant	The proposed clearing is not at variance to the principles.

5. References

Keighery, BJ (1994) Bushland Plant Survey: A Guide to Plant Community Survey for the Community. Wildflower Society of WA (Inc). Nedlands, Western Australia.