



1. Application details

1.1. Permit application details

Permit application No.: 2367/1

Permit type: Area Permit

1.2. Proponent details

Proponent's name: MR Bernard John & Cheryl Florence Rochester

1.3. Property details

Property: LOT 4 ON PLAN 23356 (House No. 43 HEARLE MUMBALLUP 6225)

LOT 4 ON PLAN 23356 (House No. 43 HEARLE MUMBALLUP 6225)

Local Government Area: Shire Of Donnybrook-Balingup

Colloquial name:

1.4. Application

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

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

The proposal to clear up to 25 trees for the purpose of gravel extraction and orchard expansion is unlikely to have any significant environmental impacts. Aerial photography suggests that the vegetation is Completely Degraded (Keighery 1994) consisting of scattered paddock trees. There are no declared rare flora or threatened ecological communities in the vicinity of the project. The vegetation to be cleared is well represented in the local area, and would not have a detrimental impact on fauna.

There is a minor perennial watercourse within the property that has little riparian vegetation remaining. The proposed clearing is at closest 40m from the trees and is unlikely to be vegetation directly associated with the watercourse. Clearing of these 25 trees is unlikely to significantly increase impacts on the watercourse.

It is considered that it is not likely to be at variance with any of the clearing principles.

Methodology

Hopkins et al. (2001)

Keighery (1994)

Shepherd (2006)

Shepherd et al (2001)

GIS Databases:

- CALM Managed Lands and Waters - CALM 01/06/05

- Bridgetown 50cm Orthomosaic - DLI 04

- Hydrography linear - DOW 13/7/06

- Interim Biogeographic Regionalisation of Australia - EA 18/10/00

- Local Government Authorities - DLI 8/07/04

- Pre European Vegetation - DA 01/01

- SAC Biodatasets - accessed 25 Mar 08

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

Comments

A surface water licence is current for the property (DOC48875)

An Extractive Industry licence is current for the property (DOC49020).

Methodology

4. Assessor's comments

Purpose	Method	Applied area (ha)/ trees	Comment
Horticulture	Mechanical Removal	25	The assessment found that the clearing was not likely to be at variance with any of the clearing principles.

5. References

- 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, B.J. (1994) Bushland Plant Survey: A Guide to Plant Community Survey for the Community. Wildflower Society of WA (Inc). Nedlands, Western Australia.
- Sac Bio Datasets (25/03/08). Department of Environment and Conservation, Sac Bio Datasets, Kensington, Western Australia.
- Shepherd (2006). Adapted from: 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. Includes subsequent updates for 2006 from Vegetation Extent dataset ANZWA1050000124.
- 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.

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)

