



1. Application details

1.1. Permit application details

Permit application No.: 190/1
Permit type: Area Permit

1.2. Proponent details

Proponent's name: **Mr Graeme Carthy**
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1.3. Property details

Property: FITZROY LOCATION 98
Colloquial name: Great Northern Highway, 60km from Derby, Willare

1.4. Application

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

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
Vegetation Association 764 - Shrublands, pindan; Acacia eriopoda and A. tumida shrubland with scattered low bloodwood and Eucalyptus setosa over ribbon and curly spinifex.	Vegetation to be cleared is regrowth wattle approximately 4m in height.	Good: Structure significantly altered by multiple disturbance; retains basic structure/ability to regenerate (Keighery 1994)	Vegetation condition assessed by LCO DAWA (DAWA 2004).

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 likely to be at variance to this Principle**

Area was previously cleared and sheeted for the purposes of stock-piling. It is unlikely that the vegetation that has regrown represents an area of significant biodiversity.

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

The site has been previously disturbed and is adjacent to a roadhouse and the highway. It is unlikely that the vegetation that has regrown provides significant habitat for fauna.

Methodology

(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**

There are no Declared Rare or Priority Flora known from the site.

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 at variance to this Principle**

There are no known Threatened Ecological Communities at the site.

Methodology GIS database: Threatened Ecological Community Database - CALM 15/07/03

(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**

The vegetation at the site is part of Vegetation Association 764 of which there is ~100% of the pre-European extent remaining (581,958ha).

Methodology Shepherd et al (2001)
GIS database: 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**

The vegetation of the site is not growing within a watercourse or wetland, however, is ~500m from the Fitzroy River (near the Willare Bridge crossing).

Methodology GIS databases:
Hydrography linear - DOE 1/2/04
Mining Tenements - DOIR 1/09/03

(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**

The soil of the site is pindan which is a reddish sandy soil having good drainage and little risk of erosion. The land is almost flat and is not subject to flooding.

Clearing the vegetation would be unlikely to cause appreciable land degradation.

Methodology LCO DAWA Advice (DAWA 2004)

(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 at variance to this Principle**

There are no conservation reserves adjacent to the site.

Methodology GIS database: CALM Managed Lands and Waters - CALM 1/06/04

(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**

It is unlikely that the area proposed for clearing (2 ha) will have a significant impact on surface or ground water quality.

Methodology

(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**

The land is almost flat and is not subject to flooding.

Methodology LCO DAWA Advice

(k) Planning instrument or other matter.

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

The area is not within a Town Planning Scheme.

Methodology

4. Assessor's recommendations

Purpose	Method	Applied area (ha)/ trees	Decision	Comment / recommendation
Stockpile	Mechanical Removal	2	Grant	Recommend that the permit is granted.

5. References

DAWA (2004) Land degradation assessment report. Office of the Commissioner of Soil and Land Conservation, Department of Agriculture Western Australia. DoE TRIM ref KNI403.

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

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.