



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

PERMIT DETAILS

Area Permit Number: 5841/1
File Number: DER2013/000906-1
Duration of Permit: From 4 January 2014 to 4 January 2016

PERMIT HOLDER

Alan Edward Jenkins
Katrine Jenkins

LAND ON WHICH CLEARING IS TO BE DONE

Lot 173 on Plan 21217 (Gabbadah)

AUTHORISED ACTIVITY

The Permit Holder shall not clear more than 0.46 hectares of native vegetation within the area cross hatched yellow on attached Plan 5841/1.

CONDITIONS

Nil.

M Warnock
MANAGER
NATIVE VEGETATION CONSERVATION BRANCH

*Officer delegated under Section 20
of the Environmental Protection Act 1986*

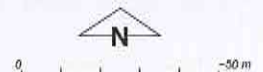
5 December 2013

Plan 5841/1



LEGEND

- Road Centrelines
- Clearing Instruments
- Areas Approved to Clear
- Cadastre
- Perth Metropolitan Area
- North 15cm Orthomosaic - Landgate 2012
- Local Government Authorities



Scale 1:1841
(Approximate when reproduced at A4)

Geocentric Datum Australia 1994

Note: the data in this map have not been projected. This may result in geometric distortion or measurement inaccuracies.

M Warnock Date 5/12/13

M Warnock

Officer with delegated authority under Section 20 of the Environmental Protection Act 1986

Information derived from this map should be confirmed with the data custodian acknowledged by the agency acronym in the legend.



Government of Western Australia
Department of Environment Regulation

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1. Application details

1.1. Permit application details

Permit application No.: 5841/1
Permit type: Area Permit

1.2. Proponent details

Proponent's name: Alan and Katrine Jenkins

1.3. Property details

Property: LOT 173 ON PLAN 21217 (House No. 72 HEFFRON GABBADAH 6041)
Local Government Area: Shire of Gingin

1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
0.46		Mechanical Removal	Fire hazard reduction, landscaping and access tracks

1.5. Decision on application

Decision on Permit Application: Grant
Decision Date: 5 December 2013

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
Mapped Beard vegetation association 949: Low woodland; banksia (Shepherd et al, 2001).	Clearing 0.46 hectares of native vegetation within Lot 173 on Plan 21217, Gabbadah, Shire of Gingin for the purpose of fire hazard reduction, landscaping and access tracks.	Degraded: Structure severely disturbed; regeneration to good condition requires intensive management (Keighery 1994)	The area under application consists of scattered Banksia trees with a midstorey of Xanthorrhoea preissii (Grass trees) and a ground cover predominately of weeds (DER, 2013). Large limestone rocks where present within the area under application (DER, 2013). The applicant is only clearing grass trees.
Hedde vegetation complex, Cottesloe North: Predominantly low open forest and low woodland of Banksia attenuata (Slender Banksia) - Banksia menziesii (Firewood Banksia) - Eucalyptus todtiana (Pricklybark); closed heath on Limestone outcrops (Hedde et al, 1980)			The vegetation under application is considered to be in a degraded (Keighery, 1994) condition (DER, 2013). The structure and condition of the vegetation under application was obtained from a site inspection undertaken by Department of Environment Regulation on 12 November 2013 (DER, 2013).

3. Assessment of application against clearing principles

Comments

The application is to clear 0.46 hectares of native vegetation approximately seven kilometres north of the town site of Guilderton. The applicant wants to thin out the grass trees that have become abundant within his property.

The vegetation under application is in a degraded (Keighery, 2013) condition (DER, 2013).

Two priority flora species has been recorded within five kilometres of the area under application, mapped within the same vegetation and soil type associated to the proposed clearing area. The proposed clearing consist of the removal of grass trees therefore, is not likely to impact on priority flora. There has been no rare flora recorded within five kilometres of the area under application.

Several fauna species of conservation significance have been recorded within five kilometres of the area under application (DPaW 2007-). The proposed clearing consist of grass trees and is unlikely to provide significant

application (DPaW 2007-). The proposed clearing consist of grass trees and is unlikely to provide significant habitat for fauna .

There has been no priority or threatened ecological communities mapped within five kilometres of the area under application.

The vegetation under application is represented by Beard Vegetation Association 949 and Heddle Vegetation Complex, Cottesloe Complex - North of which there is 57 and 58 percent respectively of their pre-European extent remaining (Government of Western Australia, 2013 and Heddle et al, 1980). Additionally, the application area is not within an extensively cleared landscape with approximately 40 percent of vegetation remaining within five kilometres of the application. The national objectives and targets for biodiversity conservation in Australia has a target to prevent clearance of ecological communities with an extent below 30 percent of that present pre-1750, below which species loss appears to accelerate exponentially at an ecosystem level (Commonwealth of Australia 2001). Both vegetation types associated to the proposed clearing area are above the national objectives and target level of 30 percent.

There closest conservation area to the proposed clearing in the Gnangara-Moore River State Forest which is approximately 1.2 kilometres east of the applied area. The vegetation within the applied area and the State Forest are not linked nor does the application area act as a stepping stone to facilitate the movement of fauna to the State Forest.

There have been no wetlands or watercourses mapped within the application area and given the size of the proposed clearing it is not likely to cause appreciable land degradation, impact water quality, consist of riparian vegetation or cause or exacerbate the intensity of flooding.

Given the above, the proposed clearing is not likely to be at variance to any of the clearing Principles.

Methodology

References:

- Commonwealth of Australia (2001)
- DER (2013)
- DPaW (2007-)
- Government of Western Australia (2013)
- Heddle et al (1980)
- Keighery (1994)

GIS Databases:

- SAC Bio Datasets (Accessed November 2013)
- NLWRA, Extent of Vegetation Remaining
- Hydrography, linear

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

Comments

No submissions from the public have been received for the proposed clearing.

The area under application falls within the Sovereign Hill Water Reserve a priority three Public Drinking Water Source Area . The Department of Water (2013) has been advised of the proposal and provided no comments.

The area under application is zoned rural residential under the Shire of Gingin's town planning scheme.

Methodology

GIS Databases

- Public Drinking Water Source Areas
- Town Planning Scheme

4. References

- Commonwealth of Australia (2001) National Objectives and Targets for Biodiversity Conservation 2001-2005, Canberra.
- DER (2013) Site Inspection Report for Clearing Permit Application CPS 5841/1, Lot 72 Heffron Road, Sovereign Hill. Site inspection undertaken 12 November, 2013. Department of Environment Regulation, Western Australia (DER Ref:A701049).
- Government of Western Australia. (2013). 2012 Statewide Vegetation Statistics incorporating the CAR Reserve Analysis (Full Report). Current as of October 2012. WA Department of Environment and Conservation, Perth.
- Heddle, E. M., Loneragan, O. W., and Havel, J. J. (1980) Vegetation Complexes of the Darling System, Western Australia. In Department of Conservation and Environment, Atlas of Natural Resources, Darling System, Western Australia.
- Keighery, B.J. (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. Technical Report 249. Department of Agriculture Western Australia, South Perth.