



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

PERMIT DETAILS

Area Permit Number: 4856/1
File Number: 2011/004955
Duration of Permit: From 16 April 2012 to 16 April 2014

PERMIT HOLDER

Jandakot Airport Holdings Pty Ltd on behalf of Treeland Investments Pty Ltd

LAND ON WHICH CLEARING IS TO BE DONE

Lot 31 on Plan 13244 (Jandakot 6164)

AUTHORISED ACTIVITY

The Permit Holder shall not clear more than 0.5 hectares of native vegetation within the area hatched yellow on attached Plan 4856/1.

CONDITIONS

Weed control

When undertaking any clearing or other activity authorised under this Permit, the Permit Holder must take the following steps to minimise the risk of the introduction and spread of *weeds*:

- a) clean earth-moving machinery of soil and vegetation prior to entering and leaving the area to be cleared;
- b) ensure that no *weed*-affected soil, *mulch*, *fill* or other material is brought into the area to be cleared; and
- c) restrict the movement of machines and other vehicles to the limits of the areas to be cleared.

Definitions

The following meanings are given to terms used in this Permit:

fill means material used to increase the ground level, or fill a hollow;

mulch means the use of organic matter, wood chips or rocks to slow the movement of water across the soil surface and to reduce evaporation;

weeds means a species listed in Appendix 3 of the "Environmental Weed Strategy" published by the Department of Conservation and Land Management (1999), and plants declared under section 37 of the *Agriculture and Related Resources Protection Act 1976*.

A handwritten signature in black ink, appearing to be "K. Faulkner", written over a horizontal line.

Kelly Faulkner
MANAGER
NATIVE VEGETATION CONSERVATION BRANCH

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

22 March 2012

Plan 4856/1



LEGEND

- | | |
|-----------------------------|---|
| Clearing instruments | Recently added |
| Areas Approved to Clear | Coverage |
| Road Centrelines | Fremantle 50cm Orthomosaic - Landgate 2008 |
| Cadastre | |
| Image Index (cont) | |



Scale 1:2310

(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.

Date 20/3/12

K. Faulkner
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.



Department of Environment and Conservation

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1. Application details

1.1. Permit application details

Permit application No.: 4856/1
Permit type: Area Permit

1.2. Proponent details

Proponent's name: Jandakot Airport Holdings

1.3. Property details

Property: LOT 31 ON PLAN 13244 (Lot No. 31 HOPE JANDAKOT 6164)
Local Government Area: City of Cockburn
Colloquial name:

1.4. Application

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

1.5. Decision on application

Decision on Permit Application: Grant
Decision Date: 22 March 2012

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
The area under application is mapped as Beard Vegetation Association 1001 which Shepherd (2009) describes as 'Medium very sparse woodland; jarrah, with low woodland; banksia & casuarina'.	This application proposes to clear 0.5 hectares of native vegetation for the purpose of drainage.	Good: Structure significantly altered by multiple disturbance; retains basic structure/ability to regenerate (Keighery 1994)	The condition of the vegetation under application was determined via a site inspection (DEC, 2012).
	The majority of the area under application is Banksia woodland and is dominated by Banksia attenuate with small numbers Banksia menziesii and ilicifolia over a low understorey of mixed native shrubs and weeds..	To	
	The majority of the area under application is in a degraded condition. This site has a high degree of weed invasion and has been used as a dumping ground.	Degraded: Structure severely disturbed; regeneration to good condition requires intensive management (Keighery 1994)	

3. Assessment of application against clearing principles

Comments

This application proposes to clear 0.5ha of native vegetation within Lot 31 on Plan 13244, Jandakot for the purpose of drainage.

The majority of the area under application is in a degraded (Keighery, 1994) condition (DEC, 2012) and consists of Banksia woodland and cleared land.

Mattiske Consulting Pty Ltd was commissioned by Jandakot Airport Holdings Pty Ltd to conduct a Flora and Vegetation Survey over Lot 31. This survey recorded a total of 57 plant genera and 28 plant families (Mattiske Consulting Pty Ltd, 2010).

Many declared rare flora species have been recorded within the local area (10km radius) with the closest being Caladenia huegellii. This species has been recorded approximately 500 meters north west of the application area. Due to the potential presence of rare flora, eleven experienced botanists from Mattiske Consulting conducted three searches of the property in August 2010 and a further search in September 2010 (Mattiske Consulting Pty Ltd, 2010). These searches did not identify any rare or priority flora.

Within the local area (10km radius) 935 records of 24 conservation significant fauna species have been recorded (DEC 2007-). The area under application contains suitable foraging habitat for Carnaby's black cockatoo, however no foraging evidence was observed during a site inspection (DEC, 2012). In November

2010 Western Wildlife (2010) conducted a fauna survey over Lot 31 and recorded Quenda in the application area. The Quenda favour dense wetland vegetation and therefore the area under application is unlikely to be significant habitat for this species. Given the small, degraded area under application and the proximity of large areas of vegetation in better condition (Bush Forever site 388), the area under application is not likely to contain significant habitat for fauna.

The area under application lies adjacent to Bush Forever site 388 (Jandakot Airport). This area has also been entered in the Interim List of the Register of the National Estate and is subject to protection under the Commonwealth Environment Protection and Biodiversity Conservation Act 1999 (Department of Environmental Protection, 2000).

The disturbance resulting from the proposed clearing will increase the risk of weeds spreading into the adjacent Bush Forever site. Weed management practices would assist in mitigating this risk.

Given the small area under application and its degraded condition it is unlikely that the proposed clearing will negatively impact upon biodiversity, conservation significant flora or water quality, nor will it cause appreciable land degradation. Therefore, the proposed clearing maybe at variance to principles (h) and is not likely to be at variance to any of the remaining clearing principles.

Methodology References:
DEC (2012)
Department of Environmental Protection (2000)
Keighery (1994)
Mattiske Consulting Pty Ltd (2010)
Western Wildlife (2011)

GIS Database:
- Pre European Vegetation
- Perth Metropolitan Area Central 20cm Orthomosaic - Landgate 2006
- SAC Biodatasets - accessed February 2012

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

Comments

The buffer to an Aboriginal Site of Significance (Prinsep Road) is within 10 meters of the area under application.

Treeland Investments Pty Ltd (owned by the same directors as Jandakot Airport Holdings Pty Ltd) and the City of Cockburn have a Memorandum of Understanding to facilitate a land exchange, subdivision and road closure to resolve road and drainage infrastructure encroachments.

Western Australian Planning Commission (WAPC) has approved a Freehold (Green Title) Subdivision over Lot 31 and Lot 100 to create a drainage reserve (WAPC, 2010)

No public submissions have been received in relation to this application.

Methodology Reference:
WAPC (2010)

GIS Database:
-Aboriginal Sites of Significance

4. References

- DEC (2012) Site Inspection Report for Clearing Permit Application CPS 4856/1, Lot 31 Karel Ave, Jandakot. Site inspection undertaken 1 March 2012. Department of Environment and Conservation, Western Australia (DEC Ref: A484187).
- Department for Environmental Protection (2000) Directory of Bush Forever Sites. Volume 2. Government of 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.
- Mattiske Consulting Pty Ltd (2010) Flora and Vegetation Survey of Lot 31 Karel Avenue, Jandakot. Prepared for Jandakot Airport Corporation. December 2010 (DEC Ref: A470871).
- Shepherd, D.P. (2009) 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.
- WAPC (2010) Approval Subject to Condition(s), Freehold (Green Title) Subdivision. Western Australian Planning Commission (DEC Ref: A475493).
- Western Wildlife (2010) Level 1 Fauna Survey for Lot 31 Karel Avenue, Jandakot. Prepared for Jandakot Airport Holdings Pty Ltd. January 2011 (DEC Ref: A470871).

5. 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)