



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

Purpose Permit number: CPS 3691/1
Permit Holder: Airservices Australia
Duration of Permit: 6 June 2010 to 6 June 2015

The Permit Holder is authorised to clear native vegetation subject to the following conditions of this Permit.

PART I – CLEARING AUTHORISED

1. Purpose for which clearing may be done

Clearing for the purpose of constructing a non directional beacon.

2. Land on which clearing is to be done

LOT 9000 ON PLAN 53861 (HALLS CREEK 6770)

3. Area of Clearing

The Permit Holder must not clear more than 1.3 hectares of native vegetation within the area hatched yellow on attached Plan 3691/1.

4. Application

This Permit allows the Permit Holder to authorise persons, including employees, contractors and agents of the Permit Holder, to clear native vegetation for the purposes of this Permit subject to compliance with the conditions of this Permit and approval from the Permit Holder.

5. Compliance with Assessment Sequence and Management Procedures

Prior to clearing any native vegetation under conditions 1 and 2 of this Permit, the Permit Holder must comply with the Assessment Sequence and the Management Procedures set out in Part II of this Permit.

PART II – ASSESSMENT SEQUENCE AND MANAGEMENT PROCEDURES

6. Avoid, minimise etc clearing

In determining the amount of native vegetation to be cleared authorised under this Permit, the Permit Holder must have regard to the following principles, set out in order of preference:

- (a) avoid the clearing of native vegetation;
- (b) minimise the amount of native vegetation to be cleared; and
- (c) reduce the impact of clearing on any environmental value.

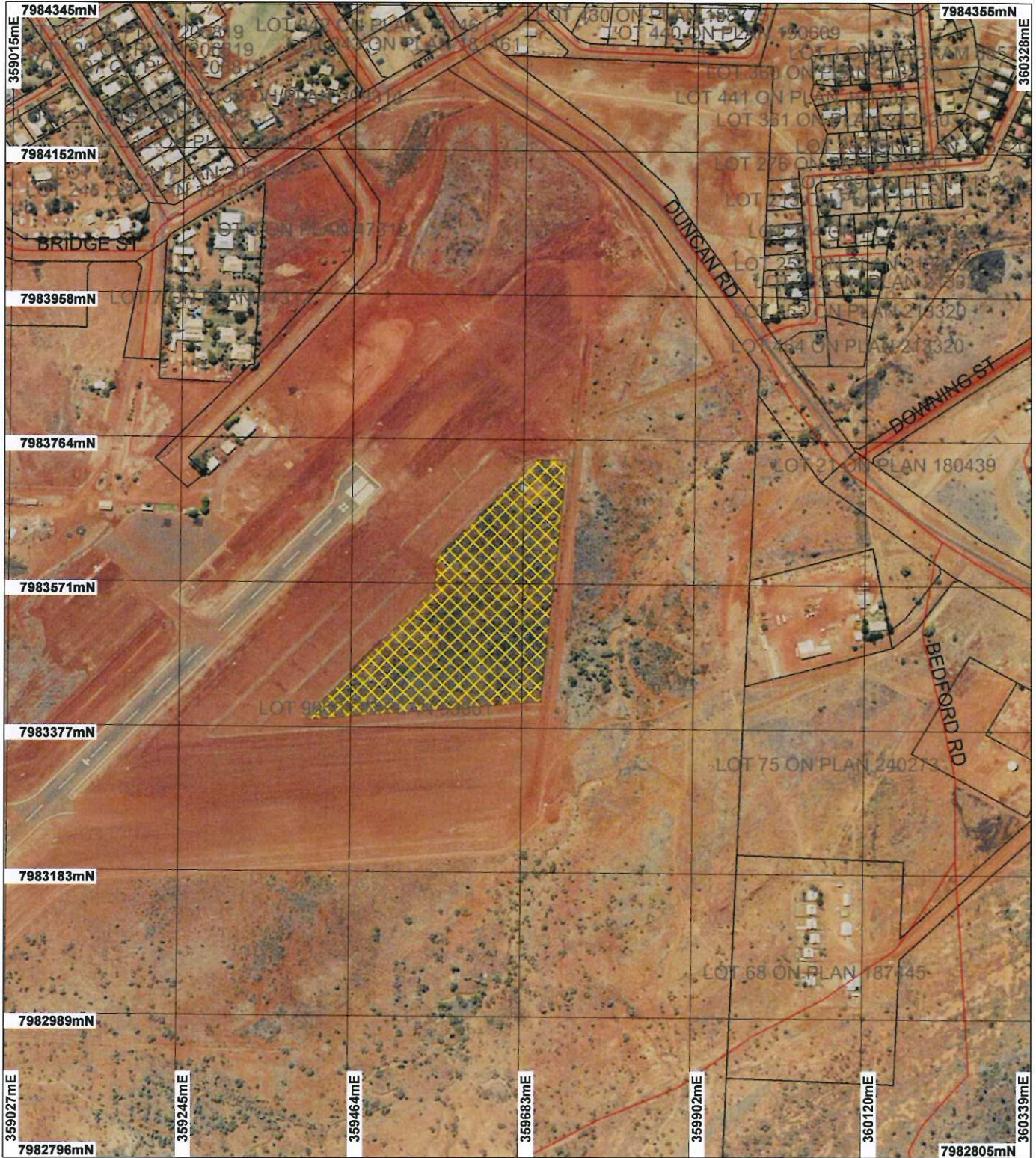
A handwritten signature in black ink, appearing to read "K Faulkner", written over a horizontal line.

Kelly Faulkner
MANAGER
NATIVE VEGETATION CONSERVATION BRANCH

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



6 May 2010

Plan 3691/1



LEGEND


Clearing Instruments

-  Areas Approved to Clear
-  Road Centrelines



Geocentric Datum Australia 1994

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

 Date 6/5/10

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.: 3691/1
Permit type: Purpose Permit

1.2. Proponent details

Proponent's name: **Airservices Australia**

1.3. Property details

Property: LOT 9000 ON PLAN 53861 (HALLS CREEK 6770)
Local Government Area:
Colloquial name:

1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
1.3		Mechanical Removal	Building or Structure

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 (1980) vegetation association 837 is described as Grasslands, short bunch grass savanna low tree; snappy gum over arid short grass on plains (Shepherd, 2007).	The proposal is to clear up to 1.3 hectares of native vegetation for the construction of a non-directional beacon. The vegetation is in degraded to good (Keighery, 1994) condition and consists of a moderate level of weed invasion and is characterised as savannah grass of Eucalyptus species over ribbon grass (DEC, 2010 and Ecological Australia, 2010).	Good: Structure significantly altered by multiple disturbance; retains basic structure/ability to regenerate (Keighery 1994)	The vegetation condition was determined by orthomosaic imagery, DEC site visit (2010) and Ecological Australia Report (2010).
As above	As above	Degraded: Structure severely disturbed; regeneration to good condition requires intensive management (Keighery 1994)	As above

3. Assessment of application against clearing principles

Comments

The proposal to clear up to 1.3 hectares of native vegetation for the construction of a non-directional beacon is unlikely to have any significant environmental impacts. The vegetation is considered to be in a degraded to good (Keighery, 1994) condition and consists of a moderate level of weed invasion and is characterised as savannah grass of Eucalyptus species over ribbon grass (DEC, 2010 and Ecological Australia, 2010).

There are no rare flora species or threatened ecological communities within the local area (10km radius). The vegetation extent remaining in the local and bioregional areas is well represented in the local area.

Given the clearing consists of 1.3 hectares and the high vegetation representation of surrounding vegetation, it is unlikely the proposal will be considered as significant fauna habitat; impacting on conservation areas; or causing or exacerbating land degradation, water quality or flooding.

The application area is not connected to the creekline to the east and is cut off from surrounding vegetation by airport boundary fencing (DEC, 2010)

Given the above it is considered that the proposed clearing is not likely to be at variance with any of the clearing

principles.

Methodology

References:

Ecological Australia (2010)
DEC (2010)
Keighery (1994)

GIS database:

- DEC Tenure (DEC 2010)
- SAC Biodatasets (accessed 21 April 2010)
- Declared Rare and Priority Flora List - CALM 6/10/08
- Pre European Vegetation (DA 2001)
- Hydrography linear - DOW 13/7/06
- Soils, Statewide DA 11/99
- Hydrogeology, statewide ? DOW 13/07/06
- Topographic contours statewide - DOLA and ARMY 12/09/02
- Current Extent of Native Vegetation (NLWRA 2001)

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

Comments

No public submissions were received. The application area is zoned for Public purpose ? Aerodome.

Area falls within the Canning-Kimberley Groundwater RIWI area and the Ord River Irrigation RIWI district, however no groundwater will be taken for this application.

One Aboriginal site of significance is recorded over the area under application (Mythological Painting). There is no native title claim over the property.

Methodology

GIS database:

- Cadastre - Landgate Dec 07
- RIWI Act, Groundwater Areas - DoW 13/07/06
- RIWI Act, Irrigation Districts - DoW 13/07/06
- Town Planning Scheme Zones - MFP 31/08/98
- Aboriginal Sites of Significance 26 April 2007

4. Assessor's comments

Comment

The application has been assessed against the clearing principles, planning instruments and other matters in accordance with s51O of the Environmental Protection Act 1986, and the proposed clearing is not likely to be at variance to the clearing Principles.

5. References

- DEC (2010) Kimberley Regional Advice. Department of Environment and Conservation Ref A301912.
Ecological Australia (2010) Environmental Assessment Report, Non-Directional Beacon Relocation, Halls Creek WA (New Site).
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. (2007) 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.

6. Glossary

Term	Meaning
CALM	Department of Conservation and Land Management (now DEC)
DAFWA	Department of Agriculture and Food
DEC	Department of Environment and Conservation
DEP	Department of Environmental Protection (now DEC)
DoE	Department of Environment (now DEC)
DoW	Department of Water
DMP	Department of Mines and Petroleum (ex DoIR)
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)