



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

PERMIT DETAILS

Area Permit Number: 6520/1
File Number: DER2015/000558
Duration of Permit: From 20 June 2015 to 20 June 2017

PERMIT HOLDER

Crendon Holdings Pty Ltd

LAND ON WHICH CLEARING IS TO BE DONE

Lot 2172 on Deposited Plan 126126, Upper Capel
Lot 2922 on Deposited Plan 82390, Upper Capel
Lot 4596 on Deposited Plan 205948, Upper Capel
Lot 4597 on Deposited Plan 205948, Upper Capel
Lot 5342 on Deposited Plan 215077, Upper Capel

AUTHORISED ACTIVITY

The Permit Holder shall not clear more than 36 native trees within the area hatched yellow on attached Plan 6520/1.

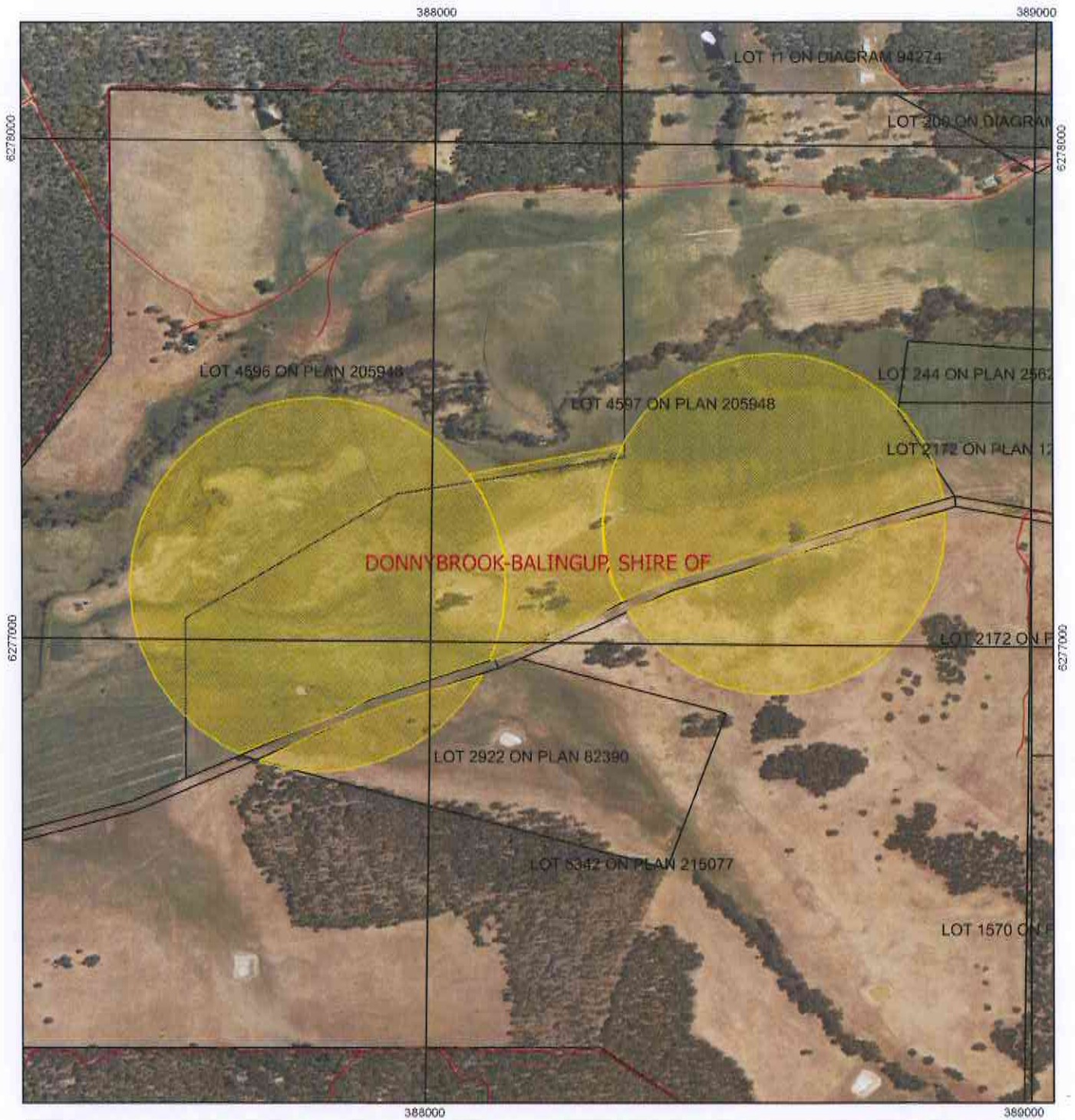
A handwritten signature in black ink, appearing to read "M Warnock", written over a horizontal line.

M Warnock
SENIOR MANAGER
CLEARING REGULATION


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

21 May 2015

Plan 6520/1



Legend

-  Areas approved to clear
 -  Roads
 -  LGA
 -  Cadastre
- Virtual Mosaic (LGATE-V001)



1:7,000

MGA 94
Geocentric Datum of Australia 1994

M Warnock Date *21/5/15*
M Warnock

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



GOVERNMENT OF
WESTERN AUSTRALIA



1. Application details

1.1. Permit application details

Permit application No.: 6520/1
Permit type: Area Permit

1.2. Proponent details

Proponent's name: Crendon Holdings Pty Ltd

1.3. Property details

Property: LOT 5342 ON PLAN 215077, UPPER CAPEL
LOT 4597 ON PLAN 205948, UPPER CAPEL
LOT 4596 ON PLAN 205948, UPPER CAPEL
LOT 2922 ON PLAN 82390, UPPER CAPEL
LOT 2172 ON PLAN 126126, UPPER CAPEL

Colloquial name:
Local Government Authority: DONNYBROOK-BALINGUP, SHIRE OF
DER Region: GREATER SWAN
DPaW District: BLACKWOOD
LCDC: DONNYBROOK -BALLINGUP
Localities: UPPER CAPEL

1.4. Application

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

1.5. Decision on application

Decision on Permit: Granted
Application:
Decision Date: 21 May 2015

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
Beard Vegetation Association 1182 is described as a medium woodland; Eucalyptus rudis & Melaleuca raphiophylla (Shepherd et al. 2001).	Clearing of 36 native trees within Lot 244 on Deposited Plan 256264, Lot 2172 on Deposited Plan 126126, Lot 2922 on Deposited Plan 82390, Lots 4596 and 4597 on Deposited Plan 205948, Lot 5342 on Deposited Plan 215077, Upper Capel, for the purpose of pivot irrigation.	Completely Degraded; No longer intact, completely/almost completely without native species (Keighery, 1994).	The trees under application consist of 22 Eucalyptus rudis, five Eucalyptus marginata and nine Corymbia calophylla.
Beard Vegetation Association 1017 is described as a medium open woodland; jarrah & marri, with low woodland; banksia (Shepherd et al. 2001).			The condition and structure of the vegetation under application was determined from a site inspection conducted by Department of Environment Regulation Officers on 21 March 2015 (DER 2015).
Mattiske Vegetation Complex Preston Complex (PR) is described as Woodland of Eucalyptus rudis-Agonis flexuosa-Banksia seminuda along streams, open forest of Corymbia calophylla-Eucalyptus patens on slopes in the humid zones (Mattiske and Havel 1998).			
Mattiske Vegetation Complex Rosa Complex (RO) is described as Woodland to open forest of Corymbia calophylla-Eucalyptus marginata subsp. marginata-Xylomelum occidentale on slopes and tall shrubland of Agonis linearifolia in valley floors in the humid zone (Mattiske and Havel 1998).			

3. Assessment of application against clearing principles

Comments The application is to clear up to 36 native trees for the purpose of pivot irrigation and is unlikely to have any significant environmental impacts. The vegetation consists of 22 *Eucalyptus rudis*, five *Eucalyptus marginata* and nine *Corymbia calophylla* trees. The vegetation is in completely degraded (Keighery 1994) condition (DER 2015).

There are no rare or priority flora species or priority or threatened ecological communities in the vicinity of the project. Given the clearing consists of 36 trees and the local area (10 kilometre radius) is highly vegetated (60 per cent), it is unlikely for the proposed clearing to contain high biodiversity, significant fauna habitat, impact on nearby conservation areas, cause or exacerbate flooding.

The Department of Agriculture and Food advised that the area proposed to be cleared has high capability for the intended land use and that the risk of land degradation is low (DAFWA 2015).

A watercourse occurs directly north of the application area and the vegetation under application includes Flooded Gum (*Eucalyptus rudis*), a species which grows in winter wet depressions, swamps, lake edges and river floodways. Therefore, the proposed clearing is at variance to Principle (f). Given the size of the proposed clearing (22 *Eucalyptus rudis*) this impact is considered to be minor. Given the trees under application occur more than 30 metres from the watercourse, the proposed clearing is not likely to impact on the surface water quality.

The assessment of the application identified that the clearing is at variance to Principle (f) and is not likely to be at variance to any of the remaining principles.

Methodology References:
DAFWA 2015
DER 2015
Keighery 1994
GIS Databases:
- SAC Bio Datasets
- Hydrography, Linear

Planning instruments and other relevant matters.

Comments The application area was amended to change the size and location of the proposed pivot irrigation in order to avoid the vegetation along the Capel River channel on the property as recommended by the Department of Water (2015) and the Department of Parks and Wildlife (2015).

The Shire of Donnybrook-Balingup supports the proposed clearing and advised that the proposed pivot irrigation system is consistent with the Shire's Town Planning Scheme (Shire of Donnybrook-Balingup 2015).

The Department of Water (2015) advised that the intensive nature of the agricultural activity may result in increased nutrient, herbicide and pesticide input into the waterway and the excessive use of fertilisers and chemicals could potentially contaminate the groundwater. To minimise these risks, the DoW advised:

- The use of organic fertilisers/soil amendments like manure, compost and mulch
- The use of fertilisers, herbicides and pesticides should follow best practice, such as application during dry weather and to manufacturer's specifications. Only low environmental toxicity herbicides/pesticides should be used in order to minimise impacts to the Capel River North.

The Department of Water has advised that the applicant has a licence to take surface water (DoW 2015).

Methodology References:
DoW 2015
DPaW 2015
Shire of Donnybrook-Balingup 2015

4. References

- DAFWA (2015) Advice received in relation to Clearing Permit Application CPS 6520/1. Advice received 14 May 2015. Department of Agriculture and Food Western Australia, Western Australia (DER REF: A908734).
- DER (2015) Site inspection conducted on 21 March 2015 for Clearing Permit Application CPS 6520/1. Department of Environment Regulation, Perth (DER REF: A899833).
- DoW (2015) Advice received in relation to Clearing Permit Application CPS 6520/1. Advice received 20 April 2015. Department of Water, Perth (DER REF: A898084).
- DPaW (2015) Advice received in relation to Clearing Permit Application CPS 6520/1. Advice received 16 April 2015. Department of Parks and Wildlife, Bunbury (DER REF: A896114).
- 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, E.M. and Havel, J.J. (1998) Vegetation Complexes of the South-west Forest Region of Western Australia. Maps and report prepared as part of the Regional Forest Agreement, Western Australia for the Department of Conservation and Land Management and Environment 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.
- Shire of Donnybrook-Balingup (2015) Advice received in relation to Clearing Permit Application CPS 6520/1. Advice received 21 April 2015 (DER REF: A898114).