



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

PERMIT DETAILS

Area Permit Number: 3788/1

File Number: 2010/003967-1

Duration of Permit: From 15 August 2010 to 15 August 2012

PERMIT HOLDER

Stuart Edward Irwin

Peta Maree Irwin

LAND ON WHICH CLEARING IS TO BE DONE

Lot 2204 on Deposited Plan 206512, Kworknicup Road, PERILLUP 6324

CONDITIONS

1. Authorised activity

The Permit Holder shall not clear more than 37 dead native trees within the area cross hatched yellow on attached Plan 3788/1.

2. Fauna management

- (a) Prior to undertaking any clearing authorised under this Permit, the area(s) shall be inspected by a *fauna specialist* who shall identify tree(s) that contain hollows suitable to be utilised as *habitat tree(s)* by fauna listed in the *Wildlife Conservation (Specially Protected Fauna) Notice 2010*.
- (b) Prior to clearing, any *habitat tree(s)* identified by condition 1(a) shall be inspected by a *fauna specialist* for the presence of fauna listed in the *Wildlife Conservation (Specially Protected Fauna) Notice 2010*.
- (c) Within one week prior to undertaking any clearing authorised under this Permit, the Permit Holder shall engage a *fauna clearing person* to remove and relocate fauna identified under condition 2(b).

3. Records must be kept

The Permit Holder must maintain the following records in relation to fauna management pursuant to condition 2 of this Permit:

- (a) the location of each habitat tree identified recorded using a Global Positioning System (GPS) unit set to Geocentric Datum Australia 1994 (GDA94), expressing the geographical coordinates in Eastings and Northings;
- (b) the species name of fauna reasonably likely to utilise, or that have been observed utilising, the habitat/habitat tree(s); and
- (c) the location and date where relocated fauna was released, recorded using a Global Positioning System (GPS) unit set to Geocentric Datum Australia 1994 (GDA94), expressing the geographical coordinates in Eastings and Northings.

4. Reporting

- (a) The Permit Holder must provide to the CEO, on or before 30 June of each year, a written report of records required under condition 3 of this Permit and activities done by the Permit Holder under this Permit between 1 January and 31 December of the preceding year.
- (b) Prior to 12 May 2012 the permit holder must provide to the CEO a written report of records required under condition 3 of this Permit where these records have not already been provided under condition 4 (a) of this Permit.

Definitions

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

fauna clearing person means a person who has obtained a licence from the Department, issued pursuant to the *Wildlife Conservation Regulations 1970* authorising them to take fauna;

fauna specialist means a person with training and specific work experience in fauna identification or faunal assemblage surveys of Western Australian fauna; and

habitat tree(s) means trees that have a diameter, at average adult human chest height, of greater than 70cm, with dead limbs and broken crowns that are likely to contain hollows and roosts suitable for native fauna.

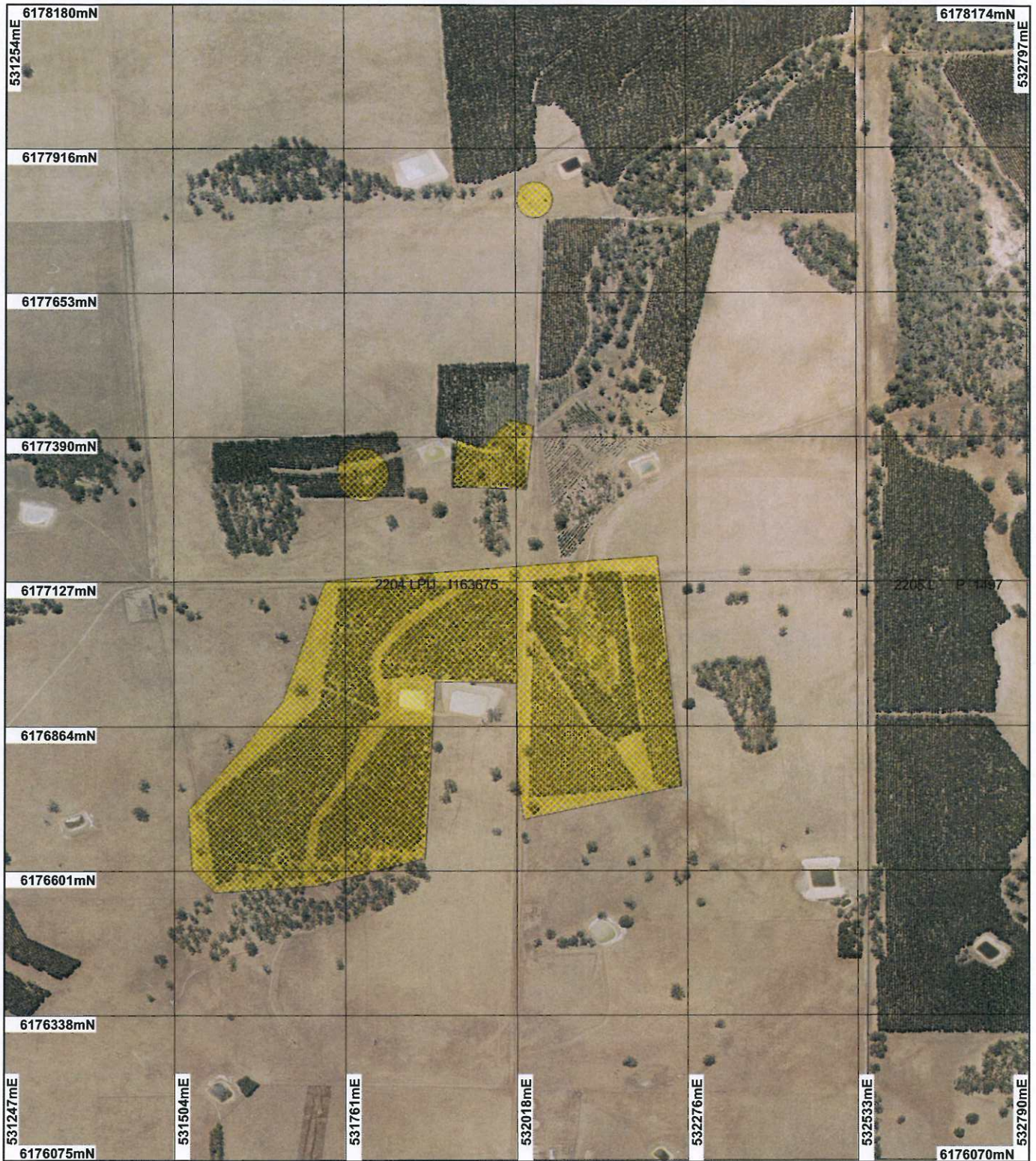


Matthew Warnock
ACTING MANAGER
NATIVE VEGETATION CONSERVATION BRANCH

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

15 July 2010

Plan 3788/1



LEGEND

□ Cadastre for labelling
Road Centrelines

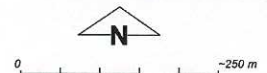
FW
HY
LRO
(cont)

LRS
MR
N
TR

Clearing Instruments

Areas Approved to Clear

Denmark 50cm Orthomosaic -
Landgate 2007



Scale 1:9212
(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 *15/7/10*
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.



Department of
Environment and Conservation

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* Project Data is denoted by asterisk. This data has not been quality assured. Please contact map author for details.



1. Application details

1.1. Permit application details

Permit application No.: 3788/1
Permit type: Area Permit

1.2. Proponent details

Proponent's name: Stuart Edward and Peta Maree Irwin

1.3. Property details

Property: LOT 2204 ON PLAN 206512 (House No. 1242 KWORNICUP PERILLUP 6324)
LOT 2204 ON PLAN 206512 (House No. 1242 KWORNICUP PERILLUP 6324)
LOT 2204 ON PLAN 206512 (House No. 1242 KWORNICUP PERILLUP 6324)

Local Government Area:

Colloquial name:

1.4. Application

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

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: 3: (37 trees) medium forest; Eucalyptus marginata (Jarrah) - Corymbia calophylla (Marri).	The proposal is to clear 37 dead native trees in a ~ 27ha area used as a Blue Gum Plantation for the purpose of hazard reduction from falling limbs.	Completely Degraded: No longer intact; completely/almost completely without native species (Keighery 1994)	The condition of the vegetation was established through aerial photography and a site visits undertaken by DEC officer on the 7 July 2010 (DEC 2010).
972: (3 trees) medium woodland; jarrah, marri, wandoo & yate (Shepherd, 2007)			
Mattiske Vegetation Complex: BEy2: Open forest of Eucalyptus marginata subsp. marginata-Corymbia calophylla-Banksia grandis on undulating uplands in humid and subhumid zones.	The vegetation under application consists of large mature Marri (Eucalyptus calophylla) over pasture weeds and Blue Gum samplings in a completely degraded (Keighery 1994) condition. All of the trees have died recently due to water logging and salinity that has occurred post removal of the plantation.		
SC: Woodland of Eucalyptus marginata subsp. marginata-Nuytsia floribunda on slopes and woodland of Melaleuca preissiana-Banksia littoralis on lower slopes in humid and subhumid zones.			
CM: Mosaic of woodland of Eucalyptus marginata subsp. marginata-Corymbia calophylla on slopes, and woodland of Eucalyptus occidentalis-Melaleuca cuticularis-Melaleuca raphiophylla, low woodland of Melaleuca preissiana-Banksia littoralis and tall shrublands of Melaleuca viminea on broad depressions in humid to semiarid zones.			
QN: Low woodland of Eucalyptus marginata subsp. marginata on slopes and low open woodland of Banksia littoralis-Melaleuca preissiana on broad depressions in perhumid and humid zones. (Mattiske, 1998)			

3. Assessment of application against clearing principles

(a) Native vegetation should not be cleared if it comprises a high level of biological diversity.

Comments

The vegetation under application consists of large mature Marri (*Eucalyptus calophylla*) over pasture weeds and Blue Gum samplings in a completely degraded (Keighery 1994) condition. Majority of the trees have died recently due to water logging and salinity that has occurred post removal of the plantation (DEC 2010).

No rare or priority flora, Threatened Ecological Communities or under represented vegetation communities are recorded within the application area.

Given this, and that the proposed clearing is of 37 dead Marri trees over pasture weeds, it is not considered likely for the proposed clearing to be at variance to this principle.

Methodology

References

- Keighery (1994)
- DEC (2010)
- GIS Databases
- SAC Bio Datasets (16/06/2010)

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

Comments

The amended proposal is to clear 37 dead native trees in a ~ 27ha area that was once a Blue Gum Plantation for the purpose of hazard reduction from falling limbs. The original area was for 40 trees including 3 living trees; however these have been taken out of the application by the applicant in light of the Department of Water's advice. The area under application is zoned Rural under the Shire of Plantagenet's Town Planning Scheme.

The area under application occurs within a Country Area Water Supply Act (1947) controlled catchment, the Kent River Water Reserve. Department of water records show that two clearing applications for the property were refused in July 1981 and June 1984 and subsequently CAWS Act Compensation was paid in 1985 to retain all 134 ha of native vegetation that remained on the property (DOW 2010a). As compensation has been paid the applicant requires a CAWS Act Licence to clear any living native vegetation.

Normally Department of Water would refuse any application to clear compensated vegetation; however a CAWS Licence is not required to clear dead trees, as is the case for this application. Therefore a CAWS licence is not required and the Department of Water has no position on the proposed clearing (DOW 2010a).

Methodology

References

- DOW (2010a)
- GIS Databases
- Town Planning Scheme Zones

4. References

- DOW (2010a) Advice on Clearing Application CPS 3788 ? Lot 2204 Kworncup Road, Perillup regarding Country Area Water Supply Act (1947). Department of Water. DEC ref A317052
- DEC (2010) Site Inspection Report and regional advice for Clearing Permit Application CPS 3788/1, Lot2204 Kworncup Rd, Perillup. Site inspection undertaken 7 July 2010. Department of Environment and Conservation, Western Australia (DEC ref A316035).
- 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. (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.

5. 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)