



## CLEARING PERMIT

*Granted under section 51E of the Environmental Protection Act 1986*

### PERMIT DETAILS

Area Permit Number: 5302/1  
File Number: 2011/011662  
Duration of Permit: From 18 January 2013 to 18 January 2015

### PERMIT HOLDER

Kanangra Grazing Pty Ltd

### LAND ON WHICH CLEARING IS TO BE DONE

LOT 8535 ON DEPOSITED PLAN 140392 (PERUP 6258)

### AUTHORISED ACTIVITY

The Permit Holder shall not clear more than 0.52 hectares of native vegetation within the area hatched yellow on attached Plan 5302/1.

### CONDITIONS

#### 1. Dieback and 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* and *dieback*:

- (a) clean earth-moving machinery of soil and vegetation prior to entering and leaving the area to be cleared;
- (b) shall only move soils in *dry conditions*;
- (c) ensure that no *dieback* or *weed*-affected soil, *mulch*, *fill* or other material is brought into the area to be cleared; and
- (d) 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:

*dieback* means the effect of *Phytophthora* species on native vegetation;

*dry conditions* means when soils (not dust) do not freely adhere to rubber tyres, tracks, vehicle chassis or wheel arches;

*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; and

*weeds/s* means any plant -

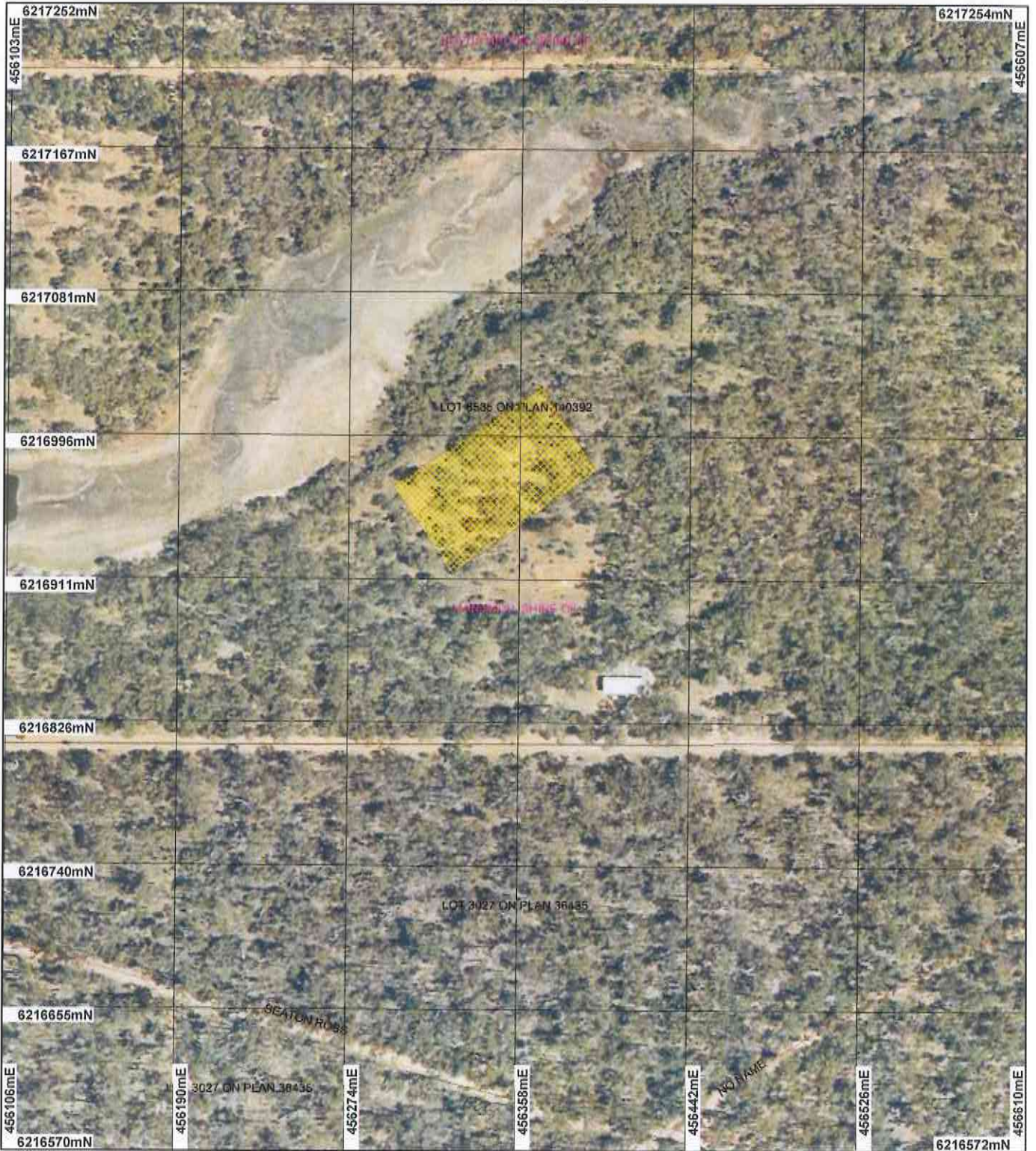
- (a) that is declared under the section 37 of the *Agriculture and Related Resources Protection Act 1976*;  
or
- (b) published in the Department of Environment and Conservation Regional Weed Assessments, regardless of ranking; or
- (c) not indigenous to the area concerned.

M Warnock  
A/MANAGER  
NATIVE VEGETATION CONSERVATION BRANCH

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

27 December 2012

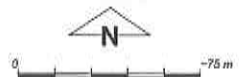
# Plan 5302/1



## LEGEND

- Local Government Authorities
- Cadastre\_1
- Road Centrelines
- Clearing Instruments
- Areas Authorised to Clear

Tonebridge 50cm  
Orthomosaic - Landgate  
2004



Scale 1:3000  
(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 27/12/12

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.: 5302/1  
Permit type: Area Permit

### 1.2. Proponent details

Proponent's name: Kanangra Grazing Pty Ltd

### 1.3. Property details

Property: LOT 8535 ON PLAN 140392 ( PERUP 6258)  
Local Government Area: Shire of Manjimup  
Colloquial name:

### 1.4. Application

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

### 1.5. Decision on application

Decision on Permit Application: Grant  
Decision Date: 27 December 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 vegetation under application is mapped as:  Beard Vegetation Association 3: medium forest of jarrah and marri (Shepherd et al., 2001);  Mattiske Complexes Carburnup: and Bevan 2: Open forest to woodland of Eucalyptus marginata subsp. marginata with some Corymbia calophylla on lateritic uplands to Woodland of Eucalyptus marginata subsp. marginata-Corymbia calophylla and low woodland of Melaleuca preissiana-Banksia littoralis on the slopes (Mattiske et al 1998).	The proposal is to clear up to 0.52 hectares of native vegetation within Lot 8535 on Plan 140392, Perup, for the purpose of creating a building envelope.  The application area predominately consists of Wandoo with some Jarrah, and grass tree in the middle storey and very little Acacia pulchella as groundcover (DEC, 2012).	Good: Structure significantly altered by multiple disturbance; retains basic structure/ability to regenerate (Keighery 1994).	Vegetation condition obtained from Department of Environment and Conservation site inspection undertaken November 2012 (DEC, 2012).

## 3. Assessment of application against clearing principles

### Comments

The application is to clear up to 0.52 hectares of native vegetation within Lot 8535 on Plan 140392, Perup, for the purpose of creating a building envelope.

The previously disturbed vegetation, comprising of approximately 20 year re-growth, is considered to be in a good (Keighery, 1994) condition and consists of an open wandoo - jarrah woodland, with scattered Xanthorrhoea preissii and Acacia pulchella with scattered groundcover (DEC, 2012).

The local area (10km radius) is well vegetated with the Shire of Manjimup retaining approximately 84 per cent of the Pre-European vegetation extent (Government of Western Australia, 2011).

No rare or priority flora species or threatened ecological communities are known from the application area.

Whilst the vegetation under application may provide habitat for indigenous fauna, better and more robust vegetation and habitat exists in the adjoining nature reserves and local area. A site inspection (DEC, 2012) determined that the trees are too young to have developed nesting hollows and that the sparse understorey may not be suitable habitat for ground dwelling fauna (e.g. numbats and chuditch). Hence the proposed clearing would not have a detrimental impact on fauna habitat or be considered an area of high biodiversity.

A perennial lake occurs approximately 30m north of the application area. No wetland dependant vegetation was observed within the application area (DEC, 2012).

The application area lies within Zone A of the Warren River Water Reserve which is subject to the Country Areas Water Supply Act 1947 (CAWS Act). This area is a high salinity risk part of the catchment, where salinisation of water resources could result should further vegetation clearing occur. Also, the CAWS Act provides that native vegetation should be retained on at least 10 per cent of the holding area. Currently the Kanangra holding, including Lot 8535, retains only 8.7 per cent vegetation (DoW, 2012).

Department of Water (DoW) have advised that a CAWS Act licence may be granted given the proposed small clearing area (0.52ha), the relatively sparse vegetation cover under application and because Lot 8535 lacks any other suitable cleared area where a residence could be constructed.

The assessment of the application identified that the clearing is not likely to be at variance to any of the clearing principles. As the application area is surrounded by vegetation in good (Keighery 1994) or better condition, weed and dieback management measures will be required to reduce the impact of the clearing on the surrounding area.

#### Methodology

##### References

- DoW (2012a)
- DoW (2012b)
- DEC (2012)
- Government of Western Australia (2011)
- Keighery (1994)

##### GIS databases:

- Hydrography, linear
- Pre-European vegetation
- SAC Bio datasets (Accessed 14/11/2012)
- DEC Tenure
- Groundwater Salinity, Statewide
- CAWSA Part IIA Clearing Control Catchment (Zone)

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

#### Comments

The greatest impact on water quality from the proposed clearing and development will be the proposed wastewater system (DoW, 2012b). To mitigate these impacts, the applicant has advised that the building envelope will be setback 30m from a mapped underground stream and between 18 and 60m from the existing dam. In addition, wastewater will be managed using an alternative treatment unit and no surface water will be diverted (Fellows, 2012).

Department of Water (DoW) have advised that since the native vegetation on Lot 8535 has been subject to the payment of compensation a CAWS Act licence is required before any clearing may be undertaken (DoW, 2012a). A CAWS Act Licence has been granted on the 17 December 2012. This licence has conditions for the applicant to revegetated 1 hectare with deep rooted native flora species.

Planning approval from the Shire of Manjimup is not required (Shire of Manjimup, 2012).

No submissions from the public have been received.

#### Methodology

##### References

- DoW (2012b)
- Shire of Manjimup (2012)

##### GIS databases:

- CAWSA Part IIA Clearing Control Catchment (Zone)
- Hydrographic, linear
- Groundwater Salinity, Statewide

#### 4. References

- DEC (2012) Site Inspection Report for Clearing Permit Application CPS 5298/1, Mungilup Road Reserve, Wellington Forest. Site inspection undertaken 12/11/2012. Department of Environment and Conservation, Western Australia. DEC Ref. A567830.
- DoW (2012a) CPS 5302 Clearing Application, Kanangra Grazing, Lot 8535 Perup. DEC Ref. A561558.
- DoW (2012b) CPS 5302/1 Kanangra Grazing Pty Ltd ? 0.52ha Lot 8535 on Plan 140392. DEC Ref. A570260.
- Government of Western Australia (2011); 2011 Statewide Vegetation Statistics incorporating the CAR Reserve Analysis (Full Report). WA Department of Environment and Conservation, Perth.
- 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.
- Shire of Manjimup (2012) –Exemption of Planning Approval - Lot 8535, Deposited Plan 140392, Volume 2079 Folio 568. DEC Ref A579068.
- Western Australian Herbarium (1998-) FloraBase - The Western Australian Flora. Department of Environment and Conservation. <http://florabase.dec.wa.gov.au/> (Accessed January 2012).

#### 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)