



## CLEARING PERMIT

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

### PERMIT DETAILS

Area Permit Number: 6096/1  
File Number: DER2014/001007-1  
Duration of Permit: 19 July 2014 to 19 July 2016

### PERMIT HOLDER

Morris Phillip Mills  
Kathleen Ruth Mills

### LAND ON WHICH CLEARING IS TO BE DONE

Lot 10106 on Deposited Plan 203880, Channybearup

### AUTHORISED ACTIVITY

The Permit Holder shall not clear more than 3.6 hectares of native vegetation within the area hatched yellow on attached Plan 6096/1.

### 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) ensure that no *dieback* or *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:

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

*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;

*weed/s* means any plant -

- (a) that is a declared pest under section 22 of the *Biosecurity and Agriculture Management Act 2007*; or
- (b) published in a Department of Parks and Wildlife Regional Weed Rankings Summary, regardless of ranking; or
- (c) not indigenous to the area concerned.

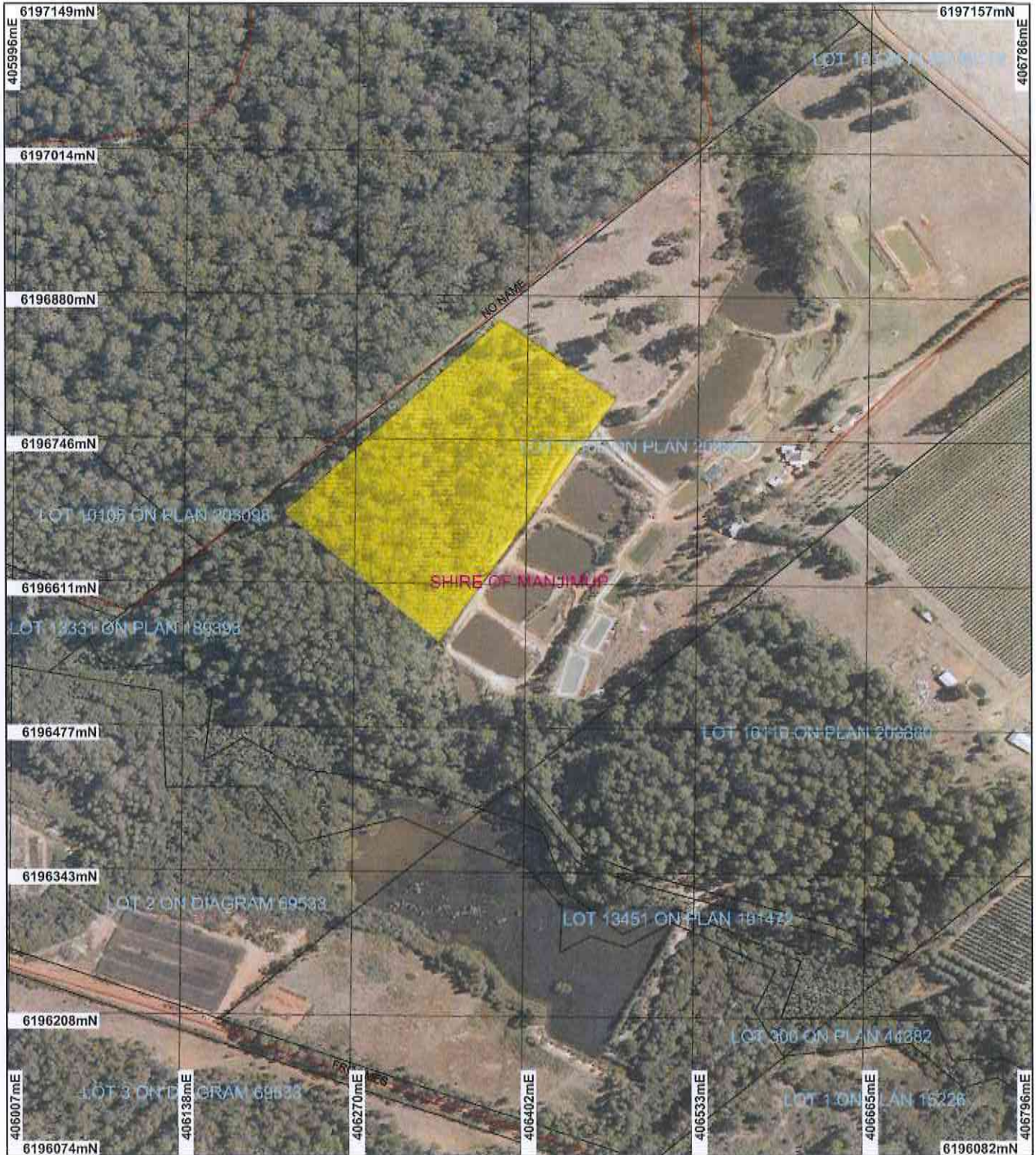
A handwritten signature in cursive script, appearing to read "M Warnock".

M Warnock  
SENIOR MANAGER  
CLEARING REGULATION

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

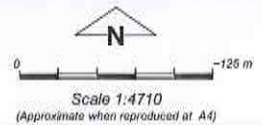
19 June 2014

# Plan 6096/1



## LEGEND

-  Road Centrelines
-  Areas Approved to Clear
-  Cadastre
-  Local Government Authorities
-  Donnelly 50cm Orthomosaic - Landgate 2007



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 19/6/14

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.



# Clearing Permit Decision Report

Government of Western Australia  
Department of Environment Regulation

## 1. Application details

### 1.1. Permit application details

Permit application No.: 6096/1  
Permit type: Area Permit

### 1.2. Proponent details

Proponent's name: MR Morris Mills

### 1.3. Property details

Property: LOT 10106 ON PLAN 203880 (House No. 107 BAMESS CHANNYBEARUP 6260)  
Local Government Area: Shire of Manjimup  
Colloquial name:

### 1.4. Application

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

### 1.5. Decision on application

Decision on Permit Application: Grant  
Decision Date: 19 June 2014

## 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
<p>Mapped Beard vegetation association:</p> <p>3 (90%): Medium forest; jarrah-marri</p> <p>1144 (5%): Tall forest; karri &amp; marri (<i>Corymbia calophylla</i>) (Shepherd et al. 2001).</p>	<p>The application is to clear 3.60 hectares of native vegetation within Lot 10106 on Deposited Plan 203880, Channybearup, for the purpose of planting avocado trees.</p>	<p>Good: Structure significantly altered by multiple disturbance; retains basic structure/ability to regenerate (Keighery 1994)</p>	<p>Vegetation condition was determined by a site visit by Department of Environment Regulation officers.</p>
<p>Mapped Mattiske Vegetation association:</p> <p>WH1 (Wheatley) (95%): Tall open forest of <i>Eucalyptus diversicolor</i>-<i>Corymbia calophylla</i> on slopes and tall open forest of <i>Eucalyptus patens</i> on valley floor in perhumid and humid zones.</p> <p>PM1 (Pemberton) (5%): Tall open forest of <i>Eucalyptus diversicolor</i> with mixtures of <i>Corymbia calophylla</i> on valley slopes and low forest of <i>Agonis juniperina</i>-<i>Banksia seminuda</i>-<i>Callistachys lanceolata</i> on valley floors in the perhumid zone. (Mattiske and Havel 1998).</p>		<p>To</p> <p>Very Good: Vegetation structure altered; obvious signs of disturbance (Keighery 1994)</p>	

## 3. Assessment of application against clearing principles

### Comments

Application CPS 6096/1 is to clear 3.60 hectares of native vegetation within Lot 10106 on Deposited Plan 203880, Channybearup, for the purpose of planting avocado trees.

The application area has previously been logged and cleared circa 1986 (Commissioner of Soil and Land Conservation 2014). The application area comprises regrowth Karri (*Eucalyptus diversicolor*), Jarrah (*Eucalyptus marginata*) and Marri (*Corymbia calophylla*). The overstorey consists of approximately 50 percent Blue gums. The application area has a diverse middle storey and understorey consisting of regenerated species, Woolly Bush, *Kunzea* and *Acacia* species. Sedges were identified along the southern boundary of the application area (DER 2014).

Three priority flora species are mapped within the local area (10 kilometre radius). Only two of these, both Priority 3 species, are mapped within the same soil type and vegetation association as the north eastern portion (approximately 10 percent) of the application area. Priority 3 species are generally known from collections from several different localities not under imminent threat (Smith 2012). The nearest of these two species is approximately nine kilometres from the application area. No threatened flora species are recorded within the local area.

No trees with hollows suitable for breeding habitat by the black cockatoo species were identified within the application area (DER 2014).

No priority or threatened ecological communities are mapped within the local area.

The local area surrounding the application area is highly vegetated with approximately 80 percent of its pre-European extent remaining.

Given the above, the proposed clearing area is unlikely to comprise a high level of biological diversity or be necessary for the continued existence of rare flora or a threatened ecological community. It does not serve as a significant remnant of native vegetation and its clearing is not likely to have a detrimental impact on fauna habitat.

The application area is adjacent to the Donnelly State Forest. It is situated downslope of the conservation area, therefore impacts on the environmental values are expected to be minimal. However, weed and dieback management practices are recommended to minimise potential impacts.

A minor, perennial watercourse once ran alongside the southeast boundary of the application area. This watercourse has now been dammed. Given this, and the presence of sedges, the clearing may impact on riparian vegetation. Impacts on surface water, such as siltation and increased turbidity, are likely to be minimal and short-term.

The slopes on the site are in the 21-30 percent range, the subject land occupying the upper slope and mid positions in the landscape. The application site is situated near the 1200 millimetre isohyet. Despite these factors, the Commissioner of Soil and Land Conservation (2014) advises that given the soil type (loamy gravels and loamy earths) and with adequate pasture cover, risks of land degradation caused by wind or water erosion, eutrophication, flooding or waterlogging is low.

Considering the above, the application may be at variance to clearing principles (f), (h) and (i) and is not likely to be at variance to the remaining clearing principles.

#### Methodology

##### References:

- Commissioner of Soil and Land Conservation (2014)
- DER (2014)
- Smith (2012)
- Government of Western Australia (2013)

##### GIS Datasets:

- DPaW tenure
- Hydrography, linear
- Matiske Vegetation
- NWLRA, Extent of Native Vegetation
- Pre-European vegetation
- SAC Biodatasets - accessed June 2014

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

#### Comments

Should the proponent require additional water, their licence 'to take' surface water will need to be amended to include horticulture (DoW 2014a).

The application area is within the land use of 'Priority Agriculture' according to the Town Planning Scheme Zones. The purpose of the clearing does not require government planning approval (Shire of Manjimup 2014).

The application area falls within the Warren River Water Reserve, a priority not assigned Public Drinking Water Source Area, and Warren River and Tributaries Surface Water Area. The Department of Water (DoW) has identified increased nutrient, herbicide and pesticide input as potential risks associated with the proposed landuse and advocates that the proponent employs measures to minimise these risks, consistent with the Department's 'Water Quality Protection Note 34 - Orchards Near Sensitive Water Resources'. The DoW also recommends the proponent follows the advice provided in its 'State-wide Policy No. 2 - Pesticide use in PDWSA' (DoW 2014a).

The Warren River Water Reserve catchment is subject to the Country Areas Water Supply Act 1947 (CAWS

Act) native vegetation clearing controls. Department of Water records and imagery indicate that over 10 percent of native vegetation will remain within the applicant's holding following the proposed clearing, therefore the DoW has no objections to the application (DoW 2014b).

**Methodology**

References:

- DoW (2014a)
- DoW (2014b)
- Shire of Manjimup (2014)

GIS Datasets:

- CAWSA Part IIA Clearing Control Catchments
- Public Drinking Water Source Areas
- Town Planning Scheme Zones

#### **4. References**

- Commissioner of Soil and Land Conservation (2014) Advice received in relation to clearing permit application CPS 6096/1, received 10 June 2014. Department of Agriculture and Food, Western Australia (DER Ref: A767571).
- DER (2014) Site visit report for clearing permit application CPS 6096/1, 4 June 2014. Department of Environment Regulation, Western Australia (DER Ref: A768125).
- DoW (2014a) Advice received in relation to clearing permit application CPS 6096/1, received 30 May 2014. Department of Water, Western Australia (DER Ref: A765547).
- DoW (2014b) Advice received in relation to clearing permit application CPS 6096/1, received 15 April 2014. Department of Water, Western Australia (DER Ref: A759372).
- Government of Western Australia (2013) 2012 Statewide Vegetation Statistics incorporating the CAR Reserve Analysis (Full Report). Current as of October 2012. 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.
- 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. Technical Report 249. Department of Agriculture Western Australia, South Perth.
- Shire of Manjimup (2014) Advice received in relation to clearing permit application CPS 6096/1 received 12 May 2014. Shire of Manjimup (DER Ref: A757603).
- Smith, M.G. (2012) Threatened and Priority Flora List for Western Australia. WA Department of Environment and Conservation, Perth.