



## CLEARING PERMIT

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

<b>Purpose Permit number:</b>	CPS 5434/1
<b>Permit Holder:</b>	Colin William Fleay
<b>Duration of Permit:</b>	29 March 2013 to 29 March 2018

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 *apiary site* maintenance.

#### 2. Land on which clearing is to be done

Apri Site	Dec District	Local Government	Latitude	Longitude	Land Tenure
101	Perth Hills	Land Act Reserve (Other) 430 - Rest Area & Govt Req. Department of Main Roads. Agency - Commissioner of Main Roads.	116.40	-31.64	Shire of Toodyay
102	Perth Hills	WOONDOWING Nature Reserve - 14275 - Conservation of Flora and Fauna - CCWA	116.38	-31.73	Shire of Northam
174	MOORA	NILGEN Nature Reserve 31781 - Conservation of Flora and Fauna - CCWA	115.30	-30.94	Shire of Gingin
335	Perth Hills	STATE FOREST 22 - CCWA	116.06	-32.24	Shire of Serpentine-Jarrahdale
338	Perth Hills	STATE FOREST 14 - CCWA	115.98	-32.81	Shire of Waroona
352	Perth Hills	Land Act Reserve Unvested 29100 - Buffer Strip	116.34	-31.26	Shire of Toodyay
560	Perth Hills	Timber Reserve 148/25 - CCWA	116.48	-32.93	Shire of Boddington
630	Great Southern	Land Administration Act - Unallocated Crown Land (UCL)	116.98	-32.44	Shire of Brookton
631	Great Southern	Land Administration Act - Unallocated Crown Land (UCL)	116.96	-32.46	Shire of Brookton
772	MOORA	Land Administration Act - Special Lease - Lancelin Bombing Range - Department of Defence	115.34	-30.91	Shire of Gingin

Apry Site	Dec District	Local Government	Latitude	Longitude	Land Tenure
773	MOORA	NILGEN Nature Reserve 31781 - Conservation of Flora and Fauna – CCWA	115.34	-30.94	Shire of Gingin
877	MOORA	WANAGARREN Nature Reserve 31675 -Conservation of Flora and Fauna - CCWA	115.25	-30.76	Shire of Dandaragan
1805	Perth Hills	STATE FOREST 61 (Proposed CP) - CCWA	116.35	-31.29	Shire of Toodyay
1846	MOORA	UNNAMED CONSERVATION PARK 41986 - CCWA	115.45	-30.57	Shire of Dandaragan
1847	MOORA	Land Administration Act - Unallocated Crown Land (UCL)	115.33	-30.63	Shire of Dandaragan
1987	Central Wheatbelt	Land Act Reserve Unvested 29100 - Buffer Strip	116.34	-31.24	Shire of Toodyay
2554	MOORA	Land Administration Act - Unallocated Crown Land (UCL)	115.31	-30.63	Shire of Dandaragan
2579	MOORA	Land Administration Act - Unallocated Crown Land (UCL)	115.31	-30.61	Shire of Dandaragan
2599	MOORA	BADGINGARRA NATIONAL PARK - CCWA	115.46	-30.55	Shire of Dandaragan
2873	Perth Hills	STATE FOREST 61 (Proposed CP) - CCWA	116.35	-31.32	Shire of Toodyay
2900	MOORA	Beekeepers Nature Reserve 24496 - Protection of Flora - CCWA	115.00	-29.71	Shire of Carnamah
3476	Central Wheatbelt	Land Act Reserve Unvested 29100 - Buffer Zone	116.30	-31.15	Shire of Victoria Plains
4369	MOORA	Land Administration Act - Special Lease - Lancelin Bombing Range - Department of Defence	115.29	-30.81	Shire of Dandaragan
4456	MOORA	Beekeepers Nature Reserve 24496 - Protection of Flora - CCWA	114.98	-30.01	Shire of Coorow
4466	Perth Hills	STATE FOREST 22 - CCWA	116.10	-32.37	Shire of Serpentine-Jarrahdale
4467	Perth Hills	STATE FOREST 22 - CCWA	116.10	-32.38	Shire of Serpentine-Jarrahdale
4468	Perth Hills	STATE FOREST 22 - CCWA	116.08	-32.36	Shire of Serpentine-Jarrahdale
4469	Perth Hills	STATE FOREST 22 - CCWA	116.09	-32.35	Shire of Serpentine-Jarrahdale
4594	Perth Hills	STATE FOREST 22 - CCWA	116.13	-32.37	Shire of Serpentine-Jarrahdale
4861	MOORA	Land Administration Act - Special Lease - Lancelin Bombing Range - Department of Defence	115.32	-30.92	Shire of Gingin
5441	MOORA	Nature Reserve 33287 - Conservation of Flora and Fauna - CCWA	115.12	-30.32	Shire of Dandaragan
5442	MOORA	Nature Reserve 33287 Conservation of Flora and Fauna - CCWA	115.14	-30.31	Shire of Dandaragan

Apri Site	Dec District	Local Government	Latitude	Longitude	Land Tenure
5455	Kalgoorlie	Scahill Timber Reserve - 19621 - CCWA	121.20	-31.15	Shire of Coolgardie
5515	Central Wheatbelt	Land Act Reserve Unvested 28905 -	116.37	-31.21	Shire of Victoria Plains
5531	MOORA	NILGEN Nature Reserve - 31781 Conservation of Flora and Fauna - CCWA	115.32	-30.96	Shire of Gingin
5684	Kalgoorlie	Scahill Timber Reserve - 19621 - CCWA	121.20	-31.09	Shire of Coolgardie
5685	Kalgoorlie	Scahill Timber Reserve - 19621 - CCWA	121.20	-31.12	Shire of Coolgardie
5841	Swan Coastal	STATE FOREST 65 - CCWA	115.46	-31.11	Shire of Gingin
5862	Moora	Wanagarren Nature Reserve - 31675 -Conservation of Flora and Fauna - CCWA	115.28	-30.79	Shire of Dandaragan

### 3. Area of clearing

- (a) The Permit Holder must not clear more than 1.95 hectares of native vegetation in total.
- (b) The Permit Holder must not clear more than 0.05 hectares for each of the *apiary sites* described in condition 2 of this Permit.
- (c) The clearing described in condition 3(a) of this Permit may only occur within a 2,000 metre radius of the coordinates of each *apiary site* described in condition 2 of this Permit, subject to the Permit Holder having the power to clear native vegetation for those activities under any written law.

### 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. Type of clearing authorised

This Permit authorises the Permit Holder to clear native vegetation within *apiary sites* described in condition 2 and the type of clearing in condition 3 of this Permit to the extent of activities permitted under an authority granted to the Permit Holder under Part 8A of the *Conservation and Land Management Regulations 2002*.

### 6. Clearing not authorised

This Permit does not authorise the Permit Holder to clear trees that have a diameter, at average adult human chest height, of 10cm or greater.

### 7. Compliance with Assessment Sequence and Management Procedures

Prior to clearing any native vegetation under conditions 1, 2 and 3 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

### **8. 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.

### **9. Method of clearing**

- (a) The Permit Holder must comply with the directions of the relevant District Apiary Officer of the Department of Environment and Conservation prior to undertaking clearing within *apiary sites* described in condition 2 of this Permit.
- (b) The permit holder may only clear native vegetation using minimal impact methods, such as hand mowers or raking.

### **10. 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.

## PART III – RECORD KEEPING AND REPORTING

### **11. Records must be kept**

The Permit Holder must maintain the following records in relation to the clearing of native vegetation authorised under this Permit:

- (a) the location where the clearing occurred, recorded using a Global Positioning System (GPS) unit set to Geocentric Datum Australia 1994 (GDA94), expressing the geographical coordinates in Eastings and Northings and/or decimal degrees;
- (b) the date that the area was cleared; and
- (c) the size of the area cleared (in hectares).

### **12. Reporting**

- (a) The Permit Holder must provide to the CEO on or before 30 June of each year, a written report:
  - (i) of records required under condition 11 of this Permit; and
  - (ii) concerning activities done by the Permit Holder under this Permit between 1 January to 31 December of the preceding calendar year.
- (b) If no clearing authorised under this Permit was undertaken between 1 January to 31 December of the preceding calendar year, a written report confirming that no clearing under this permit has been carried out, must be provided to the CEO on or before 30 June of each year.
- (c) Prior to 29 December 2017, the Permit Holder must provide to the CEO a written report of records required under condition 11 of this Permit where these records have not already been provided under condition 12(a) of this Permit.

## Definitions

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

*apiary site/s* means the land specified in an apiary authority as the land to which an apiary licence granted under Part VIII Division 2 of the CALM Act, or an apiary permit granted under Part VIII Division 1 of the CALM Act;

**CALM Act** means the *Conservation and Land Management Act 1984*;

*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

*weed/s* means a species listed in Appendix 3 of the "Environmental Weed Strategy" published by the Department of Conservation and Land Management (1999), and plants declared under section 37 of the *Agriculture and Related Resources Protection Act 1976*.



M Warnock  
A/MANAGER  
NATIVE VEGETATION CONSERVATION BRANCH

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

7 March 2013



## 1. Application details

### 1.1. Permit application details

Permit application No.: 5434/1  
Permit type: Purpose Permit

### 1.2. Proponent details

Proponent's name: Colin William Fleay

### 1.3. Property details

Property: Various Properties  
Local Government Area: Shire of Boddington, Shire of Brookton, Shire of Carnamah, Shire of Coolgardie, Shire of Coorow, Shire of Dandaragan, Shire of Gingin, Shire of Northam, Shire of Serpentine-Jarrahdale, Shire of Toodyay, Shire of Victoria Plains and Shire of Waroona.

Colloquial name:

### 1.4. Application

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

### 1.5. Decision on application

Decision on Permit Application: Grant  
Decision Date: 7 March 2013

## 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 areas under application fall within various vegetation associations between Geraldton and Albany.	The proposed clearing may impact up to approximately 0.05 hectares of regrowth within each of the 39 apiary sites, totalling 1.95 ha.	Excellent: Vegetation structure intact; disturbance affecting individual species, weeds non-aggressive (Keighery 1994)	The vegetation condition was ascertained through aerial imagery.
	The proposed maintenance clearing affects a variety of vegetation associations and classifications.	To Degraded: Structure severely disturbed; regeneration to good condition requires intensive management (Keighery 1994)	

## 3. Assessment of application against clearing principles

### Comments

The application is for the proposed clearing of up to 1.95 hectares of native vegetation over 39 apiary sites within properties, State Forests, Timber Reserves, Crown Leases, Crown Reserves and unallocated Crown land parcels in the Shires of Boddington, Brookton, Carnamah, Coolgardie, Coorow, Dandaragan, Gingin, Northam, Serpentine-Jarrahdale, Toodyay, Victoria Plains and Waroona. The apiary sites are located within areas previously used for beekeeping and within areas permitted under the Conservation and Land Management Act 1984 (CALM Act).

Clearing may be in the form of either pruning, scrub rolling or slashing vegetation. If any maintenance is required, up to approximately 0.05 hectares may be necessary per site for access or placement of beehives. Clearing for a firebreak may also be required and has been factored into the 0.05 hectares.

Several apiary sites occur within close proximity (within one kilometre) to either rare or priority listed flora species and three fall within close proximity to a Threatened Ecological Community (TEC). However, given the minor maintenance and low impact nature of the proposed works (pruning), the application is unlikely to have any detrimental environmental impact on rare or priority listed flora species or TECs. As the apiary sites have been previously cleared they are also unlikely to contain a high level of biodiversity.

Seven of the application sites fall within 200 metres of a watercourse or wetlands. The application therefore may involve clearing wetland dependent vegetation however; given the small scale of the proposed

maintenance work the impacts are likely to be minimal.

Several apiary sites are located within Department of Environment and Conservation (DEC) managed estate. Although the small scale of the proposed maintenance work within each apiary site is not expected to have an impact on the biodiversity values of these conservation areas, accessing and working within the sites may aid in the spread of weeds and dieback through these reserves. Hygiene management practises will limit this risk.

Given that the apiary sites are located within areas previously used for beekeeping and the small scale of maintenance within each apiary site, the proposed clearing is not expected to have an impact on significant fauna habitat, is not likely to be considered a significant remnant within a highly cleared landscape, impact the incidence or intensity of flooding, cause degradation to surface or ground water or contribute to land degradation.

The application may be at variance to clearing principles (f) and (h) and is not likely to be at variance to the remaining clearing principles.

**Methodology** GIS Data Sets:  
- DEC Tenure  
- Hydrography, linear (hierarchy)  
- SAC biodatasets (accessed February 2013)

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

#### **Comments**

Apiarists prefer, and attempts are made by them, to use existing cleared areas and tracks for access (such as firebreaks) and keep any maintenance to a minimum. However, in some areas sites may not have been visited for a number of years and clearing of regrowth may be required.

Apiary authorities are granted under the Conservation and Land Management Act 1984. As part of the process, authority to access lands is obtained from the relevant land managers. Therefore from a clearing application perspective the apiary authority represents the necessary land access authority.

Standard apiary permit conditions (DEC, 2011) state, in part, the apiarist must liaise with the local Department of Environment and Conservation apiary officer to gain final approval prior to using / entering the nominated site. If the site is no longer suitable for bee hive use, the local DEC officer can request the apiarist to relocate.

**Methodology** References  
- DEC (2011)

## **4. References**

DEC (2011) Standard Apiary Site Conditions. Department of Environment and Conservation, Kensington (DEC Ref:A443833)

Keighery, B.J. (1994) Bushland Plant Survey: A Guide to Plant Community Survey for the Community. Wildflower Society of WA (Inc). Nedlands, Western Australia.

## **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