



## CLEARING PERMIT

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

<b>Purpose Permit number:</b>	CPS 5209/1
<b>Permit Holder:</b>	Nelson John Fewster Kerry Dawn Fewster Stephen John Fewster
<b>Duration of Permit:</b>	9 November 2012 to 9 November 2017

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

Apiary Site no.	Local Government Authority	DEC District	Land Tenure	Longitude	Latitude
125	Shire of Coolgardie	KALGOORLIE	Yallari Timber Reserve 19212 - Timber - CCWA	121.339	-31.0921
126	Shire of Coolgardie	KALGOORLIE	Yallari Timber Reserve 19212 - Timber - CCWA	121.3552	-31.1078
177	Shire of Beverly	Perth Hills	STATE FOREST 13 - CCWA	116.3914	-32.2239
405	Shire of Manjimup	Donnelly	STATE FOREST 36 - CCWA	116.0506	-34.3386
546	Shire of Manjimup	Donnelly	STATE FOREST 38 - CCWA	116.3219	-34.4504
572	Shire of Manjimup	Donnelly	STATE FOREST 38 - CCWA	116.3421	-34.4731
1080	Shire of Harvey	Wellington	STATE FOREST 15 - CCWA	116.0732	-33.1855

1081	Shire of Harvey	Wellington	STATE FOREST 15 - CCWA	116.1083	-33.1086
1210	Shire of Beverly	Perth Hills	STATE FOREST 13 - CCWA	116.4192	-32.1282
1345	Shire of Collie	Wellington	STATE FOREST 15 - CCWA	116.0688	-33.2353
1437	Shire of Toodyay	Perth Hills	STATE FOREST 61 (Proposed CP) - CCWA	116.38	-31.4051
1590	Shire of Yilgarn	Central Wheatbelt	Land Administration Act - Unallocated Crown Land (UCL)	119.5066	-31.467
1591	Shire of Yilgarn	Central Wheatbelt	Land Act Reserve (Unvested) 12421 - Water Catchment Area	119.5399	-31.4877
1592	Shire of Yilgarn	Central Wheatbelt	Land Administration Act - Unallocated Crown Land (UCL)	119.5825	-31.5075
1663	Shire of Yilgarn	Central Wheatbelt	Land Administration Act - Unallocated Crown Land (UCL)	119.6333	-31.5083
1664	Shire of Yilgarn	Central Wheatbelt	Land Act Reserve Unvested 10552 - Common	119.578	-31.6362
1665	Shire of Yilgarn	Central Wheatbelt	Land Administration Act - Unallocated Crown Land (UCL)	119.5047	-31.5903
1838	Shire of Coolgardie	KALGOORLIE	Land Administration Act - BULLABULLING pastoral lease - Pastoral Lands Board	121.081	-31.005
1839	Shire of Coolgardie	KALGOORLIE	Timber Reserve 198/25 - CCWA	121.1232	-30.9966
1855	Shire of Dandaragan	MOORA	Southern Beekeepers Reserve 36053 - Apiculture and Conservation of Flora - CCWA	115.1393	-30.4865
1856	Shire of Dandaragan	MOORA	Southern Beekeepers Reserve 36053 - Apiculture and Conservation of Flora - CCWA	115.1613	-30.5106

1918	Shire of York	Perth Hills	STATE FOREST 13 - CCWA	116.4519	-31.9773
1919	Shire of York	Perth Hills	STATE FOREST 13 - CCWA	116.4498	-31.9971
1920	Shire of Beverly	Perth Hills	STATE FOREST 13 - CCWA	116.4038	-32.1203
1921	Shire of Dandaragan	MOORA	Local Government Reserve - Shire of Dandaragan - Reserve 35408 - Aerial Landing Ground	115.0541	-30.3095
1922	Shire of Dandaragan	MOORA	Southern Beekeepers Reserve 36053 - Apiculture and Conservation of Flora - CCWA	115.1179	-30.426
1967	Shire of Gingin	Swan Coastal	STATE FOREST 65 (Proposed NR) - CCWA	115.6945	-31.4091
1969	Shire of Gingin	Swan Coastal	STATE FOREST 65 - CCWA	115.6212	-31.3662
1970	Shire of Gingin	Swan Coastal	STATE FOREST 65 (Proposed CP) - CCWA	115.6476	-31.4059
1971	Shire of Gingin	Swan Coastal	STATE FOREST 65 - CCWA	115.6577	-31.3774
1972	Shire of Gingin	Swan Coastal	STATE FOREST 65 (Proposed 5G Reserve) - CCWA	115.6083	-31.4067
1973	Shire of Gingin	Swan Coastal	STATE FOREST 65 (Proposed NR) - CCWA	115.7378	-31.4109
1974	Shire of Gingin	Swan Coastal	MOORE RIVER NATIONAL PARK (Proposed NR) - CCWA	115.72442592600	- 31.05887488950
1975	Shire of Gingin	Swan Coastal	MOORE RIVER NATIONAL PARK (Proposed NR) - CCWA	115.7057	-31.1122
1978	Shire of Gingin	Swan Coastal	Land Administration Act - Unallocated Crown Land (UCL)	115.5624	-31.3963

1979	Shire of Gingin	MOORA	SOUTH MIMEGARRA Nature Reserve 30618 - Conservation of Flora and Fauna - CCWA	115.5186	-30.9861
1980	Shire of Dandaragan	MOORA	Land Administration Act - Unallocated Crown Land (UCL)	115.5085	-30.9305
1991	Shire of Manjimup	Donnelly	STATE FOREST 38 - CCWA	116.1947	-34.3332
1992	Shire of Manjimup	Donnelly	SIR JAMES MITCHELL NATIONAL PARK - CCWA	116.1656	-34.364
2024	Shire of Dandaragan	MOORA	Land Administration Act - Unallocated Crown Land (UCL)	115.5057	-30.902
2030	Shire of Gingin	Swan Coastal	STATE FOREST 65 - CCWA	115.6984	-31.3791
2111	Shire of Coolgardie	KALGOORLIE	Land Administration Act - Unallocated Crown Land (UCL)	121.1146	-31.1144
2200	Shire of Toodyay	Perth Hills	STATE FOREST 61 (Proposed CP) - CCWA	116.3341	-31.4108
2212	Shire of Coolgardie	KALGOORLIE	Land Administration Act - Unallocated Crown Land (UCL)	120.9647	-31.1388
2213	Shire of Coolgardie	KALGOORLIE	Land Administration Act - BULLABULLING pastoral lease - Pastoral Lands Board	120.9885	-31.1127
2214	Shire of Coolgardie	KALGOORLIE	Land Administration Act - BULLABULLING pastoral lease - Pastoral Lands Board	121.0161	-31.0846
2215	Shire of Coolgardie	KALGOORLIE	Land Administration Act - BULLABULLING pastoral lease - Pastoral Lands Board	121.0408	-31.108
2263	Shire of Yalgoo	GERALDTON	Land Act Reserve Unvested 17367 - Common	117.2026	-29.6345
2269	Shire of Harvey	Wellington	STATE FOREST 15 - CCWA	116.1357	-33.1232

2306	Shire of Harvey	Wellington	STATE FOREST 15 - CCWA	116.1084	-33.1897
2325	Shire of Toodyay	Perth Hills	STATE FOREST 61 (Proposed CP) - CCWA	116.3393	-31.3717
2358	Shire of Dandaragan	MOORA	Southern Beekeepers Reserve 36053 - Apiculture and Conservation of Flora - CCWA	115.141	-30.467
2359	Shire of Dandaragan	MOORA	Land Administration Act - Unallocated Crown Land (UCL)	115.2101	-30.4975
2449	Shire of Manjimup	Donnelly	Greater Beedelup National Park - CCWA	115.8063	-34.3646
2450	Shire of Manjimup	Donnelly	Greater Beedelup National Park - CCWA	115.8601	-34.3708
2451	Shire of Nannup	Donnelly	STATE FOREST 35 - CCWA	115.8481	-34.2645
2457	Shire of Murray	Perth Hills	STATE FOREST 14 - CCWA	116.203	-32.6158
2458	Shire of Murray	Perth Hills	STATE FOREST 14 - CCWA	116.2181	-32.6161
2550	Shire of Dandaragan	MOORA	Land Administration Act - Unallocated Crown Land (UCL)	115.2791	-30.6427
2551	Shire of Dandaragan	MOORA	Land Administration Act - Unallocated Crown Land (UCL)	115.3078	-30.6553
2552	Shire of Dandaragan	MOORA	Land Administration Act - Unallocated Crown Land (UCL)	115.3105	-30.6863
2553	Shire of Dandaragan	MOORA	Land Administration Act - Unallocated Crown Land (UCL)	115.3214	-30.7313
2678	Shire of Cuballing	Great Southern	STATE FOREST 53 - CCWA	117.0646	-32.8053
2694	Shire of Williams	Great Southern	STATE FOREST 51 - CCWA	116.9502	-32.8885

2747	Shire of Manjimup	Donnelly	STATE FOREST 36 - CCWA	116.0399	-34.3285
2748	Shire of Nannup	Donnelly	STATE FOREST 35 - CCWA	115.8159	-34.2747
2749	Shire of Manjimup	Donnelly	Greater Beedelup National Park - CCWA	115.83048829100	-34.36104388690
2752	Shire of Manjimup	Donnelly	STATE FOREST 39 - CCWA	116.1017	-34.462
2786	Shire of Manjimup	Perth Hills	Land Act Reserve (Other) 6203 Water Corporation. Water Authority of WA. Reservoir, Aquaduct Water Course and Catchment Area	116.4536	-31.8609
2787	Shire of Manjimup	Perth Hills	Land Act Reserve (Other) 6203 Water Corporation. Water Authority of WA. Reservoir, Aquaduct Water Course and Catchment Area	116.4624	-31.8761
2804	Shire of Murray	Perth Hills	STATE FOREST 14 - CCWA	116.0056	-32.5828
2805	Shire of Murray	Perth Hills	STATE FOREST 14 - CCWA	116.0102	-32.6006
2897	Shire of Manjimup	Donnelly	Greater Beedelup National Park - CCWA	115.82	-34.3385
2958	Shire of Harvey	Wellington	STATE FOREST 15 - CCWA	116.1447	-33.1041
2959	Shire of Harvey	Wellington	STATE FOREST 15 - CCWA	116.1168	-33.2189
2960	Shire of Collie	Wellington	STATE FOREST 15 (proposed Lane Poole NP) - CCWA	116.2194	-33.2365
2977	Shire of Harvey	Wellington	STATE FOREST 15 - CCWA	115.9991	-33.0341

2979	Shire of Collie	Wellington	STATE FOREST 15 - CCWA	116.2297	-33.284
2982	Shire of Collie	Wellington	STATE FOREST 15 - CCWA	116.0956	-33.2676
2983	Shire of Collie	Wellington	STATE FOREST 15 - CCWA	116.1841	-33.2675
3002	Shire of Nannup	Donnelly	Greater Beedelup National Park (Unofficial Name) - CCWA	115.7906	-34.3196
3003	Shire of Manjimup	Donnelly	Greater Beedelup National Park - CCWA	115.8053	-34.3362
3004	Shire of Manjimup	Donnelly	Greater Beedelup National Park - CCWA	115.8179	-34.3484
3090	Shire of Dandaragan	MOORA	Local Government Reserve - Shire of Dandaragan - Reserve 39126 - Abattoir and holding paddocks	115.0826	-30.2913
3091	Shire of Dandaragan	MOORA	Land Administration Act - Road Reserve (601) - Shire of Dandaragan and Main Roads Department	115.0884	-30.3351
3181	Shire of Brookton	Perth Hills	Timber Reserve 146/25 - CCWA	116.5473	-32.456
3182	Shire of Brookton	Perth Hills	Timber Reserve 146/25 - CCWA	116.5583	-32.4683
3183	Shire of Brookton	Perth Hills	Timber Reserve 146/25 - CCWA	116.5526	-32.4837
3184	Shire of Wandering	Perth Hills	Timber Reserve 146/25 - CCWA	116.5558	-32.497
3185	Shire of Brookton	Perth Hills	LUPTONS CONSERVATION PARK - CCWA	116.6438	-32.4671
3269	Shire of Dandaragan	MOORA	WATHEROO NATIONAL PARK - CCWA	115.759	-30.1605
3270	Shire of Cooroo	MOORA	WATHEROO NATIONAL PARK - CCWA	115.7979	-30.1987

3464	Shire of Murray	Perth Hills	STATE FOREST 14 - CCWA	116.0528	-32.541
3465	Shire of Murray	Perth Hills	STATE FOREST 14 - CCWA	116.0479	-32.5638
3466	Shire of Murray	Perth Hills	STATE FOREST 14 - CCWA	116.028	-32.5941
3467	Shire of Murray	Perth Hills	STATE FOREST 14 - CCWA	115.99	-32.6066
3664	Shire of Dandaragan	MOORA	Land Administration Act - Unallocated Crown Land (UCL)	115.33679890400	- 30.66420915870
4199	Shire of Gingin	Swan Coastal	STATE FOREST 65 (Proposed CP) - CCWA	115.6312	-31.387
4219	Shire of Yilgarn	Central Wheatbelt	Land Administration Act - Unallocated Crown Land (UCL)	119.6764	-31.4045
4220	Shire of Yilgarn	Central Wheatbelt	Land Administration Act - Unallocated Crown Land (UCL)	119.6435	-31.4113
4221	Shire of Yilgarn	Central Wheatbelt	Land Administration Act - Unallocated Crown Land (UCL)	119.6367	-31.4364
4665	Shire of Northam	Perth Hills	Land Act Reserve (Other) 6203 Water Corporation. Water Authority of WA. Reservoir, Aquaduct Water Course and Catchment Area	116.4756	-31.8592
4957	Shire of Harvey	Wellington	STATE FOREST 15 - CCWA	115.9789	-33.2124
4958	Shire of Collie	Wellington	STATE FOREST 15 - CCWA	115.9516	-33.2212
4959	Shire of Collie	Wellington	STATE FOREST 15 - CCWA	115.9554	-33.2409
4960	Shire of Harvey	Wellington	STATE FOREST 15 - CCWA	116.1155	-33.1233
5409	Shire of Toodyay	Perth Hills	STATE FOREST 61 (Proposed CP) - CCWA	116.3495	-31.4257



5419	Shire of Esperance	ESPERANCE	Land Administration Act - Unallocated Crown Land (UCL)	121.9918	-33.4796
5501	Shire of Esperance	ESPERANCE	TRUSLOVE Nature Reserve - Conservation of Flora and Fauna - CCWA	121.7753	-33.3643
5502	Shire of Esperance	ESPERANCE	TRUSLOVE Nature Reserve - Conservation of Flora and Fauna - CCWA	121.8178	-33.4222
5751	Shire of Esperance	ESPERANCE	Local Government Reserve - Shire of Esperance - Reserve 19965 - Water Tank No 13	121.5709	-33.3739
5803	Shire of Dandaragan	MOORA	Land Administration Act - Unallocated Crown Land (UCL)	115.3424	-30.6829
5867	Shire of Gingin	Swan Coastal	STATE FOREST 65 (Proposed CP) - CCWA	115.608	-31.391
5889	Shire of Cranbrook	Donnelly	Timber Reserve 203/25 - CCWA	116.9576	-34.2526
5987	Shire of Gingin	Swan Coastal	STATE FOREST 65 - CCWA	115.6078	-31.3501
6073	Shire of Ravensthorpe	ALBANY	Land Administration Act - Unallocated Crown Land (UCL)	120.0276	-33.4458
6074	Shire of Ravensthorpe	ALBANY	Land Administration Act - Unallocated Crown Land (UCL)	120.0553	-33.4603
6075	Shire of Ravensthorpe	ALBANY	Land Administration Act - Unallocated Crown Land (UCL)	120.024	-33.47463
6076	Shire of Ravensthorpe	ALBANY	Land Administration Act - Unallocated Crown Land (UCL)	120.01215484400	-33.50164332230

346	Shire of Gingin	Swan Coastal	STATE FOREST 65 (Proposed CP) - CCWA	115.6286	-31.4156
2576	Shire of Nannup	Donnelly	STATE FOREST 57 - CCWA	115.8956	-34.1869
2577	Shire of Manjimup	Donnelly	STATE FOREST 57 - CCWA	115.9165	-34.1875
5682	Shire of Gingin	Swan Coastal	Land Act Reserve Unvested 22602 - Water (Proposed NR)	115.9243	-31.2433
5006	Shire of Gingin	Swan Coastal	BOONANARRING Nature Reserve - 41805 Conservation of Flora and Fauna - CCWA	115.96188084800	- 31.24859974730
5329	Shire of Gingin	Swan Coastal	Land Act Reserve Unvested 24559 - Water Catchment Purposes (Proposed NR)	115.949933	-31.261189
1976	Shire of Gingin	Swan Coastal	YEAL Nature Reserve 42450 - Conservation of Flora and Fauna - CCWA	115.7427	-31.3761
1158	Shire of Ravensthorpe	Albany	Land Administration Act - Unallocated Crown Land (UCL)	120.026203180	-33.393752300
5120	Shire of Dandaragan	Moora	Land Act Reserve Unvested 25570 - Public Utility	115.2863	-30.3935
2952	Shire of Carnamah	MOORA	Beekeepers Nature Reserve 24496 - Protection of Flora - CCWA	114.9902	-29.8942
1977	Shire of Gingin	Swan Coastal	STATE FOREST 65 - CCWA	115.6935	-31.3506
2360	Shire of Dandaragan	MOORA	Land Administration Act - Unallocated Crown Land (UCL)	115.2118	-30.5292

6319	Shire of Dandaragan	Moora	Local Government Reserve - Shire of Dandaragan - Reserve 41126 - for the purpose of "quarry"	115.0741	-30.3215
6320	Shire of Dandaragan	Moora	Land Administration Act - Unallocated Crown Land (UCL)	115.6927	-30.9955

### 3. Area of clearing

- (a) The Permit Holder must not clear more than 6.65 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 conditions 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 conditions 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 and 31 December of the preceding year.
- (b) Prior to 9 August 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;

*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*.



Roxane Shadbolt  
A/MANAGER  
NATIVE VEGETATION CONSERVATION BRANCH

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

18 October 2012



## 1. Application details

### 1.1. Permit application details

Permit application No.: 5209/1  
Permit type: Purpose Permit

### 1.2. Proponent details

Proponent's name: Nelson John, Kerry Dawn and Stephen J Fewster

### 1.3. Property details

Property: State Forest  
Crown land  
unallocated Crown land  
Local Government Area: Various Shires

Colloquial name:

### 1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
6.65		Cutting	Apiculture

### 1.5. Decision on application

Decision on Permit Application: Grant  
Decision Date: 18 October 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 areas under application fall within various vegetation associations between Greater Geraldton and Esperance.	The proposed maintenance clearing affects a variety of vegetation associations and classifications.  The proposed clearing may impact up to approximately 0.05 hectares of re-growth within each of the 134 apiary sites, totalling 6.65 hectares.	Degraded: Structure severely disturbed; regeneration to good condition requires intensive management (Keighery 1994)  To  Very Good: Vegetation structure altered; obvious signs of disturbance (Keighery 1994)	The condition of the vegetation was obtained from the use of aerial photography

## 3. Assessment of application against clearing principles

### Comments

The application is to clear 6.65 hectares of native vegetation over 134 apiary sites within State Forest, Crown land and unallocated Crown land within various Shires. 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). The clearing is required for apiary site maintenance with the majority of the vegetation to be removed being re-growth. Clearing may be in the form of either: pruning, slashing or scrub rolling vegetation. If any maintenance is required, up to approximately 0.05ha 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 0.05ha.

Several apiary sites occur within close proximity to either rare or priority listed flora species. Given the minor maintenance and the low impact nature of the proposed works (e.g pruning), the proposed maintenance is unlikely to have any detrimental environmental impact on biodiversity values of any nearby rare or priority listed flora species at any of the nominated apiary sites. Given this, it is considered that the proposed maintenance works is not likely to be at variance with principle (c). Five sites do occur within a priority ecological community. Given this, the proposal may be at variance to principle (a), however the proposed maintenance is unlikely to have any detrimental environmental impact.

Many of the apiary sites are located near minor, non-perennial watercourses whilst others are in the vicinity of conservation category wetlands. The proposed maintenance within these apiary sites may include vegetation growing in association with a watercourse. The proposed maintenance may be at variance with principle (f), 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. Given that the apiary sites are located within areas previously used for beekeeping, the small scale of the proposed maintenance work within each apiary site is not expected to have an impact on the environmental values of these conservation areas. The proposed maintenance work is not likely to be at variance with principle (h).

Apiary sites within the Shire's of Manjimup, Beverley, York, Collie, Harvey and Northam have been recorded within Country Areas Water Supply Act 1947 areas. The standard apiary site conditions state that apiary sites should be located a minimum of 200 metres from watercourses within Public Drinking Water Source Areas. Given that the apiary sites are located within areas previously used for beekeeping, the small scale of the proposed maintenance within each apiary site is not expected to have an impact on the quality of surface or underground water. The proposed maintenance is not likely to be at variance with principle (i).

Given that most of the apiary sites are located within areas previously used for beekeeping, the small scale of the proposed maintenance within each apiary site is not expected to have an impact on the incidence or intensity of flooding, or contribute to any land degradation. The proposed maintenance is not likely to be at variance with principles (g) or (j).

The proposed clearing may be at variance to principles (a) and (f) and is not likely to be at variance with the remaining clearing principles.

#### Methodology

##### References

- Keighery 1994

##### GIS datasets

- Interim Biogeographic Regionalisation of Australia

- Pre-European Vegetation

- Geomorphic Wetlands (Mgt Categories), Swan Coastal Plain

- Hydrography, linear (hierarchy)

- Public Drinking Water Source Areas

- DEC Managed Lands- SAC biodatasets (September 2012)

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

#### Comments

The Shire of Manjimup (2012) advises that there is no planning or other matters which would affect the application.

The Shire of Gingin (2012) has considered the proposal and advises that given the clearing of land is ultimately for the purpose of apiary site maintenance on Crown land, the Shire raises no objections as such activities are exempt from permit under the Shire's Bee Keeping Local Law 2004.

The Shire of Esperance (2012) has no formal objections to the proposal and provide the following information.

- A development application for the proposed works and use of the cleared land is not required.
- It is suggested that where practical, clearing with machinery should occur between May and September to minimise erosion risk of the exposed soils.
- If the proponent wishes to dispose of any cleared vegetation through burning it is requested they do so outside of the Shire's prohibited burning periods and the lit fires are appropriately guarded.
- Under the Shire of Esperance's Health Local Laws Division 7 Bee Keeping;

##### Restrictions on keeping of Bees in Hives

6.7.2 (1) A person shall not keep or permit the keeping of bees anywhere within the district unless approval to do so has been given by the local government.

(2) If, in the opinion of an Environmental Health Officer, the approved bee hives are causing a nuisance, the local government may direct any bees or approved bee hives to be removed.

(3) A person shall comply with a direction within the time specified.

The Shire of Cuballing (2012) advises that as the land, for which the clearing permit is required, is Crown and unallocated Crown land, the Shire welcomes any clearing to mitigate bushfire risk which is endemic to all Crown and unallocated Crown land with the Shire.

The Shire of Harvey (2012) has no objection to the proposed clearing of approximately 0.045 hectares of regrowth vegetation of the apiary sites located with the Shire.

Under the Bush Fires Act 1954 apiary sites require a 3m firebreak.

Authority to access land:

Apiary authorities are granted under the Conservation and Land Management Act. 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 state, in part, the apiarist must liaise with the local DEC 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. If a clearing permit is granted, a similar condition will be imposed also.

**Methodology**    **References**

- Shire of Manjimup (2012)
- Shire of Gingin (2012)
- Shire of Esperance (2012)
- Shire of Cuballing (2012)
- Shire of Harvey (2012)

#### **4. References**

- 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 Cuballing (2012) Advice in relation to Clearing Permit Application, CPS 5209, Kuyan Apiaries (DEC Ref:A554584)
- Shire of Esperance (2012) Advice in relation to Clearing Permit Application, CPS 5209, Kuyan Apiaries (DEC Ref:A554585)
- Shire of Gingin (2012) Advice in relation to Clearing Permit Application, CPS 5209, Kuyan Apiaries (DEC Ref:A547484)
- Shire of Harvey (2012) Advice in relation to Clearing Permit Application, CPS 5209, Kuyan Apiaries (DEC Ref:A554588)
- Shire of Manjimup (2012) Advice in relation to Clearing Permit Application, CPS 5209, Kuyan Apiaries (DEC Ref:A544359)

#### **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)