



## CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

**Purpose Permit number:** CPS 4661/1  
**Permit Holder:** Mr Ken Spurge  
**Duration of Permit:** 19 December 2011 to 19 December 2016

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
6230	Augusta Margaret River	Blackwood	State Forest 32	115.51	-33.91
6231	Augusta Margaret River	Blackwood	State Forest 33	115.63	-33.82
2127	Beverley	Perth Hills	Dale Conservation Park	116.42	-32.15
3669	Beverley	Perth Hills	Wandoo National Park	116.47	-32.12
3670	Beverley	Perth Hills	State Forest 13	116.49	-32.16
2456	Boddington	Perth Hills	State Forest 14	116.29	-32.92
2464	Boddington	Perth Hills	State Forest 14	116.30	-32.90
2497	Boddington	Perth Hills	Lane Poole Reserve - 39822 - Conservation Park & the Agreement Defined in S2 of the Alumina Refinery Agreement Act 1961 - CCWA	116.30	-32.97
2498	Boddington	Perth Hills	Lane Poole Reserve - 39822 - Conservation Park & the Agreement Defined in S2 of the Alumina Refinery Agreement Act 1961 - CCWA	116.28	-33.00
2507	Boddington	Perth Hills	State Forest 14	116.30	-32.95
2881	Boddington	Perth Hills	State Forest 22	116.24	-32.95
2947	Boddington	Perth Hills	State Forest 14	116.31	-32.88
2973	Boddington	Perth Hills	State Forest 14	116.38	-32.88
2974	Boddington	Perth Hills	State Forest 14	116.39	-32.91
364	Busselton	Blackwood	State Forest 33	115.64	-33.70
365	Busselton	Blackwood	State Forest 33	115.65	-33.72

Apiary site no.	Local Government Authority	DEC District	Land tenure	Longitude	Latitude
366	Busselton	Blackwood	State Forest 33	115.68	-33.71
395	Busselton	Blackwood	State Forest 28	115.71	-33.78
396	Busselton	Blackwood	State Forest 28	115.74	-33.77
397	Busselton	Blackwood	State Forest 28	115.70	-33.75
398	Busselton	Blackwood	State Forest 28	115.74	-33.75
605	Busselton	Blackwood	State Forest 28	115.69	-33.79
5187	Busselton	Blackwood	State Forest 28	115.72	-33.80
489	Coolgardie	Kalgoorlie	Land Administration Act - Unallocated Crown Land (UCL)	121.54	-31.71
490	Coolgardie	Kalgoorlie	Land Administration Act - Unallocated Crown Land (UCL)	121.58	-31.71
491	Coolgardie	Kalgoorlie	Land Administration Act - Unallocated Crown Land (UCL)	121.56	-31.79
492	Coolgardie	Kalgoorlie	Land Administration Act - Unallocated Crown Land (UCL)	121.61	-31.78
742	Coolgardie	Kalgoorlie	Land Administration Act - Unallocated Crown Land (UCL)	121.62	-31.81
745	Coolgardie	Kalgoorlie	Land Administration Act - Unallocated Crown Land (UCL)	121.48	-31.72
746	Coolgardie	Kalgoorlie	Land Administration Act - Unallocated Crown Land (UCL)	121.47	-31.78
747	Coolgardie	Kalgoorlie	Land Administration Act - Unallocated Crown Land (UCL)	121.50	-31.81
748	Coolgardie	Kalgoorlie	Land Administration Act - Unallocated Crown Land (UCL)	121.61	-31.83
749	Coolgardie	Kalgoorlie	Land Administration Act - Unallocated Crown Land (UCL)	121.56	-31.81
5659	Coolgardie	Kalgoorlie	Land Administration Act - Unallocated Crown Land (UCL)	121.65	-31.83
5660	Coolgardie	Kalgoorlie	Land Administration Act - Unallocated Crown Land (UCL)	121.64	-31.86
5675	Coolgardie	Kalgoorlie	Land Administration Act - Unallocated Crown Land (UCL)	121.51	-31.61
6023	Coolgardie	Kalgoorlie	Land Administration Act - Unallocated Crown Land (UCL)	121.51	-31.75
6024	Coolgardie	Kalgoorlie	Land Administration Act - Unallocated Crown Land (UCL)	121.54	-31.75
6025	Coolgardie	Kalgoorlie	Land Administration Act - Unallocated Crown Land (UCL)	121.58	-31.75
6026	Coolgardie	Kalgoorlie	Land Administration Act - Unallocated Crown Land (UCL)	121.52	-31.78
2315	Cuballing	Great Southern	State Forest 51	116.96	-32.78

Apiary site no.	Local Government Authority	DEC District	Land tenure	Longitude	Latitude
2700	Cuballing	Great Southern	State Forest 51	117.00	-32.76
2701	Cuballing	Great Southern	State Forest 53	117.08	-32.78
2702	Cuballing	Great Southern	State Forest 53	117.09	-32.75
2704	Cuballing	Great Southern	State Forest 53	117.14	-32.77
360	Dandaragan	Moora	Land Administration Act - Unallocated Crown Land (UCL)	115.33	-30.59
362	Dandaragan	Moora	Land Administration Act - Unallocated Crown Land (UCL)	115.39	-30.58
454	Dandaragan	Moora	Land Administration Act - Special Lease - Lancelin Bombing Range - Department of Defence	115.36	-30.89
513	Dandaragan	Moora	Land Administration Act - Unallocated Crown Land (UCL)	115.36	-30.76
669	Dandaragan	Moora	Land Administration Act - Unallocated Crown Land (UCL)	115.39	-30.56
670	Dandaragan	Moora	Land Administration Act - Unallocated Crown Land (UCL)	115.31	-30.56
755	Dandaragan	Moora	Land Administration Act - Unallocated Crown Land (UCL)	115.35	-30.78
756	Dandaragan	Moora	Land Administration Act - Unallocated Crown Land (UCL)	115.39	-30.82
757	Dandaragan	Moora	Land Administration Act - Unallocated Crown Land (UCL)	115.35	-30.84
1646	Dandaragan	Moora	WONGONDERRAH Nature Reserve 26248 - Conservation of Flora	115.36	-30.56
1773	Dandaragan	Moora	Land Administration Act - Unallocated Crown Land (UCL)	115.31	-30.57
1845	Dandaragan	Moora	Land Administration Act - Unallocated Crown Land (UCL)	115.36	-30.59
2023	Dandaragan	Moora	Land Administration Act - Unallocated Crown Land (UCL)	115.42	-30.57
2304	Dandaragan	Moora	NAMMING Nature Reserve 28558 - Conservation of Flora and Fauna	115.60	-30.97
2305	Dandaragan	Moora	NAMMING Nature Reserve 28558 - Conservation of Flora and Fauna	115.65	-30.97
2414	Dandaragan	Moora	Land Administration Act - Unallocated Crown Land (UCL)	115.35	-30.81
2415	Dandaragan	Moora	Land Administration Act - Unallocated Crown Land (UCL)	115.38	-30.79
2416	Dandaragan	Moora	Land Administration Act - Unallocated Crown Land (UCL)	115.34	-30.76

Apiary site no.	Local Government Authority	DEC District	Land tenure	Longitude	Latitude
2419	Dandaragan	Moora	Land Administration Act - Unallocated Crown Land (UCL)	115.34	-30.81
2455	Dandaragan	Moora	Land Administration Act - Unallocated Crown Land (UCL)	115.37	-30.85
2555	Dandaragan	Moora	Land Administration Act - Unallocated Crown Land (UCL)	115.38	-30.64
2578	Dandaragan	Moora	Land Administration Act - Unallocated Crown Land (UCL)	115.28	-30.61
3120	Dandaragan	Moora	Land Administration Act - Unallocated Crown Land (UCL)	115.25	-30.63
3124	Dandaragan	Moora	Land Administration Act - Unallocated Crown Land (UCL)	115.40	-30.61
3667	Dandaragan	Moora	Land Administration Act - Special Lease - Lancelin Bombing Range - Department of Defence	115.36	-30.87
3823	Dandaragan	Moora	Land Administration Act - Unallocated Crown Land (UCL)	115.36	-30.62
5222	Dandaragan	Moora	Land Administration Act - Unallocated Crown Land (UCL)	115.25	-30.60
5768	Dandaragan	Moora	Land Administration Act - Unallocated Crown Land (UCL)	115.29	-30.59
6276	Dandaragan	Moora	Land Administration Act - Unallocated Crown Land (UCL)	115.36	-30.85
6277	Dandaragan	Moora	Land Administration Act - Unallocated Crown Land (UCL)	115.37	-30.84
6278	Dandaragan	Moora	Land Administration Act - Unallocated Crown Land (UCL)	115.37	-30.82
6279	Dandaragan	Moora	Land Administration Act - Unallocated Crown Land (UCL)	115.37	-30.80
6280	Dandaragan	Moora	Land Administration Act - Unallocated Crown Land (UCL)	115.34	-30.80
743	Dundas	Esperance	Land Administration Act - Unallocated Crown Land (UCL)	121.60	-31.89
857	Dundas	Esperance	Land Administration Act - Unallocated Crown Land (UCL)	121.77	-32.26
858	Dundas	Esperance	Land Administration Act - Unallocated Crown Land (UCL)	121.81	-32.27
859	Dundas	Esperance	Dual Tenure - Land Act Reserve (Unvested) 13140 - Common - & Timber Res 197/25	121.77	-32.29

Apiary site no.	Local Government Authority	DEC District	Land tenure	Longitude	Latitude
860	Dundas	Esperance	Dual Tenure - Land Act Reserve (Unvested) 13140 - Common - & Timber Res 197/25	121.80	-32.31
861	Dundas	Esperance	Dual Tenure - Land Act Reserve (Unvested) 13140 - Common - & Timber Res 197/25	121.76	-32.32
862	Dundas	Esperance	Dual Tenure - Land Act Reserve (Unvested) 13140 - Common - & Timber Res 197/25	121.80	-32.35
863	Dundas	Esperance	Land Administration Act - Unallocated Crown Land (UCL)	121.75	-32.35
864	Dundas	Esperance	Land Administration Act - Unallocated Crown Land (UCL)	121.75	-32.39
869	Dundas	Esperance	Land Administration Act - Unallocated Crown Land (UCL)	121.72	-32.34
870	Dundas	Esperance	Land Administration Act - Unallocated Crown Land (UCL)	121.73	-32.42
872	Dundas	Esperance	Land Administration Act - Unallocated Crown Land (UCL)	121.70	-32.44
873	Dundas	Esperance	Land Administration Act - Unallocated Crown Land (UCL)	121.74	-32.45
900	Dundas	Esperance	Land Administration Act - Unallocated Crown Land (UCL)	121.89	-32.03
901	Dundas	Esperance	Land Administration Act - Unallocated Crown Land (UCL)	121.90	-32.06
902	Dundas	Esperance	Land Administration Act - Unallocated Crown Land (UCL)	121.89	-32.09
905	Dundas	Esperance	Land Administration Act - Unallocated Crown Land (UCL)	121.93	-32.08
945	Dundas	Esperance	Land Administration Act - Unallocated Crown Land (UCL)	121.97	-32.07
994	Dundas	Esperance	Land Administration Act - Unallocated Crown Land (UCL)	122.15	-32.07
995	Dundas	Esperance	Land Administration Act - Unallocated Crown Land (UCL)	122.19	-32.06
996	Dundas	Esperance	Land Administration Act - Unallocated Crown Land (UCL)	122.22	-32.06
997	Dundas	Esperance	Land Administration Act - Unallocated Crown Land (UCL)	122.52	-32.07
998	Dundas	Esperance	Land Administration Act - Unallocated Crown Land (UCL)	122.55	-32.07

<b>Apiary site no.</b>	<b>Local Government Authority</b>	<b>DEC District</b>	<b>Land tenure</b>	<b>Longitude</b>	<b>Latitude</b>
999	Dundas	Esperance	Land Administration Act - Unallocated Crown Land (UCL)	122.43	-32.07
1015	Dundas	Esperance	Land Administration Act - Unallocated Crown Land (UCL)	122.47	-32.07
1240	Dundas	Esperance	Land Administration Act - Unallocated Crown Land (UCL)	120.30	-32.26
1241	Dundas	Esperance	Land Administration Act - Unallocated Crown Land (UCL)	120.34	-32.25
1242	Dundas	Esperance	Land Administration Act - Unallocated Crown Land (UCL)	120.38	-32.24
1243	Dundas	Esperance	Land Administration Act - Unallocated Crown Land (UCL)	120.42	-32.24
1244	Dundas	Esperance	Land Administration Act - Unallocated Crown Land (UCL)	120.46	-32.23
1245	Dundas	Esperance	Land Administration Act - Unallocated Crown Land (UCL)	120.76	-32.01
1246	Dundas	Esperance	Land Administration Act - Unallocated Crown Land (UCL)	120.81	-32.02
1248	Dundas	Esperance	Land Administration Act - Unallocated Crown Land (UCL)	120.83	-32.04
1249	Dundas	Esperance	Land Administration Act - Unallocated Crown Land (UCL)	120.86	-32.06
1250	Dundas	Esperance	Land Administration Act - Unallocated Crown Land (UCL)	120.89	-32.08
1251	Dundas	Esperance	Land Administration Act - Unallocated Crown Land (UCL)	120.91	-32.11
1254	Dundas	Esperance	Land Administration Act - Unallocated Crown Land (UCL)	121.01	-32.14
1255	Dundas	Esperance	Land Administration Act - Unallocated Crown Land (UCL)	121.04	-32.15
1256	Dundas	Esperance	Land Administration Act - Unallocated Crown Land (UCL)	121.07	-32.16
1257	Dundas	Esperance	Land Administration Act - Unallocated Crown Land (UCL)	121.12	-32.17
1266	Dundas	Esperance	Land Administration Act - Unallocated Crown Land (UCL)	122.26	-32.06
1267	Dundas	Esperance	Land Administration Act - Unallocated Crown Land (UCL)	122.29	-32.06
1272	Dundas	Esperance	Land Administration Act - Unallocated Crown Land	122.32	-32.06

Apiary site no.	Local Government Authority	DEC District	Land tenure	Longitude	Latitude
			(UCL)		
1273	Dundas	Esperance	Land Administration Act - Unallocated Crown Land (UCL)	122.36	-32.06
1274	Dundas	Esperance	Land Administration Act - Unallocated Crown Land (UCL)	122.39	-32.06
1488	Dundas	Esperance	Land Administration Act - Unallocated Crown Land (UCL)	120.34	-32.29
1490	Dundas	Esperance	Land Administration Act - Unallocated Crown Land (UCL)	120.25	-32.26
1491	Dundas	Esperance	Land Administration Act - Unallocated Crown Land (UCL)	120.24	-32.28
1493	Dundas	Esperance	Land Administration Act - Unallocated Crown Land (UCL)	120.20	-32.29
1494	Dundas	Esperance	Land Administration Act - Unallocated Crown Land (UCL)	120.34	-32.22
1495	Dundas	Esperance	Land Administration Act - Unallocated Crown Land (UCL)	120.07	-32.32
1496	Dundas	Esperance	Land Administration Act - Unallocated Crown Land (UCL)	120.04	-32.34
1499	Dundas	Esperance	Land Administration Act - Unallocated Crown Land (UCL)	120.72	-32.04
1501	Dundas	Esperance	Land Administration Act - Unallocated Crown Land (UCL)	120.80	-31.92
1502	Dundas	Esperance	Land Administration Act - Unallocated Crown Land (UCL)	120.78	-31.95
1506	Dundas	Esperance	Land Administration Act - Unallocated Crown Land (UCL)	120.77	-31.98
1608	Dundas	Esperance	Land Administration Act - Unallocated Crown Land (UCL)	120.86	-32.02
1609	Dundas	Esperance	Land Administration Act - Unallocated Crown Land (UCL)	120.82	-32.07
1610	Dundas	Esperance	Land Administration Act - Unallocated Crown Land (UCL)	120.34	-32.16
1611	Dundas	Esperance	Land Administration Act - Unallocated Crown Land (UCL)	120.34	-32.19
1612	Dundas	Esperance	Land Administration Act - Unallocated Crown Land (UCL)	120.81	-31.98
1627	Dundas	Esperance	Land Administration Act - Unallocated Crown Land (UCL)	120.96	-32.13
5710	Dundas	Esperance	Land Administration Act -	121.64	-31.89

Apiary site no.	Local Government Authority	DEC District	Land tenure	Longitude	Latitude
			Unallocated Crown Land (UCL)		
6284	Dundas	Esperance	Land Administration Act - Unallocated Crown Land (UCL)	121.85	-32.28
6285	Dundas	Esperance	Land Administration Act - Unallocated Crown Land (UCL)	121.86	-32.31
6286	Dundas	Esperance	Land Administration Act - Unallocated Crown Land (UCL)	121.88	-32.36
6287	Dundas	Esperance	Land Administration Act - Unallocated Crown Land (UCL)	121.85	-32.33
6288	Dundas	Esperance	Land Administration Act - Unallocated Crown Land (UCL)	121.92	-32.37
1033	Esperance	Esperance	Land Administration Act - Unallocated Crown Land (UCL)	120.82	-33.26
1034	Esperance	Esperance	Land Administration Act - Unallocated Crown Land (UCL)	120.83	-33.29
1035	Esperance	Esperance	Land Administration Act - Unallocated Crown Land (UCL)	120.81	-33.33
1037	Esperance	Esperance	Land Administration Act - Unallocated Crown Land (UCL)	120.78	-33.24
1038	Esperance	Esperance	Land Administration Act - Unallocated Crown Land (UCL)	120.81	-33.22
5612	Esperance	Esperance	Land Act Reserve (Unvested) - 25376 - Timber and Water (Proposed NR)	120.87	-33.81
5940	Esperance	Esperance	Land Administration Act - Unallocated Crown Land (UCL)	120.95	-33.05
5941	Esperance	Esperance	Land Administration Act - Unallocated Crown Land (UCL)	120.99	-33.16
5942	Esperance	Esperance	Land Administration Act - Unallocated Crown Land (UCL)	120.97	-33.12
5943	Esperance	Esperance	Land Administration Act - Unallocated Crown Land (UCL)	120.96	-33.08
6020	Esperance	Esperance	Land Administration Act - Unallocated Crown Land (UCL)	121.10	-33.12
6021	Esperance	Esperance	Land Administration Act - Unallocated Crown Land (UCL)	121.06	-33.16
6022	Esperance	Esperance	Land Administration Act - Unallocated Crown Land (UCL)	121.03	-33.15
6281	Esperance	Esperance	Land Administration Act - Unallocated Crown Land (UCL)	121.12	-33.09



Apiary site no.	Local Government Authority	DEC District	Land tenure	Longitude	Latitude
6282	Esperance	Esperance	Land Administration Act - Unallocated Crown Land (UCL)	121.09	-33.07
6283	Esperance	Esperance	Land Administration Act - Unallocated Crown Land (UCL)	121.07	-33.06
762	Gingin	Moora	Local Government Reserve - Shire of Gingin - Reserve 36804 - Limestone Quarry	115.40	-30.99
763	Gingin	Moora	Land Administration Act - Road Reserve	115.41	-31.01
3666	Gingin	Moora	NILGEN Nature Reserve - 31781 - Conservation of Flora and Fauna	115.36	-30.92
657	Gingin	Swan Coastal	Land Administration Act - Nabaroo pastoral lease - Pastoral Lands Board - stock route	115.61	-31.11
1626	Gingin	Swan Coastal	Land Administration Act - NABAROO pastoral lease - Pastoral Lands Board	115.61	-31.09
1757	Gingin	Swan Coastal	State Forest 65	115.48	-31.16
2471	Gingin	Swan Coastal	Moore River National Park (Proposed NR)	115.60	-31.04
4367	Gingin	Swan Coastal	Moore River National Park (Proposed NR)	115.64	-31.12
5122	Gingin	Swan Coastal	Land Administration Act - NABAROO pastoral lease - Pastoral Lands Board	115.60	-31.09
5435	Gingin	Swan Coastal	Moore River National Park (Proposed NR)	115.62	-31.03
5487	Gingin	Swan Coastal	Moore River National Park (Proposed NR)	115.62	-31.14
5535	Gingin	Swan Coastal	Moore River National Park (Proposed NR)	115.63	-31.09
1798	Harvey	Wellington	State Forest 14	116.09	-33.00
1799	Harvey	Wellington	State Forest 14	116.06	-32.96
2275	Harvey	Wellington	State Forest 15	116.08	-33.04
2276	Harvey	Wellington	State Forest 15	116.12	-33.08
2339	Harvey	Wellington	State Forest 14	116.09	-32.97
4616	Harvey	Wellington	State Forest 14	116.08	-33.02
5192	Harvey	Wellington	State Forest 15	116.06	-33.06
5201	Harvey	Wellington	State Forest 14	116.09	-32.95
2763	Irwin	Moora	Beekeepers Nature Reserve 24496 - Protection of Flora	115.01	-29.51
5572	Irwin	Moora	FREEHOLD (QEII). In the name of State WA	115.04	-29.53
204	Lake Grace	Esperance	Land Administration Act - Unallocated Crown Land (UCL)	119.85	-32.79
293	Lake Grace	Esperance	Land Administration Act - Unallocated Crown Land (UCL)	119.82	-32.78
361	Manjimup	Donnelly	Greater Dordagup National Park	116.26	-34.45
547	Manjimup	Donnelly	State Forest 38	116.37	-34.48
573	Manjimup	Donnelly	Greater Dordagup National Park	116.36	-34.51
798	Manjimup	Donnelly	Shannon National Park	116.38	-34.51

Apiary site no.	Local Government Authority	DEC District	Land tenure	Longitude	Latitude
868	Manjimup	Donnelly	Shannon National Park	116.35	-34.66
933	Manjimup	Donnelly	State Forest 40	116.24	-34.72
1323	Manjimup	Donnelly	Jane National Park	116.28	-34.61
1557	Manjimup	Donnelly	State Forest 39	116.14	-34.39
1789	Manjimup	Donnelly	Shannon National Park	116.40	-34.56
2751	Manjimup	Donnelly	Shannon National Park	116.09	-34.52
3945	Manjimup	Donnelly	Shannon National Park	116.34	-34.65
4997	Manjimup	Donnelly	Jane National Park	116.31	-34.61
37	Mount Marshall	Central Wheatbelt	Land Administration Act - Mouroubra Pastoral Lease - Pastoral Lands Board	117.61	-29.80
39	Mount Marshall	Central Wheatbelt	Land Administration Act - Mouroubra Pastoral Lease - Pastoral Lands Board	117.67	-29.80
40	Mount Marshall	Central Wheatbelt	Land Administration Act - Mouroubra Pastoral Lease - Pastoral Lands Board	117.65	-29.83
41	Mount Marshall	Central Wheatbelt	Land Administration Act - Mouroubra Pastoral Lease - Pastoral Lands Board	117.75	-29.86
42	Mount Marshall	Central Wheatbelt	Land Administration Act - Mouroubra Pastoral Lease - Pastoral Lands Board	117.76	-29.88
43	Mount Marshall	Central Wheatbelt	Land Administration Act - Mouroubra Pastoral Lease - Pastoral Lands Board	117.70	-29.91
194	Mount Marshall	Central Wheatbelt	Land Administration Act - Unallocated Crown Land (UCL)	119.82	-32.74
195	Mount Marshall	Central Wheatbelt	Land Administration Act - Unallocated Crown Land (UCL)	119.79	-32.71
201	Mount Marshall	Central Wheatbelt	Land Administration Act - Unallocated Crown Land (UCL)	119.75	-32.63
202	Mount Marshall	Central Wheatbelt	Land Administration Act - Unallocated Crown Land (UCL)	119.84	-32.71
207	Mount Marshall	Central Wheatbelt	Land Administration Act - Unallocated Crown Land (UCL)	119.72	-32.63
208	Mount Marshall	Central Wheatbelt	Land Administration Act - Unallocated Crown Land (UCL)	119.72	-32.66
209	Mount Marshall	Central Wheatbelt	Land Administration Act - Unallocated Crown Land (UCL)	119.74	-32.68
210	Mount Marshall	Central Wheatbelt	Land Administration Act - Unallocated Crown Land (UCL)	119.79	-32.73
211	Mount Marshall	Central Wheatbelt	Land Administration Act - Unallocated Crown Land (UCL)	119.86	-32.73
212	Mount Marshall	Central Wheatbelt	Land Administration Act - Unallocated Crown Land (UCL)	119.82	-32.76
225	Mount Marshall	Central Wheatbelt	Land Administration Act - Unallocated Crown Land (UCL)	119.78	-32.68

Apiary site no.	Local Government Authority	DEC District	Land tenure	Longitude	Latitude
419	Mount Marshall	Central Wheatbelt	Land Administration Act - MOUROUBRA Pastoral Lease - Pastoral Land Board	117.52	-29.83
420	Mount Marshall	Central Wheatbelt	Land Administration Act - MOUROUBRA Pastoral Lease - Pastoral Lands Board	117.56	-29.80
421	Mount Marshall	Central Wheatbelt	Land Administration Act - MOUROUBRA Pastoral Lease - Pastoral Lands Board	117.57	-29.84
1221	Mount Marshall	Central Wheatbelt	Land Administration Act - Unallocated Crown Land (UCL)	119.76	-32.49
1222	Mount Marshall	Central Wheatbelt	Land Administration Act - Unallocated Crown Land (UCL)	119.76	-32.46
1223	Mount Marshall	Central Wheatbelt	Land Administration Act - Unallocated Crown Land (UCL)	119.76	-32.43
1224	Mount Marshall	Central Wheatbelt	Land Administration Act - Unallocated Crown Land (UCL)	119.75	-32.41
1225	Mount Marshall	Central Wheatbelt	Land Administration Act - Unallocated Crown Land (UCL)	119.75	-32.37
1226	Mount Marshall	Central Wheatbelt	Land Administration Act - Unallocated Crown Land (UCL)	119.75	-32.34
1227	Mount Marshall	Central Wheatbelt	Land Administration Act - Unallocated Crown Land (UCL)	119.77	-32.53
1229	Mount Marshall	Central Wheatbelt	Land Administration Act - Unallocated Crown Land (UCL)	119.79	-32.40
1230	Mount Marshall	Central Wheatbelt	Land Administration Act - Unallocated Crown Land (UCL)	119.82	-32.40
5822	Mount Marshall	Central Wheatbelt	Land Administration Act - Unallocated Crown Land (UCL)	119.76	-32.66
5824	Mount Marshall	Central Wheatbelt	Land Administration Act - Unallocated Crown Land (UCL)	119.73	-32.60
6265	Mount Marshall	Central Wheatbelt	Land Administration Act - Mouroubra Pastoral Lease - Pastoral Lands Board	117.82	-29.72
6266	Mount Marshall	Central Wheatbelt	Land Administration Act - Mouroubra Pastoral Lease - Pastoral Lands Board	117.79	-29.83
607	Nannup	Blackwood	State Forest 28	115.77	-33.80
3574	Nannup	Blackwood	State Forest 33	115.59	-33.93
5232	Nannup	Blackwood	State Forest 33	115.55	-33.94
5234	Nannup	Blackwood	State Forest 33	115.56	-33.90
5238	Nannup	Blackwood	State Forest 33	115.62	-33.90
5241	Nannup	Blackwood	State Forest 33	115.66	-33.91
5248	Nannup	Blackwood	State Forest 33	115.66	-33.94
5249	Nannup	Blackwood	State Forest 33	115.63	-33.94
5250	Nannup	Blackwood	State Forest 33	115.62	-33.97
5254	Nannup	Blackwood	State Forest 33	115.60	-33.98
5256	Nannup	Blackwood	State Forest 33	115.57	-33.96

<b>Apiary site no.</b>	<b>Local Government Authority</b>	<b>DEC District</b>	<b>Land tenure</b>	<b>Longitude</b>	<b>Latitude</b>
6227	Nannup	Blackwood	State Forest 32	115.55	-33.98
6228	Nannup	Blackwood	State Forest 32	115.51	-33.96
2366	Narrogin	Great Southern	State Forest 52	117.01	-33.07
625	Ravensthorpe	Albany	Land Administration Act - Unallocated Crown Land (UCL)	120.16	-33.73
627	Ravensthorpe	Albany	Land Administration Act - Unallocated Crown Land (UCL)	120.07	-33.72
1059	Ravensthorpe	Albany	Land Act Reserve Unvested 16091 - Common	120.18	-33.70
2675	Ravensthorpe	Albany	KUNDIP Nature Reserve 31128 Conservation of Flora and Fauna and Water	120.20	-33.70
2726	Ravensthorpe	Albany	KUNDIP Nature Reserve 31128 Conservation of Flora and Fauna	120.19	-33.73
2727	Ravensthorpe	Albany	Land Administration Act - Unallocated Crown Land (UCL)	120.18	-33.75
2728	Ravensthorpe	Albany	Land Administration Act - Unallocated Crown Land (UCL)	120.18	-33.78
3958	Ravensthorpe	Albany	Land Administration Act - Unallocated Crown Land (UCL)	120.15	-33.76
3959	Ravensthorpe	Albany	Land Administration Act - Unallocated Crown Land (UCL)	120.13	-33.73
3960	Ravensthorpe	Albany	Land Administration Act - Unallocated Crown Land (UCL)	120.10	-33.71
3961	Ravensthorpe	Albany	Land Act Reserve Unvested 16091 - Common	120.16	-33.70
5351	Ravensthorpe	Albany	Land Administration Act - Unallocated Crown Land (UCL)	120.13	-33.69
213	Ravensthorpe	Esperance	Land Administration Act - Unallocated Crown Land (UCL)	120.43	-33.56
214	Ravensthorpe	Esperance	Land Administration Act - Unallocated Crown Land (UCL)	120.31	-33.48
328	Ravensthorpe	Esperance	Land Administration Act - Unallocated Crown Land (UCL)	120.34	-33.50
892	Ravensthorpe	Esperance	Land Administration Act - Unallocated Crown Land (UCL)	120.39	-33.40
893	Ravensthorpe	Esperance	Land Administration Act - Unallocated Crown Land (UCL)	120.37	-33.45
894	Ravensthorpe	Esperance	Land Administration Act - Unallocated Crown Land (UCL)	120.41	-33.43
895	Ravensthorpe	Esperance	Land Administration Act - Unallocated Crown Land (UCL)	120.40	-33.46
896	Ravensthorpe	Esperance	Land Administration Act -	120.45	-33.45

Apiary site no.	Local Government Authority	DEC District	Land tenure	Longitude	Latitude
			Unallocated Crown Land (UCL)		
897	Ravensthorpe	Esperance	Land Administration Act - Unallocated Crown Land (UCL)	120.49	-33.46
993	Ravensthorpe	Esperance	Land Administration Act - Unallocated Crown Land (UCL)	120.51	-33.46
1016	Ravensthorpe	Esperance	Land Administration Act - Unallocated Crown Land (UCL)	120.60	-33.44
1017	Ravensthorpe	Esperance	Land Administration Act - Unallocated Crown Land (UCL)	120.61	-33.43
1018	Ravensthorpe	Esperance	Land Administration Act - Unallocated Crown Land (UCL)	120.63	-33.41
1019	Ravensthorpe	Esperance	Land Administration Act - Unallocated Crown Land (UCL)	120.64	-33.39
1020	Ravensthorpe	Esperance	Land Administration Act - Unallocated Crown Land (UCL)	120.67	-33.40
1021	Ravensthorpe	Esperance	Land Administration Act - Unallocated Crown Land (UCL)	120.66	-33.37
1029	Ravensthorpe	Esperance	Land Administration Act - Unallocated Crown Land (UCL)	120.70	-33.22
1030	Ravensthorpe	Esperance	Land Administration Act - Unallocated Crown Land (UCL)	120.67	-33.22
1031	Ravensthorpe	Esperance	Land Administration Act - Unallocated Crown Land (UCL)	120.64	-33.22
1032	Ravensthorpe	Esperance	Land Administration Act - Unallocated Crown Land (UCL)	120.61	-33.23
1036	Ravensthorpe	Esperance	Land Administration Act - Unallocated Crown Land (UCL)	120.77	-33.34
5473	Ravensthorpe	Esperance	Land Administration Act - Unallocated Crown Land (UCL)	120.28	-33.50
5758	Ravensthorpe	Esperance	Land Administration Act - Unallocated Crown Land (UCL)	120.31	-33.53
5930	Ravensthorpe	Esperance	Land Administration Act - Unallocated Crown Land (UCL)	120.43	-33.53
5931	Ravensthorpe	Esperance	Land Administration Act - Unallocated Crown Land (UCL)	120.40	-33.57
5932	Ravensthorpe	Esperance	Land Administration Act - Unallocated Crown Land (UCL)	120.47	-33.55
5937	Ravensthorpe	Esperance	Land Administration Act - Unallocated Crown Land (UCL)	120.56	-33.49

Apiary site no.	Local Government Authority	DEC District	Land tenure	Longitude	Latitude
5944	Ravensthorpe	Esperance	Land Administration Act - Unallocated Crown Land (UCL)	120.40	-33.44
5945	Ravensthorpe	Esperance	Land Administration Act - Unallocated Crown Land (UCL)	120.37	-33.47
5946	Ravensthorpe	Esperance	Land Administration Act - Unallocated Crown Land (UCL)	120.41	-33.50
5791	Toodyay	Perth Hills	Land Act Reserve Unvested 29100 - Buffer	116.25	-31.23
340	Toodyay	Perth Hills	STATE FOREST 61 (Proposed CP)	116.27	-31.37
541	Toodyay	Perth Hills	STATE FOREST 61 (Proposed CP)	116.31	-31.39
1387	Toodyay	Perth Hills	STATE FOREST 61 (Proposed CP)	116.39	-31.36
1759	Toodyay	Perth Hills	Land Act Reserve Unvested 22097 - Govt Req (Proposed CP)	116.35	-31.35
1981	Toodyay	Perth Hills	Land Act Reserve Unvested 29100 - Buffer Reserve	116.28	-31.37
2182	Toodyay	Perth Hills	STATE FOREST 61 (Proposed CP)	116.26	-31.40
2247	Toodyay	Perth Hills	STATE FOREST 61 (Proposed CP)	116.25	-31.35
5837	Toodyay	Perth Hills	Land Act Reserve Unvested 29100 - Buffer	116.25	-31.28
2128	Victoria Plains	Central Wheatbelt	Land Act Reserve Unvested 29100 - Buffer Zone	116.26	-31.22
3450	Wandering	Great Southern	STATE FOREST 51	116.87	-32.75
3661	Waroona	Perth Hills	STATE FOREST 14	116.13	-32.93
5503	Waroona	Perth Hills	Lane Poole Reserve - 5(1)(g) - 39827 - Recreation and Enjoyment of Natural Environment	116.17	-32.90
1389	Williams	Great Southern	STATE FOREST 51	116.90	-32.79
1390	Williams	Great Southern	STATE FOREST 51	116.92	-32.82
4751	Williams	Great Southern	STATE FOREST 51	116.89	-32.82
1522	Wyndham East Kimberley	East Kimberley	Land Administration Act - Ivanhoe Pastoral Lease - Pastoral Lands Board	128.80	-15.82
1523	Wyndham East Kimberley	East Kimberley	Land Administration Act - Ivanhoe Pastoral Lease - Pastoral Lands Board	128.80	-15.84
1524	Wyndham East Kimberley	East Kimberley	Land Administration Act - Ivanhoe Pastoral Lease - Pastoral Lands Board	128.86	-15.80
1525	Wyndham East Kimberley	East Kimberley	Land Administration Act - Ivanhoe Pastoral Lease - Pastoral Lands Board	128.85	-15.83
1530	Wyndham East Kimberley	East Kimberley	Land Administration Act - Ivanhoe Pastoral Lease - Pastoral Lands Board	128.89	-15.84
359	York	Perth Hills	Wandoo National Park	116.51	-32.00
983	York	Perth Hills	Wandoo National Park	116.53	-31.99
985	York	Perth Hills	Wandoo National Park	116.48	-32.04
986	York	Perth Hills	Wandoo National Park	116.47	-32.07
1888	York	Perth Hills	Wandoo National Park	116.52	-31.97

Apiary site no.	Local Government Authority	DEC District	Land tenure	Longitude	Latitude
2372	York	Perth Hills	Wandoo National Park	116.53	-32.05
2373	York	Perth Hills	Wandoo National Park	116.59	-32.06
2374	York	Perth Hills	Wandoo National Park	116.58	-32.09
2389	York	Perth Hills	Wandoo National Park	116.53	-32.08

### 3. Area of clearing

- (a) The Permit Holder must not clear more than 16 hectares of native vegetation in total.
- (b) The Permit Holder must not clear more than 0.05 hectare 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 sites* 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 and 3 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 19 September 2016, 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*.



Kelly Faulkner  
MANAGER  
NATIVE VEGETATION CONSERVATION BRANCH

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

24 November 2011



## 1. Application details

### 1.1. Permit application details

Permit application No.: 4661/1  
Permit type: Purpose Permit

### 1.2. Proponent details

Proponent's name: Spurge Apiaries

### 1.3. Property details

Property: Various Crown and un-allocated Crown lands throughout the State

### 1.4. Application

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

### 1.5. Decision on application

Decision on Permit Application: Grant  
Decision Date: 24 November 2011

## 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 within the Swan Coastal Plain and lower southwest of WA occur within various vegetation complexes associated with Matisse and Heddle complexes, whilst those of the Wheatbelt, Goldfields and Midwest regions occur within varying Beard vegetation complexes. Those sites of the east Kimberley occur within Victoria Bonaparte 909 Beard complex. (Heddle, 1998; Matisse, 1998; Shepherd, 2009)	The proposed maintenance clearing affects a variety of vegetation associations and areas varying from being well vegetated to those with patchy vegetation cover.	Excellent: Vegetation structure intact; disturbance affecting individual species, weeds non-aggressive (Keighery 1994)  To Good: Structure significantly altered by multiple disturbance; retains basic structure/ability to regenerate (Keighery 1994)	The proposed clearing may impact up to approximately 0.05 hectare of regrowth within each of the 318 apiary sites, totalling 16ha of proposed maintenance work.

## 3. Assessment of application against clearing principles

### Comments

This application is for the proposed clearing of up to 16 hectares of native vegetation across 318 sites within numerous Crown land and unallocated Crown land parcels in the Shires of Augusta-Margaret River, Beverley, Boddington, Busselton, Carnamah, Coolgardie, Cuballing, Dandaragan, Dundas, Esperance, Gingin, Harvey, Irwin, Kondinin, Lake Grace, Manjimup, Mount Marshall, Nannup, Narrogin, Ravensthorpe, Toodyay, Victoria Plains, Wandering, Waroona, Williams, Wyndham-East Kimberley, Yalgoo and York, for the purpose of apiary site maintenance. The apiary sites are located within areas previously used for beekeeping and within areas permitted under the Conservation and Land Management Act 1984. Clearing (maintenance) 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.

Up to 180 of the apiary sites occur within close proximity to either threatened 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 threatened 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). Ten 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.

Two of the apiary sites occur within close proximity to threatened ecological communities however they are sufficiently distanced so as not to cause any environmental harm and thus are unlikely to be at variance to principle (d).

Those apiary sites within the Swan Coastal Plain and lower southwest of WA are likely to include habitat for indigenous fauna (including species of conservation significance), as they are located adjacent to areas that generally contain extensive native vegetation cover. Those towards the Wheatbelt and Goldfields and to a lesser extent in the Midwest regions are less likely to occur near such well-vegetated areas. Those within the East Kimberley occur within the typical scattered grassland / spinifex vegetation type for the area, where many of the fauna species listed for the area are avian fauna species. Given that the apiary sites are located within areas previously used for beekeeping, the small scale of proposed maintenance within each site is not expected to have an impact on significant fauna habitat, nor have an impact on the remaining native vegetation in areas that are extensively cleared. It is considered that the proposed maintenance work is not likely to be at variance with principle (b) or (e).

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. It is considered that 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.

Up to 121 of the apiary sites are located within 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. It is considered that the proposed maintenance work is not likely to be at variance with principle (h).

Sixteen apiary sites are located within Country Areas Water Supply Act 1947 areas and/ 67 within Public Drinking Water Supply Areas (PDWSAs). The standard apiary site conditions state that apiary sites should be located a minimum of 200 metres from watercourses within PDWSAs (DEC 2011). 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. It is considered that 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. It is considered that the proposed maintenance is not likely to be at variance with principles (g) or (j).

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

### **Comments**

All apiary sites have been previously used (on and off for many years) and not all sites will require maintenance (maintenance would involve dealing with re-growth).

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

Apiarists are requested to liaise with either local DEC office, Department of Water / Water Corporation and other relevant government agencies concerning beehive placement. Apiarists must also abide by their apiary permit conditions concerning, for example, access to property, placement of bee-hives and their obligations under any other written law (DEC, 2011).

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

Authority to access land:

Apiary authorities are granted under the CALM 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  
- Keighery 1994  
- DEC 2011

#### GIS datasets

- Heddle Vegetation
- 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 and Waters
- SAC biodatasets (accessed November 2011)

#### 4. References

- DEC (2011) Standard Apiary Site Conditions. Department of Environment and Conservation, Kensington (DEC Ref: A443833).
- Heddle, E. M., Loneragan, O. W., and Havel, J. J. (1980) Vegetation Complexes of the Darling System, Western Australia. In Department of Conservation and Environment, Atlas of Natural Resources, Darling System, Western Australia.
- 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. (2009) 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
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)