



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

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|-------------------------------|--|
| Purpose Permit number: | CPS 4340/1 |
| Permit Holder: | Honey Research and Development Pty Ltd |
| Duration of Permit: | 4 July 2011 – 4 July 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**

| <i>Apiary site no.</i> | Local Government | Land tenure | Longitude | Latitude |
|------------------------|-------------------------|--|------------------|-----------------|
| 1063 | Coolgardie | Land Administration Act - Unallocated Crown Land (UCL) | 121.44973 | -31.5912 |
| 1064 | Coolgardie | Land Administration Act - Unallocated Crown Land (UCL) | 121.41998 | -31.60165 |
| 1065 | Coolgardie | Land Administration Act - Unallocated Crown Land (UCL) | 121.38718 | -31.60528 |
| 1066 | Coolgardie | Land Administration Act - Unallocated Crown Land (UCL) | 121.35587 | -31.60779 |
| 1067 | Coolgardie | Land Administration Act - Unallocated Crown Land (UCL) | 121.32286 | -31.60912 |
| 1068 | Coolgardie | Land Administration Act - Unallocated Crown Land (UCL) | 121.29093 | -31.6131 |
| 1069 | Coolgardie | Land Administration Act - Unallocated Crown Land (UCL) | 121.25914 | -31.619 |
| 1072 | Coolgardie | Land Administration Act - Unallocated Crown Land (UCL) | 121.22718 | -31.62442 |
| 1073 | Coolgardie | Land Administration Act - Unallocated Crown Land (UCL) | 121.21432 | -31.656 |
| 1075 | Coolgardie | Land Administration Act - Unallocated Crown Land (UCL) | 121.21683 | -31.68338 |
| 1076 | Coolgardie | Land Administration Act - Unallocated Crown Land (UCL) | 121.24902 | -31.6746 |
| 1077 | Coolgardie | Land Administration Act - Unallocated Crown Land (UCL) | 121.3108 | -31.58064 |
| 1078 | Coolgardie | Land Administration Act - Unallocated Crown Land (UCL) | 121.3011 | -31.55543 |
| 1079 | Coolgardie | Land Administration Act - Unallocated Crown Land (UCL) | 121.30201 | -31.52901 |

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| 1082 | Coolgardie | Land Administration Act - Unallocated Crown Land (UCL) | 121.29574 | -31.50237 |
| 1083 | Coolgardie | Land Administration Act - Unallocated Crown Land (UCL) | 121.28948 | -31.63749 |
| 1084 | Coolgardie | Land Administration Act - Unallocated Crown Land (UCL) | 121.19527 | -31.62918 |
| 1085 | Coolgardie | Land Administration Act - Unallocated Crown Land (UCL) | 121.16408 | -31.62486 |
| 1086 | Coolgardie | Land Administration Act - Unallocated Crown Land (UCL) | 121.15949 | -31.5975 |
| 1087 | Coolgardie | Land Administration Act - Unallocated Crown Land (UCL) | 121.15935 | -31.57058 |
| 1088 | Coolgardie | Land Administration Act - Unallocated Crown Land (UCL) | 121.14537 | -31.54715 |
| 1090 | Coolgardie | Land Administration Act - Unallocated Crown Land (UCL) | 121.13294 | -31.52249 |
| 1091 | Coolgardie | Land Administration Act - Unallocated Crown Land (UCL) | 121.13494 | -31.49782 |
| 1094 | Coolgardie | Land Administration Act - Unallocated Crown Land (UCL) | 121.14706 | -31.47137 |
| 1096 | Coolgardie | Beekeepers Nature Reserve - CCWA | 121.16079 | -31.44626 |
| 1097 | Coolgardie | Land Administration Act - Unallocated Crown Land (UCL) | 121.17983 | -31.42458 |
| 1101 | Coolgardie | Land Administration Act - Unallocated Crown Land (UCL) | 121.22397 | -31.4198 |
| 1102 | Coolgardie | Land Administration Act - Unallocated Crown Land (UCL) | 121.24532 | -31.43458 |
| 1103 | Coolgardie | Land Administration Act - Unallocated Crown Land (UCL) | 121.25103 | -31.46148 |
| 1104 | Coolgardie | Land Administration Act - Unallocated Crown Land (UCL) | 121.2738 | -31.48112 |
| 1105 | Coolgardie | Land Administration Act - Unallocated Crown Land (UCL) | 121.17528 | -31.35716 |
| 1106 | Coolgardie | Land Administration Act - Unallocated Crown Land (UCL) | 121.15892 | -31.33412 |
| 1109 | Coolgardie | Land Administration Act - Unallocated Crown Land (UCL) | 121.14197 | -31.31188 |
| 1110 | Coolgardie | Land Administration Act - Unallocated Crown Land (UCL) | 121.11812 | -31.29977 |
| 1111 | Coolgardie | Land Administration Act - Unallocated Crown Land (UCL) | 121.09526 | -31.28505 |
| 1114 | Coolgardie | Land Administration Act - Unallocated Crown Land (UCL) | 121.32899 | -31.17191 |
| 1115 | Coolgardie | Land Administration Act - Unallocated Crown Land (UCL) | 121.32824 | -31.19862 |
| 1116 | Coolgardie | Land Administration Act - Unallocated Crown Land (UCL) | 121.26236 | -31.20715 |
| 1117 | Coolgardie | Land Administration Act - Unallocated Crown Land (UCL) | 121.28316 | -31.22833 |
| 1118 | Coolgardie | Land Administration Act - Unallocated Crown Land (UCL) | 121.30592 | -31.24748 |
| 1119 | Coolgardie | Land Administration Act - Unallocated Crown Land (UCL) | 121.32801 | -31.26783 |
| 1120 | Coolgardie | Land Administration Act - Unallocated Crown Land (UCL) | 121.35632 | -31.29204 |
| 1121 | Coolgardie | Land Administration Act - Unallocated Crown Land (UCL) | 121.38394 | -31.27884 |

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| 1122 | Coolgardie | Land Administration Act - Unallocated Crown Land (UCL) | 121.37892 | -31.31197 |
| 1123 | Coolgardie | Land Administration Act - Unallocated Crown Land (UCL) | 121.39307 | -31.3639 |
| 1124 | Coolgardie | Land Administration Act - Unallocated Crown Land (UCL) | 121.37148 | -31.34441 |
| 1125 | Coolgardie | Land Administration Act - Unallocated Crown Land (UCL) | 121.3501 | -31.32321 |
| 1126 | Coolgardie | Land Administration Act - Unallocated Crown Land (UCL) | 121.32656 | -31.30411 |
| 1127 | Coolgardie | Land Administration Act - Unallocated Crown Land (UCL) | 121.27161 | -31.25598 |
| 1128 | Coolgardie | Land Administration Act - Unallocated Crown Land (UCL) | 121.24857 | -31.23669 |
| 1129 | Coolgardie | Land Administration Act - Unallocated Crown Land (UCL) | 121.2279 | -31.21653 |
| 1131 | Coolgardie | Land Administration Act - Unallocated Crown Land (UCL) | 121.2812 | -31.67502 |
| 1132 | Coolgardie | Land Administration Act - Unallocated Crown Land (UCL) | 121.31301 | -31.66746 |
| 1134 | Coolgardie | Land Administration Act - Unallocated Crown Land (UCL) | 121.34025 | -31.65165 |
| 1136 | Coolgardie | Land Administration Act - Unallocated Crown Land (UCL) | 121.37396 | -31.65398 |
| 1137 | Coolgardie | Land Administration Act - Unallocated Crown Land (UCL) | 121.40616 | -31.65191 |
| 1138 | Coolgardie | Land Administration Act - Unallocated Crown Land (UCL) | 121.43114 | -31.63523 |
| 1139 | Coolgardie | Land Administration Act - Unallocated Crown Land (UCL) | 121.477 | -31.634 |
| 1140 | Coolgardie | Land Administration Act - Unallocated Crown Land (UCL) | 121.46923 | -31.66068 |
| 1141 | Coolgardie | Land Administration Act - Unallocated Crown Land (UCL) | 121.46899 | -31.68805 |
| 1144 | Coolgardie | Land Administration Act - Unallocated Crown Land (UCL) | 121.451711 | -31.753638 |
| 1145 | Coolgardie | Land Administration Act - Unallocated Crown Land (UCL) | 121.42292 | -31.74908 |
| 1146 | Dundus | Land Administration Act - Unallocated Crown Land (UCL) | 121.38988 | -31.75034 |
| 1147 | Dundus | Land Administration Act - Unallocated Crown Land (UCL) | 121.3482 | -31.75043 |
| 1148 | Dundus | Land Administration Act - Unallocated Crown Land (UCL) | 121.3176 | -31.76232 |
| 1149 | Dundus | Land Administration Act - Unallocated Crown Land (UCL) | 121.28904 | -31.775 |
| 1152 | Dundus | Land Administration Act - Unallocated Crown Land (UCL) | 121.36834 | -31.72905 |
| 1153 | Dundus | Land Administration Act - Unallocated Crown Land (UCL) | 121.33828 | -31.71762 |
| 1154 | Dundus | Land Administration Act - Unallocated Crown Land (UCL) | 121.30981 | -31.70348 |
| 1156 | Dundus | Land Administration Act - Unallocated Crown Land (UCL) | 121.278012 | -31.44748 |
| 1157 | Dundus | Land Administration Act - Unallocated Crown Land (UCL) | 121.3058 | -31.46504 |
| 1337 | Dundus | Land Administration Act - Unallocated | 121.180437 | -31.6591407 |

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| | | Crown Land (UCL) | | |
| 1338 | Dundus | Land Administration Act - Unallocated Crown Land (UCL) | 121.130638 | -31.6708234 |
| 1339 | Dundus | Land Administration Act - Unallocated Crown Land (UCL) | 121.079605 | -31.690586 |
| 1341 | Dundus | Land Administration Act - Unallocated Crown Land (UCL) | 121.026876 | -31.6897813 |
| 1340 | Dundus | Land Administration Act - Unallocated Crown Land (UCL) | 121.079988 | -31.6463932 |
| 1342 | Dundus | Land Administration Act - Unallocated Crown Land (UCL) | 121.521945 | -32.4447263 |
| 1343 | Dundus | Land Administration Act - Unallocated Crown Land (UCL) | 121.593438 | -32.4473334 |
| 1344 | Dundus | Land Administration Act - Unallocated Crown Land (UCL) | 121.642249 | -32.4555444 |
| 1347 | Dundus | Land Administration Act - Unallocated Crown Land (UCL) | 121.630651 | -32.4838376 |
| 1348 | Dundus | Land Administration Act - Unallocated Crown Land (UCL) | 121.676 | -32.4574887 |
| 1352 | Dundus | Land Administration Act - Unallocated Crown Land (UCL) | 121.724419 | -32.4753531 |
| 1353 | Dundus | Land Administration Act - Unallocated Crown Land (UCL) | 121.760737 | -32.5041298 |
| 1356 | Dundus | Land Administration Act - Unallocated Crown Land (UCL) | 121.661158 | -32.5436996 |
| 1362 | Dundus | Land Administration Act - Unallocated Crown Land (UCL) | 121.610356 | -32.5233047 |
| 1363 | Dundus | Land Administration Act - Unallocated Crown Land (UCL) | 121.550446 | -32.508197 |
| 1364 | Dundus | Land Administration Act - Unallocated Crown Land (UCL) | 121.532995 | -32.550387 |
| 1365 | Dundus | Land Administration Act - Unallocated Crown Land (UCL) | 121.588196 | -32.5447058 |
| 1366 | Dundus | Land Administration Act - Unallocated Crown Land (UCL) | 121.63671 | -32.5759092 |
| 1367 | Dundus | Land Administration Act - Unallocated Crown Land (UCL) | 121.272361 | -32.1867472 |
| 1368 | Dundus | Land Administration Act - Unallocated Crown Land (UCL) | 121.481642 | -32.1822231 |
| 1369 | Dundus | Land Administration Act - Unallocated Crown Land (UCL) | 120.757299 | -31.63752329 |
| 1370 | Dundus | Land Administration Act - Unallocated Crown Land (UCL) | 120.864009 | -31.63890311 |
| 1371 | Dundus | Land Administration Act - Unallocated Crown Land (UCL) | 120.785524 | -31.7142293 |
| 1372 | Dundus | Land Administration Act - Unallocated Crown Land (UCL) | 120.887395 | -31.6537236 |
| 1373 | Dundus | Land Administration Act - Unallocated Crown Land (UCL) | 120.922591 | -31.6831644 |
| 1374 | Dundus | Land Administration Act - Unallocated Crown Land (UCL) | 120.975664 | -31.679959 |
| 1438 | Dundus | Land Administration Act - Unallocated Crown Land (UCL) | 121.664443 | -32.4115959 |
| 1569 | Dundus | Land Administration Act - Unallocated Crown Land (UCL) | 121.46673 | -32.2076469 |
| 1594 | Dundus | Land Administration Act - Unallocated Crown Land (UCL) | 121.348591 | -31.4093497 |

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| 1595 | Dundus | Land Administration Act - Unallocated Crown Land (UCL) | 121.31681 | -31.3948172 |
| 1596 | Dundus | Land Administration Act - Unallocated Crown Land (UCL) | 121.276381 | -31.3916967 |
| 1597 | Dundus | Land Administration Act - Unallocated Crown Land (UCL) | 121.245057 | -31.3930702 |
| 1598 | Dundus | Land Administration Act - Unallocated Crown Land (UCL) | 121.167606 | -31.4917911 |
| 1599 | Dundus | Land Administration Act - Unallocated Crown Land (UCL) | 121.212131 | -32.0060174 |
| 1600 | Dundus | Land Administration Act - Unallocated Crown Land (UCL) | 121.264861 | -32.0087475 |
| 1601 | Dundus | Land Administration Act - Unallocated Crown Land (UCL) | 121.317332 | -32.0176414 |
| 1602 | Dundus | Land Administration Act - Unallocated Crown Land (UCL) | 121.369882 | -32.0217058 |
| 1603 | Dundus | Land Administration Act - Unallocated Crown Land (UCL) | 121.422831 | -32.0188755 |
| 1604 | Dundus | Land Administration Act - Unallocated Crown Land (UCL) | 121.476285 | -32.0177674 |
| 1613 | Dundus | Land Administration Act - Unallocated Crown Land (UCL) | 121.162095 | -31.5102517 |
| 1614 | Dundus | Land Administration Act - Unallocated Crown Land (UCL) | 121.118228 | -31.6341567 |
| 1615 | Dundus | Land Administration Act - Unallocated Crown Land (UCL) | 121.040315 | -31.6340821 |
| 1616 | Dundus | Land Administration Act - Unallocated Crown Land (UCL) | 121.004229 | -31.6335005 |
| 1617 | Dundus | Land Administration Act - Unallocated Crown Land (UCL) | 120.966948 | -31.6335441 |
| 1618 | Dundus | Land Administration Act - Unallocated Crown Land (UCL) | 120.929902 | -31.6335791 |
| 1619 | Dundus | Land Administration Act - Unallocated Crown Land (UCL) | 120.894708 | -31.6333166 |
| 1620 | Dundus | Land Administration Act - Unallocated Crown Land (UCL) | 120.833731 | -31.6336741 |
| 1621 | Dundus | Land Administration Act - Unallocated Crown Land (UCL) | 120.797224 | -31.6334377 |
| 1628 | Dundus | Land Administration Act - Unallocated Crown Land (UCL) | 121.56501 | -32.5727956 |
| 1629 | Dundus | Land Administration Act - Unallocated Crown Land (UCL) | 115.321631 | -32.745539 |
| 1630 | Esperance | Land Administration Act - Unallocated Crown Land (UCL) | 121.365496 | -32.7055151 |
| 1605 | Esperance | Land Administration Act - Unallocated Crown Land (UCL) | 121.36252 | -32.4815385 |
| 1631 | Esperance | Land Administration Act - Unallocated Crown Land (UCL) | 121.363213 | -32.4432147 |
| 1632 | Esperance | Land Administration Act - Unallocated Crown Land (UCL) | 121.373416 | -32.4081717 |
| 1633 | Esperance | Land Administration Act - Unallocated Crown Land (UCL) | 121.410096 | -32.3779737 |
| 1634 | Esperance | Land Administration Act - Unallocated Crown Land (UCL) | 121.433787 | -32.3602294 |
| 1635 | Dundus | Land Administration Act - Unallocated Crown Land (UCL) | 121.378184 | -32.3793705 |
| 1636 | Dundus | Land Administration Act - Unallocated | 121.344995 | -32.3924687 |

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| | | Crown Land (UCL) | | |
| 1637 | Dundus | Land Administration Act - Unallocated Crown Land (UCL) | 121.300683 | -32.2322305 |
| 1638 | Dundus | Land Administration Act - Unallocated Crown Land (UCL) | 121.323857 | -32.2126961 |
| 1639 | Dundus | Land Administration Act - Unallocated Crown Land (UCL) | 121.192102 | -31.9538152 |
| 1640 | Dundus | Land Administration Act - Unallocated Crown Land (UCL) | 121.233351 | -31.954396 |
| 1641 | Dundus | Land Administration Act - Unallocated Crown Land (UCL) | 121.279378 | -31.96185258 |
| 1642 | Dundus | Land Administration Act - Unallocated Crown Land (UCL) | 121.319355 | -31.9375228 |
| 1643 | Dundus | Land Administration Act - Unallocated Crown Land (UCL) | 121.357635 | -31.9262971 |
| 1644 | Dundus | Land Administration Act - Unallocated Crown Land (UCL) | 121.395826 | -31.9209899 |
| 1645 | Dundus | Land Administration Act - Unallocated Crown Land (UCL) | 121.415355 | -31.8909486 |
| 1647 | Dundus | Land Administration Act - Unallocated Crown Land (UCL) | 121.42856 | -31.860443 |
| 1648 | Dundus | Land Administration Act - Unallocated Crown Land (UCL) | 121.513981 | -32.5796152 |
| 1650 | Dundus | Land Administration Act - Unallocated Crown Land (UCL) | 121.359916 | -32.50771914 |
| 1651 | Esperance | Land Administration Act - Unallocated Crown Land (UCL) | 121.425905 | -32.5080529 |
| 1652 | Esperance | Land Administration Act - Unallocated Crown Land (UCL) | 121.410572 | -32.5340873 |
| 1653 | Esperance | Land Administration Act - Unallocated Crown Land (UCL) | 121.470253 | -32.5293448 |
| 1654 | Esperance | Land Administration Act - Unallocated Crown Land (UCL) | 121.455364 | -32.5593797 |
| 1370 | Esperance | Land Administration Act - Unallocated Crown Land (UCL) | 120.864009 | -31.63890311 |

3. Area of clearing

- (a) The Permit Holder must not clear more than 7.3 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 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 to the *CALM Act*.

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 species composition, structure and density of the cleared area;
- (b) 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;
- (c) the date that the area was cleared; and
- (d) 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 4 April 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 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*, relates;

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*

9 June 2011



1. Application details

1.1. Permit application details

Permit application No.: 4340/1
Permit type: Purpose Permit

1.2. Proponent details

Proponent's name: Honey Research and Development Pty Ltd

1.3. Property details

Property: Unallocated Crown Land throughout Shire of Esperance, Dundus and Coolgardie
Local Government Area: Shire of Esperance, Shire of Dundus and Shire of Coolgardie
Colloquial name:

1.4. Application

| | | | |
|--------------------|-----------|--------------------|---------------------|
| Clearing Area (ha) | No. Trees | Method of Clearing | For the purpose of: |
| 7.3 | | Cutting | Miscellaneous |

1.5. Decision on application

Decision on Permit Application: Granted
Decision Date: 9 June 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 |
|--|---|--|--|
| Beard Vegetation Association: 125: Bare areas; salt lakes 435: Shrublands; <i>Acacia neurophylla</i> , <i>A. beauverdiana</i> & <i>A. resinomarginea</i> thicket 486: Mosaic: Medium woodland; salmon gum & red mallee / Shrublands; mallee scrub <i>Eucalyptus eremophila</i> 522: Medium woodland; redwood (<i>Eucalyptus transcontinentalis</i>) & merrit (<i>E. floctoniae</i>) 936: Medium woodland; salmon gum 1413: Shrublands; acacia, casuarina & melaleuca thicket 3106: Medium woodland; salmon gum & Dundas blackbutt (Shepherd 2009) | The proposed clearing of 7.3 ha for the purpose of maintaining 146 apiary sites with 0.05ha of clearing per site. | Good: Structure significantly altered by multiple disturbance; retains basic structure/ability to regenerate (Keighery 1994) | The condition of the vegetation was established from aerial photography and that they are existing apiary sites. |

3. Assessment of application against clearing principles

Comments

This application is for the proposed clearing of approximately 7.3 hectares of native vegetation across 146 sites within Unallocated Crown Land within the local government areas of the Shire of Esperance, Dundus and Coolgardie for the purpose of apiary site maintenance. The apiary sites are authorised under the Conservation and Land Management Act 1984. The proposal affects approximately 0.05 hectare of regrowth within each apiary site.

It is not considered that the proposed clearing will impact on rare flora, extensively cleared vegetation communities or cause land degradation.

Nine of the apiary sites are located within 2 km of priority flora species, including six Priority 1, two Priority 3 and one Priority 2 flora species. Given the small scale of the proposed clearing within each apiary site, it is not expected to have an impact on biological diversity or priority flora species. It is considered that the proposed clearing is not likely to be at variance with principle (a).

All of the apiary sites are likely to include habitat for indigenous fauna (including species of conservation significance), as they are located in the Great Western Woodlands and in areas that generally contain extensive

native vegetation cover. Given the small scale of the proposed clearing within each apiary site, it is not expected to have an impact on significant fauna habitat. It is considered that the proposed clearing is not likely to be at variance with principle (b). However, given the location of the majority of the apiary sites within the Great Western Woodlands, which is an internationally significant area of great biological richness, a weed management condition shall be placed on the permit.

Seven of the apiary sites are located within 200 metres of watercourses with one of the apiary sites located within 50 metres of a watercourse. The proposed clearing within these apiary sites may include vegetation growing in association with a watercourse. It is considered that the proposed clearing may be at variance with principle (f), however given the small scale of the proposed clearing the impacts are likely to be minimal.

Methodology GIS datasets
- Pre-European Vegetation
- Hydrography, linear
- SAC biodatsets (accessed 17/5/2011)

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

Comments

A submission was received from the Shire of Esperance (2011) advising that under its Health Local Law 2002 Division 7, the keeping of bees anywhere in the district requires local government approval. No request for approval has been submitted to the Shire. In addition, the Shire states that under the WA Beekeepers Act (1963) all persons keeping bees are required to register with the Department of Agriculture and Food and to brand their beehives with a registered hive brand. The applicant should ensure compliance with any local government requirements.

None of the apiary sites are located within Aboriginal Sites of Significance.

None of the apiary sites occur within PDWSAs, within Rights in Water and Irrigation Act 1914 areas or Country Areas Water Supply Act 1947 areas.

In relation to the proximity of apiary sites to declared rare and priority flora, there may be requirements under the Wildlife Conservation Act 1950 and/or the Commonwealth Environment Protection and Biodiversity Conservation Act 1999. The applicant should ensure compliance with any requirements under this legislation.

Methodology References
-Shire fo Esperance (2011)

4. References

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. (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.

Shire of Esperance (2011) Submission for CPS 4340/1 - Honey Research and Development Pty Ltd - various apiary sites throughout the Shire of Esperance. DEC ref A399002

5. Glossary

| Term | Meaning |
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| 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) |