



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

PERMIT DETAILS

Area Permit Number: 3422/2

File Number: DEC13665

Duration of Permit: From 29 August 2010 to 29 August 2013

PERMIT HOLDER

Galwey Horticultural Pty Ltd

LAND ON WHICH CLEARING IS TO BE DONE

Lot 296 on Plan 190154

AUTHORISED ACTIVITY

Clearing of up to 97.33 hectares of native vegetation within the areas hatched yellow on attached Plan 3422/2.

CONDITIONS

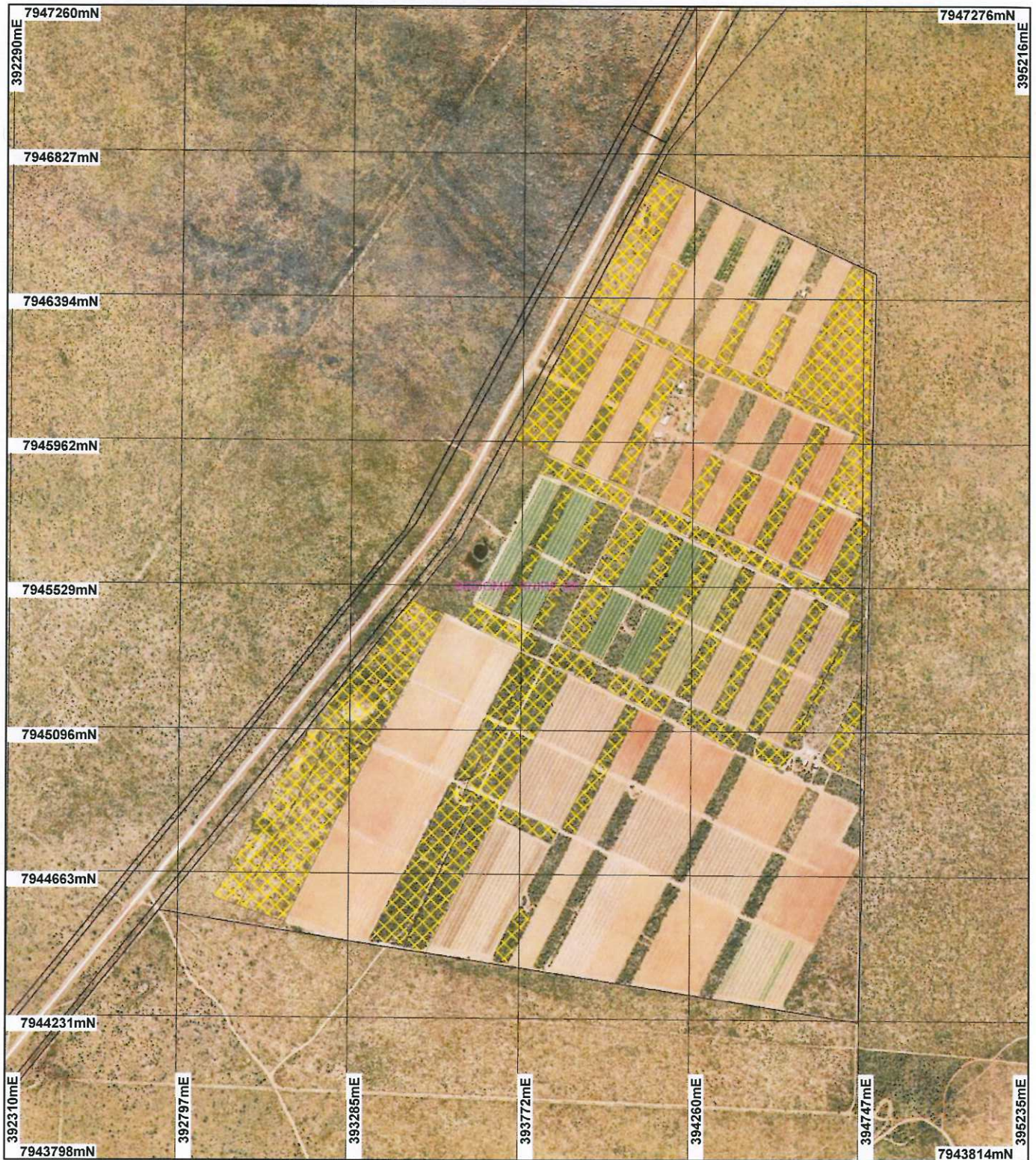
Nil.

Kelly Faulkner
MANAGER
NATIVE VEGETATION CONSERVATION BRANCH

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

15 December 2010

Plan 3422/2



LEGEND

- Clearing Instruments**
- Areas Approved to Clear
 - Cadastral
 - Local Government Authorities

Lagrange 50cm Orthomosaic -
Landgate 2004



0 375 m

Scale 1:16000

(Approximate when reproduced at A4)

Geocentric Datum Australia 1994

Note: the data in this map have not been projected. This may result in geometric distortion or measurement inaccuracies.

[Signature] Date 15/12/10
K Faulkner

Officer with delegated authority under Section 20 of
the Environmental Protection Act 1986

Information derived from this map should be
confirmed with the data custodian acknowledged
by the agency acronym in the legend.



Department of
Environment and Conservation

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1. Application details

1.1. Permit application details

Permit application No.: 3422/2
Permit type: Area Permit

1.2. Proponent details

Proponent's name: Galwey Horticultural Pty Ltd

1.3. Property details

Property: LOT 296 ON PLAN 190154 (LAGRANGE 6725)
Local Government Area:
Colloquial name:

1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
81.7		Mechanical Removal	Horticulture
15.63		Mechanical Removal	Road construction or maintenance

1.5. Decision on application

Decision on Permit Application: Granted
Decision Date: 15 December 2010

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 699: shrublands, pindan; Acacia eripoda shrubland with scattered low bloodwood (<i>Eucalyptus dicromophloia</i>) and <i>E. setosa</i> over soft and curly spinifex on sandplain. (Shepherd 2007).	The amended proposal is to clear 97.33ha of native vegetation between and surrounding existing cleared horticultural land to install a pivot irrigator and for horticulture.	Good: Structure significantly altered by multiple disturbance; retains basic structure/ability to regenerate (Keighery 1994)	The vegetation condition was determined from aerial imagery - La Grange 50cm Orthomosaic -Landgate 2004.

3. Assessment of application against clearing principles

Comments

The amended proposal is to clear 97.33 ha of native vegetation surrounding and between existing cleared horticultural land for the installation of a centre pivot irrigator, horticulture and access roads. This is an increase of 15.63ha from CPS 3422/1. The vegetation is considered to be in good (Keighery 1994) condition and is mapped as vegetation association 699: shrublands, pindan; Acacia eripoda shrubland with scattered low bloodwood (*Eucalyptus dicromophloia*) and *E. setosa* over soft and curly spinifex on sandplain (Shepherd 2007). The local area is approximately 100% vegetated, and approximately 99.5% of the pre-European extent of the vegetation association remaining (Shepherd 2007).

There are no known rare or priority flora, or threatened or priority ecological communities, within the local area (20 km radius). Two rare and three priority fauna species have been recorded within the local area, including four records of *Macrotis lagotis* (Bilby) on the same property. However, as the proposed clearing is of vegetation between and surrounding existing cleared horticultural land, it is unlikely for these species to be found within the application area. Additionally, given the high percentage of native vegetation remaining in the local area (close to 100%), it is unlikely that the vegetation under application would comprise significant habitat for indigenous flora or fauna.

No rivers, watercourses or wetlands flow through the application area, with the closest wetland being a series of claypans 8.8km west of the proposed clearing. Additionally, no conservation areas are mapped within 20km of the application.

The area proposed to be cleared contains 'Pindan' soils, which are commonly low lying sand plains with through going drainage, and red sands/yellow loam soils with little clay (DAFWA, 2008). Given the porous soils and low topography, water erosion, waterlogging or flooding is unlikely to result from the proposed clearing. However, as pindan soils are susceptible to wind erosion, clearing of the applied area may cause appreciable land degradation in the form of wind erosion (DAFWA, 2009).

Given the above, it is considered the proposed clearing may be at variance to principle (g), and is not likely to

be at variance to the remaining principles.

- Methodology** **References:**
- DAFWA (2008)
 - DAFWA (2009)
 - Keighery (1994)
 - Shepherd (2007)
- GIS databases:**
- DEC Tenure
 - SAC Biodatasets - accessed 2 Dec 09
 - Pre European Vegetation
 - Clearing Regulations, Environmentally Sensitive Areas
 - NLWRA, Current Extent of Native Vegetation
 - Hydrography linear
 - Soils, Statewide
 - Interim Biogeographic Regionalisation of Australia

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

Comments

On the 19 October 2010, Galwey Horticultural Pty Ltd applied to amend their clearing permit CPS 3422/1, to increase the amount of clearing from 81.7 hectares to 97.33 hectares to allow for the clearing for machinery access roads.

The application is within the Canning-Kimberley RIWI Act Groundwater area. A water licence is required for the proposed works, which has been provided to DEC (Galwey Horticultural Pty Ltd, 2010).

- Methodology** **Reference:**
- Galwey Horticultural Pty Ltd (2010)
- GIS database:**
- RIWI Act, Groundwater Areas

4. References

- DAFWA, (2008), Regional advice for clearing permit application 2658/1, Department of Agriculture and Food WA. Perth. (DEC Ref DOC 67388 and DOC 67493)
- DAFWA, (2009), Regional advice for clearing permit application 3422/1, Department of Agriculture and Food WA. Perth. (DEC Ref DOC 113452)
- Galwey Horticultural Pty Ltd, (2010), Department of Water Licence To Take Water (Email), Galwey Horticultural Pty Ltd. (DEC Ref A320926)
- 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. (2007) 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)