



GOVERNMENT OF
WESTERN AUSTRALIA

CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

PERMIT DETAILS

Purpose Permit Number: 4648/1

File Number: 2011/009454

Duration of Permit: From 12 December 2011 to 12 December 2013

PERMIT HOLDER

Marinestar Holdings Pty Ltd

LAND ON WHICH CLEARING IS TO BE DONE

Commonage Road reserve (Quindalup 6281)

PURPOSE FOR WHICH THE CLEARING MAY BE DONE

Clearing for the purpose of installing drainage

CONDITIONS

1. Area of Clearing

The Permit Holder shall not clear more than 0.2 hectares of native vegetation within the area shaded yellow on attached Plan 4648.

2. 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.

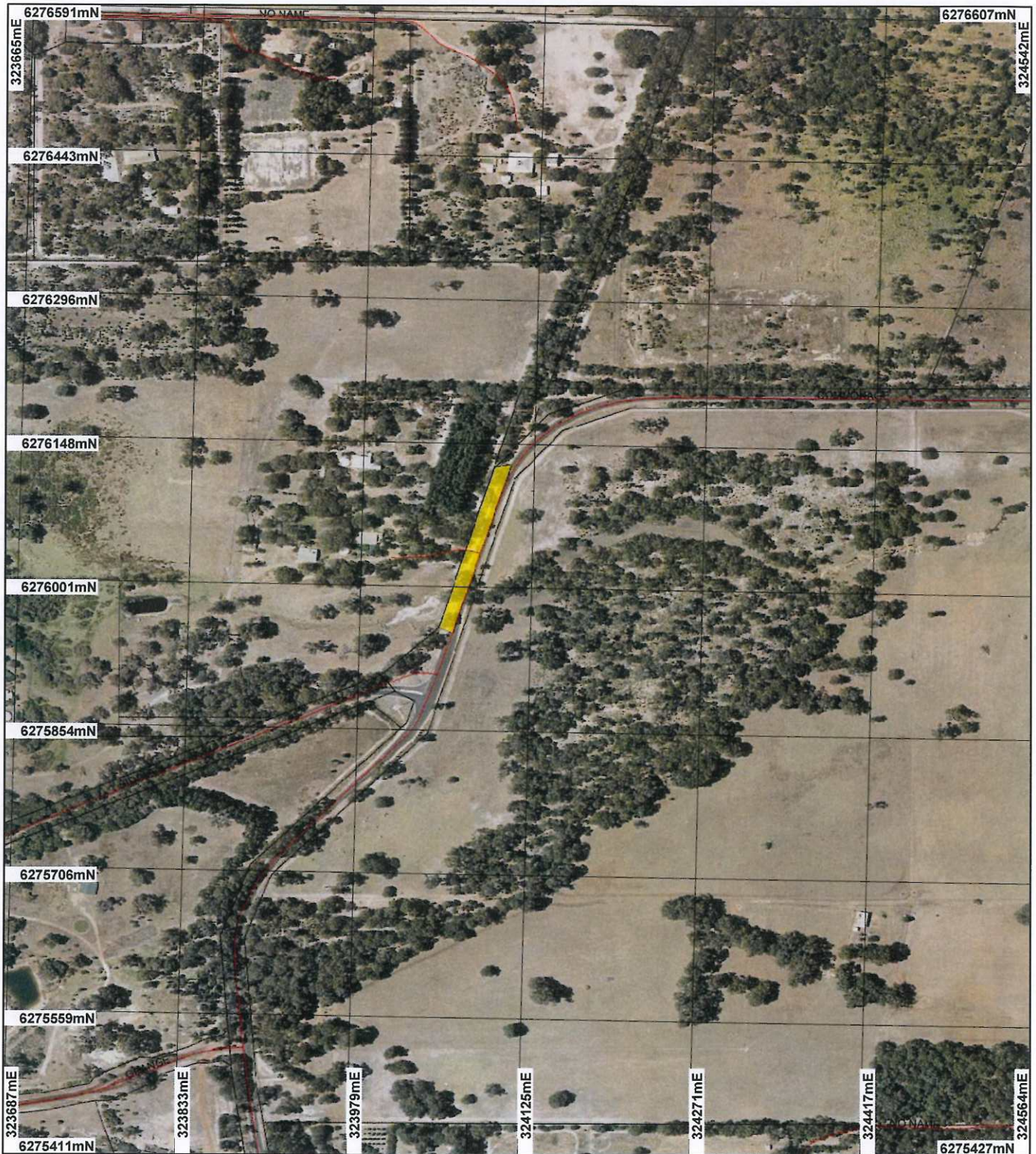
A handwritten signature in black ink, appearing to read 'K Faulkner', written over a horizontal line.

Kelly Faulkner
MANAGER
NATIVE VEGETATION CONSERVATION BRANCH

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

16 November 2011

Plan 4648/1



LEGEND

Clearing Instruments

- Areas Approved to Clear
- Road Centrelines
- Cadastre
- Busselton 50cm Orthomosaic - Landgate 2007



Scale 1:5195
(Approximate when reproduced at A4)

Geocentric Datum Australia 1994

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

[Signature] Date 16/4/11

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.



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1. Application details

1.1. Permit application details

Permit application No.: 4648/1
Permit type: Purpose Permit

1.2. Proponent details

Proponent's name: Marinestar Holdings Pty Ltd

1.3. Property details

Property: ROAD RESERVE (QUINDALUP 6281)
Local Government Area: Shire of Busselton
Colloquial name: Commonage Road reserve

1.4. Application

| Clearing Area (ha) | No. Trees | Method of Clearing | For the purpose of: |
|--------------------|-----------|--------------------|---------------------|
| 0.2 | | Mechanical Removal | Drainage |

1.5. Decision on application

Decision on Permit Application: Grant
Decision Date: 16 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 area under application is mapped as Beard Vegetation Association 1136, which Shepherd (2009) describes as 'Medium woodland; marri with some jarrah, wandoo, river gum and casuarina'. | This application is proposing to clear 0.2 hectares of native vegetation within Commonage Road reserve, Quindalup, for the purpose of installing drainage. The vegetation consisted predominantly of <i>Corymbia calophylla</i> trees with some <i>Agonis flexuosa</i> trees at the northern end of the applied area and one <i>Nuytsia floribunda</i> tree over a small number of native species such as <i>Xanthorrhoea preissii</i> , <i>Hibbertia hypericoides</i> , <i>Mesomelaena tetragona</i> and <i>Lepidosperma squamatum</i> . Kikuyu grass and other weeds dominate the groundcover (DEC, 2011). | Degraded: Structure severely disturbed; regeneration to good condition requires intensive management (Keighery 1994) | The condition of the vegetation was determined via a site inspection (DEC, 2011). |

3. Assessment of application against clearing principles

Comments

This application proposes to clear 0.2 hectares of native vegetation within Commonage Road reserve, Quindalup, for the purposed of installing drainage.

Given the small size and degraded (Keighery, 1994) condition of the area under application it is unlikely that the proposed clearing will negatively impact upon biodiversity, fauna, groundwater quality, or is it likely cause appreciable land degradation in the local area. Therefore the proposed clearing is not likely to be at variance to any of the clearing principles.

Methodology

References:
Keighery (1994)

GIS Database:
- Busselton 50cm Orthomosaic - Landgate 2007
- SAC Biodatasets - Accessed November 2011
- Pre European Vegetation

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

Comments

The Chief Executive Officer of the Shire of Busselton endorses the developer of Lot 500 Commonage Rd to remove vegetation located with Commonage Road reserve (Shire of Busselton, 2011).

The drainage works proposed under this application are associated with an approved subdivision on adjacent land.

No public submissions have been received in relation to this application.

Methodology

References:

Shire of Busselton

4. References

DEC (2011) Site Inspection Report for Clearing Permit Application CPS 4648/1, Commonage Road reserve, Quindalup. Site inspection undertaken 26/10/11. Department of Environment and Conservation, Western Australia (DEC Ref: A445673).

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 Busselton (2011) Commonage Rd, Quindalup - Letter of Authority to Removal Vegetation (DEC Ref: A437918).

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) |