



1. Application details

1.1. Permit application details

Permit application No.: 2313/1
Permit type: Purpose Permit

1.2. Proponent details

Proponent's name: Shire of Nannup

1.3. Property details

Property: ROAD RESERVE
STATE FOREST 36
Local Government Area: Shire Of Nannup
Colloquial name:

1.4. Application

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

2. Assessment of application against clearing principles

Comments

The proposal to clear 1.5ha of native vegetation for the purpose of road construction or maintenance may have detrimental environmental impacts.

One declared rare flora in the local area (*Meziella trifida*) however it is unlikely to occur in the applied area due to the different vegetation types.

The local area (10km radius) is highly vegetated therefore it is not likely to be significant as fauna habitat.

No threatened ecological communities have been identified in the vicinity of the project (10km radius)..

The proposal is within a high to moderate salinity risk area and exists within the Donnelly River hydrographic Catchment (Basin) clearing is unlikely to impact on land degradation or water quality given the high vegetation representation.

Given the proposal is within State Forest it may be at variance to clearing principle (h) given likely impact on the conservation values in the area, therefore if granted conditions to revegetate area on completion of works will be imposed. The proposal is unlikely to be at variance to the remaining principles.

Methodology

GIS Database:

- Clearing Regulations – Environmentally Sensitive Areas
- SAC Biodatasets
- EPA Position Paper Number 2, Agricultural regions
- Maitiske Vegetation Complexes
- Pre-European vegetation
- Interim Biogeographic Regionalisation of Australia
- Hydrography, linear
- Geomorphic Wetlands (Classification), Swan Coastal Plain
- EPP, Areas
- EPP, Lakes
- Acid Sulfate Soil Risk Map, Swan Coastal Plain
- Soils, statewide
- Groundwater Salinity, statewide
- Hydrogeology, statewide
- Topographic contours, statewide
- Rainfall, Mean Annual
- Evapotranspiration, Areal Actual
- Public Drinking Water Source Areas (PDWSAs)
- Hydrogeographic Catchments, Basins
- Hydrogeographic Catchments, Catchments
- Hydrogeographic Catchments, Divisions
- Hydrogeographic Catchments, Subcatchments

- CALM Managed Lands & Waters

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

Comments

There is a registered Native Title Claim which encompasses the applied area however as the area is not freehold land (Road Reserve and State Forest 36) a future act is not triggered.

It is considered that the clearing as proposed is unlikely to be at variance with to any of the clearing principles.

Methodology

GIS Database:

- Native Title Claims

3. Assessor's comments

Purpose	Method	Applied area (ha)/ trees	Comment
Road construction or Removal maintenance	Mechanical	1.5	The assessable criteria have been addressed and the clearing as proposed is unlikely to be at variance with any of the Principles. Supply of gravel and rocks for the upgrade to Pneumonia road for road construction and water crossings.

4. References

- Hedde, 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.
- Northcote, K. H. with Beckmann G G, Bettenay E., Churchward H. M., van Dijk D. C., Dimmock G. M., Hubble G. D., Isbell R. F., McArthur W. M., Murtha G. G., Nicolls K. D., Paton T. R., Thompson C. H., Webb A. A. and Wright M. J. (1960-68): 'Atlas of Australian Soils, Sheets 1 to 10, with explanatory data'. CSIRO and Melbourne University Press: Melbourne.
- Shepherd, D.P., Beeston, G.R. and Hopkins, A.J.M. (2001) Native Vegetation in Western Australia, Extent, Type and Status. Resource Management Technical Report 249. Department of Agriculture, Western Australia.

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)