



1. Application details

1.1. Permit application details

Permit application No.: 2282/2
 Permit type: Area Permit

1.2. Proponent details

Proponent's name: Town of Bassendean

1.3. Property details

Property: DOLA_LAND_DESCRIPTION
 Local Government Area: LGA
 Colloquial name: COLLOQUIAL_NAME

1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
	4	Cutting	Building or Structure

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 1009: Medium woodland; marri & river gum.	The proposed clearing is for 4 trees	Completely Degraded: No longer intact; completely/almost completely without native species (Keighery 1994)	The condition and description of the vegetation was determined via the use of aerial mapping.

3. Assessment of application against clearing principles

(a) Native vegetation should not be cleared if it comprises a high level of biological diversity.

Comments **Proposal is not at variance to this Principle**
 The proposed clearing consists of 4 tree's. The trees are of a degraded condition (Keighery, 1994) and are not representative of vegetation considered to be of a high level of biological diversity.

Methodology Keighery (1994)
 GIS Datasets:
 - Swan Coastal Plain North 20cm Orthomosaic DLI06
 - Pre-European Vegetation
 SacBioDatasets (accessed 170108)

(b) Native vegetation should not be cleared if it comprises the whole or a part of, or is necessary for the maintenance of, a significant habitat for fauna indigenous to Western Australia.

Comments **Proposal is not at variance to this Principle**
 Due to the application applying to 4 trees, the species and the condition of the trees, it is unlikely to be of importance to the maintenance of a significant habitat for fauna indigenous to Western Australia.

Methodology GIS Datasets:
 - Swan Coastal Plain North 20cm Orthomosaic DLI06
 SacBioDatasets (accessed 170108)

(c) Native vegetation should not be cleared if it includes, or is necessary for the continued existence of, rare flora.

Comments **Proposal is not at variance to this Principle**
 The proposed clearing of 4 trees will not impact on the existence of any significant flora.

Methodology GIS Datasets:

- Swan Coastal Plain North 20cm Orthomosaic DLI06
SacBioDatasets (accessed 170108)

(d) Native vegetation should not be cleared if it comprises the whole or a part of, or is necessary for the maintenance of a threatened ecological community.

Comments Proposal is not at variance to this Principle

The 4 trees under application are not considered to be part of, or necessary for the maintenance of a significant ecological community.

Methodology GIS Datasets:

- Swan Coastal Plain North 20cm Orthomosaic DLI06
- Threatened Ecological Communities
SacBioDatasets (170108)

(e) Native vegetation should not be cleared if it is significant as a remnant of native vegetation in an area that has been extensively cleared.

Comments Proposal is not likely to be at variance to this Principle

The 4 trees that are under application are part of the Beard Vegetation Association 1009. Beard Vegetation 1009 has only 6.5% of Pre-European vegetation remaining, and within the Shire of Bassendean, only 2.6% of Pre-European vegetation remains (Shepherd et al. 2006).

Despite the low vegetation representation within the Shire and the Vegetation Association, it is considered that the clearing of 4 tree's will not effect remnant vegetation associations within the local or regional area.

Methodology Shepherd et al. (2006)

GIS Datasets:

- Swan Coastal Plain North 20cm Orthomosaic DLI06

(f) Native vegetation should not be cleared if it is growing in, or in association with, an environment associated with a watercourse or wetland.

Comments Proposal is not at variance to this Principle

Although the the 4 trees under application are within 50 metres of a watercourse/wetland, due to the condition of the area it is not considered the proposed clearing is associated with a watercourse or wetland.

Methodology Keighery (1994)

GIS Datasets:

- Swan Coastal Plain North 20cm Orthomosaic DLI06

(g) Native vegetation should not be cleared if the clearing of the vegetation is likely to cause appreciable land degradation.

Comments Proposal is not at variance to this Principle

It is considered that the clearing of 4 trees will not cause appreciable land degradation in the immediate or local area.

Methodology GIS Datasets:

- Swan Coastal Plain North 20cm Orthomosaic DLI06
- Soils, Statewide
- Pre-European Vegetation
- Elevation

(h) Native vegetation should not be cleared if the clearing of the vegetation is likely to have an impact on the environmental values of any adjacent or nearby conservation area.

Comments Proposal is not likely to be at variance to this Principle

The 4 trees under application are within 50 metres of a conservation area, yet due to the condition of the area, the clearing of the 4 trees will not impact on the nearby conservation area.

Methodology GIS Datasets:

- Orthomosaic Swan Coastal Plain North 20cm
- Calm Managed Lands And Waters

(i) Native vegetation should not be cleared if the clearing of the vegetation is likely to cause deterioration in the quality of surface or underground water.

Comments Proposal is not at variance to this Principle

It is considered that the clearing of 4 trees will not impact groundwater or surface water quality.

Methodology GIS Datasets:

- Swan Coastal Plain North 20cm Orthomosaic DLI06
- Groundwater Salinity, Statewide

(j) Native vegetation should not be cleared if clearing the vegetation is likely to cause, or exacerbate, the incidence or intensity of flooding.

Comments Proposal is not at variance to this Principle

It is considered that the clearing of the 4 trees under application will not impact or exacerbate the likelihood of flooding.

Methodology GIS Datasets:

- Swan Coastal Plain North 20cm Orthomosaic DLI06

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

Comments

No submissions have been received in relation to this principle.

Methodology

4. Assessor's comments

Purpose	Method	Applied area (ha)/ trees	Comment
Building or Structure	Cutting	4	The assessment against clearing has found that: - Principles (a), (b), (c), (d), (f), (i) & (j) are not at variance - Principles (e) & (h) are not likely to be at variance

5. 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., Beeston, G.R. and Hopkins, A.J.M. (2001a) Native Vegetation in Western Australia, Extent, Type and Status. Resource Management Technical Report 249. Department of Agriculture, Western Australia (updated 2006).

6. 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)

