



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

PERMIT DETAILS

Area Permit Number: CPS 7966/1

Duration of Permit: From 26 June 2018 to 26 June 2020

PERMIT HOLDER

Mr Ian Paul Coulson

LAND ON WHICH CLEARING IS TO BE DONE

LOT 4 ON DIAGRAM 77903, NORNALUP

AUTHORISED ACTIVITY

The Permit Holder shall not clear more than 0.32 hectares of native vegetation within the area hatched yellow on attached Plan 7966/1.

CONDITIONS

1. Avoid, minimise and reduce the impacts and extent of 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.

2. 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*:

- (a) clean earth-moving machinery of soil and vegetation prior to entering and leaving the area to be cleared;
- (b) ensure that no *weed*-affected soil, *mulch*, *fill* or other material is brought into the area to be cleared; and
- (c) restrict the movement of machines and other vehicles to the limits of the areas to be cleared.

3. Records must be kept

The Permit Holder must maintain the following records for activities done pursuant to this Permit, in relation to the clearing of native vegetation authorised under this Permit:

- (a) 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 or decimal degrees;
- (b) the date that the area was cleared;
- (c) the size of the area cleared (in hectares);
- (d) actions taken to avoid, minimise and reduce the impacts and extent of clearing in accordance with condition 1 of this Permit; and
- (e) actions taken to minimise the risk of the introduction and spread of weeds in accordance with condition 2 of this Permit.

4. Reporting

The Permit Holder must provide to the CEO the records required under condition 3 of this Permit, when requested by the CEO.

DEFINITIONS

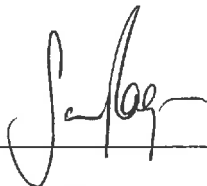
The following meanings are given to terms used in this Permit:

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 any plant -

- (a) that is a declared pest under section 22 of the *Biosecurity and Agriculture Management Act 2007*; or
- (b) Department of Biodiversity, Conservation and Attractions species-led ecological impact and invasiveness ranking summary, regardless of ranking; or
- (c) not indigenous to the area concerned.



Samara Rogers
A/MANAGER
CLEARING REGULATION

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

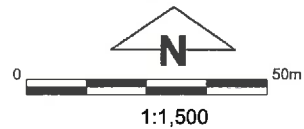
29 May 2018

Plan 7966/1



Legend

- Imagery
- Cadastre
- Clearing Instruments Activities
- Local Government Authority
- Roads - Local and Others



(Approximate when reproduced at A4)
GDA 94 (Lat/Long)

Geocentric Datum of Australia 1994

S. Hayes
Samantha Hayes
Date *29/5/2018*
Officer with delegated authority under Section 20 of the Environmental Protection Act 1986



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WESTERN AUSTRALIA
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Clearing Permit Decision Report

1. Application details

1.1. Permit application details

Permit application No.: 7966/1
Permit type: Area Permit

1.2. Applicant details

Applicant's name: Mr Ian Paul Coulson
Application received date: 25 January 2018

1.3. Property details

Property: LOT 4 ON DIAGRAM 77903, NORNALUP
Local Government Authority: DENMARK, SHIRE OF
Localities: NORNALUP

1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	Purpose category:
0.32		Mechanical Removal	Grazing & pasture

1.5. Decision on application

Decision on Permit Application: Granted

Decision Date: 29 May 2018

Reasons for Decision: The clearing permit application has been assessed against the clearing principles, planning instruments and other matters in accordance with section 51O of the *Environmental Protection Act 1986*, and it has been concluded that the proposed clearing is not likely to be at variance to any of the clearing principles.

The Delegated Officer notes that the proposed clearing may indirectly impact on the environmental values of adjacent vegetation through the introduction or spread of weeds. Weed management practices will help mitigate this risk.

In determining to grant a clearing permit subject to conditions, the Delegated Officer determined that the proposed clearing is not likely to lead to an unacceptable risk to the environment.

2. Site Information

Clearing Description The clearing of 0.32 hectares of native vegetation within Lot 4 on Diagram, Nornalup, for the purpose of pasture.

Vegetation Description The vegetation within the application area is mapped as South West Forests vegetation Hazelvale (HA) Complex, which is described as mosaic of a low woodland to woodland of *Eucalyptus marginata* subsp. *marginata*-*Eucalyptus patens*, low forest of *Agonis juniperina* - *Callistachys lanceolata* with closed heath of *Myrtaceae* spp. on sandy plains in the hyperhumid zone. (Government of Western Australia, 2018).

Vegetation Condition Very Good; Vegetation structure altered; obvious signs of disturbance (Keighery, 1994).

To

Degraded; Structure severely disturbed; regeneration to good condition requires intensive management (Keighery, 1994).

The condition of the application area was determined through a review of aerial imagery and photographs provided by the applicant (Coulson, 2018).

Soil type The application area has been mapped as the Hazelvale Subsystem landform, which is described as narrow sandy plains; slight stream incision. Humus podzols on crests of spurs; Teatree scrub. Yellow duplex soils on valley flanks; Jarrah-Marri low forest. Peaty podzols on minor valley floors; sedges and reeds (Department of Primary Industries and Regional Development, 2018).

3. Assessment of application against clearing principles

The application is to clear 0.32 hectares of native vegetation within Lot 4 on Diagram, Nornalup, for the purpose of pasture. Photographs provided by the applicant indicate that the vegetation within the application area is in a very good to degraded

(Keighery, 1994) condition (Coulson, 2018). The vegetation in the centre of the application area is in a very good condition, whilst vegetation around the edges is in a degraded (Keighery, 1994) condition.

Consideration has been given to clearing impacts relating to biodiversity, significant fauna habitat, rare flora, threatened ecological communities, remnant vegetation values, wetlands and watercourses, land degradation, conservation areas, surface water quality, groundwater quality and flooding.

The National Objectives and Targets for Biodiversity Conservation includes a target that does not support the clearing of ecological communities with an extent below 30 per cent of that present pre-European settlement (Commonwealth of Australia 2001). The application area is located within the Warren Australia (IBRA) bioregion and the Shire of Denmark, which retain approximately 79 and 75 per cent of their pre-European vegetation extents respectively. The mapped South West Forests vegetation Hazelvale complex retains 42 per cent of its previous extent. Given this, the application area is not considered to be located within an extensively cleared area.

Four rare and thirty six priority flora species have been recorded within ten kilometres of the application area. One priority 4, one Priority 3 and one Priority 2 flora species occur in the same vegetation and soil type as the applied area. *Drosera binata*, the priority 2 flora species is known from black peat and winter-wet swamps. This type of habitat is not present within the application area. Priority 3 and Priority 4 flora species are known from several location and do not appear to be under imminent threat. Noting that the local area (ten kilometre radius) retains approximately 65 per cent native vegetation, the proposed clearing is not likely to impact priority flora species.

The application area is located within the known breeding range and modelled distribution for the three specially protected black cockatoo species. Black Cockatoos breed in large hollow-bearing trees, generally within woodlands or forests or in isolated trees (Commonwealth of Australia, 2012). These species nest in hollows in live or dead trees of karri, marri, wandoo, tuart, salmon gum, jarrah, flooded gum, York gum, powder bark, bullich and blackbutt (Commonwealth of Australia, 2012). Photographs provided by the applicant indicate that the application area is not likely to contain potential breeding trees. Noting the presence of higher quality vegetation within the nearby Walpole-Nornalup National Park, and the relatively small size (0.32 hectares) of the application area, the proposed clearing is not likely to significantly impact fauna.

The proposed clearing may impact upon adjacent remnant native vegetation by increasing edge effects such as increased light and the spread of weeds. Weed mitigation measures will assist in minimising this risk.

No wetlands or watercourses are mapped within the application area. Given this, the proposed clearing is not likely to impact on riparian vegetation, contribute to or cause land degradation, deteriorate the quality of ground water or surface water and is not likely to cause or exacerbate flooding.

Given the above, the proposed clearing is not likely to be at variance to any of the clearing principles.

Planning instruments and other relevant matters

The application area is zoned rural under the town planning scheme.

No Aboriginal sites of significance have been mapped within the application area.

The clearing permit application was advertised on the DWER website on 19 February 2018 with a 14 day submission period. No public submissions have been received in relation to this application.

4. References

- Commonwealth of Australia (2001) National Objectives and Targets for Biodiversity Conservation 2001-2005, Canberra
- Commonwealth of Australia (2012) EPBC Act Referral guidelines for three threatened black cockatoo species: Carnaby's cockatoo, Baudin's cockatoo and Forest red-tailed black cockatoo. Commonwealth of Australia
- Coulson, I.P. (2018) Information in support of clearing permit application CPS 7966/1 (DWER Ref: A1663023)
- Department of Primary Industries and Regional Development (2018). NRInfo Digital Mapping. Department of Agriculture and Food. Government of Western Australia. URL: <https://maps.agric.wa.gov.au/nrm-info/> (accessed May 2018).
- Government of Western Australia. (2018). 2017 South West Vegetation Complex Statistics. Current as of October 2017. WA Department of Biodiversity, Conservation and Attractions, Perth, <https://catalogue.data.wa.gov.au/dataset/dbca>
- Keighery, B.J. (1994) Bushland Plant Survey: A Guide to Plant Community Survey for the Community. Wildflower Society of WA (Inc). Nedlands, Western Australia