



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

PERMIT DETAILS

Area Permit Number: 6218/2
File Number: 2011/006923
Duration of Permit: From 17 January 2015 to 17 January 2022

PERMIT HOLDER

Town of Narrogin

LAND ON WHICH CLEARING IS TO BE DONE

Lot 1545 on Deposited Plan 91261 (Reserve 35591) (Narrogin 6312)
Keally Street road reserve (PIN: 11118406) (Narrogin 6312)
Cresswell Street road reserve (PIN: 11118405) (Narrogin 6312)
Tuohy Street road reserve (PIN: 11118462) (Narrogin Valley 6312)

AUTHORISED ACTIVITY

The Permit Holder shall not clear more than 1.79 hectares of native vegetation within the area hatched yellow on attached Plan 6218/2a.

CONDITIONS

1. Period in which clearing is authorised

The Permit Holder shall not clear any native vegetation after 17 January 2017

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. Retain vegetative material and topsoil, revegetation and rehabilitation

The Permit Holder shall:

- (a) retain the vegetative material and topsoil removed by clearing authorised under this Permit and stockpile the vegetative material and topsoil in an area that has already been cleared.
- (b) at an *optimal time* following the completion of works authorised under this Permit, *revegetate* and *rehabilitate* the area cross-hatched red on attached Plan 6218/2b by:
 - (i) re-shaping the surface of the land so that it is consistent with the surrounding 5 metres of uncleared land; and
 - (ii) ripping the ground on the contour to remove soil compaction; and
 - (iii) laying the vegetative material and topsoil retained under condition 3(a) on the cleared area(s) cross-hatched red on attached Plan 6218/2b; and
 - (iv) deliberately *planting* and/or *direct seeding* native vegetation that will result in a similar species composition, structure and density of native vegetation to pre-clearing vegetation types in that area; and
 - (v) ensuring only *local provenance* seeds and propagating material are used to *revegetate* and *rehabilitate* the area.

- (c) within 24 months of undertaking *revegetation* and *rehabilitation* in accordance with condition 3(b) of this Permit:
 - (i) engage an *environmental specialist* to determine the species composition, structure and density of the area *revegetated* and *rehabilitated*; and
 - (ii) where, in the opinion of an *environmental specialist*, the composition structure and density determined under condition 3(c)(i) of this Permit will not result in a similar species composition, structure and density to that of pre-clearing vegetation types in that area, the Permit Holder must undertake additional *planting* or *direct seeding* of native vegetation in accordance with the requirements of condition 3(b)(iv) and (v) of this Permit.
- (d) Where additional *planting* or *direct seeding* of native vegetation is undertaken in accordance with condition 3(c)(ii) of this permit, the Permit Holder shall repeat condition 3(c)(i) and 3(c)(ii) within 24 months of undertaking the additional *planting* or *direct seeding* of native vegetation.
- (e) Where a determination by an *environmental specialist* that the composition, structure and density within areas *revegetated* and *rehabilitated* will result in a similar species composition, structure and density to that of pre-clearing vegetation types in that area, as determined in condition 3(c)(i) and (ii) of this permit, that determination shall be submitted for the CEO's consideration. If the CEO does not agree with the determination made under condition 3(c)(ii), the CEO may require the Permit Holder to undertake additional *planting* and *direct seeding* in accordance with the requirements under condition 3(c)(ii).

4. Records to be kept

The Permit Holder must maintain the following records for activities done pursuant to this Permit:

- (a) In relation to the clearing of native vegetation authorised under this Permit:
 - (i) the species composition, structure and density of the cleared area;
 - (ii) 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;
 - (iii) the date that the area was cleared; and
 - (iv) the size of the area cleared (in hectares).
- (b) In relation to the *revegetation* and *rehabilitation* of areas pursuant to condition 3 of this Permit:
 - (i) the location of any areas *revegetated* and *rehabilitated*, 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;
 - (ii) a description of the *revegetation* and *rehabilitation* activities undertaken;
 - (iii) the size of the area *revegetated* and *rehabilitated* (in hectares);
 - (iv) the species composition, structure and density of *revegetation* and *rehabilitation*, and
 - (v) a copy of the environmental specialist's report.

5. Reporting

- (a) The Permit Holder must provide to the CEO on or before 30 June of each year, a written report:
 - (i) of records required under condition 4 of this Permit; and
 - (ii) concerning activities done by the Permit Holder under this Permit between 1 January to 31 December of the preceding calendar year.
- (b) If no clearing authorised under this Permit was undertaken between 1 January to 31 December of the preceding calendar, a written report confirming that no clearing under this permit has been carried out, must be provided to the CEO on or before 30 June of each year.
- (c) Prior to 17 October 2021, the Permit Holder must provide to the CEO a written report of records required under condition 4 of this Permit where these records have not already been provided under condition 5(a) of this Permit.

DEFINITIONS

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

direct seeding means a method of re-establishing vegetation through the establishment of a seed bed and the introduction of seeds of the desired plant species;

environmental specialist: means a person who holds a tertiary qualification in environmental science or equivalent, and has experience relevant to the type of environmental advice that an environmental specialist is required to provide under this Permit, or who is approved by the CEO as a suitable environmental specialist.

fill means material used to increase the ground level, or fill a hollow;

local provenance means native vegetation seeds and propagating material from natural sources within 50 kilometres and the same Interim Biogeographic Regionalisation for Australia (IBRA) subregion of the area cleared.

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;

optimal time means the period from April to June for undertaking *direct seeding*, and the period from May to June for undertaking *planting*;

planting means the re-establishment of vegetation by creating favourable soil conditions and planting seedlings of the desired species;

regenerate/ed/ion means re-establishment of vegetation from in situ seed banks and propagating material (such as lignotubers, bulbs, rhizomes) contained either within the topsoil or seed-bearing *mulch*;

rehabilitate/ed/ion means actively managing an area containing native vegetation in order to improve the ecological function of that area;

revegetate/ed/ion means the re-establishment of a cover of *local provenance* native vegetation in an area using methods such as natural *regeneration*, *direct seeding* and/or *planting*, so that the species composition, structure and density is similar to pre-clearing vegetation types in that area.

weed/s means any plant -

- (a) that is a declared pest under section 22 of the *Biosecurity and Agriculture Management Act 2007*; or
- (b) published in a Department of Parks and Wildlife Regional Weed Rankings Summary, regardless of ranking; or
- (c) not indigenous to the area concerned.



M Warnock
SENIOR MANAGER
CLEARING REGULATION

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

24 September 2015

Plan 6218/2a



Legend

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



1:2,592
 (Approximate when reproduced at A4)
 GDA 94 (Lat/Long)
 Geocentric Datum of Australia 1994

M. Warnock Date 24/9/15
 M. Warnock

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

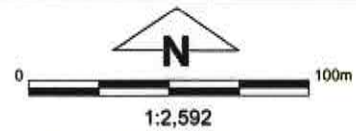


Plan 6218/2b



Legend

-  Cadastre
-  Roads
-  Imagery
-  Local Government Authority
-  Clearing Instruments Conditions



(Approximate when reproduced at A4)
GDA 94 (Lat/Long)
Geocentric Datum of Australia 1994

M. Warnock Date 24/9/15
M. Warnock

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



1. Application details

1.1. Permit application details

Permit application No.: 6218/2
Permit type: Area Permit

1.2. Applicant details

Applicant's name: Town of Narrogin
Town of Narrogin

1.3. Property details

Property: ROAD RESERVE - 11118405, NARROGIN
ROAD RESERVE - 11118406, NARROGIN
ROAD RESERVE - 11118462, NARROGIN VALLEY
LOT 1545 ON PLAN 91261, NARROGIN

Colloquial name:
Local Government Authority: Town of Narrogin
DER Region: Wheatbelt
Localities: Narrogin and Narrogin Valley

1.4. Application

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

1.5. Decision on application

Decision on Permit: Grant
Application:
Decision Date: 24 September 2015

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
Mapped Beard vegetation association 1023 is described as: Medium woodland; York gum, wandoo & salmon gum (Eucalyptus salmonophloia) (Shepherd et al 2001).	The proposed clearing of 1.79 hectares of native vegetation within Lot 1545 on Deposited Plan 91261 - Reserve 35591 and Tuohy Street road reserve, for the purpose asbestos removal and within Keally Street road reserve and Cresswell Street road reserve, Narrogin for the purpose of constructing a road, power lines, communication, sewerage and water infrastructure.	Degraded: Structure severely disturbed; regeneration to good condition requires intensive management (Keighery 1994) To Good: Structure significantly altered by multiple disturbance; retains basic structure/ability to regenerate (Keighery 1994)	The vegetation description and condition had been determined by a flora, vegetation and fauna survey undertaken by PGV Environmental (2014). Three vegetation types have been recorded within the application area being: AhEwBsis described as Allocasuarina huegeliana/Eucalyptus wandoo Low Open Woodland to Low Open Forest over Banksia sessilis Tall Open Shrubland. AhEtEw is described as Allocasuarina huegeliana/Eucalyptus transcontinentalia/E. wandoo Low Open Forest over Leptospermum erubescens/Adenanthos cygnorum Shrubland; and Ah*Cp is described as Allocasuarina huegeliana Low Woodland over Chamaecytisus palmensis Tall Shrubland over Oxalis pes-caprae Herbland. (PGV Environmental 2014).

3. Assessment of application against clearing principles

Comments

This amendment has been made to include an additional 0.28 hectares of native vegetation within Tuohy Street road reserve.

The assessment against the clearing principles has not changed and can be found in Clearing Permit Decision Report CPS 6218/1.

Planning instruments and other relevant matters.

Comments

The assessment of planning instruments and other matters has not changed and can be found in Clearing Permit Decision Report CPS 6218/1.

4. 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.
- PGV Environmental (2014) Flora, Vegetation and Fauna Survey - R36090 and R35591, Narrogin. Western Australia. DER Ref: A789215
- 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.