



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

PERMIT DETAILS

Area Permit Number: 6831/1

File Number: DER2015/002557-1

Duration of Permit: From 13 February 2016 to 13 February 2023

PERMIT HOLDER

Glen Errol Mills

Lorna Lavina Mills

LAND ON WHICH CLEARING IS TO BE DONE

Lot 4640 on Deposited Plan 157023, Millbrook

AUTHORISED ACTIVITY

The Permit Holder shall not clear more than 0.93 hectares of native vegetation within the area cross hatched yellow on the attached Plan 6831/1.

CONDITIONS

1. 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) Within 12 months following the completion of extractive activities, *revegetate* and *rehabilitate* the area(s) shaded yellow on attached Plan 6831/1 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) ripping the pit floor and contour batters within the extraction site; and
 - (iv) laying the vegetative material and topsoil retained under condition 1(a) on the cleared area
- (c) within 24 months of laying the vegetative material and topsoil on the cleared area in accordance with condition 1(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 species composition structure and density determined under condition 1(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, *revegetate* the area by 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 ensuring only *local provenance* seeds and propagating material are used.
- (d) Where additional *planting* or *direct seeding* of native vegetation is undertaken in accordance with condition 1(c)(ii) of this permit, the Permit Holder shall repeat condition 1(c)(i) and 1(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 1(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 1(c)(ii), the CEO may require the Permit Holder to undertake additional *planting* and *direct seeding* in accordance with the requirements under condition 1(c)(ii).

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.

local provenance means native vegetation seeds and propagating material from natural sources within 10 kilometres and the same Interim Biogeographic Regionalisation for Australia (IBRA) subregion of the area cleared.

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

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.



James Widenbar
MANAGER
CLEARING REGULATION

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

14 January 2016

Plan 6831/1



Legend

-  Roads
-  Imagery
-  Clearing Instruments Activities
-  Local Government Authority
-  Clearing Regulations - Environmentally Sensitive Areas
-  Cadastre



1:3,427

(Approximate when reproduced at A4)

GDA 94 (Lat/Long)

Geocentric Datum of Australia 1994

James Widenbar Date *12/1/2016*

James Widenbar

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



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1. Application details

1.1. Permit application details

Permit application No.: 6831/1
Permit type: Area Permit

1.2. Applicant details

Applicant's name: Mr Glen and Mrs Lorna Mills

1.3. Property details

Property: LOT 4640 ON PLAN 157023
Local Government Authority: CITY OF ALBANY
Localities: MILLBROOK

1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
0.93		Mechanical Removal	Extractive Industry

1.5. Decision on application

Decision on Permit Application: Granted
Decision Date: 14 January 2016
Reasons for Decision: The clearing application has been assessed against the clearing principles, planning instruments and other matters in accordance with s51O of the *Environmental Protection Act 1986*, and has concluded that the proposed clearing is not likely to be at variance to any of the clearing principles.

Through assessment it has been determined that the clearing of a relatively small, degraded (Keighery, 1994) area is unlikely to have any significant environmental impacts. Relevant State policies and other relevant policies have been taken into consideration in the decision to grant a clearing permit.

2. Site Information

2.1. Existing environment and information

2.1.1. Description of the native vegetation under application

Vegetation Description	The vegetation under application is mapped as Beard vegetation association 978 which is described as low forest comprising jarrah, <i>Eucalyptus staeri</i> & <i>Allocasuarina fraseriana</i> (Shepherd et al. 2001).	Vegetation Condition	Degraded: Structure severely disturbed; regeneration to good condition requires intensive management (Keighery 1994)
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3. Assessment of application against clearing principles, planning instruments and other relevant matters

Comments Mr Glen and Mrs Lorna Mills have applied to clear up to 0.93 hectares of native vegetation for the purpose of extending a sand quarry.

Consideration has been given to impacts to biodiversity, significant fauna habitat, rare flora, threatened ecological communities, remnant vegetation values, watercourses, land degradation, surface water quality, groundwater quality, and flooding. The assessment has found that the clearing under application is not likely to be at variance to any of the clearing principles.

The City of Bunbury (2015) advises that an application for an Extractive Industry Licence has been received.

No submissions relating to this application have been received.

Methodology References:
City of Bunbury (2015)

GIS Databases:
- DPaW Tenure
- Hydrography, linear
- Hydrography, heirachery
- IBRA Australia
- Groundwater salinity, statewide
- Pre-European Vegetation
- SAC Biodatasets (Accessed December 2015)

4. References

- City of Bunbury (2015) Direct Interest Submission for Clearing Permit Application CPS 6831/1. DER Ref A1018901.
- 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. (2001) Native Vegetation in Western Australia, Extent, Type and Status. Resource Management Technical Report 249. Department of Agriculture, Western Australia.