



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

Purpose Permit number:	CPS 3865/2
Permit Holder:	Minister for Education
Duration of Permit:	9 October 2010 – 9 October 2020

The Permit Holder is authorised to clear native vegetation subject to the following conditions of this Permit.

PART I – CLEARING AUTHORISED

1. Purpose for which clearing may be done

Clearing for the purpose of constructing a primary school and temporary classrooms

2. Land on which clearing is to be done

Lot 1317 on Plan 49212 (Meadow Springs 6210)

Lot 581 on Deposited Plan 73309 (Meadow Springs 6210)

3. Area of clearing

The Permit Holder must not clear more than 3.66 hectares of native vegetation within the area cross-hatched yellow on attached Plan 3865/2a.

4. Application

This Permit allows the Permit Holder to authorise persons, including employees, contractors and agents of the Permit Holder, to clear native vegetation for the purposes of this Permit subject to compliance with the conditions of this Permit and approval from the Permit Holder.

5. Compliance with Assessment Sequence and Management Procedures

Prior to clearing any native vegetation under conditions 1, 2 and 3 of this Permit, the Permit Holder must comply with the Assessment Sequence and the Management Procedures set out in Part II of this Permit.

PART II – ASSESSMENT SEQUENCE AND MANAGEMENT PROCEDURES

6. Retain vegetative material and topsoil, revegetation and rehabilitation

In regards to the area cross-hatched red on attached Plan 3865/2b 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 3 months following the removal of the temporary class rooms, *revegetate* and *rehabilitate* the area cross-hatched red on attached Plan 3865/2b by:
 - (i) laying the vegetative material and topsoil retained under condition 6(a) on the cleared area(s);
 - (ii) 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

- (iii) ensuring only *local provenance* seeds and propagating material are used to *revegetate* and *rehabilitate* the area.
- (c) within 12 months of laying the vegetative material and topsoil on the cleared area in accordance with condition 6(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 6(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 6(c)(ii) of this permit, the Permit Holder shall repeat condition 6(c)(i) and 6(c)(ii) within 12 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 6(c)(i) and 6(c)(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 6(c)(ii), the CEO may require the Permit Holder to undertake additional *planting* and *direct seeding* in accordance with the requirements under condition 6(c)(ii).

PART III - RECORD KEEPING AND REPORTING

7. Records must be kept

The Permit Holder must maintain the following records in relation to the *revegetation* and *rehabilitation* of areas pursuant to condition 6 of this Permit:

- (a) 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;
- (b) a description of the *revegetation* and *rehabilitation* activities undertaken;
- (c) the size of the area *revegetated* and *rehabilitated* (in hectares); and
- (d) the species composition, structure and density of *revegetation* and *rehabilitation*.

8. 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 7 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 year, 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 9 July 2020, the Permit Holder must provide to the CEO a written report of records required under condition 7 of this Permit where these records have not already been provided under condition 8(a) of this Permit.

DEFINITIONS

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

botanist means a person with specific training and/or experience in the ecology and taxonomy of Western Australian flora;

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 is engaged by the Permit Holder for the purpose of providing environmental advice, 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;

local provenance means native vegetation seeds and propagating material from natural sources within 30 kilometres 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;

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; and

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 the Department of Environment and Conservation Regional Weed Assessments, regardless of ranking; or
- (c) not indigenous to the area concerned.



M Warnock
MANAGER
NATIVE VEGETATION CONSERVATION BRANCH

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

20 June 2013

Plan 3865/2a



LEGEND

Road Centrelines

Cadastral

Local Government

Authorities

Clearing Instruments

Areas Approved to Clear

Perth Metropolitan South
15cm Orthomosaic - Landgate
2011



0 100 m

Scale 1:3394

(Approximate when reproduced at A4)

Geocentric Datum Australia 1994

Note: the data in this map have not been projected. This may result in geometric distortion or measurement inaccuracies.

M. Warnock Date 26/13

M. Warnock

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

Information derived from this map should be confirmed with the data custodian acknowledged by the agency acronym in the legend.



Department of
Environment and Conservation

Our environment, our future
WA Crown Copyright 2002

Plan 3865/2b



LEGEND

- Cadastral
Local Government
Authorities
- Clearing Instruments
- Areas Subject to Conditions
- Perth Metropolitan South
15cm Orthomosaic - Landgate



Scale 1:1685
(Approximate when reproduced at A4)

Geocentric Datum Australia 1994

Note: the data in this map have not been projected. This may result in geometric distortion or measurement inaccuracies.

M. Warnock Date 20/6/13

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

Information derived from this map should be confirmed with the data custodian acknowledged by the agency acronym in the legend.



Department of
Environment and Conservation

Our environment, our future
WA Crown Copyright 2002



1. Application details

1.1. Permit application details

Permit application No.: 3865/2
Permit type: Purpose Permit

1.2. Proponent details

Proponent's name: Department of Education

1.3. Property details

Property: LOT 1317 ON PLAN 49212 (MEADOW SPRINGS 6210)
LOT 581 ON PLAN 73309 (MEADOW SPRINGS 6210)
Local Government Area: City of Mandurah

1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
3.66		Mechanical Removal	Building or Structure

1.5. Decision on application

Decision on Permit Application: Grant
Decision Date: 20 June 2013

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 type: 998: Medium woodland; tuart (Shepherd et al, 2001)	The amended application is to clear 3.66 hectares of native vegetation within Lot 1317 on Plan 49212 and Lot 581 on Deposited Plan 73309, Meadow Springs for the purpose of constructing a primary school, sports oval and temporary class rooms.	Completely Degraded: No longer intact; completely/almost completely without native species (Keighery 1994)	The vegetation description is based on a site visit conducted by DEC officers on 18 August (DEC 2010). The vegetation under application was considered to be in completely degraded to very good (Keighery 1994) condition (DEC 2010).
Hedde complexes: Yoongarillup Complex Woodland to tall woodland of Eucalyptus gomphocephala (Tuart) with Agonis flexuosa in the second storey. Less consistently an open forest of Eucalyptus gomphocephala (Tuart) - Eucalyptus marginata (Jarrah) - Corymbia calophylla (Marri) (Hedde et al, 1980).	The area under application consisted of three main vegetation types with area the comprising scattered mature tuart trees: - Acacia rostellifera shrubland - Hakea trifurcata shrubland with Santalum acuminatum, Allocasuarina humilis and Grevillea preissii; and - Melaleuca huegeliana heathland over Trymalium sp and Templetonia retusa on limestone ridge (and limestone outcropping).	To Very Good: Vegetation structure altered; obvious signs of disturbance (Keighery 1994)	
Cottesloe Complex Central/South Mosaic of woodland of Eucalyptus gomphocephala (Tuart) and open forest of Eucalyptus gomphocephala (Tuart) - Eucalyptus marginata (Jarrah) - Corymbia calophylla (Marri); closed heath on the Limestone outcrops. (Hedde et al, 1980).			

3. Assessment of application against clearing principles

Comments **Proposal is not likely to be at variance to this Principle**
This application has been amended to increase the clearing area by 0.06 hectares of native vegetation for the purpose of installing seven temporary class rooms. The addition 0.06 hectares has previously been cleared and currently consists of regrowth vegetation. No mature trees are proposed to be cleared under this amendment.

Consideration has been given to impacts to biodiversity, significant fauna habitat, rare flora, threatened ecological communities, remnant vegetation values, wetlands, 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.

Methodology

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

Comments

The City of Mandurah has issued the Minister for Education a Short Term Lease over a portion of Reserve 48366 for the purpose of installing transportable classrooms.

Methodology

4. References

- DEC (2010) Site Inspection Report for Clearing Permit Application CPS 3865/1, Lot 1317 and Lot 1320 Meadow Springs. Site inspection undertaken 18/08/2010. Department of Environment and Conservation, Western Australia. DEC Ref A328131
- 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.
- 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.

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)