



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

PERMIT DETAILS

Area Permit Number: 2363/2
File Number: DEC6647
Duration of Permit: From 15 February 2009 to 15 May 2013

PERMIT HOLDER

City of Busselton

LAND ON WHICH CLEARING IS TO BE DONE

LOT 8 ON DIAGRAM 66799 (WESTERN CAPE NATURALISTE 6281)

AUTHORISED ACTIVITY

Clearing of up to 19.35 hectares of native vegetation within the area hatched yellow on attached Plan 2363/2.

CONDITIONS

1. Avoid, minimise etc 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. Dieback and weed control

- (a) 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* and *dieback*:
 - (i) clean earth-moving machinery of soil and vegetation prior to entering and leaving the area to be cleared;
 - (ii) shall only move soils in *dry conditions*;
 - (iii) ensure that no *dieback* or *weed*-affected soil, *mulch*, *fill* or other material is brought into the area to be cleared; and
 - (iv) restrict the movement of machines and other vehicles to the limits of the areas to be cleared.
- (b) At least once in each 12 month period for the term of this Permit, the Permit Holder must remove or kill any *weeds* growing within areas cleared under this Permit.

3. Vegetation management

The Permit Holder shall retain a 30 metre vegetated buffer within the area cross-hatched red on attached Plan 2363/2.

DEFINITIONS

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

dieback means the effect of *Phytophthora* species on native vegetation;


dry conditions means when soils (not dust) do not freely adhere to rubber tyres, tracks, vehicle chassis or wheel arches;

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 declared under section 37 of the *Agriculture and Related Resources Protection Act 1976*;
or
- (b) published in the Department of Environment and Conservation Regional Weed Assessments, regardless of ranking; or
- (c) not indigenous to the area concerned.

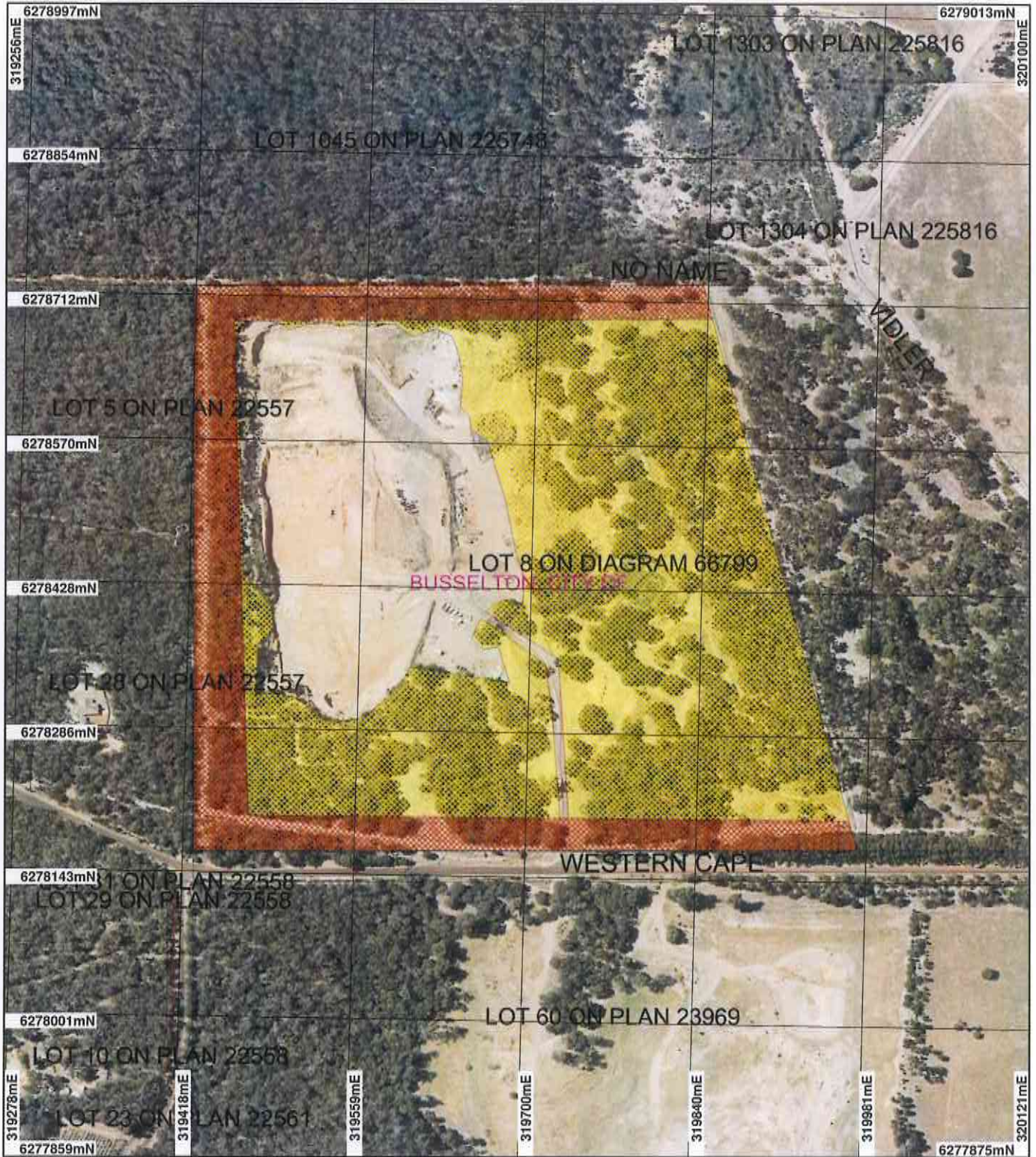


M Warnock
A/MANAGER
NATIVE VEGETATION CONSERVATION BRANCH

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

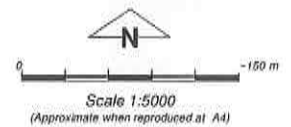
7 February 2013

Plan 2363/2



LEGEND

- | | |
|---|---|
| <p>Clearing Instruments</p> <ul style="list-style-type: none"> Areas Subject to Conditions Areas Approved to Clear Road Centrelines Cadastre | <p>Local Government Authorities</p> <p>Bussetton 50cm Orthomosaic - Landgate 2007</p> |
|---|---|



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 7.12.13
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

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1. Application details

1.1. Permit application details

Permit application No.: 2363/2
Permit type: Area Permit

1.2. Proponent details

Proponent's name: City of Busselton

1.3. Property details

Property: LOT 8 ON DIAGRAM 66799 (House No. 48 WESTERN CAPE NATURALISTE 6281)
Local Government Area: City of Busselton
Colloquial name: Dunsborough Waste Facility

1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
19.35		Mechanical Removal	Miscellaneous

1.5. Decision on application

Decision on Permit Application: Grant
Decision Date: 7 February 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
<p>Beard Vegetation Association: - Unit 1000 (Chapman): Medium forest; jarrah-marri / Low woodland; banksia / Low forest; tea-tree (<i>Melaleuca</i> spp.) (Shepherd et al., 2001)</p> <p>Mattiske Vegetation Complex: - Gracetown (G3): Mixture of low woodland of <i>Agonis flexuosa</i>, open forest of <i>Corymbia calophylla</i>-<i>Eucalyptus marginata</i> subsp. <i>marginata</i> and tall open forest of <i>Eucalyptus diversicolor</i> with some <i>Corymbia calophylla</i> and <i>Eucalyptus cornuta</i> on eastward facing slopes in the hyperhumid zone (Mattiske and Havel, 1998).</p>	<p>The application is to clear 19.35 hectares of native vegetation for the purpose of rubbish tip infrastructure and expansion activities, including green waste receival areas, leachate ponds, light vehicle transfer station, additional land fill cells and sand extraction to cover landfill.</p> <p>The vegetation under application is dominated by <i>Banksia attenuata</i> woodland on deep grey (becoming orange) sand, and is predominantly in very good (Keighery, 1994) condition (DEC, 2008).</p>	<p>Very Good: Vegetation structure altered; obvious signs of disturbance (Keighery, 1994)</p>	<p>Description of the clearing application area is based on site inspection conducted by Department of Environment and Conservation officers on 28 March 2008 (DEC, 2008).</p>

3. Assessment of application against clearing principles

Comments

The application is to alter the permit conditions and extend the permit duration by 3 months.

A review of current environmental information reveals no new additional information. Therefore the assessment against the clearing principles has not changed and can be found in the Clearing Permit Decision Report CPS 2363/1.

Methodology

GIS Databases:
- SAC Biodatasets (Accessed 9 January 2013)

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

Comments

The application is to alter the permit conditions in order to reflect the current land use and to extend the permit duration by 3 months.

The permit holder waived the notification period for the proposed amendment on 6 February 2013.

The original permit was granted for the purpose of sand extraction to top cover landfill, with a revegetation condition due to the temporary land use. However it was acknowledged that the ultimate land use of the site would be as a waste facility.

The amended land use is for the purpose of rubbish tip infrastructure and expansion activities, including green waste receival areas, leachate ponds, light vehicle transfer station, additional landfill cells and sand extraction to cover landfill. The purpose of the clearing is no longer a temporary land use, therefore the revegetation of temporarily cleared areas is not required.

The permit holder previously advised that a 30 metre buffer is to be retained around the property boundaries and the draft permit has been updated to reflect this.

The draft permit conditions have also been updated to reflect current standards and to protect the remaining vegetation on and offsite from edge effects, weeds and dieback.

A copy of the Dunsborough Waste Management Facility Licence L7122/1997/11 has been provided (DEC, 2012a). The licence is valid until 7 June 2013.

The licence requires a management plan be provided for the tip, including cell rehabilitation / post-closure management (DEC, 2012a). The rehabilitation plan proposes to rehabilitate the site to public open space (parkland) or commercial land by revegetation with pasture grasses, selected local provenance native species, or a mix of the two (Bowman and Associates, 2012). This plan was accepted by the Department of Environment and Conservation's Industry Regulation Branch on 5 November 2012 (DEC, 2012b).

There are no Aboriginal Sites of Significance mapped within the application area.

Methodology **References:**
Bowman and Associates, 2012
DEC, 2012a
DEC, 2012b
GIS Databases:
- Aboriginal Sites of Significance

4. References

- Bowman and Associates (2012) Rehabilitation Plan - Dunsborough Waste Facility. October 2012. Bowman and Associates Pty Ltd, Western Australia. DEC Ref: A585418
- DEC (2008) Site Inspection Report for Lot 8 Vidler Rd, Naturaliste. Conducted 28 March 2008. Department of Environment and Conservation, Western Australia.
- DEC (2012a) Licence L7122/1997/11 - Vidler Road Landfill Site. 28/09/2012. Department of Environment and Conservation, Western Australia. DEC Ref: A585414
- DEC (2012b) Vidler Road Landfill Site - L7122/1997/11 -. Landfill Management Plan. 5/11/2012. Department of Environment and Conservation, Western Australia. DEC Ref: A581393
- Keighery, B.J. (1994) Bushland Plant Survey: A Guide to Plant Community Survey for the Community. Wildflower Society of WA (Inc). Nedlands, Western Australia.
- Mattiske, E.M. and Havel, J.J. (1998) Vegetation Complexes of the South-west Forest Region of Western Australia. Maps and report prepared as part of the Regional Forest Agreement, Western Australia for the Department of Conservation and Land Management and Environment 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)