



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

Purpose permit number:	CPS 2529/2
Permit holder:	City of Swan
Purpose of clearing:	Extractive Industry
Shire:	City of Swan
Duration of permit:	4 October 2008 – 4 October 2023

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The permit holder is authorised to clear native vegetation for the above stated purposes, subject to the conditions of this Permit.

PART I – CLEARING AUTHORISED

1. Land on which clearing is to be done

Lot 120 on Diagram 79784.

2. Area of clearing

The Permit holder must not clear more than 4.5 hectares of native vegetation within the area cross-hatched yellow on attached Plan 2529/2.

3. 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.

4. Compliance with Assessment Sequence and Management Procedures

Prior to clearing any native vegetation under conditions 1 and 2 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

5. Avoid, minimise etc clearing

In determining the amount of native vegetation to be cleared for the purposes of gravel extraction 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.

6. Staged Clearing

The Permit Holder shall not clear native vegetation within the area cross-hatched yellow on attached Plan 2529/2, unless actively mining the area to be cleared within six months of the clearing.

7. Weed management

When undertaking any clearing and *revegetation*, or other activity pursuant to 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 or *revegetated*;
- (b) ensure that no *weed*-affected *mulch*, *fill* or other material is brought into the area to be cleared or *revegetated*; and
- (c) restrict the movement of machines and other vehicles to the limits of the areas to be cleared.

8. Fauna Management

- (a) Prior to clearing within the area described in Clearing Authorised above, the area shall be inspected by a *fauna specialist* who shall identify trees that contain hollows suitable to be utilised as habitat by fauna listed in the *Wildlife Conservation (Specially Protected Fauna) Notice 2012(2)*
- (b) Prior to clearing, any habitat identified by condition 8(a) shall be inspected by a *fauna specialist* for the presence of fauna listed in the *Wildlife Conservation (Specially Protected Fauna) Notice 2012(2)*.
- (c) Prior to clearing the Permit Holder shall ensure that any fauna identified in condition 8(b) shall be removed and relocated by a *fauna clearing person*, in accordance with a licence issued by the Department of Environment and Conservation.

9. Revegetation

- (a) The Permit Holder shall retain the vegetation material and topsoil removed by clearing authorised under this Permit.
- (b) Within six months of any area no longer being required for the purpose of gravel extraction the Permit Holder must *revegetate* the area by:
 - (i) Deliberately planting and/or seeding native vegetation that will result in similar species composition, structure and density to pre-clearing vegetation types in that area
 - (ii) Deliberately applying and spreading the vegetation material and topsoil retained under condition 9(a), across the *revegetation* area.
 - (iii) Ensuring only local provenance seeds and propagating material from within 20km of the area cleared are used to *revegetate* the area; and
- (c) Within one year of undertaking *revegetation* in accordance with condition 9(b), the Permit Holder must:
 - (i) Determine the species composition, structure and density of the area *revegetated*; and
 - (ii) Where, in the opinion of an *environmental specialist*, the composition, structure and density of the *revegetation* area does not reflect pre-clearing vegetation types in that area, the Permit Holder must undertake additional planting or seeding of native vegetation in accordance with the requirements of conditions 9(b).

PART III – RECORD KEEPING AND REPORTING

10. Records must 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 undertaken pursuant to the purpose of clearing:
 - (i) the location where the clearing occurred, recorded using Geocentric Datum Australia 1994;
 - (ii) the date that the area was cleared; and
 - (iii) the size of the area cleared (in hectares).

- (b) In relation to fauna management pursuant to condition 8:
 - (i) The species relocated;
 - (ii) The number of individuals of each species relocated; and
 - (iii) The location and date where relocated fauna were released, using Geocentric Datum Australia 1994.
- (c) In relation to the *revegetation* of areas pursuant to condition 9:
 - (i) The location of any area *revegetated* recorded using Geocentric Datum Australia 1994;
 - (ii) A description of the *revegetation* activities undertaken, including a list of the species used for the *revegetation*; and
 - (iii) The size of the area *revegetated* (in hectares).

11. Reporting

- (a) The Permit Holder must provide to the CEO, on or before 30 June of each year, a written report of records required under condition 10 and activities done by the Permit Holder under this Permit between 1 January and 31 December of the preceding year.
- (b) Before 4 July 2023, the permit holder must provide to the CEO a written report of records required under condition 10 where these records have not already been provided under condition 11(a).

DEFINITIONS

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

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.

fauna specialist means a person with training and specific work experience in fauna identification or faunal assemblage surveys of Western Australian fauna.

fauna clearing person means a person who has obtained a licence from the Department, issued pursuant to the *Wildlife Conservation Regulations 1970* authorising them to take fauna;

revegetate/ed/ion means the re-establishment of a cover of *local provenance* native vegetation in an area using methods such as *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 the Department of Environment and Conservation Regional Weed Assessments, regardless of ranking; or
- (c) not indigenous to the area concerned.

Wildlife Conservation (Specially Protected Fauna) Notice means those fauna taxa gazetted as rare fauna pursuant to section 14(4)(a) of the *Wildlife Conservation Act 1950* (as amended).

B. Walker

Belinda Walker
A/MANAGER
NATIVE VEGETATION CONSERVATION BRANCH

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

18 July 2013

Plan 2529/2



LEGEND

- Perth Metropolitan Area
Central 15cm Orthomosaic -
Landgate 2012
- Cadastre for labelling
- Local Government
Authorities
- Road Centrelines
- Clearing Instruments
- Areas Approved to Clear



Scale 1:3000

(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.

B. Walker

18/7/13

Belinda Walker

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.



Government of Western Australia
Department of Environment Regulation

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Clearing Permit Decision Report

Government of Western Australia
Department of Environment Regulation

1. Application details

1.1. Permit application details

Permit application No.: 2529/2
Permit type: Purpose Permit

1.2. Proponent details

Proponent's name: City of Swan

1.3. Property details

Property: LOT 120 ON DIAGRAM 79784 (Lot No. 120 LILYDALE GIDGEGANNUP 6083)
Local Government Area: City of Swan
Colloquial name:

1.4. Application

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

1.5. Decision on application

Decision on Permit Application: Grant
Decision Date: 18 July 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 3003: Medium forest; jarrah & marri on laterite with wandoo in valleys, sandy swamps with teatree and Banksia (Shepherd 2006).</p> <p>Hedde Vegetation Complexes:</p> <ul style="list-style-type: none"> - Murray and Bindoon Complex in Low to Medium Rainfall: no description available; and - Dwellingup Yalanbee and Hester Complex in Low to Medium Rainfall: no information available (Hedde et al. 1980). <p>Mattiske Vegetation Complexes:</p> <ul style="list-style-type: none"> - Dwellingup: Open forest to woodland of Eucalyptus marginata subsp. thalassica-Corymbia calophylla on lateritic uplands in semiarid and arid zones; and - Murray 2: Open forest of Eucalyptus marginata subsp. thalassica-Corymbia calophylla-Eucalyptus patens and woodland of Eucalyptus wandoo with some Eucalyptus accedens on valley slopes to woodland of Eucalyptus rudis-Melaleuca raphiophylla on the valley floors in semiarid and arid zones (Mattiske Consulting 1998). 	<p>The area of vegetation under application comprises Eucalyptus marginata (Jarrah) - Corymbia calophylla (Marri) open woodland, with a Banksia grandis - Banksia sessilis middle storey and a dense leaf litter layer. The understorey comprises low shrubs, herbs and sedges including, but not limited to, Hibbertia spp., Xanthorrhoea preissii, Drosera spp., Stylidium sp., Macrozamia riedlei and orchid species. Varieties of fungi were also observed within the applied area. Overall the vegetation under application is considered to be in very good condition, with a small portion of the applied area subject to disturbance and impacts (~0.5ha) considered to be in good condition.</p> <p>The area under application comprises a relatively mature vegetation structure with evidence of regeneration observed across the site (i.e. Banksia and Eucalypt seedlings). Several of the larger Eucalypts were observed to contain hollows suitable for nesting for small parrots, and the larger Black Cockatoos.</p> <p>The area under application also displays evidence of historic logging activities, with evidence of dieback observed at the eastern end of the applied area, and small, localised areas of clearing observed adjacent to the existing pit. Non-aggressive winter weed species were observed throughout the applied area in low densities.</p>	<p>Very Good: Vegetation structure altered; obvious signs of disturbance (Keighery, 1994).</p>	<p>The vegetation clearing description is based on information obtained during a site inspection undertaken 9 July 2008 (DEC, 2008).</p>

3. Assessment of application against clearing principles

Comments

The application has been amended to extend the City of Swan's permit for another 10 years. The permit will now expire on 4 October 2023.

The assessment against the clearing principles has not changed and can be found in the Decision Report for CPS 2529/1.

Methodology

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

Comments

The assessment against Planning and Other Matters has not changed and can be found in Decision Report CPS 2529/1.

Methodology

4. References

- DEC (2008) Site Inspection Report for Clearing Permit Application CPS 2529/1, Lot 120 Lilydale Road, Gidgegannup. Site inspection undertaken 09/07/2008. Department of Environment and Conservation, Western Australia (TRIM Ref. DOC60598).
- 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.
- Mattiske Consulting (1998) Mapping of vegetation complexes in the South West forest region of Western Australia, CALM.
- Shepherd, D.P. (2006). Adapted from: 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. Includes subsequent updates for 2006 from Vegetation Extent dataset ANZWA1050000124.

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)