



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

PERMIT DETAILS

Area Permit Number: 8456/1
File Number: DWERVT2654
Duration of Permit: From 1 August 2019 to 1 August 2021

PERMIT HOLDER

City of Canning

LAND ON WHICH CLEARING IS TO BE DONE

Lot 540 on Plan 12128, Canning Vale

AUTHORISED ACTIVITY

The Permit Holder shall not clear more than 0.0176 hectares of native vegetation within the area cross-hatched yellow on attached Plan 8456/1.

CONDITIONS

1. Avoid, minimise and reduce the impacts and extent of 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

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*:

- (a) clean earth-moving machinery of soil and vegetation prior to entering and leaving the area to be cleared;
- (b) ensure that no known *dieback* or *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. Records must be kept

The Permit Holder must maintain the following records for activities done pursuant to this Permit, in relation to the clearing of native vegetation authorised under this Permit:

- (a) 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;
- (b) the date that the area was cleared;
- (c) the size of the area cleared (in hectares);
- (d) actions taken to avoid, minimise and reduce the impacts and extent of clearing in accordance with condition 1 of this Permit; and
- (e) actions taken to minimise the risk of the introduction and spread of *dieback* and *weeds* in accordance with condition 2 of this Permit.

4. Reporting

The Permit Holder must provide to the *CEO* the records required under condition 3 of this Permit, when requested by the *CEO*.

DEFINITIONS

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

CEO: means the Chief Executive Officer of the Department responsible for the administration of the clearing provisions under the *Environmental Protection Act 1986*;

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

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



Samara Rogers
MANAGER
NATIVE VEGETATION REGULATION

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

8 July 2019

Plan 8456/1

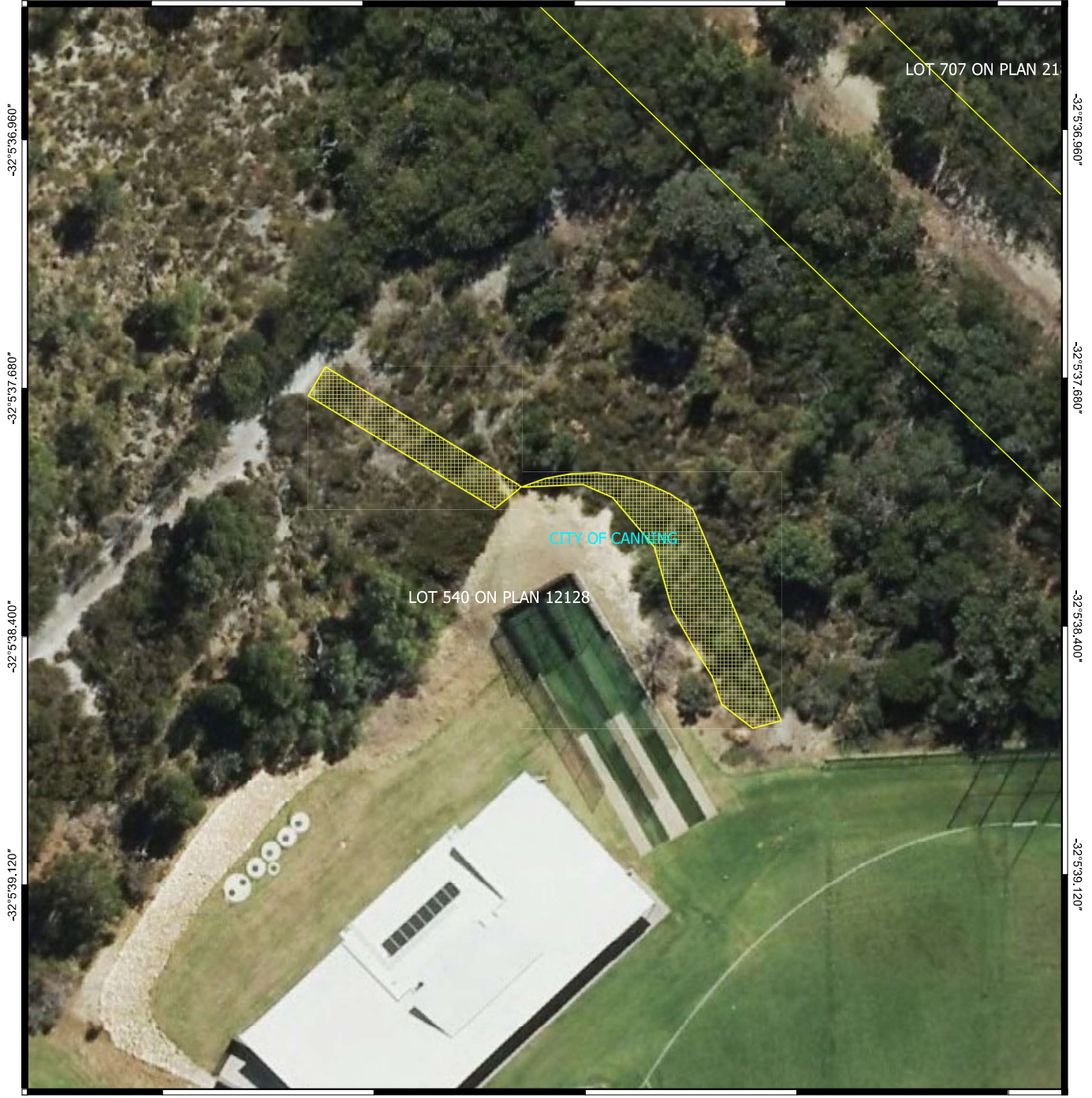
115°54'17.280"

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115°54'18.720"

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115°54'20.160"



Legend

-  CPS areas approved to clear
-  Local Government Authorities
-  Cadastre
- Image



MGA 94
Geocentric Datum of Australia 1994

Samara Rogers

Samara Rogers

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



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WESTERN AUSTRALIA
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Clearing Permit Decision Report

1. Application details

1.1. Permit application details

Permit application No.: 8456/1
Permit type: Area Permit

1.2. Applicant details

Applicant's name: City of Canning
Application received date: 11 April 2019

1.3. Property details

Property: Lot 540 on Plan 12128, Canning Vale
Local Government Authority: City of Canning
Localities: Canning Vale

1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	Purpose category:
0.018	3	Mechanical Removal	Recreation

1.5. Decision on application

Decision on Permit Application: Granted
Decision Date: 8 July 2019

Reasons for Decision: The clearing permit application has been assessed against the clearing principles, planning instruments and other matters in accordance with section 51O of the *Environmental Protection Act 1986* (EP Act). It has been concluded that the proposed clearing is not likely to be at variance to any of the clearing principles.

In determining to grant a clearing permit subject to conditions, the Delegated Officer considered that the proposed clearing is not likely to lead to an unacceptable risk to the environment.

2. Site Information

Clearing Description The application is for the proposed clearing of 0.018 hectares of native vegetation or 3 trees within Lot 540 on Plan 1218, Canning Vale, for the purpose of extension to adjacent cricket pitches (Figure 1, Figure 2 and Figure 3).

Vegetation Description The application area is mapped in the 'Swan Coastal Plain' region of the Interim Biogeographic Regionalisation for Australia (IBRA), and is mapped in the following Swan Coastal Plain vegetation complexes (Heddl et al., 1980):

- Bassendean Complex-Central And\South described as Vegetation ranges from woodland of *Eucalyptus marginata* (Jarrah) - *Allocasuarina fraseriana* (Sheoak) - *Banksia* species to low woodland of *Melaleuca* species, and sedgelands on the moister sites. This area includes the transition of *Eucalyptus marginata* (Jarrah) to *Eucalyptus todtiana* (Pricklybark) in the vicinity of Perth.

A Flora and vegetation survey undertaken on 20 September 2018 by Ecoscape described the vegetation within the application area as *Eucalyptus todtiana* low open woodland over *Regelia inops* and *Xanthorrhoea preissii* mid shrubland over *Phlebocarya ciliata* and *Dasyopogon bromeliifolius* low open forbland.

Vegetation Condition The condition of the vegetation within the application area is considered to be:

- Very good: Vegetation structure altered; obvious signs of disturbance (Keighery 1994)

The condition of the vegetation was determined based on the Flora and vegetation survey undertaken in September 2018 (Ecoscape, 2018).

Soil type The application area is mapped as the following land subsystems:

- Bassendean B4 Phase, which is described as Broad poorly drained sandplain with deep grey siliceous sands or bleached sands, underlain at depths generally greater than 1.5 m by clay or less frequently a strong iron-organic hardpan.

Comments The local area is considered a 10 kilometre radius of the application area.

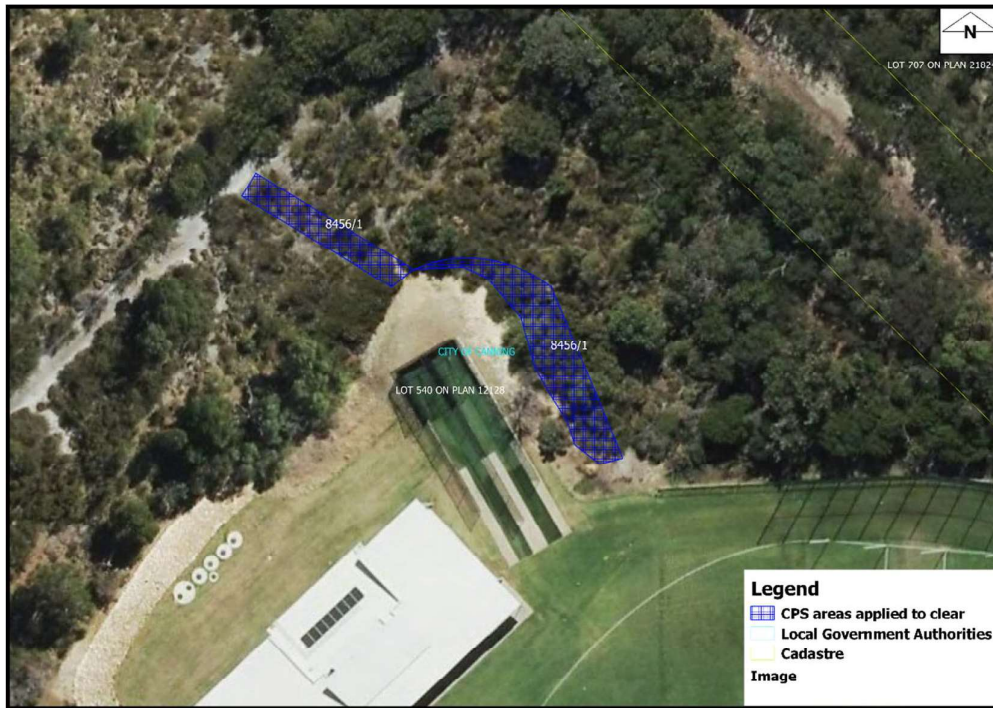


Figure 1 Application area cross hatched blue



Figure 2 Eastern edge of the application area looking south



Figure 3 Northern edge of the application area looking east

3. Minimisation and mitigation measures

The application form states that the proposed extension of cricket pitches was designed to require minimal clearing (City of Canning, 2019).

4. Assessment of application against clearing principles and planning instruments and other matters

The application is for the proposed clearing of 0.018 hectares of native vegetation or 3 native trees within Lot 540 on Plan 1218, Canning Vale, for the purpose of extension to adjacent cricket pitches.

A flora and vegetation survey was undertaken by Ecoscape (2018) in relation to City of Canning's clearing permit application. The Flora survey did not record any threatened or priority flora species within the application area or directly adjacent during either the September and November assessment. The two site assessments (including targeted searches) were undertaken during optimal timing for botanical surveys, when the majority of potential species of conservation species are known to be in flower. Given no conservation significant flora were identified within the application area (Ecoscape, 2018), the application area is not likely to contain any rare or priority flora species.

The application area does not contain any hollows or significant foraging or breeding habitat for conservation significant fauna recorded within the local area.

Approximately 20 metres to the east of the application area, native vegetation was observed to be dominated by *Banksia attenuata* and *Banksia menziesii*, and may be considered representative of the 'Banksia Dominated Woodlands of the Swan Coastal Plain', listed as 'Priority 3(iii)' by DBCA, and as an 'Endangered' Threatened ecological community (TEC) under the EPBC Act. Full flora quadrat was established within the application area in order to determine whether the vegetation within the application area is likely to meet criteria for inclusion in this TEC. Noting the flora species identified during the flora survey (Ecoscape, 2018) it was concluded that the vegetation within the application area does not match any listed TEC or priority ecological community (PEC).

Given this, the proposed clearing is not likely to comprise the whole or a part of, or be necessary for the maintenance of a PEC or TEC and is not considered to comprise a high level of biological diversity.

No watercourses, wetlands, or conservation areas are recorded within close proximity to the application area and the proposed clearing is unlikely to impact on any such areas.

The national objectives and targets for biodiversity conservation in Australia has a target to prevent clearance of ecological communities with an extent below 30 per cent of that present pre-1750, below which species loss appears to accelerate exponentially at an ecosystem level (Commonwealth of Australia, 2001). The Environmental Protection Authority (EPA) recognises the Perth Metropolitan Region to be a constrained area, within which a minimum 10 per cent representation threshold for ecological communities is recommended (EPA, 2008). The application area is located within the mapped extent of the Perth Metropolitan Region Scheme. Noting that the EPA considers a constrained area to be an area where there is an expectation that development will proceed, and that the cleared area is zoned 'Urban' in the Perth Metropolitan Region Scheme, the 10 per cent threshold applies in this instance. The application area is located within the Swan Coastal Plain IBRA bioregion. This IBRA bioregion has approximately 38.6 per cent of its pre-1750 vegetation extent remaining. The application area is also mapped in the Bassendean Complex-Central And\South Swan Coastal Plain vegetation complex, which retains approximately 27 per cent pre-1750 vegetation. Noting the vegetation within the application area is not representative of this vegetation community and that the application area is not likely to include flora or ecological communities of conservation significance or comprise significant habitat for indigenous fauna, the application area is not likely to be significant as a remnant of native vegetation in an area that has been extensively cleared.

Noting the extent of the proposed clearing and the condition of the vegetation within the application area, the proposed clearing is not likely to exacerbate or contribute to further land degradation, deteriorate the quality of ground water, cause or exacerbate flooding than that which is currently present.

Given the above, the proposed clearing is not likely to be at variance to the clearing principles.

The clearing permit application was advertised on the Department of Water and Environmental Regulation's website on 7 May 2019, inviting submissions from the public within a 14 day period. One submissions was received in relation to this application (Submission, 2019). The submitter expressed two concerns. Firstly, that no biological information was provided to the public to assess the conservation values of the application area. This issue was addressed by making the Flora and vegetation survey available online at <ftp.dwer.wa.gov.au/permit/> under reference 8456 and was also provided to the submitter. The second concern was whether any alternatives were considered to protect as much vegetation as possible. This concern was addressed in Minimisation and mitigation measures section.

No aboriginal sites of significance have been mapped within the application area.

5. References

- City of Canning. (2019). Application for a clearing permit (area permit). Application form in relation to clearing permit application CPS 8456/1. DWER Ref: A1784153.
- Ecoscape. (2018). Flora and vegetation survey undertaken in relation to the City of Canning's application for clearing permit CPS 8456/1. DWER Ref: A1780917.
- Government of Western Australia. (2019). 2018 South West Vegetation Complex Statistics. Current as of March 2019. WA Department of Biodiversity, Conservation and Attractions, Perth.
- Keighery, B.J. (1994) Bushland Plant Survey: A Guide to Plant Community Survey for the Community. Wildflower Society of WA (Inc). Nedlands, Western Australia.
- Submission. (2019). Submission received in relation to clearing permit application CPS 8456/1. DWER Ref: A1790639.

GIS Databases:

- CPS Areas applied to clear
- NatureMap (conservation significant fauna)
- DAFWA Subsystems V5
- Soils of WA
- Vegetation Complexes – Swan Coastal Plain
- Managed Tenure
- Environmentally Sensitive Areas
- TPFL Data March 2019
- WAHerb Data March 2019
- Aboriginal Sites Register
- IBRA Vegetation WA
- WA TECPEC
- Land Degradation Hazards