



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

PERMIT DETAILS

Area Permit Number: 7258/2
File Number: DER2016/001762-1
Duration of Permit: From 14 January 2017 to 14 January 2019

PERMIT HOLDER

Murdoch University

LAND ON WHICH CLEARING IS TO BE DONE

Lot 610 on Deposited Plan 75377, Murdoch

AUTHORISED ACTIVITY

The Permit Holder shall not clear more than 2.2 hectares of native vegetation within the area cross hatched yellow on attached Plan 7258/2.

CONDITIONS

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*:

- clean earth-moving machinery of soil and vegetation prior to entering and leaving the area to be cleared;
- ensure that no *dieback* or *weed*-affected soil, *mulch*, *fill* or other material is brought into the area to be cleared; and
- restrict the movement of machines and other vehicles to the limits of the areas to be cleared.

Definitions

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

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 -

- that is a declared pest under section 22 of the *Biosecurity and Agriculture Management Act 2007*; or
- published in a Department of Parks and Wildlife Regional Weed Rankings Summary, regardless of ranking; or
- not indigenous to the area concerned.

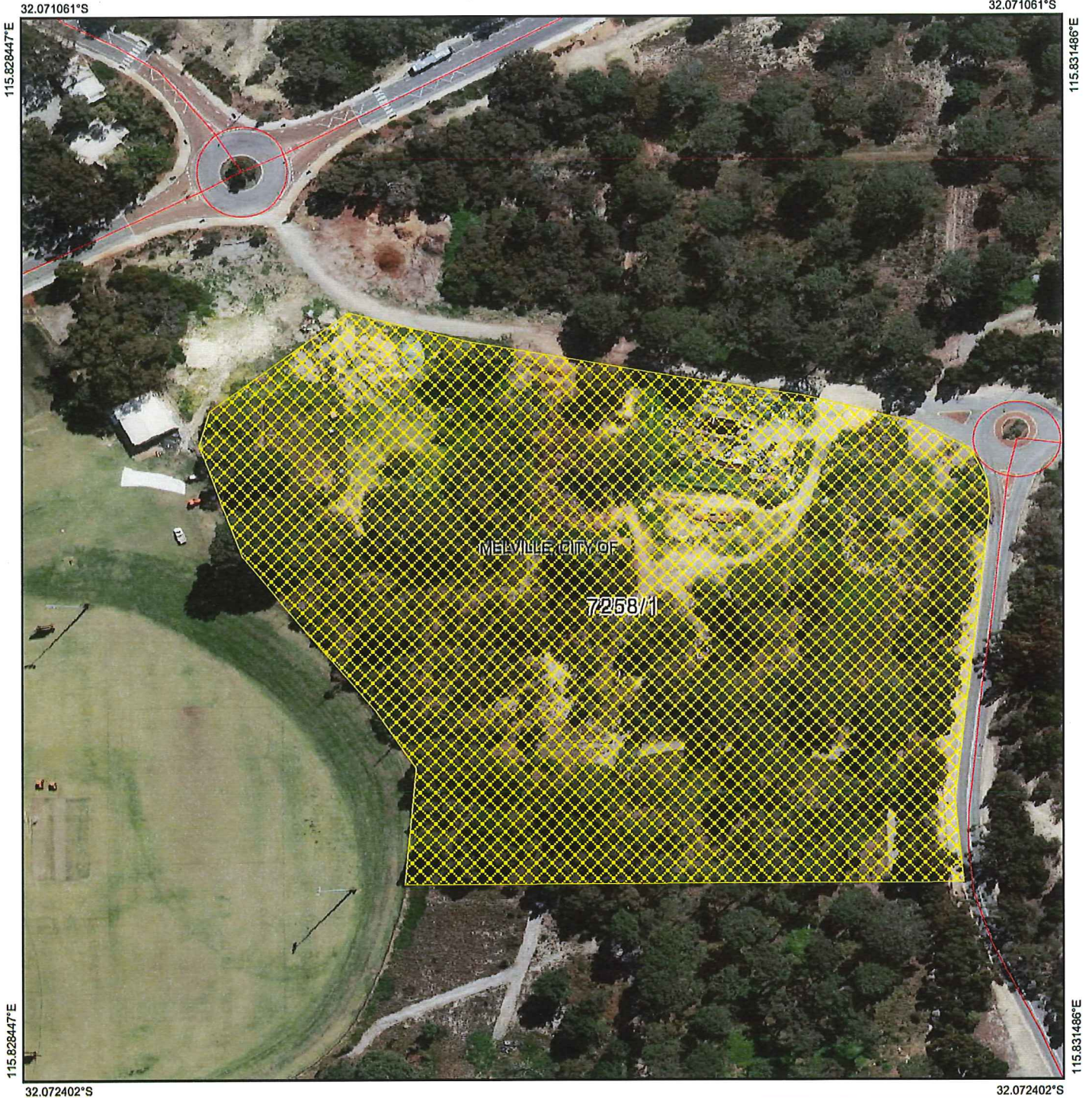
A handwritten signature in blue ink, appearing to be "Mathew Gannaway".

Mathew Gannaway
MANAGER
CLEARING REGULATION






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

10 February 2017

Plan 7258/2



Legend

-  Roads
-  Imagery
-  Clearing Instruments Activities
-  Local Government Authority
-  Cadastre




1:1,520

(Approximate when reproduced at A4)

GDA 94 (Lat/Long)

Geocentric Datum of Australia 1994

 Date 10/2/2017

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.: 7258/2
Permit type: Area Permit

1.2. Applicant details

Applicant's name: Murdoch University

1.3. Property details

Property: Lot 610 on Deposited Plan 75377, Murdoch
Colloquial name: Murdoch University
Local Government Authority: Melville, City of
DER Region: Greater Swan
DPaW District: Swan Coastal
Localities: Murdoch

1.4. Application

| | | | |
|--------------------|-----------|--------------------|---------------------|
| Clearing Area (ha) | No. Trees | Method of Clearing | For the purpose of: |
| 2.2 | | Mechanical Removal | Recreation |

1.5. Decision on application

Decision on Permit Application: Granted

Decision Date: 9 February 2017

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 the clearing principles.

Through the assessment it has been determined that the proposed clearing has the potential to spread weeds or dieback into surrounding vegetation in similar or better condition. The Delegate Officer considers that the adoption of weed and dieback management measures will assist in minimising this potential impact.

The Delegated Officer determined that the proposed clearing is unlikely to have any significant environmental impacts.

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 |
|--|--|--|--|
| Broad scale vegetation mapping classifies the application area as: | The application is to clear 2.2 hectares of native vegetation, within a footprint of 3.2 hectares within Lot 610 on Deposited Plan 75377, Murdoch, for the purpose of constructing a synthetic turf sporting precinct. | Good; Structure significantly altered by multiple disturbance; retains basic structure/ability to regenerate (Keighery, 1994). | The applicant engaged external consultants, Strategen Environmental Consultants Pty Ltd (Strategen) to complete: |
| Beard vegetation association 6: Medium woodland; tuart & jarrah (Shepherd et al., 2001). | | To | <ul style="list-style-type: none"> proposed Murdoch University Sports Precinct and Aquatic Centre. Level 1 Flora and Vegetation Survey (Strategen, 2016a); and native Vegetation clearing permit application (Area Permit) – supporting documentation, sports precinct (Strategen, 2016b). |
| Beard vegetation association 1001: Medium very sparse woodland; jarrah, with low woodland; <i>Banksia</i> & <i>Casuarina</i> (Shepherd et al., 2001). | | Degraded; Structure severely disturbed; regeneration to good condition requires intensive management (Keighery, 1994). | A Level 1 vegetation assessment of flora and vegetation was undertaken on 22 July 2015 and 16 September 2015. Further site inspections occurred on 24 August 2015 and 17 September 2015. |
| Heddevegetation complex: Karrakatta complex-central and south: open forest and woodland (Hedde et al., 1980). | | | |

Hedde vegetation complex:

Bassendean complex-central and south: woodland to low woodland and sedge lands (Hedde et al., 1980).

Vegetation within the application area is considered to be in a good to degraded (Keighery, 1994) condition, consisting of *Eucalyptus* species and exotic Pines (*Pinus pinaster*), over shrubs and exotic grasses (Strategen, 2016a).

Department of Environment Regulation (DER) Environmental Officer's conducted a site inspection of the application area on 7 October 2016.

3. Assessment of application against clearing principles

Comments This amendment has been made to correct an administrative error which incorrectly stated the application number on the permit.

The assessment against the clearing principles has not changed and can be found in the Clearing Permit Decision Report 7258/1.

Planning instruments and other relevant matters.

Comments The assessment against Planning Instruments and Other Matters has not changed and can be found in Clearing Permit Decision Report CPS 7258/1.

4. References

- 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, Extent, Type and Status. Resource Management Technical Report 249. Department of Agriculture, Western Australia.
- Strategen (2016a) Proposed Murdoch University Sports Precinct and Aquatic Centre. Level 1 Flora and Vegetation Survey. (DER Ref: A1178453).
- Strategen (2016b) Native Vegetation clearing permit application (Area Permit) – supporting documentation, sports precinct. (DER Ref: A1158056).