



GOVERNMENT OF
WESTERN AUSTRALIA

CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

PERMIT DETAILS

Area Permit Number: CPS 7741/1
File Number: DER2017/001496-1
Duration of Permit: From 20 January 2018 to 20 January 2020

PERMIT HOLDER

Hassad-Australia Pty Ltd

LAND ON WHICH CLEARING IS TO BE DONE

LOT 1576 ON PLAN 208446, JACUP
LOT 1584 ON PLAN 208449, JACUP
LOT 1586 ON PLAN 208448, JACUP
LOT 1582 ON PLAN 208444, JERRAMUNGUP

AUTHORISED ACTIVITY

The Permit Holder shall not clear more than 0.7 hectares of native vegetation within the areas cross hatched yellow on the attached Plan 7741/1(a) and Plan 7741/1(b).

CONDITIONS

1. 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 *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.

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 -

- (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 species-led ecological impact and invasiveness ranking summary, regardless of ranking; or
- (c) not indigenous to the area concerned.

James Widenbar
MANAGER
CLEARING REGULATION

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

20 December 2017

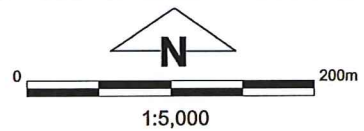
CPS 7741/1, 20 December 2017

Plan 7741/1(a)



Legend

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



(Approximate when reproduced at A4)
GDA 94 (Lat/Long)

Geocentric Datum of Australia 1994

[Signature] Date *25/12/17*

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




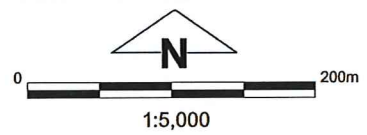
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WESTERN AUSTRALIA
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Plan 7741/1(b)



Legend

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



(Approximate when reproduced at A4)
GDA 94 (Lat/Long)
Geocentric Datum of Australia 1994

[Signature] Date *20/12/17*

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





1. Application details

1.1. Permit application details

Permit application No.: 7741/1
Permit type: Area Permit

1.2. Applicant details

Applicant's name: Hassad-Australia Pty Ltd

1.3. Property details

Property: LOT 1576 ON PLAN 208446, JACUP
LOT 1584 ON PLAN 208449, JACUP
LOT 1586 ON PLAN 208448, JACUP
LOT 1582 ON PLAN 208444, JERRAMUNGUP
JERRAMUNGUP, SHIRE OF

Local Government Authority:
DER Region: South Coast
DPaW District: ALBANY
Localities: JERRAMUNGUP and JACUP

1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
0.7		Mechanical Removal	Infrastructure maintenance

1.5. Decision on application

Decision on Permit Application: Granted

Decision Date: 20 December 2017

Reasons for Decision: The clearing permit application has been assessed against the clearing principles, planning instruments and other matters in accordance with s 51O of the *Environmental Protection Act 1986*. The Delegated Officer determined that the proposed clearing is not likely to be at variance to the clearing principles.

The Delegated Officer determined that the proposed clearing may impact the environmental values of adjacent native vegetation through the possible introduction or spread of weeds and dieback. The Delegated Officer considers that weed and dieback management measures will minimise impacts to adjacent native vegetation.

Given the above the Delegated Officer has determined that the proposed clearing is not likely to result in significant environmental impacts and has granted a clearing permit subject to conditions.

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
The vegetation within the application area is mapped as Beard vegetation association 1075 is described as shrublands; mallee scrub, <i>Eucalyptus eremophila</i> & black marlock (<i>Eucalyptus redunca</i>) (Shepherd et al., 2001)	The clearing of 0.7 hectares of native vegetation within Lot 1576 on Deposited Plan 208446, Lot 1584 on Deposited Plan 208449 and Lot 1586 on Deposited Plan 208448, Jacup, and Lot 1582 on Deposited Plan 208444, Jerramungup, for the purpose of constructing an airstrip and to reduce weeds.	Good; Structure significantly altered by multiple disturbance; retains basic structure/ability to regenerate (Keighery, 1994). To: Completely Degraded; No longer intact, completely/almost completely without native species (Keighery, 1994).	The condition of the vegetation was determined by aerial imagery.

3. Assessment of application against clearing principles

Comments The application is to clear 0.7 hectares native vegetation within Lot 1576 on Deposited Plan 208446, Lot 1584 on Deposited Plan 208449 and Lot 1586 on Deposited Plan 208448, Jacup, and Lot 1582 on Deposited Plan 208444, Jerramungup, for the purpose of constructing an airstrip and to reduce weeds.

The application area is in two distinct locations seven kilometres apart. The native vegetation under application in Plan 7741/1(a) is in a very degraded to good condition (Keighery, 1994) and in Plan 7741/1(b), a very degraded condition (Keighery, 1994).

There are no rare or priority flora species, or priority or threatened ecological communities recorded within, or adjacent to the application area. One priority flora species was recorded 1200 metres from the application area represented on Plan 7741/1(a) and one rare flora species was recorded 8400 metres of the application area represented on Plan 7741/1(b). The application area does not have the appropriate soil type to support these species.

The vegetation within the application area may provide suitable habitat for three conservation significant fauna including the malleefowl (*Leipoa ocellata*), the western whipbird/western mallee (*Psophodes nigrogularis* subsp. *oberon*) and the western brush wallaby (*Macropus Irma*). Noting that the application area is subject to weed invasion, its linear shape and the largely degraded (Keighery, 1994) condition of the vegetation, the proposed clearing is unlikely to significantly impact upon the conservation status of these species.

The closest conservation reserve, Lake Magenta Wildlife Reserve, is located 5000 metres north of the application area. Given the distance to this reserve from the application area, the proposed clearing will not impact upon the environmental values of this reserve.

The *National Objectives and Targets for Biodiversity Conservation* includes a target that does not support the clearing of ecological communities with an extent below 30 per cent of that present pre-European settlement (Commonwealth of Australia 2001). The application area is located within the Mallee Interim Biogeographic Regionalisation of Australia (IBRA) bioregion and Shire of Jerramungup, which retain approximately 56 and 44 per cent of their pre-European vegetation extents respectively (Government of Western Australia 2016). Aerial imagery indicates that the local area retains approximately 35 per cent native vegetation cover for the area represented in Plan 7741/1(a) and 7 per cent cover the area represented in Plan 7741/1(b). Noting these extents and the very degraded (Keighery, 1994) condition of the native vegetation under application in Plan 7741/1(b), the application area is not likely to be a significant remnant in an extensively cleared landscape.

Groundwater is saline to highly saline, mapped at 7,000-14,000 total dissolved solids (milligrams per litre). Given the minimal size (0.7 hectares) and the linear nature of the application area, the proposed clearing is unlikely to contribute to the rise of groundwater resulting in land degradation due to increased salinity at the surface.

The application area is at least 100 metres from the nearest mapped watercourse and therefore is not likely to contain any riparian vegetation. Given the distance to the watercourse and the minimal size of the application area (0.7 hectares), the proposed clearing is not likely to deteriorate the quality of ground water or surface water and is not likely to cause or exacerbate flooding.

The assessment of the application identified that the proposed clearing is not likely to be at variance to any of the clearing principles. Implementing hygiene management practices will limit the risk of weeds and dieback spreading to adjacent bushland in good condition.

Methodology References:
- Commonwealth of Australia (2001)
- Government of Western Australia (2016)
- Keighery (1994)

GIS Datasets:
- Hydrography, linear
- Pre-European Vegetation
- IBRA WA (Regions - Sub Regions)
- Virtual mosaic
- SAC bio datasets accessed September 2017:

Planning instruments and other relevant matters.

Comments No registered Aboriginal Sites of Significance occur within the application area.

The clearing permit application was advertised on 18 September 2017 on the Department of Water and Environmental Regulation's website, inviting submissions from the public within a 21 day period. No submissions were received in relation to this application.

Methodology GIS datasets:
- Town Planning Scheme Zones

4. References

- Commonwealth of Australia (2001) National Objectives and Targets for Biodiversity Conservation 2001-2005, Canberra.
- Government of Western Australia (2016) 2016 Statewide Vegetation Statistics incorporating the CAR Reserve Analysis (Full Report). Current as of October 2016. WA Department of Parks and Wildlife, 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.
- 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.