



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

Purpose Permit number:	CPS 7569/1
Permit Holder:	City of Kalgoorlie-Boulder
Duration of Permit:	28 October 2017 – 28 October 2022

The Permit Holder is authorised to clear native vegetation subject to the following conditions of this Permit.

PART I – CLEARING AUTHORISED

1. Purpose for which clearing may be done

Clearing for the purpose of road construction.

2. Land on which clearing is to be done

Lot 217 on Deposited Plan 27467, Kurnalpi

Lot 310 on Deposited Plan 220003, Kanowna

Lot 313 on Deposited Plan 220003, Kanowna

Yarri Road reserve, Kanowna (PINs 11693591, 11688982 and 11688992)

Kanowna-Mulgarrie Road reserve, Kanowna (PIN 1324287)

unnamed road reserve, Kanowna (PIN 11688985)

unallocated Crown land, Kanowna (PINs 1023194 and 1023192)

3. Area of Clearing

The Permit Holder must not clear more than 4.68 hectares of native vegetation within the area cross-hatched yellow on attached Plan 7569/1.

4. 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.

5. Type of clearing authorised

This Permit authorises the Permit Holder to clear native vegetation for the activities described in condition 1 of this Permit to the extent that the Permit Holder has:

- the power to carry out works involving clearing for those activities under the *Local Government Act 1995* or any other written law; and
- the right to access land under the *Land Administration Act 1997* or any other written law.

PART II –MANAGEMENT CONDITIONS

6. 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*:

- (a) clean earth-moving machinery of soil and vegetation prior to entering and leaving the area to be cleared;
- (b) ensure that no *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:

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.

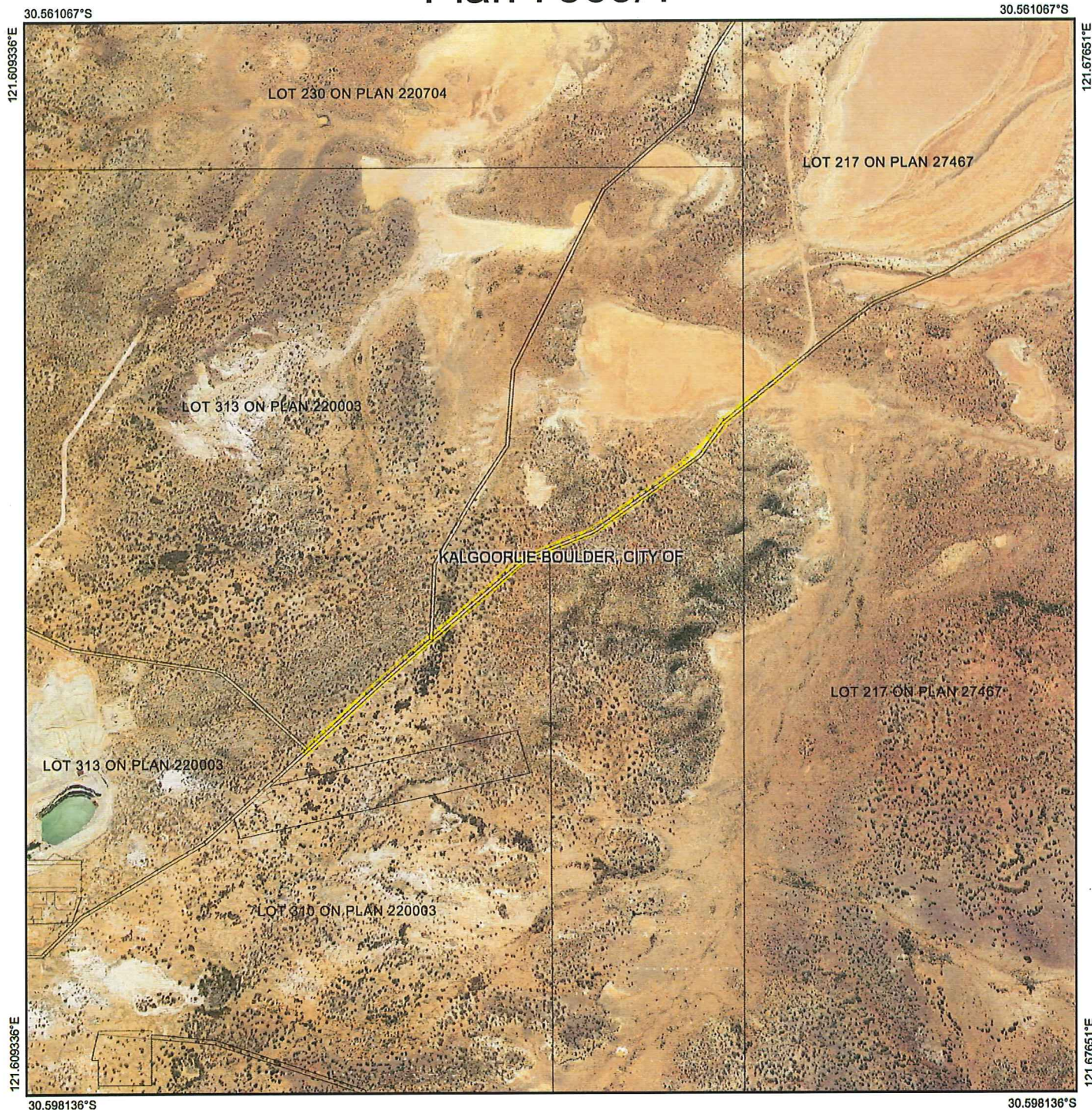


Emma Bramwell
A/MANAGER
CLEARING REGULATION

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

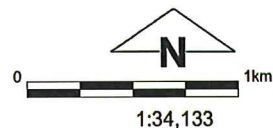
27 September 2017

Plan 7569/1



Legend

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



1:34,133

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

Geocentric Datum of Australia 1994

E Bramwell Date *27/09/17*
E BRAMWELL

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



GOVERNMENT OF
WESTERN AUSTRALIA
WA Crown Copyright 2017



1. Application details

1.1. Permit application details

Permit application No.: 7569/1
Permit type: Purpose Permit

1.2. Applicant details

Applicant's name: City of Kalgoorlie - Boulder

1.3. Property details

Property: LOT 313 ON DEPOSITED PLAN 220003, KANOWNA
LOT 310 ON DEPOSITED PLAN 220003, KANOWNA
LOT 217 ON DEPOSITED PLAN 27467, KURNALPI
YARRI ROAD RESERVE - 11688992, 11688982, 11693591, KURNALPI
UNALLOCATED CROWN LAND, 1023194, 1023192 KANOWNA
UNNAMED ROAD RESERVE - 11688985, KANOWNA
KANOWNA- MULGARRIE ROAD RESERVE - 1324287, KANOWNA
KALGOORLIE-BOULDER, CITY OF
Local Government Authority: Goldfields
DBCRA Region: KANOWNA and KURNALPI
Localities:

1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
4.68		Mechanical Removal	Road construction or upgrades

1.5. Decision on application

Decision on Permit Application: Grant
Decision Date: 27 September 2017
Reasons for Decision: The clearing permit application was received on 21 April 2017 and has been assessed against the clearing principles, planning instruments and other matters in accordance with section 51O of the *Environmental Protection Act 1986*. It has been concluded that the proposed clearing is at variance to clearing principle (f), may be at variance to clearing principle (i) and is not likely to be at variance to the remaining clearing principles.

The application area is located adjacent to remnant vegetation, and the proposed clearing may indirectly impact this vegetation through the spread of weeds. Weed management practices will help mitigate this risk.

The Delegated Officer determined that the proposed clearing of 4.68 hectares that is linear in shape and along an existing road 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
Mapped Beard vegetation associations: <ul style="list-style-type: none"> 125 – Bare areas; salt lakes 20 – Low woodland; mulga mixed with <i>Allocasuarina cristata</i> & <i>Eucalyptus</i> sp. 540 - Succulent steppe with open low woodland; sheoak over saltbush (Shepherd et al., 2001). 	The application is for the clearing of 4.68 hectares of native vegetation within Lot 217 on Deposited Plan 27467, Lot 310 and Lot 313 on Deposited Plan 220003, Yarri Road reserve (PINs 11693591, 11688982 and 11688992), Kanowna-Mulgarrie Road reserve (PIN 1324287), unnamed road reserve (PIN 11688985) and unallocated crown land (PINs 1023194 and 1023192) Kanowna and Kurnalpi, for the purpose of road construction.	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 and description of the vegetation within the application area was determined through aerial imagery.

3. Assessment of application against clearing principles

Comments

The application is for the proposed clearing of 4.68 hectares of native vegetation within Lot 217 on Deposited Plan 27467, Lot 310 and Lot 313 on Deposited Plan 220003, Yarri Road reserve (PINs 11693591, 11688982 and 11688992), Kanowna-Mulgarrie Road reserve (PIN 1324287), unnamed road reserve (PIN 11688985) and unallocated Crown land (PINs 1023194 and 1023192), Kanowna and Kurnalpi, for the purpose of upgrading the existing Yarri Road from a gravel surface to a sealed surface.

The local area considered in the assessment of this application is defined as a 20 kilometre radius measured from the perimeter of the cleared area. Available aerial imagery indicates that the local area retains approximately 94 per cent native vegetation cover, and that this vegetation appears to have been highly disturbed by clearing for mining and exploration activities.

According to the available datasets, no rare flora have been recorded within the local area. Two priority flora species have been recorded within the local area, being Priority 1 and Priority 3 species. Priority 3 species are known from several locations, and do not appear to be under imminent threat (Jones, 2015). Therefore, the proposed clearing is not likely impact on the conservation status of any Priority 3 species. The Priority 1 species has been recorded approximately nine kilometres from the application area. The former Department of Parks and Wildlife (Parks and Wildlife) advised that application area is already disturbed, that the vegetation within the application is typical of vegetation throughout the area, and that it has no objection to the proposed clearing for road widening (Parks and Wildlife, 2017). Noting the extent of native vegetation cover in the local area and the linear shape of the application area, the proposed clearing is not likely to significantly impact on conservation-significant flora.

According to the available datasets, one threatened fauna species, malleefowl (*Leipoa ocellata*), which is listed rare or likely to become extinct under the *Wildlife Conservation Act 1950*, has been recorded within the local area (DBCWA, 2007-). The malleefowl mainly occurs in shrublands and low woodlands that are dominated by mallee vegetation (Department of the Environment and Energy, 2016). Suitable habitat for this species may occur within the application area. Noting the extent of native vegetation cover in the local area, the high level of disturbance from mining and exploration activities in close proximity to the application area, and the linear shape of the proposed clearing, it is unlikely the application area contains significant habitat for this species.

According to the available datasets, no threatened or priority ecological communities have been recorded within the local area.

Two watercourses intersect the application area. The proposed clearing is likely to impact vegetation growing in association with these watercourses, and may cause deterioration in the quality of surface water entering these watercourses through increased sedimentation. Noting the extent of the proposed clearing, the linear nature of the application area and its location along an existing road, and the likelihood that existing culverts in place to ensure that surface water flows are not disturbed, the proposed clearing is not likely to have a significant impact on the environmental values of these watercourses and impacts to surface water quality are likely to be minimal and short term.

The nearest conservation area is the Bullock Hole Timber Reserve, located approximately 8.7 kilometres northeast of the application area. Noting the distance to this conservation area and the high level of disturbance from mining and exploration activities in close proximity to the application area, the proposed clearing is not likely to impact the environmental values of a conservation area. However the application area is located adjacent to remnant vegetation, and the proposed clearing may indirectly impact this vegetation through the spread of weeds. Weed management practices will help mitigate this risk.

Noting the extent of native vegetation cover in the local area and the linear shape of the application area along an existing road, the proposed clearing is not likely to contribute to or cause appreciable land degradation, deterioration in the quality of ground water, or cause or exacerbate flooding, and the application area is not likely to be considered a significant remnant within an extensively cleared area.

Given the above, the proposed clearing is at variance to Principle (f), may be at variance to Principle (i), and is not likely to be at variance to the remaining Principles.

Methodology

References:
DBCWA (2007-)
Department of the Environment and Energy (2016)
Jones (2015)
Parks and Wildlife (2017)

GIS Datasets:
SAC Biodatasets accessed August 2017
Hydrography linear
NLWRA, Current Extent of Native Vegetation
Parks and Wildlife tenure
Soils, statewide

Planning instruments and other relevant matters.

Comments On 16 May 2017, a Delegated Officer of the former Department of Environment Regulation (DER) wrote to the Maduwongga native title claimant, providing notice as required by section 24KA of the *Native Title Act 1993*, and providing an opportunity to comment on the application. A representative from the Maduwongga native title claimant requested that a heritage survey be undertaken prior to clearing (Maduwongga Claimant, 2017). No Aboriginal Sites of Significance have been recorded within the application area.

The application was advertised on DER's website on 18 May 2017 for a 21 day submission period. One public submission was received in relation to the proposed clearing. The submission raised concerns about impacts to the area's biodiversity values which include potential impacts to conservation significant flora (Submission, 2017). These matters are discussed within the assessment above.

Methodology References:
Maduwongga Claimant (2017)
Submission (2017)

GIS Datasets:
Aboriginal Sites of Significance

4. References

- Department of Biodiversity, Conservation and Attractions (DBCA) (2007-) NatureMap: Mapping Western Australia's Biodiversity. Department of Environment and Conservation. URL: <http://naturemap.dec.wa.gov.au/>. Accessed August 2017.
- Department of Parks and Wildlife (Parks and Wildlife) (2017) Goldfields Region advice provided in relation to clearing permit application CPS 7569/1, received 30 June 2017 (DER ref. A1511117).
- Department of the Environment and Energy (2016) '*Leipoa ocellata*' in Species Profile and Threats Database, Department of the Environment and Energy, Canberra.
- Jones, A. (2015) Threatened and Priority Flora List, 11 November 2015. Department of Parks and Wildlife: Kensington, WA.
- Keighery, B.J. (1994) Bushland Plant Survey: A Guide to Plant Community Survey for the Community. Wildflower Society of WA (Inc). Nedlands, Western Australia.
- Maduwongga Claimant (2017) Direct interest response received on 21 June 2017 in response to Clearing Permit Application CPS 7570/1, CPS 7571/1 and CPS 7569/1 (DER Ref 1482111).
- 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.
- Submission (2017) Submission received in relation to Clearing Permit Application CPS 7569/1