



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

Purpose Permit number:	CPS 5002/2
Permit Holder:	Shire of York
Duration of Permit:	8 June 2012 to 8 June 2016

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 improving line of sight, road widening and bridge construction.

2. Land on which clearing is to be done

Spencers Brook - York Road reserve PIN 11339639 (YORK 6302)
Wallaby Road reserve PIN 1353869 (BADGIN 6302)
Talbot West Road reserve PIN 11429956 (MOUNT OBSERVATION 6302)
Talbot West Road reserve PIN 11429957 (MOUNT OBSERVATION 6302)
Goldfields Road reserve PIN 11446401 (MALEBELLING 6302)
Knotts Road reserve PIN 11596303 (BALLADONG 6302)
Mokine Road reserve PIN 11492414 (WILBERFORCE 6302)
North Road reserve PIN 11339636 (YORK 6302)

3. Area of Clearing

The Permit Holder shall not clear more than 0.1 hectares of native vegetation and 43 native trees within the combined areas hatched yellow on attached Plan 5002/2 (a), Plan 5002/2 (b), Plan 5002/2 (c), Plan 5002/2 (d), Plan 5002/2 (e), Plan 5002/2 (f), Plan 5002/2 (g) and Plan 5002/2 (h).

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.

PART II – MANAGEMENT CONDITIONS

6. Avoid, minimise etc 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.

7. Fauna management

- (a) Prior to undertaking any clearing authorised under this permit, the Permit Holder shall engage a *fauna specialist* to conduct a *fauna survey* of the area hatched yellow on attached Plan 5002/2 (a), Plan 5002/2 (b), Plan 5002/2 (c), Plan 5002/2 (d), Plan 5002/2 (e), Plan 5002/2 (f), Plan 5002/2 (g) and Plan 5002/2 (h) to identify fauna specified in Schedule 1 of the *Wildlife Conservation (Specially Protected Fauna) Notice*.
- (b) Within one week prior to undertaking clearing authorised under this permit, the Permit Holder shall engage a *fauna specialist* to remove and relocate fauna identified under condition 7(a).

PART III - RECORD KEEPING AND REPORTING

8. Records must be kept

The Permit Holder must maintain the following records in relation to fauna management pursuant to condition 7 of this Permit:

- (a) the location of each fauna identified, 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 location and date where relocated fauna was released, 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; and
- (c) a copy of the fauna specialist's report.

9. Reporting

- (a) The Permit Holder must provide to the CEO on or before 30 June each year, a written report:
 - (i) of records required under condition 8 of this Permit; and
 - (ii) concerning activities done by the Permit Holder under this Permit between 1 July to 30 June of the preceding financial year.
- (b) If no clearing authorised under this Permit was undertaken between 1 July to 30 June of the preceding financial year, a written report confirming that no clearing under this permit has been carried out, must be provided to the CEO on or before 30 June each year.
- (c) Prior to 8 March 2016, the Permit Holder must provide to the CEO a written report of records required under condition 8 of this Permit where these records have not already been provided under condition 9(a) of this Permit.

DEFINITIONS

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

fauna specialist: means a person who holds a tertiary qualification specializing in environmental science or equivalent, and has a minimum of 2 years work experience in fauna identification and surveys of fauna native to the region being inspected or surveyed, or who is approved by the CEO as a suitable fauna specialist for the bioregion, and who holds a valid fauna licence issued under the *Wildlife Conservation Act 1950*.

fauna survey: means a field-based investigation, including a review of established literature, of the biodiversity of fauna and/or fauna habitat of the Permit Area. Where conservation significant fauna are identified in the Permit Area, the survey should also include sufficient surrounding areas to place the Permit Area into local context.

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).



M Warnock
MANAGER
NATIVE VEGETATION CONSERVATION BRANCH

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

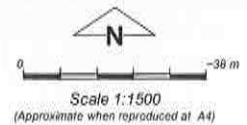
13 March 2014

Plan 5002/2 (a)



LEGEND

- | | |
|-----------------------------|---|
| Clearing Instruments | Cadastral for labelling |
| Areas Approved to Clear | Local Government Authorities |
| Road Centrelines | Northam 50cm Orthomosaic - Landgate 2006 |
| Cadastre | |



Geocentric Datum Australia 1994

Note: the data in this map have not been projected. This may result in geometric distortion or measurement inaccuracies.

M Warnock Date 13/3/14
M Warnock

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

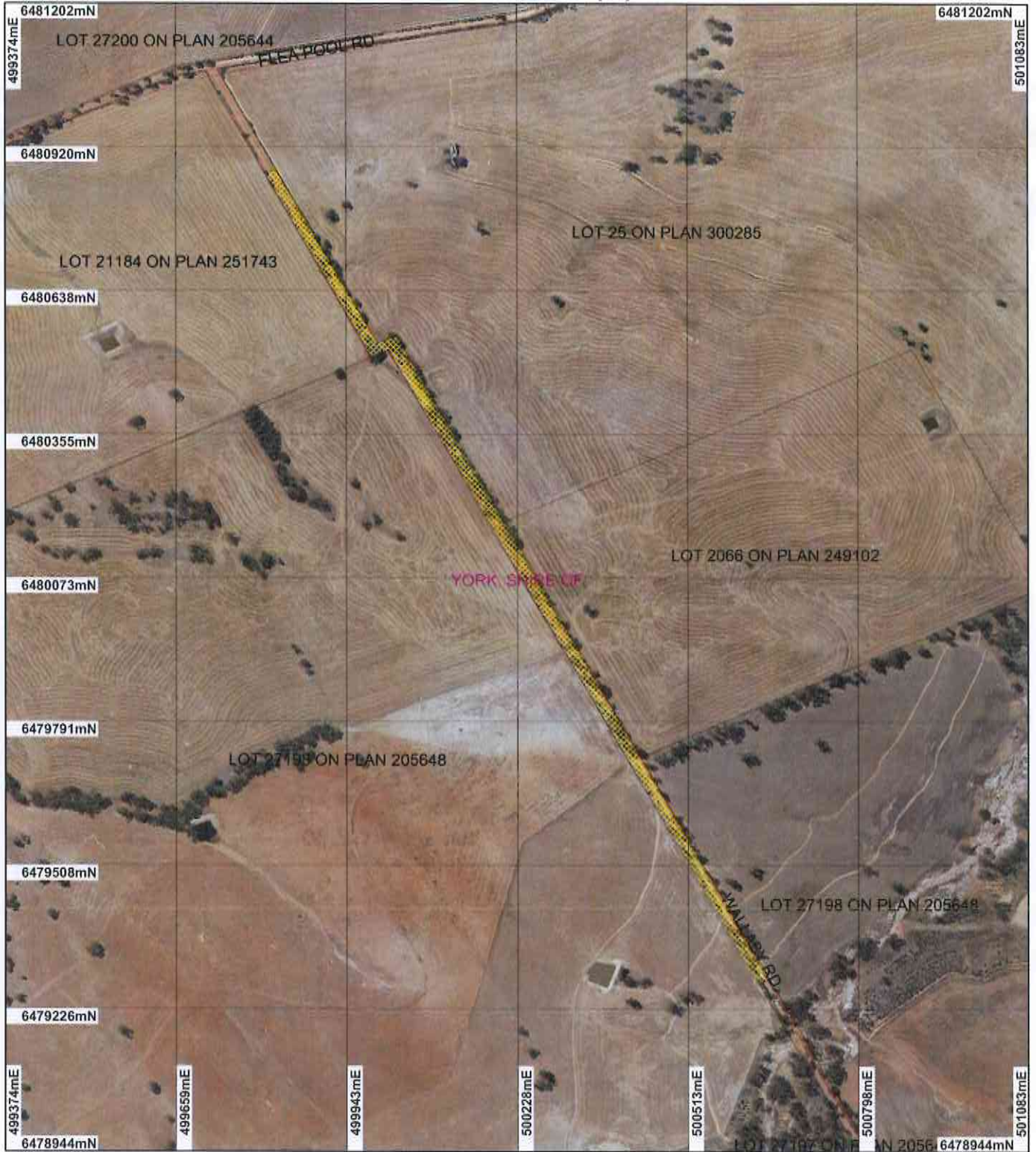
Information derived from this map should be confirmed with the data custodian acknowledged by the agency acronym in the legend.



Government of Western Australia
Department of Environment Regulation

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Plan 5002/2 (b)



LEGEND

Clearing Instruments

- Areas Approved to Clear
- Road Centrelines
- Cadastre

Cadastral for labelling

- Local Government Authorities
- Northam 50cm Orthomosaic - Landgate 2006



Scale 1:10000

(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.

M Warrock Date 13/3/14

M Warrock

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

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Plan 5002/2 (c)



LEGEND

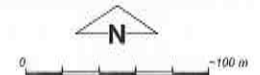
Clearing Instruments

- Areas Approved to Clear
- Road Centrelines
- Cadastre

Cadastre for labelling

- Local Government Authorities

Northam 50cm Orthomosaic - Landgate 2006



Scale 1:4000

(Approximate when reproduced at A4)

Geocentric Datum Australia 1994

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M Warnock Date 13/3/14

M Warnock

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Plan 5002/2 (d)



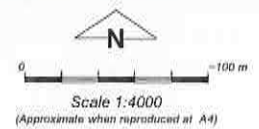
LEGEND

Clearing Instruments

- Areas Approved to Clear
- Road Centrelines
- Cadastre

Cadastre for labelling

- Local Government Authorities
- Northam 50cm Orthomosaic - Landgate 2006



Geocentric Datum Australia 1994

Note: the data in this map have not been projected. This may result in geometric distortion or measurement inaccuracies.

M Warrock Date **13/3/14**

M Warrock

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

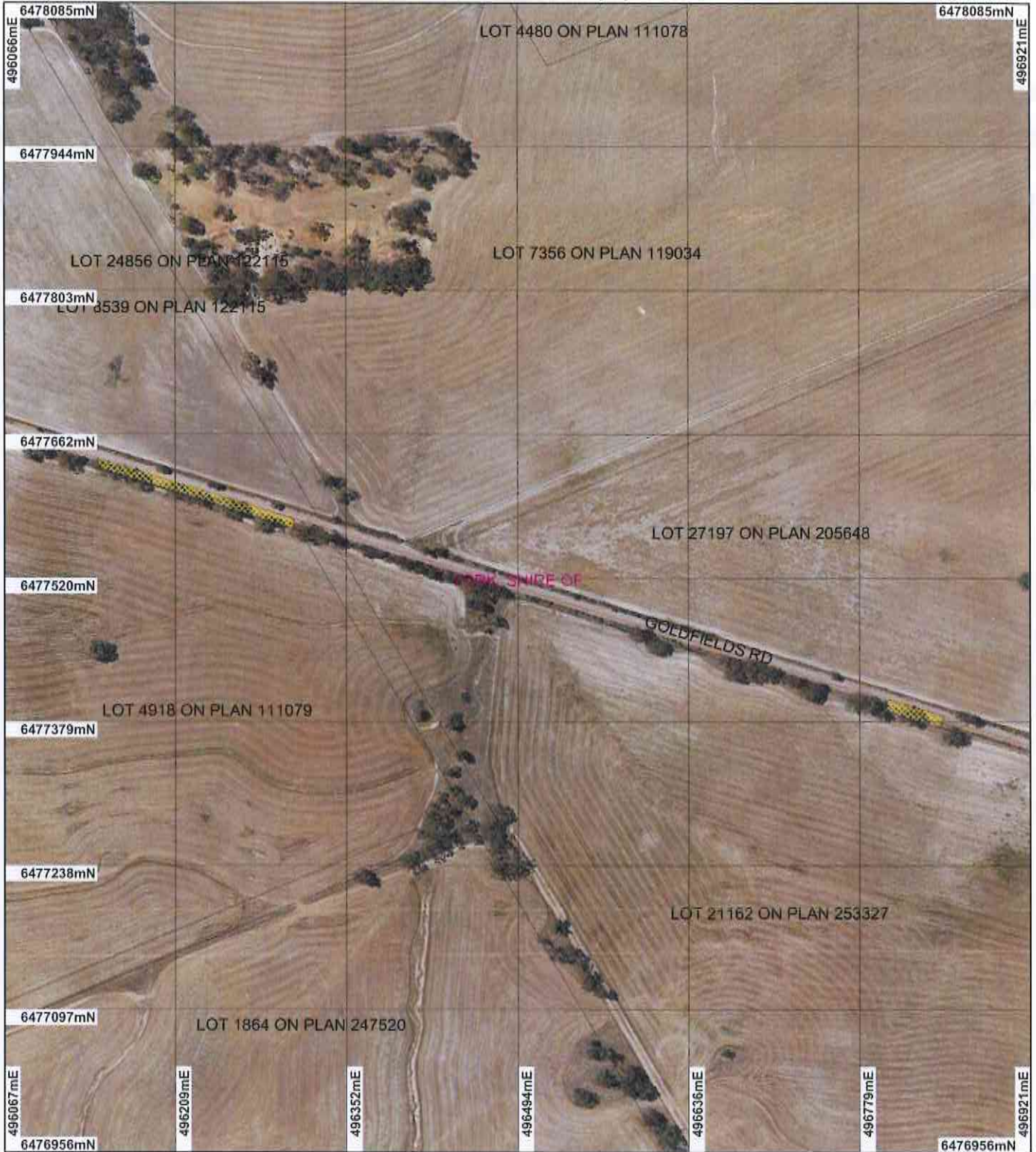
Information derived from this map should be confirmed with the data custodian acknowledged by the agency acronym in the legend.



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Plan 5002/2 (e)



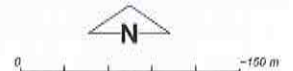
LEGEND

Clearing Instruments

- Areas Approved to Clear
- Road Centrelines
- Cadastre

Cadastre for labelling

- Local Government Authorities
- Northam 50cm Orthomosaic - Landgate 2006



Scale 1:5000

(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.

M Warnock Date 13/3/14

M Warnock

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

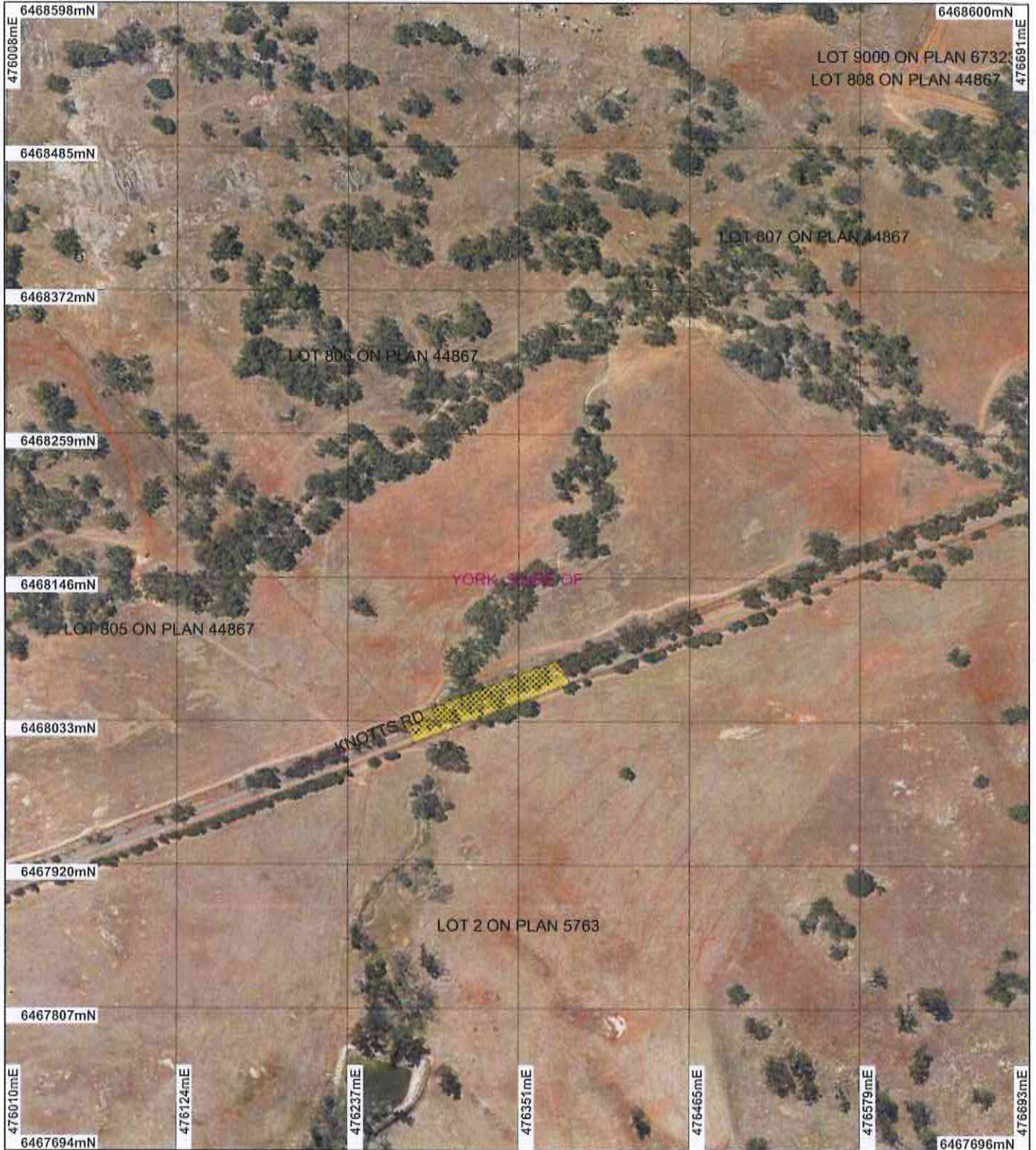
Information derived from this map should be confirmed with the data custodian acknowledged by the agency acronym in the legend.



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Plan 5002/2 (f)



LEGEND

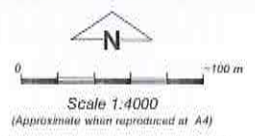
Clearing Instruments

- Areas Approved to Clear
- Road Centrelines
- Cadastre

Cadastre for labelling

- Local Government Authorities

Northam 50cm Orthomosaic - Landgate 2006



Geocentric Datum Australia 1994
Note: the data in this map have not been projected. This may result in geometric distortion or measurement inaccuracies.

M Warnock Date 13/3/14
M Warnock

Officer with delegated authority under Section 20 of the Environmental Protection Act 1986
Information derived from this map should be confirmed with the date custodian acknowledged by the agency acronym in the legend.

Plan 5002/2 (g)



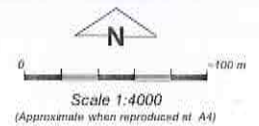
LEGEND

Clearing Instruments

- Areas Approved to Clear
- Road Centrelines
- Cadastre

Cadastre for labelling

- Local Government Authorities
- Northam 50cm Orthomosaic - Landgate 2006



Geocentric Datum Australia 1994

Note: the data in this map have not been projected. This may result in geometric distortion or measurement inaccuracies.

M Warnock Date 13/3/14

M Warnock
 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.



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Plan 5002/2 (h)



LEGEND

Clearing Instruments

- Areas Approved to Clear
- Road Centrelines
- Cadastre

Cadastre for labelling

- Local Government Authorities
- Northern 50cm Orthomosaic - Landgate 2006



Scale 1:8000
(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.

M Warnock Date 13/3/14
M Warnock

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.: 5002/2
Permit type: Purpose Permit

1.2. Proponent details

Proponent's name: Shire of York

1.3. Property details

Property: SPENCERS BROOK-YORK ROAD RESERVE PIN 11339639 (YORK 6302)
WALLABY ROAD RESERVE PIN 1353869 (BADGIN 6302)
TALBOT WEST ROAD RESERVE PIN 11429957 (MOUNT OBSERVATION 6302)
TALBOT WEST ROAD RESERVE PIN 11429956 (MOUNT OBSERVATION 6302)
GOLDFIELDS ROAD RESERVE PIN 11446401 (MALEBELLING 6302)
KNOTTS ROAD RESERVE PIN 11596303 (BALLADONG 6302)
MOKINE ROAD RESERVE PIN 11492414 (WILBERFORCE 6302)
NORTH ROAD RESERVE PIN 11339636 (YORK 6302)

Local Government Area: Shire of York

1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
0.1	43	Mechanical Removal	Road construction or maintenance

1.5. Decision on application

Decision on Permit Application: Grant
Decision Date: 13 March 2014

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 Association 4 is described as medium woodland; marri and wandoo (Shepherd et al 2001).	The clearing consists of 0.1 hectares of native vegetation and 43 native trees within Wallaby Road reserve, Badgin, Knotts Road reserve, Balladong, Goldfields Road reserve, Malebelling, Talbot West Road reserve, Mount Observation, Mokine Road reserve, Wilberforce, North Road and Spencers Brook-York Road reserves, York, Shire of York, for the purpose of improving line of sight, road widening and bridge construction.	Degraded: Structure severely disturbed; regeneration to good condition requires intensive management (Keighery 1994) To Completely Degraded: No longer intact; completely/almost completely without native species (Keighery 1994).	The application is to amend existing clearing permit CPS 5002/1 to include the clearing of an additional 0.1 hectares of native vegetation and 25 native trees and include additional road reserves and the purpose of bridge construction, resulting in the total clearing size of 0.1 hectares and 43 trees within various road reserves in the Shire of York for the purpose of improving line of sight, road widening and bridge construction. The areas under application consist of road side vegetation in a degraded to completely degraded (Keighery 1994) condition. With the exception of the 0.1 hectare area proposed for bridge construction, the remainder of the application consists of isolated trees with no clearing of mid or understorey.
Mapped Beard Vegetation Association 37 is described as shrublands; teatree thicket (Shepherd et al 2001).			
Mapped Beard Vegetation Association 128 is described as bare areas; rock outcrops (Shepherd et al 2001).			
Mapped Beard Vegetation Association 352 is described as medium woodland; york gum (Shepherd et al 2001).			The condition and description of the vegetation under application was determined using aerial imagery (Northam 50cm Orthomosaic - Landgate 2006).

3. Assessment of application against clearing principles

Comments

The application is to amend existing clearing permit CPS 5002/1 which allows the clearing of 18 native trees, to include the clearing of an additional 0.1 hectares of native vegetation and 25 native trees, resulting in a total proposed clearing area of 0.1 hectares and 43 trees.

The vegetation proposed to be cleared is in degraded to completely degraded (Keighery 1994) condition and consists predominantly of individual Eucalyptus sp. trees.

The proposed clearing consists of eight separate areas with 14 trees being the most clearing proposed in any one section.

There are numerous records of rare and priority flora within a 10 kilometre radius of each of the proposed clearing areas, however as the majority of the clearing consists of individual trees along road reserves in a degraded to completely degraded (Keighery 1994) condition, the proposed clearing is unlikely to impact upon any flora of conservation significance or contain high biodiversity values. There are no threatened or priority ecological communities mapped within a 10 kilometre radius of each of the proposed clearing areas.

Twenty eight fauna species of conservation significance have been recorded within a 10 kilometre radius of each of the proposed clearing areas, including Carnaby's cockatoo (*Calyptorhynchus latirostris*), which is classified as Endangered under the Environment Protection and Biodiversity Conservation Act 1999 and as 'rare or likely to become extinct' under the Western Australian Wildlife Conservation Act 1950, Baudin's cockatoo (*Calyptorhynchus baudinii*) and forest red-tailed black cockatoo (*Calyptorhynchus banksii* subsp. *naso*) which are listed as Vulnerable under the Environment Protection and Biodiversity Conservation Act 1999 and 'rare or likely to become extinct' under the Wildlife Conservation Act 1950 and the red-tailed phascogale (*Phascogale calura*) which is listed as 'rare or likely to become extinct' under the Wildlife Conservation Act 1950. These species favour mature Eucalyptus sp. trees bearing hollows suitable for breeding and are under threat from cumulative clearing of Eucalyptus woodland in the wheatbelt region. A site inspection determined that the Wallaby Road reserve section of the proposed clearing consists of 14 Eucalyptus sp. trees, many of which contained hollows of a suitable size to be utilised by fauna (DEC 2012). Other sections of the proposed clearing may also contain mature trees with hollows or the potential to develop hollows, so the application area may contain significant habitat for fauna of conservation significance. Appropriate fauna management practices will ensure that no fauna is harmed during the clearing process.

The Shire of York is highly cleared, with approximately 36 per cent of the pre-European vegetation extent remaining (Government of Western Australia, 2011). The areas under application are mapped as Beard Vegetation Associations 4, 37 and 128 (Shepherd et al 2001) which retain approximately 29, 74 and 90 per cent of the original vegetation extent respectively (Government of Western Australia 2013), within the Jarrah Forest IBRA Bioregion, and Beard Vegetation Association 352 (Shepherd et al 2001) which retains approximately 17 per cent of the original extent within the Avon Wheatbelt IBRA Bioregion (Government of Western Australia 2013). Although the Shire of York has been extensively cleared and Beard Vegetation Associations 4 and 352 are poorly represented, the areas under application within these mapped associations consists only of individual trees and no mid or understorey and are therefore not representative of the mapped vegetation associations. Therefore the areas under application are not likely to be significant as remnants in an extensively cleared area.

Two of the application areas (Talbot West Road reserve and Knotts Road reserve) are intersected by watercourses and the proposed clearing may involve some riparian vegetation due to the purpose of clearing within these areas being for bridge construction.

Due to the small size and degraded to completely degraded (Keighery 1994) condition of the areas under application, it is unlikely for the proposed clearing to impact on nearby conservation areas, cause or exacerbate land degradation or flooding or impact on water quality.

Considering the above, the application may be at variance to clearing principles (b) and (f), and is not likely to be at variance to the remaining principles.

Methodology

References

- DEC (2012)
- Government of Western Australia (2013)
- Keighery (1994)
- Shepherd et al (2001)

GIS Databases

- DEC tenure
- Hydrography, linear DOW
- NWLRA, Extent of Native Vegetation
- Pre-European vegetation
- SAC Biodatasets - accessed February 2014

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

Comments

The application is to amend existing clearing permit CPS 5002/1 which allows the clearing of 18 native trees, to include the clearing of an additional 0.1 hectares of native vegetation and 25 native trees, resulting in a total proposed clearing area of 0.1 hectares and 43 trees.

An application was originally submitted to amend clearing permit CPS 5002/1 to include an additional 20.57 hectares of native vegetation and 32 native trees, however due to the potential environmental impacts, this has been significantly reduced.

No public submissions have been received.

The Talbot West Road reserve application areas are within the Helena River Aboriginal Site of Significance, and the Swan River Aboriginal Site of Significance intersects the North Road reserve application area. It is the Shire of York's responsibility to ensure compliance with any obligations under the Aboriginal Heritage Act 1972.

Methodology

GIS Databases
- Aboriginal Sites of Significance

4. References

- DEC (2007 -) NatureMap: Mapping Western Australia's Biodiversity. Department of Environment and Conservation. URL: <http://naturemap.dec.wa.gov.au/>. Accessed 06/06/2013.
- DEC (2012) Site Inspection Report for Clearing Permit Application CPS 5002/1, Spencers Brook Road reserve and Wallaby Road reserve. Site inspection undertaken 19 April 2012. Department of Environment and Conservation, Western Australia (DEC Ref: A500155).
- Government of Western Australia (2013) 2012 Statewide Vegetation Statistics incorporating the CAR Reserve Analysis (Full Report). Current as of October 2012. WA Department of Environment and Conservation, 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. Technical Report 249. Department of Agriculture Western Australia, South Perth.