



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

Purpose Permit number:	CPS 3184/1
Permit Holder:	Steelcon Constructions (NT) Pty Ltd
Duration of Permit:	16 August 2009 – 16 August 2014

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 constructing a bridge and temporary access way

2. Land on which clearing is to be done

LOT 23 ON PLAN 215172 (Lot No. 23 GREAT NORTHERN WARMUN 6743)
ROAD RESERVE PIN 11725571(WARMUN 6743)
ROAD RESERVE PIN 11725570 (WARMUN 6743)
LOT 34 ON PLAN 215975 (Lot No. 23 GREAT NORTHERN WARMUN 6743)
LOT 25 ON PLAN 184912 (Lot No. 23 GREAT NORTHERN WARMUN 6743)
LOT 6 ON PLAN 184912 (Lot No. 23 GREAT NORTHERN WARMUN 6743)

3. Area of Clearing

The Permit Holder must not clear more than 0.5 hectares of native vegetation within the area hatched yellow on attached Plan 3184/1.

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. Compliance with Assessment Sequence and Management Procedures

Prior to clearing any native vegetation under conditions 1, 2 and 3 of this Permit, the Permit Holder must comply with the Assessment Sequence and the Management Procedures set out in Part II of this Permit.

PART II – ASSESSMENT SEQUENCE AND MANAGEMENT PROCEDURES

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:

- avoid the clearing of native vegetation;
- minimise the amount of native vegetation to be cleared; and
- reduce the impact of clearing on any environmental value.

7. 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.

PART III - RECORD KEEPING AND REPORTING

8. 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 species composition, structure and density of the cleared area;
- (b) 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;
- (c) the date that the area was cleared; and
- (d) the size of the area cleared (in hectares).

9. Reporting

- (a) The Permit Holder must provide to the CEO, on or before 30 June of each year, a written report of records required under condition 8 of this Permit and activities done by the Permit Holder under this Permit between 1 January and 31 December of the preceding year.
- (b) Prior to 16 May 2014, 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:

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;

term means the duration of this Permit, including as amended or renewed;

weed/s means a species listed in Appendix 3 of the "Environmental Weed Strategy" published by the Department of Conservation and Land Management (1999), and plants declared under section 37 of the *Agriculture and Related Resources Protection Act 1976*.

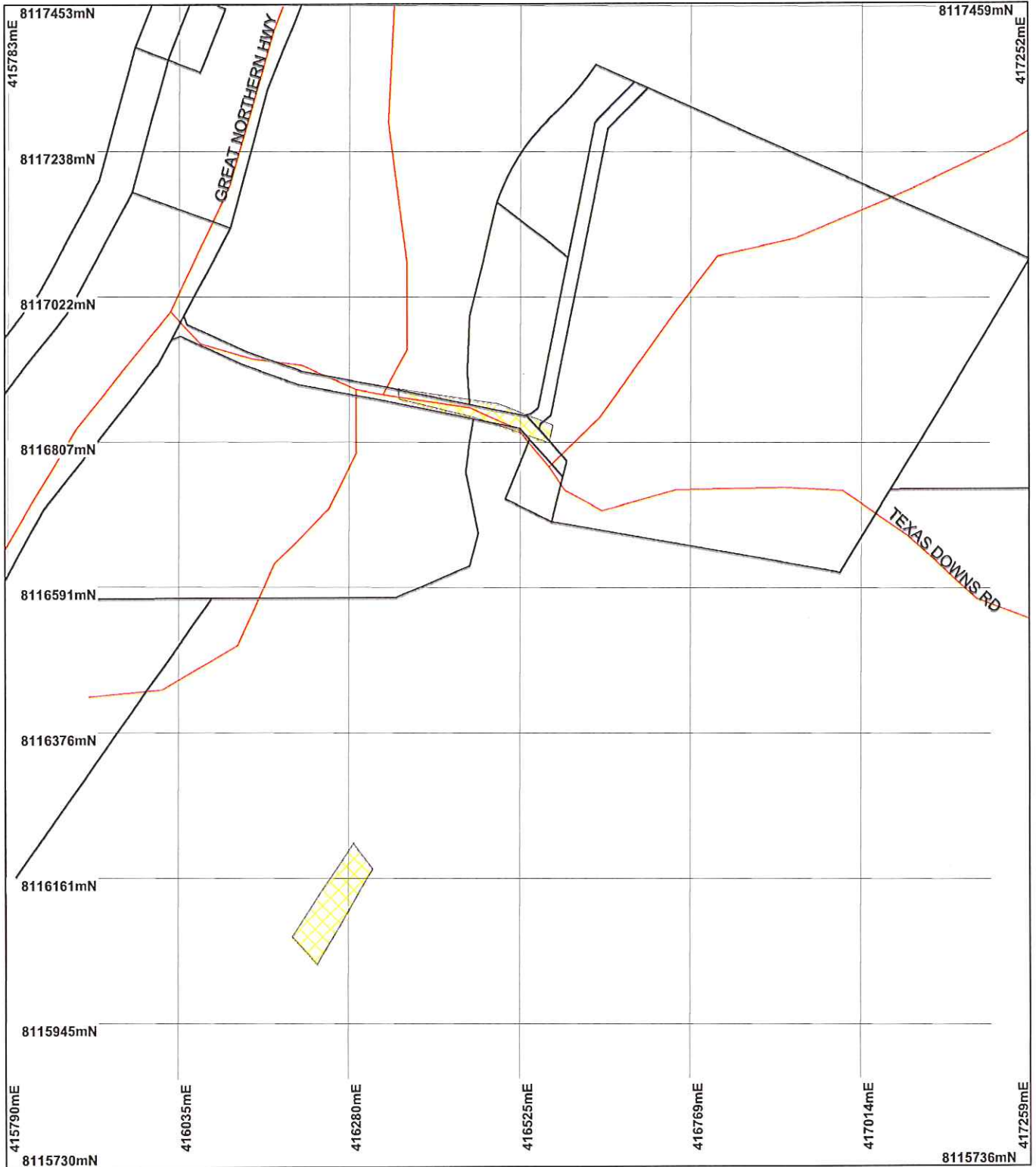


Kelly Faulkner
MANAGER
NATIVE VEGETATION CONSERVATION BRANCH

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

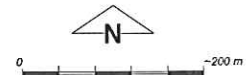
16 July 2009

Plan 3184/1



LEGEND

- Clearing Instruments**
- Areas Approved to Clear
 - Road Centrelines
 - Cadastre



Scale 1:7995
(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.

Date 16/7/09

K Faulkner
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.



Department of Environment and Conservation

Our environment, our future
WA Crown Copyright 2002

* Project Data is denoted by asterisk. This data has not been quality assured. Please contact map author for details.



1. Application details

1.1. Permit application details

Permit application No.: 3184/1
 Permit type: Purpose Permit

1.2. Proponent details

Proponent's name: Steelcon Constructions (NT) Pty Ltd

1.3. Property details

Property: LOT 23 ON PLAN 215172 (Lot No. 23 GREAT NORTHERN WARMUN 6743)
 LOT 23 ON PLAN 215172 (Lot No. 23 GREAT NORTHERN WARMUN 6743)
 ROAD RESERVE (WARMUN 6743)
 LOT 34 ON PLAN 215975 (Lot No. 23 GREAT NORTHERN WARMUN 6743)
 LOT 25 ON PLAN 184912 (Lot No. 23 GREAT NORTHERN WARMUN 6743)
 LOT 6 ON PLAN 184912 (Lot No. 23 GREAT NORTHERN WARMUN 6743)

Local Government Area: Shire Of Halls Creek

Colloquial name:

1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
0.5		Mechanical Removal	Building or Structure

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 under application is comprised of Beard vegetation association 834: Grasslands, tall bunch grass savanna, mitchell & blue grass.	The vegetation under application is in a completely degraded (Keighery, 1994) condition and consists mainly of weeds with only a few trees remaining. The trees species that are present are Eucalypt and Ficus speices over completely degraded grassy understorey (DEC, 2009).	Completely Degraded: No longer intact; completely/almost completely without native species (Keighery 1994)	The condition and description of the application area was determined via the use of aerial mapping systems and photographs supplied by the applicant.

3. Assessment of application against clearing principles

Comments

The proposed clearing of 0.5ha is for the construction of a bridge and a temporary access way to allow for residence to cross the watercourse during the wet season.

The vegetation under application is in a completely degraded (Keighery, 1994) condition and consists mainly of weeds with only a few trees remaining. The trees species that are present are Eucalypt and Ficus species over non-native grass understorey (DEC, 2009). The application also covers an area for the purpose of sand extraction within a creek, to be used for construction activities. Current images of this section of the creek show that no vegetation is present; however vegetation growth may be seasonal.

The vegetation type under application (Beard 834) is well represented in the local area (20km radius), with 100% of pre-European levels of vegetation remaining in the Shire and Bioregion (Shepherd et al. 2007).

No threatened fauna species have been recorded within the local area (20km radius). There is limited data for the local area and therefore the absence of species does not correlate to their likelihood of occurring in this area. However, given the small size (0.5 ha) and degraded condition of the applied area, it is unlikely that the application area provides significant habitat for fauna species. A number of priority listed flora species (including one priority one species) have been recorded within the local area, none of which occur on the same soil or vegetation type as the application area and all are at a distance of 15km or greater from the applied

areas.

The construction of the bridge is to occur over Turkey Creek and therefore it is considered that riparian vegetation will be impacted by the proposed clearing. The amount of riparian vegetation cleared is expected to be minimal as there is limited vegetation within the proposal area and the vegetation is in a completely degraded (Keighery, 1994) condition (DEC, 2009). To further reduce the impacts that clearing may have on the local area, weed control conditions will be imposed on the permit.

The proposed clearing is unlikely to cause any significant environmental concerns.

Methodology DEC (2009)
Keighery (1994)
Shepherd et al. (2007)
GIS DataSets:

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

Comments

A licence to interfere with bed and banks has been applied for and the Department of Water has indicated that the requirements have been met, with the only hold up being the applicant acquiring a clearing permit (Trim Ref: DOC90451).

The Shire has no objection to the proposed clearing within the road reserve and has indicated that due to the area under application being controlled by the Warmun community, no extractive industry licence is required from them prior to the commencement of works; The Warmun community has a lease over Reserve 34593 where the removal of sand is to take place and supports the proposed clearing.

Methodology

4. References

- DEC (2009) Flora Advice. Department of Environment and Conservation Trim Ref DOC89563
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. (2007). Adapted from: 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. Includes subsequent updates for 2006 from Vegetation Extent dataset ANZWA105000124.

5. Glossary

Term	Meaning
BCS	Biodiversity Coordination Section of DEC
CALM	Department of Conservation and Land Management (now BCS)
DAFWA	Department of Agriculture and Food
DEC	Department of Environment and Conservation
DEP	Department of Environmental Protection (now DEC)
DoE	Department of Environment
DoIR	Department of Industry and Resources
DRF	Declared Rare Flora
EPP	Environmental Protection Policy
GIS	Geographical Information System
ha	Hectare (10,000 square metres)
TEC	Threatened Ecological Community
WRC	Water and Rivers Commission (now DEC)