



## CLEARING PERMIT

*Granted under section 51E of the Environmental Protection Act 1986*

<b>Purpose Permit number:</b>	CPS 5493/1
<b>Permit Holder:</b>	Alzheimer's Australia WA Ltd
<b>Duration of Permit:</b>	From 24 May 2013 to 24 May 2015

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 installing water services

**2. Land on which clearing is to be done**

Lot 502 on Deposited Plan 70038, WARRENUP (6330)  
Henry Street road reserve (PIN 11737324), MILPARA (6330)

**3. Area of Clearing**

The Permit Holder must not clear more than 0.01 hectares of native vegetation within the area shaded yellow on attached Plan 5493/1.

**4. Application**

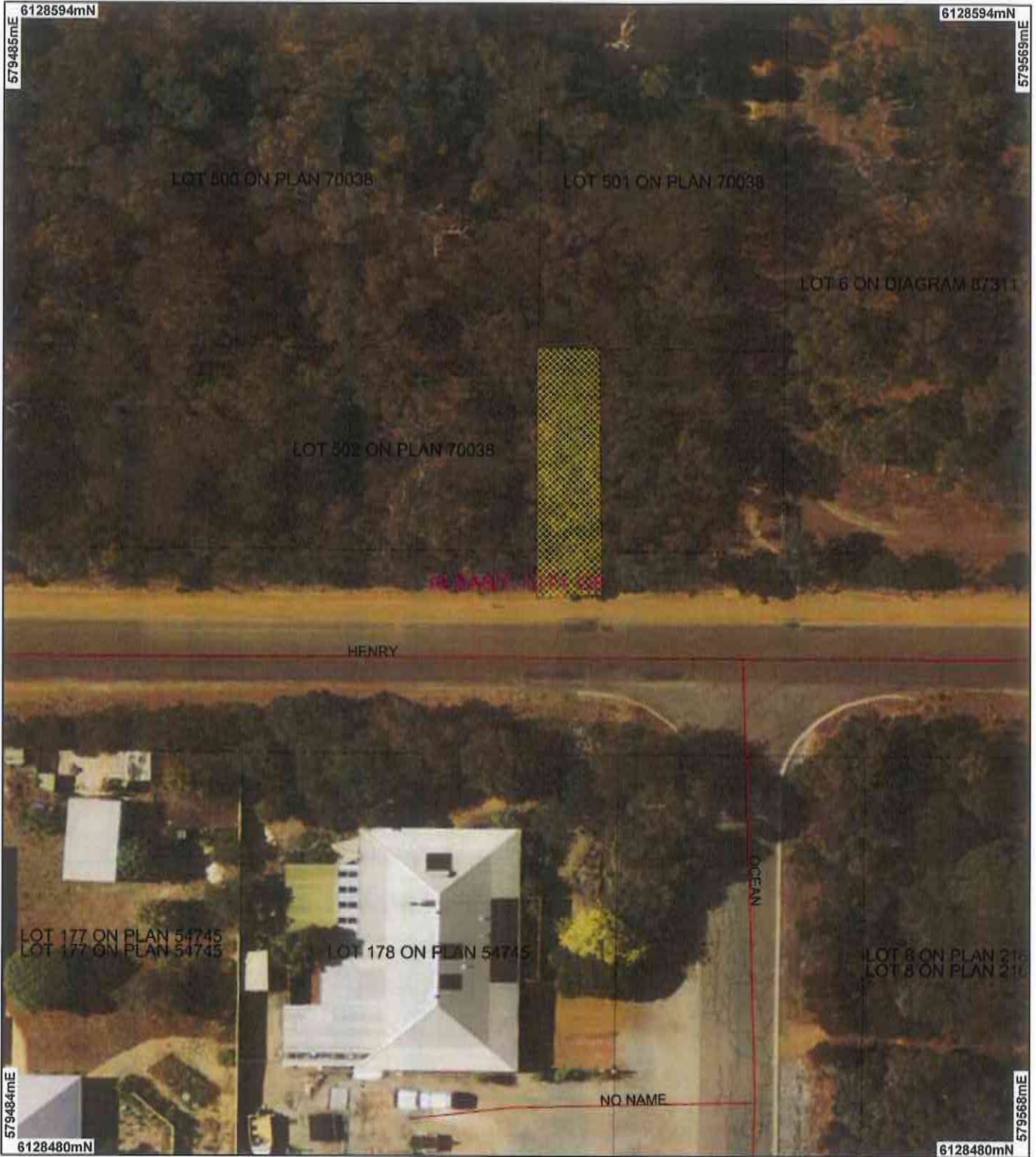
This Permit allows the Permit Holder to authorise persons, including employees, contractors and agents of the Permit Holder, to clear native vegetation for the purposes of this Permit subject to compliance with the conditions of this Permit and approval from the Permit Holder.

M Warnock  
MANAGER  
NATIVE VEGETATION CONSERVATION BRANCH

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

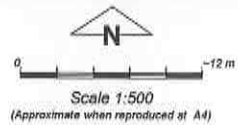
2 May 2013

# Plan 5493/1



## LEGEND

- |  |                         |
|--|-------------------------|
| Road Centrelines                                 | Clearing Instruments    |
| Cadastre_1<br>Albany Townsite Jan 2011<br>Mosaic | Areas Approved to Clear |
| Local Government<br>Authorities                  |                         |



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 2/5/13  
 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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## 1. Application details

### 1.1. Permit application details

Permit application No.: 5493/1  
Permit type: Area Permit

### 1.2. Proponent details

Proponent's name: Alzheimers Australia WA Ltd

### 1.3. Property details

Property: LOT 502 ON PLAN 70038 (Lot No. 502 HENRY WARRENUP 6330)  
ROAD RESERVE ( MILPARA 6330)  
Local Government Area: Shire of Broome

Colloquial name:

### 1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
0.01		Mechanical Removal	Water/gas/cable/pipeline/power installation

### 1.5. Decision on application

Decision on Permit Application: Grant  
Decision Date: 2 May 2013

## 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
Beard vegetation association: 978: Low forest; jarrah, Eucalyptus staeri & Allocasuarina fraseriana (Shepherd et al., 2001).	The proposed clearing of 0.01 hectares is within Lot 502 and Henry Street Road reserve is for the purpose of installing water services.  Aurora Environmental described the vegetation proposed to be cleared to consist of marri (Corymbia calophylla), jarrah (Eucalyptus marginata) and western sheoak (Allocasuarina fraseriana) with Hakea, Acacia and Xanthosia species as understorey (Aurora Environmental, 2013).	Very Good: Vegetation structure altered; obvious signs of disturbance (Keighery 1994).	The vegetation condition and description was determined from aerial photography (Albany Townsite Jan 2011 Mosaic) and photographs supplied by the Aurora Environmental (2013).

The vegetation to the north, east and west of the proposed clearing area is in very good (Keighery 1994) condition. The application area is situated on the northern side of Henry Road Reserve.

## 3. Assessment of application against clearing principles

### Comments

Alzheimer's Australia WA has applied to clear up to 0.01 hectare of native vegetation for the purpose of installing water services and is unlikely to have any significant environmental impacts. The vegetation is in very good (Keighery, 1994) condition and consists of marri (Corymbia calophylla), jarrah (Eucalyptus marginata) and western sheoak (Allocasuarina fraseriana) with Hakea, Acacia and Xanthosia species as understorey (Aurora Environmental, 2013).

There is approximately 50 percent of native vegetation cover remaining within the local area (10 kilometre radius) and the application area is part of a relatively large remnant within the extensively cleared Albany townsite. The vegetation under application is mapped as Beard Vegetation Association 978 (Shepherd et al., 2001) with approximately 40 percent remaining within the Southern Jarrah Forest IBRA region (Government of Western Australia, 2011).

There are numerous records of flora of conservation significance (Western Australian Herbarium, 1998-) and 4 priority ecological communities in the local area. Considering the habitat requirements for these species, the vegetation under application may support their suitable habitat. However given the relatively small amount of clearing (0.01 hectares) proposed and the extent of similar habitat in the surrounding area, the proposed clearing is unlikely to significantly impact these species.

The application area may provide some suitable habitat for the chuditch (*Dasyurus geoffroi* - Vulnerable under the *Environmental Protection Biodiversity Conservation Act 1999* (EPBC Act)), western Ringtail Possum (*Pseudocheirus occidentalis* - Vulnerable under the EPBC Act) and quenda (*Isoodon obesulussubsp. fusciventer* - Endangered under the EPBC Act) (Department of Sustainability, Environment, Water, Population and Communities (DSEWPC), 2011 - ). Given, the vegetation to be cleared is well represented in the local area (50 percent) and the proposed clearing is unlikely to impact on significant habitat for the chuditch, western ringtail possum, quenda or other fauna indigenous to Western Australia.

The nearest conservation area is DEC land for Wildlife sites, approximately 600 metres west of the application area. Considering the small scale of the proposed clearing (0.01 hectares) and distance to conservation areas, the proposed clearing is unlikely to have an appreciable impact to the conservation values of this area.

There are numerous watercourses located around the application area; the nearest watercourses are the water dams approximately 500 metres to the north east. Other watercourses include minor non-perennial watercourses 700 metres east and west and minor drains situated approximately 1 kilometres west and south of the application area. Due to the small size of the application area (0.01 hectares), the proposed clearing is unlikely to result in significant impacts to water quality. It is also unlikely to increase the incidence or intensity of flooding or cause appreciable land degradation.

Considering the above, the proposed clearing is not likely to be at variance to the clearing principles.

- Methodology**
- Aurora Environmental (2013)
  - DSEWPC (2011-)
  - Government of Western Australia (2013)
  - Keighery (1994)
  - Shepherd et al (2001)
  - Western Australian Herbarium (1998-)

GIS databases:

- Albany Townsite Jan 2011 Mosaic
- DEC Managed Lands
- Hydrography, linear
- NWLRA, Extent of Native Vegetation
- Pre-European vegetation -
- SAC Bio datasets (Accessed 18 March 2013)
- Soils, Statewide

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

#### **Comments**

On behalf of Alzheimer's Australia WA Ltd, Aurora Environmental has applied to clear 0.01 hectares of native vegetation within Lot 2 and Henry Street Road reserve for the installation of water services. The clearing was amended from 0.02 to 0.01 hectare (Aurora Environmental, 2013).

Aurora Environmental reported that the DEC office in Albany had been involved in the development of the application and has facilitated the widening of Henry Street Road reserve (Aurora Environmental, 2013).

Approval to access Lot 502 and Henry Street Road Reserve, Milpara have been granted by the City of Albany (City of Albany, 2013).

City of Albany reported no records of declared rare flora within the vicinity of the application area and advises for the proposed work to have minimal impact on the environment (City of Albany, 2013).

Lot 502 and Henry Street Road reserve is zoned H for public purposes under the Local Town Planning Scheme.

No submissions from the public have been received.

There are no Aboriginal sites of significance mapped within the application area.

#### **Methodology**

References

- Aurora Environmental (2013)
- City of Albany (2013)

GIS databases:

- Aboriginal Sites of Significance
- Town Planning Scheme Zones

## 4. References

- Aurora Environmental (2013) CPS 5493/1 Application form and supporting documents for clearing application. Lot 502 on Deposited Plan 70038 and Henry Street Road Reserve, Milpara. DEC Ref. A600674 and A610503.
- City of Albany (2013) Letter of Approval and Advice for CPS 5493/1 to access Lot 502 on Deposited Plan 70038 and Henry Street Road Reserve, Milpara. DEC Ref.A616567.
- DSEWPC (2011 - ) Australia's Biodiversity. Department of Sustainability, Environment, Water, Population and Communities. URL: [http://www.environment.gov.au/cgi-bin/sprat/public/publicspecies.pl?taxon\\_id=330](http://www.environment.gov.au/cgi-bin/sprat/public/publicspecies.pl?taxon_id=330). Accessed 23/04/2013.
- 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.
- Western Australian Herbarium (1998-) FloraBase - The Western Australian Flora. Department of Environment and Conservation. <http://florabase.dec.wa.gov.au/> (Accessed 18/04/2013).

## 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)