

A 1016825



**CLEARING PERMIT**

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

<b>Purpose Permit number:</b>	CPS 6696/1
<b>Permit Holder:</b>	Pointform Pty Ltd
<b>Duration of Permit:</b>	From 02 January 2016 to 02 January 2018

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

**1. Purpose for which clearing may be done**

Clearing for the purpose of drainage.

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

Darling Chase Road reserve (PIN 1107818), Wandi

**3. Area of Clearing**

The Permit Holder must not clear more than 0.0593 hectares of native vegetation within the area hatched yellow on attached Plan 6696/1.

**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.

James Widenbar  
MANAGER  
CLEARING REGULATION

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

3 December 2015







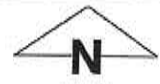
# Plan 6696/1

392500



## Legend

-  Areas approved to clear
-  Roads
-  LGA
-  Cadastre
- Virtual Mosaic (LGATE-V001)
- 



1:1,704

MGA 94  
Geocentric Datum of Australia 1994

*J. Widenbar* ..... Date *3/12/15*  
J Widenbar

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







## 1. Application details

### 1.1. Permit application details

Permit application No.: 6696/1  
Permit type: Purpose Permit

### 1.2. Applicant details

Applicant's name: Pointform Pty Ltd

### 1.3. Property details

Property: ROAD RESERVE - 11007818, WANDI  
Colloquial name:  
Local Government Authority: KWINANA, CITY OF  
DER Region: Greater Swan  
DPaW District: SWAN COASTAL  
LCDC:  
Localities: WANDI

### 1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
0.0593	0	Mechanical Removal	Drainage

### 1.5. Decision on application

Decision on Permit: Granted  
Application:  
Decision Date: 03 December 2015

## 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 mapped as:	Purpose permit to clear 0.0593 hectares of native vegetation within Darling Chase Road reserve (PIN 11007818), Wandi for the purpose of drainage.	Good; Structure significantly altered by multiple disturbance; retains basic structure/ability to regenerate (Keighery, 1994).  To:  Degraded; basic vegetation structure severely impacted by disturbance (Keighery, 1994).	The vegetation condition was determined by a site inspection undertaken by Department of Environment Regulation (DER) on 24 November 2015 (DER, 2015).
<ul style="list-style-type: none"> <li>Hedde Vegetation Bassendean Complex-Central And South is comprised of woodland to low woodland and sedgelands (Hedde et al, 1980).</li> <li>Beard Vegetation Association 1001 is described as medium very sparse woodland; jarrah, with low woodland; banksia &amp; casuarina (Shepherd et al, 2001).</li> </ul>			

## 3. Assessment of application against clearing principles

**Comments** The application to clear 0.0593 hectares of native vegetation within Darling Chase Road reserve (PIN 11007818), Wandi is for the purpose of drainage. The area is located within the Swan Coastal Plain Interim Biogeographic Regionalisation of Australia (IBRA) bioregion.

A site visit of the area under application by Department of Environment Regulation (DER) Officers identified that the vegetation proposed for clearing is in a good to degraded (Keighery, 1994) condition (DER, 2015). The vegetation under application consists predominately of an overstorey of Malaleuca species and *Kunzea glabrescens* with little to no understorey with some invasive weed species present including *Zantedeschia aethiopica* (DER, 2015).

There are 33 rare and priority flora species mapped within the local area (10 kilometre radius), the closest being a rare flora species located approximately 300 metres east of the application area. This species is unlikely to be found within the proposed clearing area due to unsuitable vegetation type and level of degradation of understorey (Strategen, 2015). No Threatened flora species were observed during the site visit undertaken on 14 April 2015 (Strategen, 2015).

According to available databases 38 conservation significant fauna species have been recorded within a 10 kilometre radius. Given the small linear nature of the proposed clearing it is not likely to contain significant habitat for fauna. One *Eucalyptus rudis* tree with a diameter at breast height (DBH) greater than 500 millimetres is located within the proposed clearing area, although it does not have any nesting hollows at present it meets the criteria for potentially significant trees for Threatened species of black cockatoos as identified in the *Environmental Protection and Biodiversity Conservation Act 1999* (Strategen, 2015). The applicant has advised that this tree will be retained as part of this clearing permit application.

There are no Threatened Ecological Communities (TEC's) or Priority Ecological Communities (PEC's) located within the application area. Wandi Nature Reserve (Class C) is located approximately 700 metres east of the area under application. Given the separation distance it is unlikely that the proposed clearing will impact upon the environmental values of this reserve.

The area under application is mapped as Beard Vegetation Association 1001 and Hedde Vegetation Bassendean Complex-Central and South, which retain approximately 23 and 26 per cent of their pre-European vegetation extent respectively (Government of Western Australia, 2014). The national objectives and targets for biodiversity conservation in Australia has a target to prevent clearance of ecological communities with an extent below 30 percent of that present pre-1750, below which species loss appears to accelerate exponentially at an ecosystem level (Commonwealth of Australia, 2001). Within constrained areas (i.e. areas of urban development in cities and major towns) on the Swan Coastal Plain and within the *Greater Bunbury Region Scheme* and *Peel Region Scheme* the target for representation of the pre-clearing extent of a particular extent of a particular native vegetation complex is 10 per cent (EPA, 2006). The application area is located within a constrained area and therefore the vegetation under application is not a significant remnant in a highly cleared area.

The application area is mapped over a conservation category wetland (CCW). A site inspection (DER, 2015) confirmed a small section of the area under application contained riparian vegetation, however due to the relatively small application area and linear nature of the proposed clearing, it is not likely to impact upon the conservation values of this wetland. A site inspection by Strategen on 14 April 2015 indicated that the proposed clearing area comprised a vegetation type different to that of the core wetland and has already been separated from the CCW by the construction of a historical spoon drain and associated road infrastructure.

Given the relatively small size of the application area (0.0593 hectares), its linear nature clearing the vegetation under application is not likely to contribute to or cause land degradation, deteriorate the quality of groundwater or surface water and is not likely to cause or exacerbate flooding.

Given the above, clearing the vegetation under application is at variance to Principle (f) and is not likely to be at variance to the remaining clearing Principles.

#### Methodology

##### References:

Commonwealth of Australia (2001)  
EPA (2006)  
DER (2015)  
Government of Western Australia (2014)  
Keighery (1994)  
Strategen (2015)

##### GIS Databases:

SAC Biodatasets (Accessed October 2015)  
Hydrography linear  
Parks and Wildlife tenure  
NWLRA, Extent of Native Vegetation  
Parks and Wildlife tenure

## Planning instruments and other relevant matters.

**Comments** The Department of Water (DoW) advised that the property lies within the Jandakot groundwater area, Mandogalup sub-area, however the area subject to clearing is not within the Jandakot Public Drinking Water Source Protection area which is approximately 400 metres to the north east. DoW further advises that Pointform Pty Ltd hold a current groundwater licence for the adjacent Wandí South residential development.

The application area is located within the City of Kwinana and zoned as "residential development".

An Aboriginal Site of Significance is mapped within the application area. The applicant is advised to contact the Department of Aboriginal Affairs in relation to their requirements under the *Aboriginal Heritage Act 1972*.

No public submissions have been received in relation to this application.

**Methodology** References:  
DoW (2015)

GIS Databases:  
-Aboriginal Sites of Significance  
-Town Planning Scheme Zones

## 4. References

- Commonwealth of Australia (2001) National Objectives and Targets for Biodiversity Conservation 2001-2005, Canberra
- DER (2015) Site Inspection Report for Clearing Permit Application CPS 6696/1. Site inspection undertaken 24 November 2015. Department of Environment Regulation, Western Australia (Ref. A1013210).
- DoW (2015) Advice for Clearing Permit CPS 6696/1. Department of Water, Western Australia (A972430).
- Government of Western Australia (2014) 2014 Statewide Vegetation Statistics incorporating the CAR Reserve Analysis (Full Report). Current as of June 2014. WA Department of Parks and Wildlife, Perth.
- EPA (2006) Guidance for the Assessment of Environmental Factors – Level of Assessment for Proposals Affecting Natural Areas Within the System 6 Region and Swan Coastal Plain Portion of the System 1 Region. Guidance Statement No 10. Environmental Protection Authority, Western Australia
- Hedde, E. M., Loneragan, O. W., and Havel, J. J. (1980) Vegetation Complexes of the Darling System, Western Australia. In Department of Conservation and Environment, Atlas of Natural Resources, Darling System, Western Australia.
- 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.
- Strategen (2015) Native Vegetation Clearing Permit Application Supporting Documentation, Darling Chase, Wandí, Strategen Environmental Consultants, August 2015

