



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

Purpose Permit number:	CPS 5975/1
Permit Holder:	Shire of Dandaragan
Duration of Permit:	10 May 2014 – 10 May 2019

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 Jurien Bay Sewer upgrade works.

2. Land on which clearing is to be done

Lot 9016 on Deposited Plan 72276, Jurien Bay
Lot 1245 on Deposited Plan 194429 - Reserve 46370, Jurien Bay
Lot 1244 on Deposited Plan 194429 - Reserve 46370, Jurien Bay
Lot 301 on Deposited Plan 72277 - Reserve 28918, Jurien Bay
Lot 1228 on Deposited Plan 193752 - Reserve 38348, Jurien Bay
Lot 351 on Deposited Plan 72940, Jurien Bay
Lot 679 on Deposited Plan 91489 - 38459, Jurien Bay
Lot 504 on Deposited Plan 64265 - Reserve 38590, Jurien Bay
Lot 1154 on Diagram 74808 - Reserve 41333, Jurien Bay
Lot 11300 on Deposited Plan 185509 - Reserve 40417, Jurien Bay
Lot 163 on Deposited Plan 91491, Jurien Bay
Lot 502 on Deposited Plan 64265 - Reserve 35408, Jurien Bay
Lot 1242 on Deposited Plan 194498 - Reserve 18865, Jurien Bay
Airstrip Road reserve (PIN 11414297 and PIN 1049814), Jurien Bay
Bashford Street road reserve (PIN 1299209), Jurien Bay
Hamersley Street road reserve (PIN 11414262), Jurien Bay
Unnamed road reserves (PIN 11414259 and PIN 947661), Jurien Bay

3. Area of Clearing

The Permit Holder must not clear more than 11.27 hectares of native vegetation within the area hatched yellow on attached Plan CPS 5975/1.

4. Application

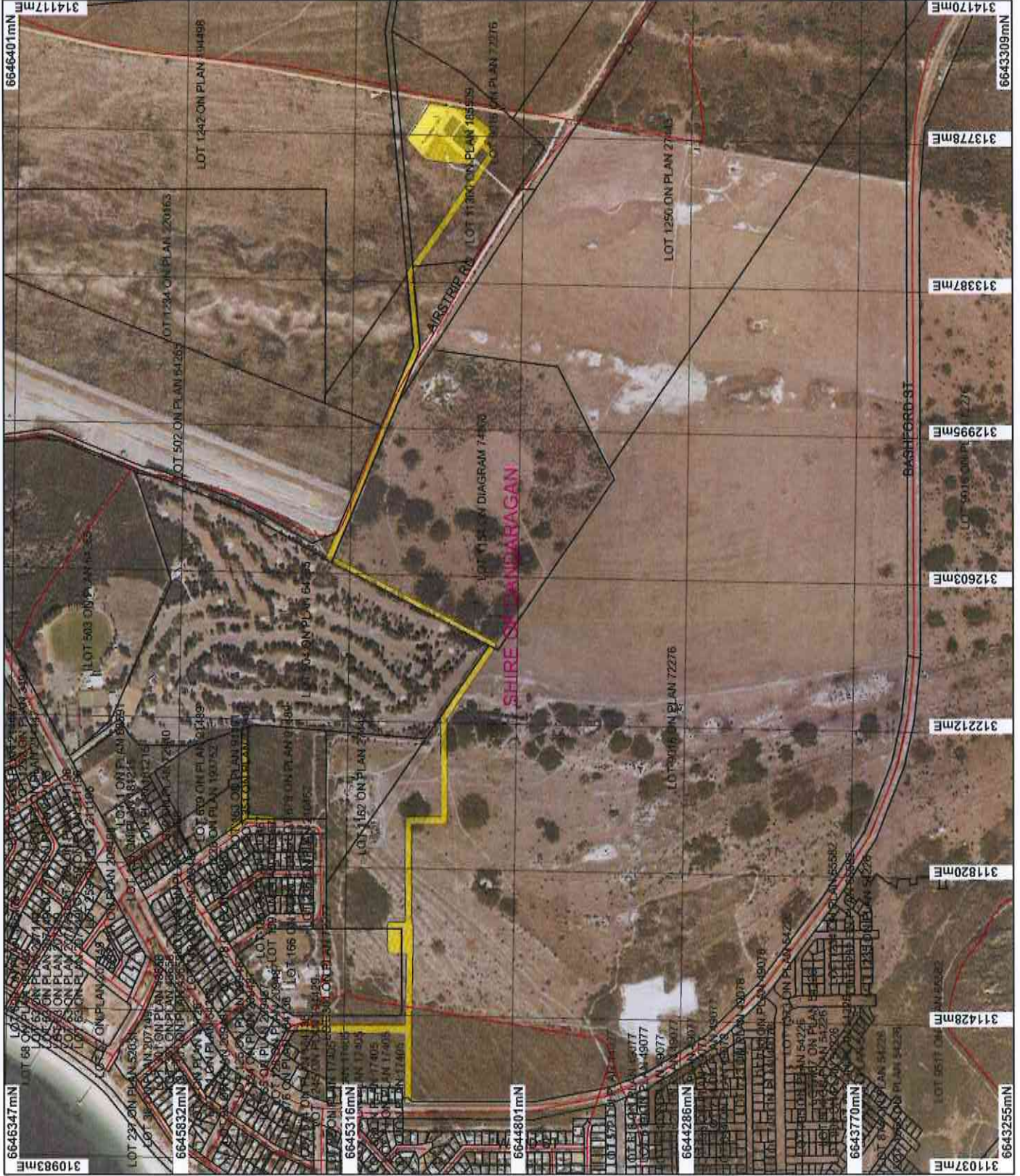
This Permit allows the Permit Holder to authorise persons, including employees, contractors and agents of the Permit Holder, to clear native vegetation for the purposes of this Permit subject to compliance with the conditions of this Permit and approval from the Permit Holder.

M Warnock
MANAGER
NATIVE VEGETATION CONSERVATION BRANCH

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

10 April 2014

Plan 5975/1



LEGEND

- Clearing instruments
- Areas Approved to Clear
- Road Centrelines
- Cadastral
- Local Government Authorities
- Hill River 50cm Orthomosaic - Landgate 2006

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

Scale 1:45000
(Approximate when represented 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 Warrack
Date 10/4/14

Office 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.: 5975/1
Permit type: Purpose Permit

1.2. Proponent details

Proponent's name: Shire of Dandaragan

1.3. Property details

Property:
LOT 9016 ON PLAN 72276 (JURIEN BAY 6516)
LOT 1245 ON PLAN 194429 (House No. 48 HAMERSLEY JURIEN BAY 6516)
LOT 1244 ON PLAN 194429 (House No. 42 HAMERSLEY JURIEN BAY 6516)
ROAD RESERVE (JURIEN BAY 6516)
LOT 301 ON PLAN 72277 (JURIEN BAY 6516)
ROAD RESERVE (JURIEN BAY 6516)
ROAD RESERVE (JURIEN BAY 6516)
LOT 1228 ON PLAN 193752 (House No. 23 WHITFIELD JURIEN BAY 6516)
LOT 351 ON PLAN 72940 (JURIEN BAY 6516)
LOT 679 ON PLAN 91489 (House No. 41 WHITFIELD JURIEN BAY 6516)
LOT 504 ON PLAN 64265 (Lot No. 504 NINETEENTH JURIEN BAY 6516)
LOT 1154 ON DIAGRAM 74808 (JURIEN BAY 6516)
ROAD RESERVE (JURIEN BAY 6516)
LOT 11300 ON PLAN 185509 (JURIEN BAY 6516)
ROAD RESERVE (JURIEN BAY 6516)
LOT 163 ON PLAN 91491 (JURIEN BAY 6516)
LOT 502 ON PLAN 64265 (Lot No. 502 AIRSTRIP JURIEN BAY 6516)
LOT 1242 ON PLAN 194498 (JURIEN BAY 6516)
Local Government Area: Shire of Dandaragan

1.4. Application

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

1.5. Decision on application

Decision on Permit Application: Grant
Decision Date: 10 April 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 1026 is described as a mosaic of shrublands; Acacia rostellifera, Acacia cyclops (in the south) and Melaleuca cardiophylla (in the north) thicket / shrublands; Acacia lasiocarpa and Melaleuca acerosa heath (Shepherd et al 2001).	Jurien Bay Sewer Upgrade	Completely Degraded: No longer intact; completely/almost completely without native species (Keighery 1994). Excellent: Vegetation structure intact; disturbance affecting individual species, weeds non-aggressive (Keighery 1994).	The application is to clear 11.27 hectares of native vegetation within various properties in Jurien Bay, Shire of Dandaragan, for the purpose of conducting sewer upgrade works. The vegetation under application consists of shrubland dominated by Acacia sp. and Melaleuca sp. and varies from completely degraded to excellent (Keighery 1994) condition. The description and condition of the vegetation under application was determined by a flora survey report provided by the applicant (Morgan 2013).

3. Assessment of application against clearing principles

Comments The application is to clear 11.27 hectares of native vegetation within various properties in Jurien Bay, Shire of Dandaragan, for the purpose of conducting sewer upgrade works.

The vegetation under application consists of shrubland dominated by *Acacia* sp. and *Melaleuca* sp. and varies from completely degraded to excellent (Keighery 1994) condition (Morgan 2013).

There are numerous records of rare and priority flora within the local area (10 kilometre radius) however none of these species were identified within the application area during a flora survey (Morgan 2013). There are no threatened or priority ecological communities mapped within the local area.

The Shire of Dandaragan retains approximately 44 per cent (Government of Western Australia 2013) of the original vegetation extent and mapped Beard Vegetation Association 1026 (Shepherd et al 2001) retains approximately 56 per cent (Government of Western Australia 2013) of the original vegetation extent, within the Swan Coastal Plain IBRA Bioregion. The vegetation to be cleared is well represented in the local area (85 per cent), therefore the proposed clearing is unlikely to have a detrimental impact on fauna habitat, consist of an area of high biodiversity or be significant as a remnant in an extensively cleared area.

The application area is at least one kilometre from the nearest mapped watercourse and therefore is not likely to contain any riparian vegetation. Given the linear nature of the 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 is not likely to be at variance to any of the clearing principles.

Methodology References
- Government of Western Australia (2013)
- Keighery (1994)
- Morgan (2013)
- 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 clear 11.27 hectares of native vegetation for the purpose of conducting sewer upgrade works.

Authorisation to access the land under application has been obtained from the Department of Education, Ardross Estates Pty Ltd, the Water Corporation, the Department of Lands and the Health Department of Western Australia.

There are no Aboriginal Sites of Significance mapped within the application area.

Under the Town Planning Scheme Zones, the application area is zoned as 'public purposes', 'parks and recreation', 'residential' and 'special development'.

No public submissions have been received.

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

4. References

- 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.
- Morgan (2013) A Level 1 Flora Survey of the Jurien Bay Infill Sewer Corridor, prepared for Cardno (WA) Pty Ltd, December 2013 (DER Ref: A719490).
- 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.