



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

Purpose Permit number:	CPS 6376/1
Permit Holder:	Water Corporation
Duration of Permit:	15 February 2015– 15 February 2017

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 fence line installation, research plots and soil remediation.
- 2. Land on which clearing is to be done**
Lot 4 on Diagram 79710 WOOTTATING, 6562
- 3. Area of Clearing**
The Permit Holder must not clear more than 0.074 hectares of native vegetation within the area hatched yellow on attached Plan 6376/1.
- 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.

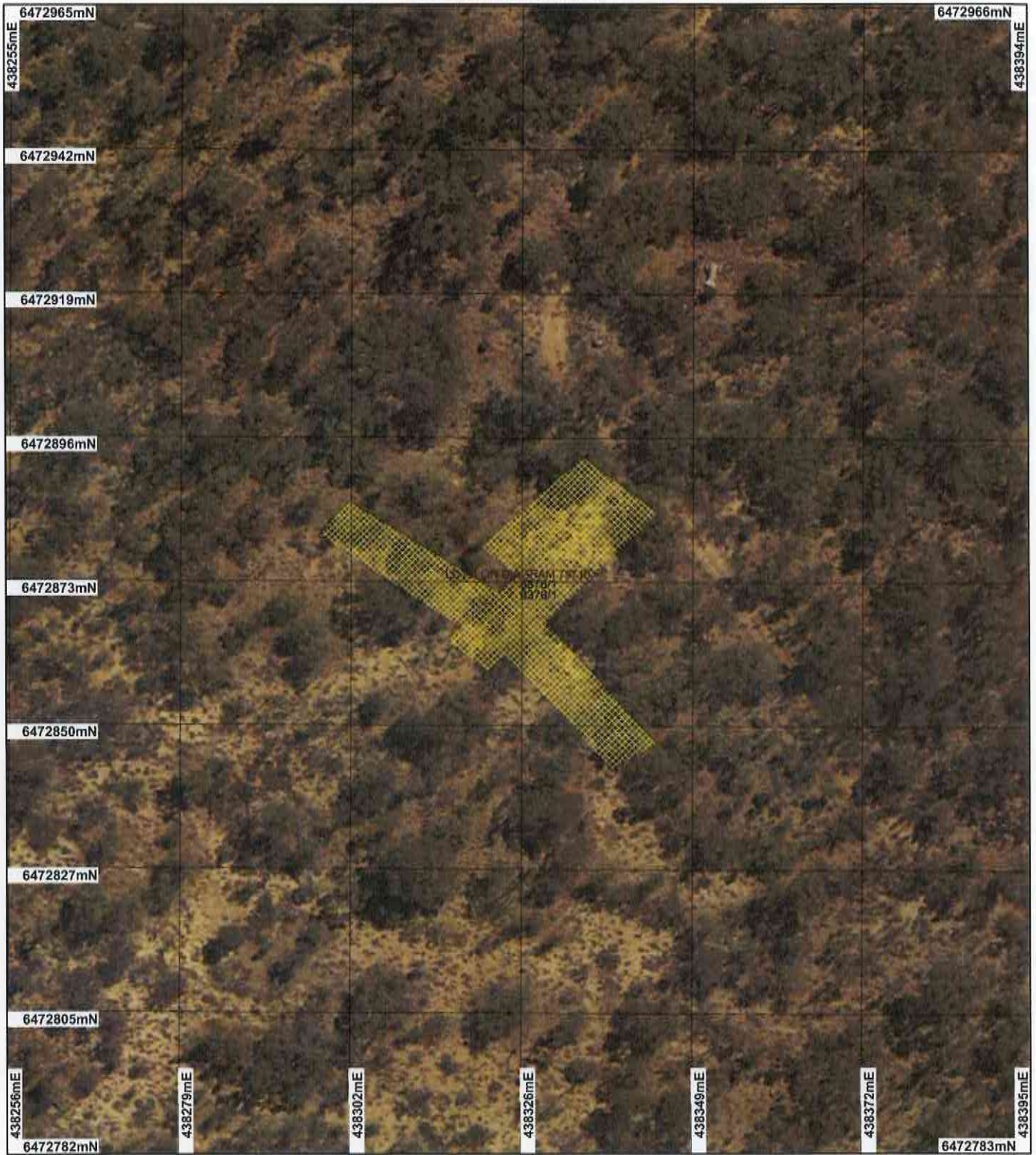
A handwritten signature in black ink, appearing to read "J. Clarkson", written over a horizontal line.

Jane Clarkson
A/SENIOR MANAGER
CLEARING REGULATION

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

15 January 2015

Plan 6376/1

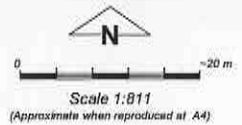


LEGEND

- Road Centrelines
- Cadastre for labelling**
- Freehold
- Crown Reserve
- State Forest / Timber Reserve
- Marine Park (cont)

- Crown Lease
- Lease / Reserve
- Lease on State Forest / Timber Reserve
- Public Roads
- Unallocated Crown Land
- Water

- Clearing Instruments**
- Areas Approved to Clear
- Perth Metropolitan Central
15cm Orthomosaic - Landgate
2011**



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

Date 15.1.15
 J Clarkson

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



Clearing Permit Decision Report

1. Application details

1.1. Permit application details

Permit application No.: 6376/1
Permit type: Purpose Permit

1.2. Proponent details

Proponent's name: Water Corporation

1.3. Property details

Property: LOT 4 ON DIAGRAM 79710 (House No. 4 GREAT SOUTHERN WOOTTATING 6562)
Local Government Area: Shire of Northam
Colloquial name:

1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
0.074		Mechanical Removal	Miscellaneous

1.5. Decision on application

Decision on Permit Application: Grant
Decision Date: 15 January 2015

2. Site Information

2.1. Existing environment and information

2.1.1. Description of the native vegetation under application

Vegetation Description	Vegetation Condition
The vegetation under application has been mapped as Beard Vegetation Association 3003: Medium forest; jarrah & marri on laterite with wandoo in valleys, sandy swamps with teatree and Banksia (Shepherd et al. 2001).	Good: Structure significantly altered by multiple disturbance; retains basic structure/ability to regenerate (Keighery 1994)

Mattiske Vegetation Complex: Y5: Mixture of open forest of Eucalyptus marginata subsp. thalassica-Corymbia calophylla and woodland of Eucalyptus wandoo on lateritic uplands in semiarid to perarid zones (Mattiske and Havel 1998).

3. Assessment of application against clearing principles

Comments

The application is for 0.074 hectares of native vegetation within Lot 4 on Diagram 79710, Woottating for the purpose of fence line and Phytophthora research plot installation. The applicant proposes to clear understorey vegetation by hand and will not clear any trees or large shrubs. Understorey species such as Dryandra spp., Hakea spp., Hibbertia spp. Lomandra spp., Micromyrtus spp., Mesomelaena spp. and Epacrid spp. are proposed to be cleared (Water Corporation 2014). The application area is in a good (Keighery 1994) condition.

Consideration has been given to impacts to biodiversity, significant fauna habitat, rare flora, threatened ecological communities, remnant vegetation values, wetlands, watercourses, land degradation, surface water quality, groundwater quality, and flooding. The assessment has found that the clearing under application is not likely to be at variance to any of the clearing principles.

Methodology

Reference:
- Keighery (1994)
- Water Corporation (2014)
GIS Datasets:
- Hydrology, linear
- IBRA Australia
- Parks and Wildlife Tenure
- Geomorphic Wetlands (Mgt Categories), Swan Coastal Plain

- Soils, statewide
- Pre-European Vegetation
- Heddl vegetation complexes
- SAC Biodatasets Accessed 9 December 2014

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

Comments

A letter providing authority for the Water Corporation to access Lot 4 has been received from the Department of Water (DoW 2014).

The area under application is within the Mundaring Weir Catchment Area which is subject to Country Areas Water Supply Act 1947 (CAWS Act) native vegetation clearing controls. The proposed clearing site is located in Zone A, a high salinity risk part of the catchment. In addition, compensation has been paid to the previous owner of Lot 4 to retain the vegetation. Therefore, a CAWS Act clearing Licence is also required.

A CAWS Act licence has been granted on 8 January 2015 with no conditions.

The applicant has advised that the proposed clearing is for a small scale field trial for a Phytophthora research project. The trial site will be bunded downslope to prevent excessive runoff of disturbed surface material. The applicant also proposes to remove all infected plants, fencing and watering systems at the end of the trial period (12 months). Revegetation with appropriate native species may also occur after the end of the project if required (Water Corporation 2014).

No submissions have been received.

Methodology

References

- Water Corporation (2014)
- DoW (2014)
- GIS Databases
- CAWSA Part IIA Clearing Controls Catchment

4. References

DEC (2007 -) NatureMap: Mapping Western Australia's Biodiversity. Department of Environment and Conservation. URL: <http://naturemap.dec.wa.gov.au/>. Accessed 9/12/2014

DoW (2014) Letter of authority to access Lot 4 on Diagram 79710 for Clearing application CPS 6376/1. Water Corporation. Department of Water (DER ref A845364)

Keighery, B.J. (1994) Bushland Plant Survey: A Guide to Plant Community Survey for the Community. Wildflower Society of WA (Inc). Nedlands, Western Australia.

Mattiske, E.M. and Havel, J.J. (1998) Vegetation Complexes of the South-west Forest Region of Western Australia. Maps and report prepared as part of the Regional Forest Agreement, Western Australia for the Department of Conservation and Land Management and Environment 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.

Water Corporation (2014) Clearing Applicant and supporting documentation CPS 6376/1 & Lot 4 on Diagram 79710, Woottating. (DER ref A836469).