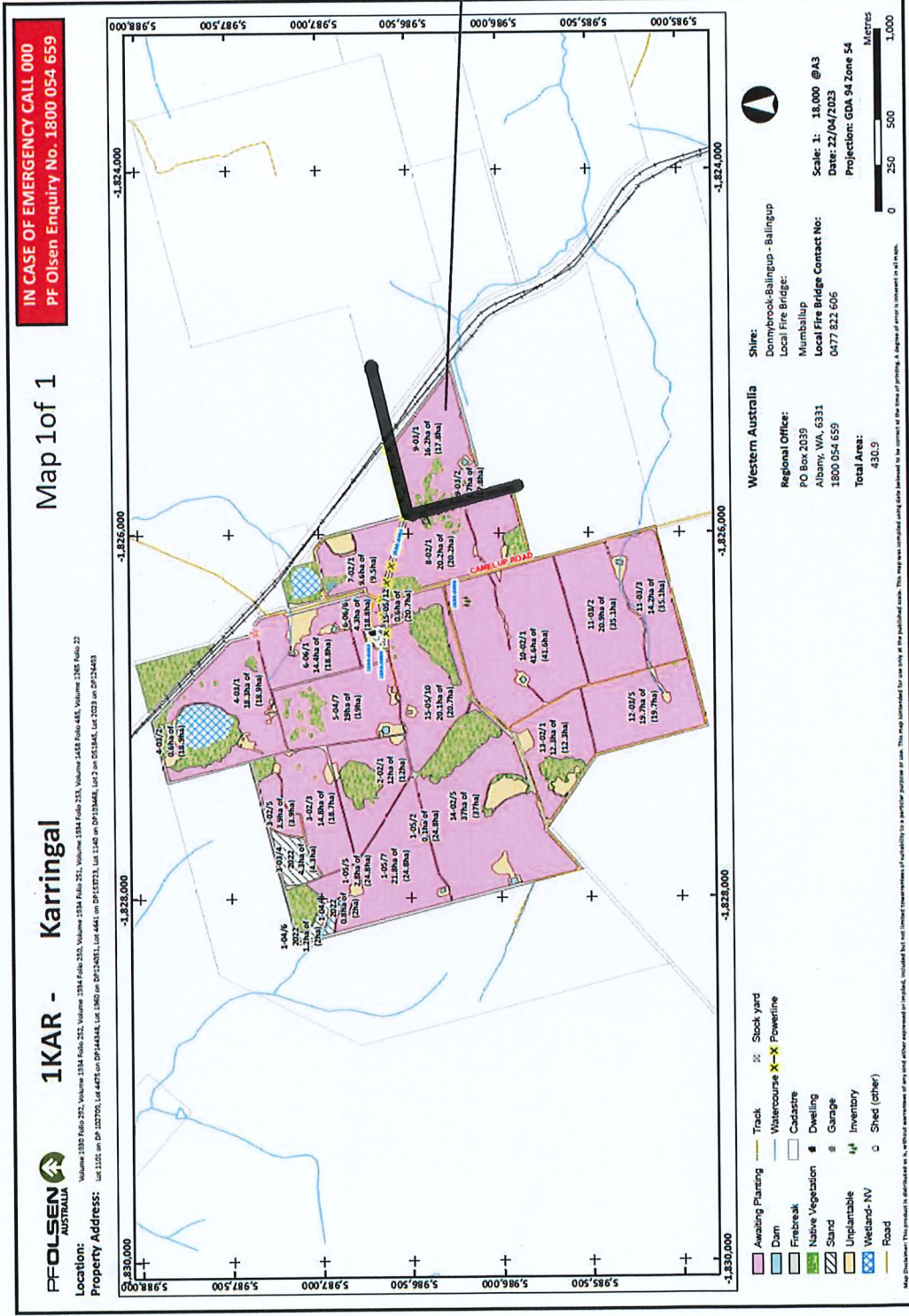


6. APPENDIX 1



Please note, we are only applying for this part of which sits in the Balingup Shire. The rest of the Property has approval in the Donnybrook Shire already approved.

Page 2 of 11

The Trust Company (Australia) as trustee for the Forestry Investment Trust

Karringal Plantation Management Plan

March 2023



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1. Introduction

Purpose

The purpose of the Property Management Plan (the Plan) is to describe the physical and cultural characteristics, and relevant legal constraints that relate to the properties. This Plan also provides information on the establishment and management of the plantations, demonstrating the principles of environmental care.

Through a better understanding of the site and its surrounds it is believed that management will be improved to provide better outcomes for:

- The owner
 - The environment
 - Stakeholders
 - Safety.
-

Scope

The Plan considers all aspects relating to the properties including any relevant impact from or to the surrounding region.

Mapping

A property map is attached to the Plan showing supporting information relevant to this management plan. Physical features including hazards should be identified on the map.

Using this plan

The Plan indicates our understanding of operations and activities at the time of producing the report. Changes may occur to meet variations in legislation, seasonal conditions, or improved practical outcomes. The property management plan supplemented by:

- Code of Practice for Timber Plantations in WA,
- policies and procedures,
- best practice guides, and
- prescriptions

to enable compliance and to strive for best practice.

It is important to note that when referencing the Plan for use in management activities that some detail, with regards to legislative or regulatory constraints, is expansive and will therefore need to be appended to other documents detailed above

Chronology

Operations are detailed in what is generally a chronological order from establishment through to tending.

2. Property Description

Ownership

The Trust Company 'Australia' as trustee for the Forestry Investment Trust
--

Property specific

The table below provides property specific information that can be referenced to property maps in Appendix A.

Property Name	Karringal
Appendix	A
Nearest junction	326.6ha
Lot and Plan	Lot 1101 on DP 102709, Lot 4475 on DP144348, Lot 1960 on DP124051, Lot 4641 on DP153723, Lot 1140 on DP103468, Lot 2 on D51845, Lot 2023 on DP126493
Title Area	429 Ha
Encumbrance	Nil
Compartment 1	24.8
Compartment 2	12.0
Compartment 3	18.7
Compartment 4	18.9
Compartment 5	19
Compartment 6	18.8
Compartment 7	9.5
Compartment 8	20.2
Compartment 9	17.8
Compartment 10	41.6
Compartment 11	35.1
Compartment 12	19.7
Compartment 13	12.3
Compartment 14	37
Total net plantable area (ha)	326.6 ha

Governance

State	Western Australia
Local Government Area	Donny Brook And Boyup Brook
Catchment Management Authority	Department of Water and Environmental Regulation
Fire Authority (Brigade)	Wilga

Legal	Zoning	General Agriculture
	Consents/ Planning Permits*	Development application requested

Plantation description	Year of Establishment	2023
	Species	<i>Pinus radiata</i>
	Planted Stocking (stems/ha)	1,100
	Row Spacing (m)	Some compartments 4 metres, others 2.5 metres

Geology and Soils	Geology	Flat to undulating
	Soil Type Description	Principal soil types are hard acidic and neutral yellow mottled soils
	Erodibility Hazard Class	Low

Water	Rainfall (mm/annum)	700 – 800 mm
	Pan Evaporation	1300 mm
	Catchment Name	Blackwood River
	Beneficial Uses	Not stated
	Catchment Standards	Not stated
	Regulatory Constraints	Country Water Supply Act 1947

Flora and Fauna	IBRA Region	Jarrah Forest on the undulating hills, flooded gum and ti-tree on flatter portions
	Broad Vegetation Type	Jarrah-Marri forests and agricultural farmland (broadacre and pastoral)
	Vegetation Community Type	Jarrah-Marri forests
	Rare and Threatened Species	<i>Calyptorhynchus banksii subsp.naso</i> (Forest Red-tailed Black Cockatoo)
	Declared Weeds	Cotton bush
	Pest Plants and Animals	None identified

Cultural Heritage	Local Indigenous Group	Southwest Aboriginal Land Council
	Traditional or Customary Use Rights	None identified in Aboriginal Heritage Inquiry System database
	Known Indigenous Sites and Values	None identified in Aboriginal Heritage Inquiry System database
	Known European Heritage Sites	None identified in Aboriginal Heritage Inquiry System database

Market

Target Product(s)	Pine sawlog, preservation timber and woodchips
Target Destination	Wespine, Dardenup, Bridgetown Timber Treaters
Distance to Port / Mill	70 km

Stakeholders

Neighbours	State forest, Lots 3798, 3718, 1
Adjacent land uses	Livestock grazing / natural forest

3. Establishment Plan

Mapping

Mapping will be completed prior to operational works commencing to provide guidance on location of:

- plantation compartments
- internal roading
- riparian features
- native vegetation
- water points
- assets (e.g., powerlines, houses, sheds)
- plantation buffers (refer below)
- hazards
- unplantable areas

Mapping will be updated to reflect any variances to planned establishment.

Buffer management

The table below provides plantation buffers that will be established relative to the feature.

Feature	Buffer (m)
Public roads	15
Property boundary	10
Compartment boundary	8
Native forest	4
Watercourse	6
Drainage line	2
Habitable dwellings	100
Unhabitable buildings	50
Powerlines	20

Native forest management

Native forest will be mapped and should be excluded from access to protect any existing values.

Roading infrastructure

Roading will utilise existing plantation infrastructure, firebreak requirements and future harvesting. Works will be limited, where possible, to minimise disturbance while enabling adequate grade and form for access by haulage vehicles.

Access to the relevant property is currently available from Camelup Road, which runs through the centre of this property. Haulage will utilise this route (as shown in Appendix 2) to transport the product to market. Access for heavy vehicles will be to the south along Walker Road and Wilga East Road to ensure adequate sight distance when accessing and egressing Donnybrook–Boyup Brook Road.

Firebreaks will be established in line with the Guidelines for Plantation Fire Protection [FESA, 2011] and the current Firebreak and Fuel Hazard Reduction Notice [Shire of Boyup Brook]. Constraints on firebreak widths are detailed in the Buffer Management section above.

Cultivation

Cultivation will be undertaken in such a manner as to provide sufficient friability and moisture retention. Spacing of cultivation will be most likely occur at approximately 4 metre widths to enable access during wetter conditions. On compartments where the previous rotation was in 5 metre rows, these will become 2.5 metre rows.

Planting mounds will be located over existing blue gum stump lines while enabling access for future operations.

Species determination

Pinus radiata (radiata pine).

Seedling husbandry

Seedling orders will be placed by November of the year preceding the planting year. Seed will be propagated and raised in an accredited nursery to ensure optimal survival.

Planting

Seedlings will be planted utilising a potti-putki to a prescribed depth and location within the centre of the mound.

Herbicide application

Herbicide application will be undertaken to limit weed competition. Herbicide application will be undertaken by a registered pesticide business utilising registered pesticide technicians. Application rates and methodology will comply with the registered label.

Insecticide application

Seedlings will only be treated with insecticide if damage from insects is observed.

Nutritional application

Seedlings be provided with a fertiliser mix, constituted mainly of Nitrogen and Phosphorous shortly after planting to encourage early root and leaf growth.

4. Tending Plan

Monitoring

Monitoring will be an ongoing activity to assess operational compliance and success. Assessments will be made to determine:

- safety compliance
 - stakeholder requirements
 - environmental impacts (e.g., native vegetation damage, erosion)
 - chemical efficacy and risks (e.g., off target drift)
 - weed control
 - nutrient deficiencies
 - insect attack
 - operational metrics
 - survival assessment.
-

Analysis

The following analysis may be necessary to determine the future needs of the plantation:

- nutrition requirements through foliar and soil sampling
 - inventory of growth
 - regional insect presence.
-

Nutrition Following analysis of soil and or foliage to determine nutrition requirements, a fertiliser regime will be implemented to ensure maximum health and productivity of the plantation.

Pest management Monitoring of the site, and adjacent areas through an industry cooperative, will determine the extent and type of intervention required to control adverse impacts of invertebrate and vertebrate attack.

Noxious weed management Noxious weeds will be identified through monitoring and in reference to the declarations within the Western Australian Organisms List, under the Biosecurity and Agricultural Management Act 2007.

Roading and infrastructure maintenance Roothing and other infrastructure will be inspected during the plantation’s life to determine adequacy and adverse impacts (e.g., erosion). Maintenance will be undertaken where required.

Firebreak maintenance Firebreaks will be maintained in line with development approval constraints and the relevant Firebreak and Fuel Reduction Notice published by the Shire of Boyup Brook.

5. Fire Management

Contact details Contact details will be provided and updated in a fire management plan to be provided to the shire on an annual basis.

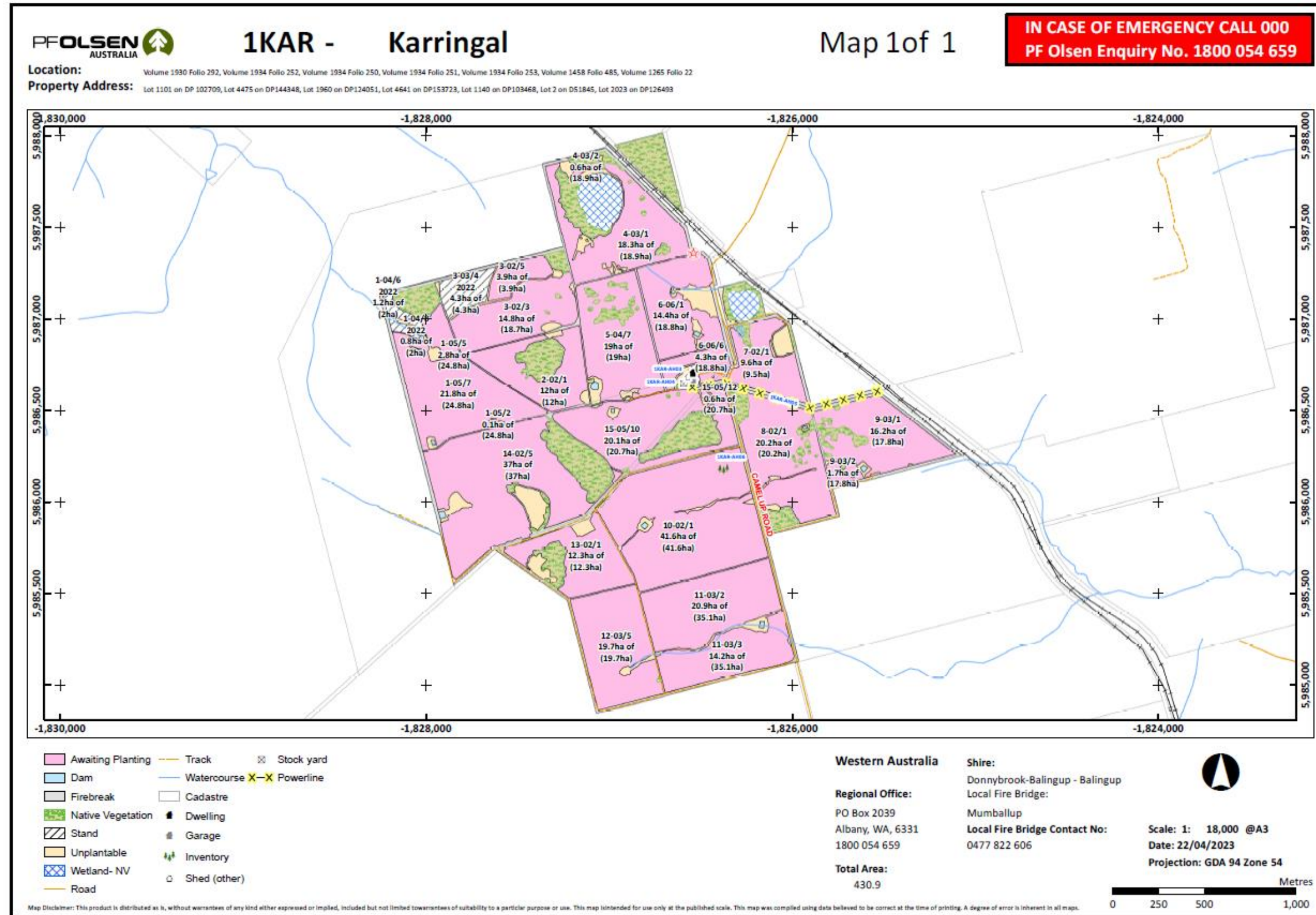
Neighbour details Contact details of neighbours and interested parties will be sourced where possible and maintained.

Brigade details Wilga

Map cylinder A map cylinder will be located at the main entrances to the property, detailing features identified in the mapping section of Section 3 – Establishment Plan.

Assets	<p>The following assets are available to the PF Olsen at any time:</p> <ul style="list-style-type: none">• One heavy duty 3,000L fire truck based in Collie• Two fast attack vehicles carrying fire fighter unit of approximately 400 litres carrying capacity, both based in Collie.• One heavy duty 3,000L fire truck based in Manjimup• One fast attack vehicle carrying fire fighter unit of approximately 400 litres carrying capacity, based in Manjimup <hr/>
Response	<p>At least one, but generally two, trained emergency response personnel available 24 hours, 7 days a week with a response time of 1 hour.</p> <hr/>
Future response	<p>PF Olsen will assess further capacity to reduce response times during the fire danger period.</p>

6. APPENDIX 1



7. Appendix 2

← from Donnybrook-Boyup Brook Rd, Mcalinden WA ...
to Wespine Industries, 241 Moore Rd, Dardanup W...

55 min (80.7 km)

via Donnybrook-Boyup Brook Rd and National Route 1
51 min without traffic

Donnybrook-Boyup Brook Rd
Mcalinden WA 6225

↑ Head north-west on Donnybrook-Boyup Brook Rd towards Camelup Rd

11.6 km

↑ Continue onto Preston Rd

700 m

↑ Continue onto Donnybrook-Boyup Brook Rd

35.2 km

↪ Turn right onto National Route 1

28.9 km

↻ At the roundabout, take the 2nd exit onto Bunbury Outer Ring Rd

1.9 km

↻ At the roundabout, take the 2nd exit and stay on Bunbury Outer Ring Rd

1.0 km

↪ Turn right onto Moore Rd

1.4 km

Wespine Industries

241 Moore Rd, Dardanup West WA 6236

