project GREEN

Tree Survey Report

16 May 2025 **S44656**

Prepared for:

Site Details:

Development site

Old Port Wakefield Road & Wells Road
Two Wells SA

Prepared by:

Project Green Pty Ltd

25-27 Ceafield Road
Para Hills West SA 5096

ABN: 78 088 402 706
ACN: 088 402 706

Tel: (08) 8283 1300
Fax: (08) 8258 1933

admin@projectgreen.net.au

Contents

1 INTRODUCTION

Project Green was engaged to undertake a tree survey for a site at the corner of Old Port Wakefield Road & Wells Road Two Wells. Project Green was requested to provides details of tree species, legislative status, tree condition, tree protection zones, and to provide advice on tree retention and removal. A total of **20 trees** on the site were assessed.

2 BACKGROUND INFORMATION

2.1 Legislation and Standards

Regard was given to the following legislation and standard for the purpose of conducting the assessment.

- Planning, Development and Infrastructure Act 2016.
- Planning, Development and Infrastructure (General) Regulations 2017.
- Planning and Design Code.
- Australian Standard 4970-2009 Protection of trees on development sites.
- *Native Vegetation Act 1991.*

2.2 Regulated and Significant Trees

Project Green was advised that the Significant And Regulated Tree Overlay of the Planning, Development and Infrastructure Act 2016 does not apply to this site.

2.3 Native Vegetation Act

Project Green was advised that the Native Vegetation Overlay applies to this site. Any remnant native vegetation on the subject land would be protected under the provisions of the *Native Vegetation Act 1991.* Native vegetation is defined as a plant or plants of a species indigenous to South Australia including a plant or plants growing in or under waters of the sea but does not include:

(a) a plant or part of a plant that is dead unless the plant, or part of the plant, is of a class declared by regulation to be included in this definition; or

(b) a plant intentionally sown or planted by a person unless the person was acting incompliance with a condition imposed by the Council under the Act or by the Native Vegetation Authority under the repealed Act, or with the order of a court under the Act or the repealed Act.

Certain exemptions are available under the *Native Vegetation Regulations 2017.* The Native Vegetation Council is responsible for providing advice and making decisions about the removal and re-establishment of native vegetation in line with the Act. The role of Accredited Consultants is to prepare Data Reports for applications to clear native vegetation. Any remnant native vegetation on the subject land could be protected under the provisions of the Native Vegetation Act 1991. An assessment by an NVC Accredited Consultant may need to be undertaken for any proposed clearance of locally indigenous trees.

3 METHOD

The following methods were used to assess the trees on site:

- Unique ID - Individual trees are given a unique Project Green identification number.
- GEO Location - The GPS location (longitude/latitude) of all trees was captured utilising a GPS corrected locational signal.
- Identification - trees were identified by genus and species
- Legislative Status – a trunk circumference measurement was taken at 1 metre above natural ground level. A tape measure was used to take measurements.
- Structural root zone (SPZ) – A measurement of the base of each tree was undertaken to calculate the SRZ of the tree.
- Tree protection zone (TPZ)– A measurement at 1.4m from natural ground level of each tree was undertaken to calculate the TPZ of the tree.
- Tree health – each tree was assessed for its biological attributes such as health and vigour with these being assessed and ranked in accordance with recognised industry standards.
- Tree Structure -each was assessed based on assessing live crown ratio and other crown physiology including limb attachment, taper, evidence of past limb failure, wound occlusion, evidence of any pest and or insect occurrence and general overall structure for the species being assessed.
- ULE – for each tree is derived by assessing all factors of the tree that affect life expectancy and each tree is given an expected life range.
- Retention value – retention value for each tree is using the IACA STARS rating system. The stem rates significance of a tree in the landscape and then determines retention value.
- Photo - photographic records were taken of each tree.

3.1 Limitations

- This report relates to the subject trees on the site only. Any other trees on or adjacent to the site were not included in the assessment.
- The trees were inspected visually from the ground only. No aerial, subsurface or invasive inspections were performed and no soil or plant samples were laboratory tested.
- Due to plant hybridisation some species can be difficult to accurately identify.
- Information contained in this report is based on observations taken on the day of inspection only. It is possible that changes in environmental conditions or subsequent information may affect these findings.
- This report has been prepared on behalf of and for the exclusive use of the Project Green client.

4 SITE DESCRIPTION

The site comprises a large property at the corner of Old Port Wakefield Road & Wells Road. The site is currently occupied by a range of buildings, metal sheds, car parking and open space **(Refer Figure 1).**

Figure 1: Aerial view showing subject site

5 MAPPING

Tree locations are shown on the aerial images below. The following Google Maps link is also provided.

https://www.google.com/maps/d/edit?mid=1Rx1nj68LQZ2lRCAE1nNglZz5jHBdGug&usp=sharing

Figure 2: Aerial view showing subject trees (Google Maps)

6 TREE DETAILS

A total of **20** trees were assessed. Details of each tree are provided in **Tables 1 and 2** below, and in the tree data sheets at the end of this report.

Table 1: Tree data

Tree #	Species	Circumf. @ 1m (m)	Stem average (m)	legal status	TPZ radius (m)	SRZ radius (m)
PGSA00014009	*Schinus areira (Peppercorn Tree) [e]*	7.04	3.52	Exempt	15.00	4.6
PGSA00014010	*Melaleuca viminalis (Weeping Bottlebrush)*	1.09	0.36	Exempt	2.56	1.9
PGSA00014011	*Melaleuca viminalis (Weeping Bottlebrush)*	0.44	0.22	Exempt	2.00	1.5
PGSA00014012	*Melaleuca viminalis (Weeping Bottlebrush)*	1.52	0.38	Exempt	2.99	2.0
PGSA00014013	*Melaleuca viminalis (Weeping Bottlebrush)*	0.96	0.48	Exempt	2.29	1.9
PGSA00014014	*Tamarix aphylla (Athel Pine)*	3.29	3.29	Exempt	12.12	3.4
PGSA00014015	*Acacia pycnantha (Golden Wattle)*	1.25	1.25	Exempt	4.08	2.4
PGSA00014016	*Eucalyptus platypus (Round-leaved Moort)*	1.17	1.17	Exempt	4.44	2.3
PGSA00014017	*Schinus areira (Peppercorn Tree) [e]*	0.93	0.93	Exempt	3.48	2.2
PGSA00014018	*Schinus areira (Peppercorn Tree) [e]*	1.95	0.65	Exempt	4.51	2.3
PGSA00014019	*Schinus areira (Peppercorn Tree) [e]*	1.95	0.65	Exempt	4.61	2.3
PGSA00014020	*Pinus halepensis (Aleppo Pine)*	4.02	2.01	Exempt	10.36	3.4
PGSA00014021	*Eucalyptus sp. (Gum Tree)*	0.78	0.78	Native Vegetation Act	3.00	2.0
PGSA00014022	*Eucalyptus platypus (Round-leaved Moort)*	1.37	0.69	Exempt	3.74	2.6
PGSA00014023	*Eucalyptus sargentii (Salt River Gum)*	0.97	0.49	Exempt	2.70	1.8
PGSA00014024	*Eucalyptus cladocalyx (Sugar Gum)*	1.16	1.16	Exempt	4.20	2.3
PGSA00014025	*Eucalyptus sp. (Gum Tree)*	0.53	0.18	Native Vegetation Act	2.00	1.5
PGSA00014026	*Eucalyptus sp. (Gum Tree)*	0.97	0.49	Native Vegetation Act	2.46	2.0
PGSA00014027	*Eucalyptus spathulata (Swamp Mallet)*	1.99	1.00	Exempt	5.64	2.6
PGSA00014028	*Eucalyptus spathulata (Swamp Mallet)*	4.10	2.05	Exempt	10.15	3.2

Table 2: Tree details

Tree #	Species	Health	Structure	ULE (years)	Retention value	Comments
PGSA00014009	*Schinus areira (Peppercorn Tree) [e]*	Good	Fair	15 - 40 Years	Priority for Retention (High)	Hollows in the base that appear to ascend into the upper trunk. High habitat value and retention value.
PGSA00014010	*Melaleuca viminalis (Weeping Bottlebrush)*	Good	Fair	15 - 40 Years	Priority for Retention (High)	
PGSA00014011	*Melaleuca viminalis (Weeping Bottlebrush)*	Good	Good	15 - 40 Years	Priority for Retention (High)	
PGSA00014012	*Melaleuca viminalis (Weeping Bottlebrush)*	Good	Good	15 - 40 Years	Priority for Retention (High)	
PGSA00014013	*Melaleuca viminalis (Weeping Bottlebrush)*	Good	Good	15 - 40 Years	Priority for Retention (High)	
PGSA00014014	*Tamarix aphylla (Athel Pine)*	Good	Fair	15 - 40 Years	Consider for Removal (Low)	Historically lopped tree. Crown made up of epicormic growth. Declared weed species.
PGSA00014015	*Acacia pycnantha (Golden Wattle)*	Fair	Fair	<1 - 15 Years	Consider for Removal (Low)	Historic failures on W side. Borers and decay.
PGSA00014016	*Eucalyptus platypus (Round-leaved Moort)*	Good	Fair	15 - 40 Years	Consider for Retention (Medium)	Kino sighted on trunk. Trunk lean to NE with self-correction. Historic failure in upper crown with stub remaining.
PGSA00014017	*Schinus areira (Peppercorn Tree) [e]*	Good	Good	15 - 40 Years	Consider for Retention (Medium)	
PGSA00014018	*Schinus areira (Peppercorn Tree) [e]*	Good	Fair	15 - 40 Years	Consider for Removal (Low)	
PGSA00014019	*Schinus areira (Peppercorn Tree) [e]*	Good	Fair	15 - 40 Years	Consider for Removal (Low)	
PGSA00014020	*Pinus halepensis (Aleppo Pine)*	Good	Good	15 - 40 Years	Consider for Retention (Medium)	
PGSA00014021	*Eucalyptus sp. (Gum Tree)*	Good	Fair	15 - 40 Years	Consider for Retention (Medium)	Unknown species may be native vegetation.
PGSA00014022	*Eucalyptus platypus (Round-leaved Moort)*	Good	Fair	15 - 40 Years	Consider for Retention (Medium)	Kino
PGSA00014023	*Eucalyptus sargentii (Salt River Gum)*	Good	Fair	15 - 40 Years	Consider for Retention (Medium)	
PGSA00014024	*Eucalyptus cladocalyx (Sugar Gum)*	Good	Good	15 - 40 Years	Priority for Retention (High)	Tree has a Bias to the N and does self correct.

PGSA00014025	*Eucalyptus sp. (Gum Tree)*	Good	Fair	15 - 40 Years	Consider for Retention (Medium)	Unknown species maybe native vegetation.
PGSA00014026	*Eucalyptus sp. (Gum Tree)*	Good	Fair	15 - 40 Years	Consider for Retention (Medium)	Unknown species maybe native vegetation.
PGSA00014027	*Eucalyptus spathulata (Swamp Mallet)*	Good	Good	15 - 40 Years	Priority for Retention (High)	
PGSA00014028	*Eucalyptus spathulata (Swamp Mallet)*	Fair	Good	15 - 40 Years	Priority for Retention (High)	Kino throughout the trunk. Hollow development on N side with decay.

7 DISCUSSION

7.1 Tree species

The trees comprise a mix of hardy native and exotic species commonly planted in SA rural townships. No trees are of a locally indigenous species. A breakdown of tree health is as follows;

- Eucalyptus spp.-9
- Bottlebrush-4
- Peppercorn-4
- Other-4

7.2 Legal status

Legal status of the trees is as follows.

- Exempt-17
- Native vegetation-3

Three unidentified Eucalypts may qualify a native vegetation under the Act (if a locally indigenous species).

7.3 Tree health

The trees are hardy species well adapted to local conditions are most are in good health. A breakdown of tree health is as follows;

- Good -18
- Fair- 2
- Poor -0

7.4 Tree structure

The majority of trees on site have fair general structure. A breakdown of tree structure is as follows

- Good -8
- Fair- 12

- Poor -0

7.5 Useful Life Expectancy

Most trees have a medium life expectancy. ULE is as follows.

- Short (1-15years) -1
- Medium (15-40 years)-19
- Long (40+) -0

7.6 Tree retention and removal

Eight trees were rated as Priority for Retention (High) - Such trees are considered important for retention and should be retained and protected. Design modification or re-location of buildings should be considered to accommodate the setbacks as prescribed by the Australian Standard AS 4970 Protection of trees on development sites.

Eight trees were rated as Consider for Retention (Medium) - Such trees may be retained and protected. These are considered less critical; however, their retention should remain priority with removal considered only if adversely affecting the proposed building/works and all other alternatives

Four trees were rated as Consider for Removal (Low) - These trees are not considered important for retention, nor require special works or design modification to be implemented for their retention.

No trees were rated as Priority for Removal - These trees are considered hazardous, or in irreversible decline, or weeds and should be removed irrespective of development.

8 TREE PROTECTION ZONES

All parts of a tree, including its root system, trunk and crown, may be damaged by development and construction activities if tree protection measures are not implemented. Damage to any one part of the tree may affect its functioning as a whole. Under AS4970-2009 the Tree Protection Zone (TPZ) is the principal means of protecting trees on development sites. The TPZ is a combination of the root area and crown area requiring protection. It is an area isolated from construction disturbance so that the tree remains viable. The radius of a tree's TPZ is calculated by multiplying its DBH (Diameter at Breast Height) by 12. The TPZ is to be observed in a symmetrical manner with the tree being in a central position. The TPZ of trees with more than one trunk is calculated using the multi-stem formula in AS4970.A Tree Protection Zone is not a 'sterile zone' or an 'exclusion zone' for all activities and development, but instead defines the area around the tree in which tree-sensitive design and construction techniques must be employed, in order to maintain the health, longevity and structure of the tree.

The TPZ also incorporates the Structural Root Zone (SRZ) which comprises the area around the base of a tree required for the tree's stability and viability. The woody root growth and soil cohesion in this area are necessary to hold the tree upright. The SRZ is nominally circular with the trunk at its centre and is expressed by its radius in metres. An indicative SRZ radius can be determined from the trunk diameter measured immediately above the root buttress using the formula provided in AS4970-2009.

Root investigation may provide more information on the extent of these roots. The SRZ for trees with trunk diameters less than 0.15 m will be 1.5 m. The SRZ is effectively an 'exclusion zone' for all activities and development, as it defines the area around the tree in which major structural (anchorage) roots are likely to occur. **Table 1** above illustrates the TPZ and SRZ for each tree.

AS4970-2009 allows for a level of encroachment into the TPZ. Encroachments can be by earthworks, paving and trenching for services, as well as building works.

- Development encroachment less than 10% of the TPZ area and not within the SRZ, is considered to be a 'minor encroachment' which is likely to be acceptable.
- Development encroachment greater than 10% of TPZ area or within the SRZ, is considered to be a 'major encroachment'. With a major encroachment the project arborist must show that the tree will remain viable. This includes consideration of a number of factors outlined in section 3.3.4 of AS 4970-2009 *Protection of trees on development sites.* This includes the tree species and tolerance to root disturbance, the presence of existing or past structures or obstacles affecting root growth, and the use of 'tree sensitive' construction methods such as permeable paving and pier and beam footings.

9 GLOSSARY

Crown Density	The estimated % of density of foliage present in the crown compared to that idealised for the genus and species when in good condition of normal vigour and expressed as a %, considering vigour, predation, environmental condition, epicormic shoots and dormancy (Draper & Richards, 2009).
Crown Lifting	The removal or reduction of lower branches.
Crown Thinning	The selective removal of branches that does not alter the overall size of the tree.
Health	Includes the tree's vigour exhibited by density of crown, leaf colour and the effectiveness of wound occlusion etc.
ISA	International Society of Arboriculture (USA)
Live Crown Ratio (LCR)	The proportion of live crown relative to tree height used to assist in the assessment of potentially hazardous trees.
Maintenance Pruning	The removal of any dead, dying or diseased material.
Major Encroachment	Where the total encroachment for development activities is greater than 10% of the TPZ or within the SRZ; as per AS4970-2009 Protection of trees on development sites.
Minor Encroachment	Where the total encroachment for development activities is less than 10% of the TPZ and outside of the SRZ; as per AS4970-2009 Protection of trees on development sites.
Project Arborist	The suitably qualified person responsible for carrying out the tree assessment, report preparation, consultation with designers, specifying tree protection measures, monitoring and certification.
Reaction Wood	Also termed Response Growth and comprised of either Tension or Compression Wood, it occurs as a result of gravity or injury.
Reduction Pruning	The removal of the ends of branches to lower internal lateral branches or stems in order to reduce the height and/or spread of the tree.
Size	Tree height and crown spread measured in metres.

Species profile	Attributes and characteristics of the species which includes size, longevity, structural integrity, shedding behaviour etc.
Structural Root Zone (SRZ)	The SRZ is an area required for tree stability. Any encroachment is considered to be 'major encroachment' and should only occur in consultation with a Project Arborist.
Structure	An assessment of tree stability as per species, environment, identifiable defects and remedial options.
Taper	In roots and branches; the decrease in diameter along a given length, usually reducing gradually in the distal direction (away from the point of attachment).
Tree Protection Zone (TPZ)	The TPZ is a combination of the root area and crown area requiring protection to ensure the tree remains viable. Potential encroachment is to be assessed by the Project Arborist.
Tree Risk Rating (TRR)	Expressed as being either *low*, *moderate* or *high*, any rating above *low* requires a remedial action to be undertaken.
Useful Life Expectancy (ULE)	This rating gives an estimate of the expected useful life span of the tree and takes into account age, life span of the species, local environmental conditions, location, and any suitable remedial options for identified issues.
Vigour	The capacity for an organism to respond to adverse conditions such as pests, disease or climatic challenges. Stored energy that can be depleted overtime with age and/or the experience of the subject.
Visual Tree Assessment	A visual inspection of a tree from the ground undertaken by a trained arborist competent in determining tree type, structural integrity, health, growing environment and environmental benefits or impacts the tree may present. The assessment is used to determine suitable methods for managing the tree and the impact it may have on its immediate surrounds. The inspection is limited to those attributes observed on the day of inspection. No other investigative techniques are used unless stated otherwise.

10 BIBLIOGRAPHY

Draper, D.B & Richards P.A (2009) Dictionary for Managing Trees in Urban Environments, CSIRO Australia.

Matheney, N.P: & Clark, J.R (1994) Evaluation of Hazard Trees in Urban Areas. ISA Publications.

Matheney, N. P. & Clark, J.R. (1998). Trees and Development: A Technical Guide to Tree Preservation during Land Development. ISA Publications.

Nicolle D. (2006). Taller Eucalypts for Planting in Australia: Their Selection, Cultivation and Management.

Shigo, A.L. (1999) A New Tree Biology (9th edition) Sherwin Dodge Printers, Littleton, New Hampshire.

APPENDIX – TREE DATA SHEETS

Tree | Botanical Name: Schinus areira (Peppercorn Tree) [e]

ID: PGSA00014009 | Tue, 13 May 2025

EDEN4

Tree Overview

Base

Hollow

Tree Information

Tree Health	Good	
Tree Height	11 - 15 Metres	
Useful Life Expectancy	15 - 40 Years	
Tree Structure	Fair	
Crown Diam N/S - E/W	12	14
Age Class	Mature	

Retainability

Priority for Retention (High)

Expected Life Expectancy: 2. Medium 15-40 years

Significance: 1. High Significance in Landscape

Location Data

Date	Tue, 13 May 2025
Latitude	-34.59346415283213
Longitude	138.5133801769749
ID Number	PGSA00014009
Inspected By	Andrew Cowley

Tree Assessment

Diameter At Base (DAB)	2.21
Diameter At 1.4M (DBH)	1.87
Average Stem Circ. At 1M	3.52
Legislative Status	Exempt
Structural Root Zone [m]	4.62
Tree Protection Zone [m]	15.00

Site Specific Notes

Tree Specific Notes

Hollows In The Base That Appear To Ascend Into The Upper Trunk. High Habitat Value And Retention Value.

Tree | Botanical Name: Melaleuca viminalis (Weeping Bottlebrush)

ID: PGSA00014010 | Wed, 14 May 2025

EDEN4

Tree Information

Tree Health	Good	
Tree Height	0 - 5 Metres	
Useful Life Expectancy	15 - 40 Years	
Tree Structure	Fair	
Crown Diam N/S - E/W	5	4
Age Class	Mature	

Retainability

Priority for Retention (High)

Expected Life Expectancy: 2. Medium 15-40 years

Significance: 1. High Significance in Landscape

Location Data

Date	Wed, 14 May 2025
Latitude	-34.59351548875847
Longitude	138.51363667306214
ID Number	PGSA00014010
Inspected By	Andrew Cowley

Tree Assessment

Diameter At Base (DAB)	0.27
Diameter At 1.4M (DBH)	0.21
Average Stem Circ. At 1M	0.36
Legislative Status	Exempt
Structural Root Zone [m]	1.91
Tree Protection Zone [m]	2.56

Site Specific Notes

Tree Specific Notes

Tree | Botanical Name: Melaleuca viminalis (Weeping Bottlebrush)

ID: PGSA00014011 | Wed, 14 May 2025

EDEN4

Tree Overview

Base

Base

Tree Information

Tree Health	Good	
Tree Height	0 - 5 Metres	
Useful Life Expectancy	15 - 40 Years	
Tree Structure	Good	
Crown Diam N/S - E/W	5	3
Age Class	Semi-Mature	

Retainability

Priority for Retention (High)

Expected Life Expectancy: 2. Medium 15-40 years

Significance: 1. High Significance in Landscape

Location Data

Date	Wed, 14 May 2025
Latitude	-34.59352597673952
Longitude	138.51365913656264
ID Number	PGSA00014011
Inspected By	Andrew Cowley

Tree Assessment

Diameter At Base (DAB)	0.13
Diameter At 1.4M (DBH)	0.09
Average Stem Circ. At 1M	0.22
Legislative Status	Exempt
Structural Root Zone [m]	1.50
Tree Protection Zone [m]	2.00

Site Specific Notes

Tree Specific Notes

Tree | Botanical Name: Melaleuca viminalis (Weeping Bottlebrush)

ID: PGSA00014012 | Wed, 14 May 2025

EDEN4

Tree Overview

Base

Base

Tree Information

Tree Health	Good	
Tree Height	0 - 5 Metres	
Useful Life Expectancy	15 - 40 Years	
Tree Structure	Good	
Crown Diam N/S - E/W	3	4
Age Class	Mature	

Retainability

Priority for Retention (High)

Expected Life Expectancy: 2. Medium 15-40 years

Significance: 1. High Significance in Landscape

Location Data

Date	Wed, 14 May 2025
Latitude	-34.59353922471369
Longitude	138.51368260589152
ID Number	PGSA00014012
Inspected By	Andrew Cowley

Tree Assessment

Diameter At Base (DAB)	0.31
Diameter At 1.4M (DBH)	0.25
Average Stem Circ. At 1M	0.38
Legislative Status	Exempt
Structural Root Zone [m]	2.02
Tree Protection Zone [m]	2.99

Site Specific Notes

Tree Specific Notes

Tree | Botanical Name: Melaleuca viminalis (Weeping Bottlebrush)

ID: PGSA00014013 | Wed, 14 May 2025

EDEN4

Tree Overview

Base

Base

Tree Information

Tree Health	Good	
Tree Height	0 - 5 Metres	
Useful Life Expectancy	15 - 40 Years	
Tree Structure	Good	
Crown Diam N/S - E/W	5	3
Age Class	Mature	

Retainability

Priority for Retention (High)

Expected Life Expectancy: 2. Medium 15-40 years

Significance: 1. High Significance in Landscape

Location Data

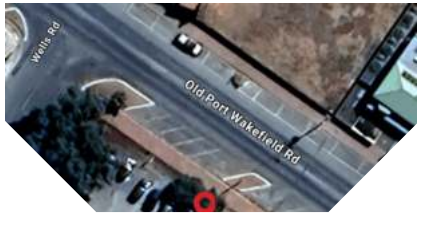
Date	Wed, 14 May 2025
Latitude	-34.5935544046815
Longitude	138.51371026411212
ID Number	PGSA00014013
Inspected By	Andrew Cowley

Tree Assessment

Diameter At Base (DAB)	0.27
Diameter At 1.4M (DBH)	0.19
Average Stem Circ. At 1M	0.48
Legislative Status	Exempt
Structural Root Zone [m]	1.91
Tree Protection Zone [m]	2.29

Site Specific Notes

Tree Specific Notes



Tree | Botanical Name: Tamarix aphylla (Athel Pine)

ID: PGSA00014014 | Wed, 14 May 2025

EDEN4

Tree Overview

Base

Tree Defect

Tree Information

Tree Health	Good	
Tree Height	11 - 15 Metres	
Useful Life Expectancy	15 - 40 Years	
Tree Structure	Fair	
Crown Diam N/S - E/W	8	8
Age Class	Mature	

Retainability

Consider for Removal (Low)

Expected Life Expectancy: 2. Medium 15-40 years

Significance: 3. Low Environmental Pest / Noxious Weed Species

Location Data

Date	Wed, 14 May 2025
Latitude	-34.593715368317945
Longitude	138.5131764636916
ID Number	PGSA00014014
Inspected By	Andrew Cowley

Tree Assessment

Diameter At Base (DAB)	1.10
Diameter At 1.4M (DBH)	1.01
Average Stem Circ. At 1M	3.29
Legislative Status	Exempt
Structural Root Zone [m]	3.44
Tree Protection Zone [m]	12.12

Site Specific Notes

Tree Specific Notes

Historically Lopped Tree. Crown Made Up Of Epicormic Growth.

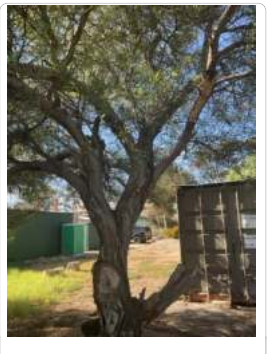
Tree | Botanical Name: Acacia pycnantha (Golden Wattle)

ID: PGSA00014015 | Wed, 14 May 2025

EDEN4

Tree Overview

Base



Base

Tree Information

Tree Health	Fair	
Tree Height	6 - 10 Metres	
Useful Life Expectancy	<1 - 15 Years	
Tree Structure	Fair	
Crown Diam N/S - E/W	7	6
Age Class	Mature	

Retainability

Consider for Removal (Low)

Expected Life Expectancy: 3. Short <1-15 years

Significance: 1. High Significance in Landscape

Location Data

Date	Wed, 14 May 2025
Latitude	-34.59383018376214
Longitude	138.51312751337707
ID Number	PGSA00014015
Inspected By	Andrew Cowley

Tree Assessment

Diameter At Base (DAB)	0.45
Diameter At 1.4M (DBH)	0.34
Average Stem Circ. At 1M	1.25
Legislative Status	Exempt
Structural Root Zone [m]	2.37
Tree Protection Zone [m]	4.08

Site Specific Notes

Tree Specific Notes

Historic Failures On W Side. Borers And Decay.

Tree | Botanical Name: Eucalyptus platypus (Round-leaved Moort)

ID: PGSA00014016 | Wed, 14 May 2025

EDEN4

Tree Overview

Base

Tree Defect

Tree Information

Tree Health	Good	
Tree Height	6 - 10 Metres	
Useful Life Expectancy	15 - 40 Years	
Tree Structure	Fair	
Crown Diam N/S - E/W	7	8
Age Class	Mature	

Retainability

Consider for Retention (Medium)

Expected Life Expectancy: 2. Medium 15-40 years

Significance: 2. Medium Significance in Landscape

Location Data

Date	Wed, 14 May 2025
Latitude	-34.59394108926997
Longitude	138.51349528266118
ID Number	PGSA00014016
Inspected By	Andrew Cowley

Tree Assessment

Diameter At Base (DAB)	0.44
Diameter At 1.4M (DBH)	0.37
Average Stem Circ. At 1M	1.17
Legislative Status	Exempt
Structural Root Zone [m]	2.34
Tree Protection Zone [m]	4.44

Site Specific Notes

Tree Specific Notes

Kino Sighted On Trunk. Trunk Lean To Ne With Self Correction. Historic Failure In Upper Crown With Stub Remaining.

Tree | Botanical Name: Schinus areira (Peppercorn Tree) [e]

ID: PGSA00014017 | Wed, 14 May 2025

EDEN4

Tree Overview

Base

Base

Tree Information

Tree Health	Good	
Tree Height	6 - 10 Metres	
Useful Life Expectancy	15 - 40 Years	
Tree Structure	Good	
Crown Diam N/S - E/W	6	5
Age Class	Mature	

Retainability

Consider for Retention (Medium)

Expected Life Expectancy: 2. Medium 15-40 years

Significance: 3. Low Significance in Landscape

Location Data

Date	Wed, 14 May 2025
Latitude	-34.59404715648701
Longitude	138.51340492585052
ID Number	PGSA00014017
Inspected By	Andrew Cowley

Tree Assessment

Diameter At Base (DAB)	0.38
Diameter At 1.4M (DBH)	0.29
Average Stem Circ. At 1M	0.93
Legislative Status	Exempt
Structural Root Zone [m]	2.20
Tree Protection Zone [m]	3.48

Site Specific Notes

Tree Specific Notes

Tree | Botanical Name: Schinus areira (Peppercorn Tree) [e]

ID: PGSA00014018 | Wed, 14 May 2025

EDEN4

Tree Overview

Base

Base

Tree Information

Tree Health	Good	
Tree Height	6 - 10 Metres	
Useful Life Expectancy	15 - 40 Years	
Tree Structure	Fair	
Crown Diam N/S - E/W	8	7
Age Class	Mature	

Retainability

Consider for Removal (Low)

Expected Life Expectancy: 2. Medium 15-40 years

Significance: 3. Low Environmental Pest / Noxious Weed Species

Location Data

Date	Wed, 14 May 2025
Latitude	-34.59401376075227
Longitude	138.5133472144996
ID Number	PGSA00014018
Inspected By	Andrew Cowley

Tree Assessment

Diameter At Base (DAB)	0.44
Diameter At 1.4M (DBH)	0.38
Average Stem Circ. At 1M	0.65
Legislative Status	Exempt
Structural Root Zone [m]	2.35
Tree Protection Zone [m]	4.51

Site Specific Notes

Tree Specific Notes

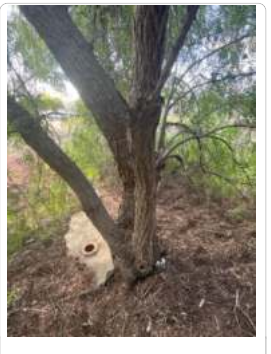
Tree | Botanical Name: Schinus areira (Peppercorn Tree) [e]

ID: PGSA00014019 | Wed, 14 May 2025

EDEN4

Tree Overview

Base



Base

Tree Information

Tree Health	Good	
Tree Height	6 - 10 Metres	
Useful Life Expectancy	15 - 40 Years	
Tree Structure	Fair	
Crown Diam N/S - E/W	8	7
Age Class	Mature	

Retainability

Consider for Removal (Low)

Expected Life Expectancy: 2. Medium 15-40 years

Significance: 3. Low Environmental Pest / Noxious Weed Species

Location Data

Date	Wed, 14 May 2025
Latitude	-34.59402673265082
Longitude	138.51339687922348
ID Number	PGSA00014019
Inspected By	Andrew Cowley

Tree Assessment

Diameter At Base (DAB)	0.44
Diameter At 1.4M (DBH)	0.38
Average Stem Circ. At 1M	0.65
Legislative Status	Exempt
Structural Root Zone [m]	2.34
Tree Protection Zone [m]	4.61

Site Specific Notes

Tree Specific Notes

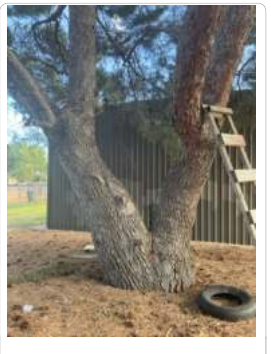
Tree | Botanical Name: Pinus halepensis (Aleppo Pine)

ID: PGSA00014020 | Wed, 14 May 2025

EDEN4

Tree Overview

Base



Base

Tree Information

Tree Health	Good	
Tree Height	11 - 15 Metres	
Useful Life Expectancy	15 - 40 Years	
Tree Structure	Good	
Crown Diam N/S - E/W	12	10
Age Class	Mature	

Retainability

Consider for Retention (Medium)

Expected Life Expectancy: 2. Medium 15-40 years

Significance: 2. Medium Significance in Landscape

Location Data

Date	Wed, 14 May 2025
Latitude	-34.59405172281628
Longitude	138.51321246086673
ID Number	PGSA00014020
Inspected By	Andrew Cowley

Tree Assessment

Diameter At Base (DAB)	1.10
Diameter At 1.4M (DBH)	0.86
Average Stem Circ. At 1M	2.01
Legislative Status	Exempt
Structural Root Zone [m]	3.44
Tree Protection Zone [m]	10.36

Site Specific Notes

Tree Specific Notes

Tree | Botanical Name: Eucalyptus sp. (Gum Tree)

ID: PGSA00014021 | Wed, 14 May 2025

EDEN4

Base

Base

Tree Information

Tree Health	Good	
Tree Height	11 - 15 Metres	
Useful Life Expectancy	15 - 40 Years	
Tree Structure	Fair	
Crown Diam N/S - E/W	6	5
Age Class	Mature	

Retainability

Consider for Retention (Medium)

Expected Life Expectancy: 2. Medium 15-40 years

Significance: 2. Medium Significance in Landscape

Location Data

Date	Wed, 14 May 2025
Latitude	-34.5940953533427
Longitude	138.51341781914192
ID Number	PGSA00014021
Inspected By	Andrew Cowley

Tree Assessment

Diameter At Base (DAB)	0.29
Diameter At 1.4M (DBH)	0.25
Average Stem Circ. At 1M	0.78
Legislative Status	Native Vegetation Act
Structural Root Zone [m]	1.97
Tree Protection Zone [m]	3.00

Site Specific Notes

Tree Specific Notes

Unknown Species May Be Native Vegetation.

Tree | Botanical Name: Eucalyptus platypus (Round-leaved Moort)

ID: PGSA00014022 | Wed, 14 May 2025

EDEN4

Tree Overview

Base

Tree Defect

Tree Information

Tree Health	Good	
Tree Height	6 - 10 Metres	
Useful Life Expectancy	15 - 40 Years	
Tree Structure	Fair	
Crown Diam N/S - E/W	7	8
Age Class	Mature	

Retainability

Consider for Retention (Medium)

Expected Life Expectancy: 2. Medium 15-40 years

Significance: 2. Medium Significance in Landscape

Location Data

Date	Wed, 14 May 2025
Latitude	-34.59409645733306
Longitude	138.51338429152923
ID Number	PGSA00014022
Inspected By	Andrew Cowley

Tree Assessment

Diameter At Base (DAB)	0.54
Diameter At 1.4M (DBH)	0.31
Average Stem Circ. At 1M	0.69
Legislative Status	Exempt
Structural Root Zone [m]	2.55
Tree Protection Zone [m]	3.74

Site Specific Notes

Tree Specific Notes

Kino

Tree | Botanical Name: Eucalyptus sargentii (Salt River Gum)

ID: PGSA00014023 | Wed, 14 May 2025

EDEN4

Tree Overview

Base

Tree Defect

Tree Information

Tree Health	Good	
Tree Height	0 - 5 Metres	
Useful Life Expectancy	15 - 40 Years	
Tree Structure	Fair	
Crown Diam N/S - E/W	10	4
Age Class	Mature	

Retainability

Consider for Retention (Medium)

Expected Life Expectancy: 2. Medium 15-40 years

Significance: 2. Medium Significance in Landscape

Location Data

Date	Wed, 14 May 2025
Latitude	-34.594118491747466
Longitude	138.5133772752157
ID Number	PGSA00014023
Inspected By	Andrew Cowley

Tree Assessment

Diameter At Base (DAB)	0.25
Diameter At 1.4M (DBH)	0.22
Average Stem Circ. At 1M	0.49
Legislative Status	Exempt
Structural Root Zone [m]	1.85
Tree Protection Zone [m]	2.70

Site Specific Notes

Tree Specific Notes

Tree | Botanical Name: Eucalyptus cladocalyx (Sugar Gum)

ID: PGSA00014024 | Wed, 14 May 2025

EDEN4

Tree Overview

Base

Base

Tree Information

Tree Health	Good	
Tree Height	11 - 15 Metres	
Useful Life Expectancy	15 - 40 Years	
Tree Structure	Good	
Crown Diam N/S - E/W	6	6
Age Class	Mature	

Retainability

Priority for Retention (High)

Expected Life Expectancy: 2. Medium 15-40 years

Significance: 1. High Significance in Landscape

Location Data

Date	Wed, 14 May 2025
Latitude	-34.59413091163472
Longitude	138.51339806233557
ID Number	PGSA00014024
Inspected By	Andrew Cowley

Tree Assessment

Diameter At Base (DAB)	0.41
Diameter At 1.4M (DBH)	0.35
Average Stem Circ. At 1M	1.16
Legislative Status	Exempt
Structural Root Zone [m]	2.28
Tree Protection Zone [m]	4.20

Site Specific Notes

Tree Specific Notes

Tree Has A Bias To The N And Does Self Correct.

Tree | Botanical Name: Eucalyptus sp. (Gum Tree)

ID: PGSA00014025 | Wed, 14 May 2025

EDEN4

Tree Overview

Tree Information

Tree Health	Good	
Tree Height	0 - 5 Metres	
Useful Life Expectancy	15 - 40 Years	
Tree Structure	Fair	
Crown Diam N/S - E/W	4	2
Age Class	Semi-Mature	

Retainability

Consider for Retention (Medium)

Expected Life Expectancy: 2. Medium 15-40 years

Significance: 3. Low Significance in Landscape

Location Data

Date	Wed, 14 May 2025
Latitude	-34.59422392273142
Longitude	138.5133786163202
ID Number	PGSA00014025
Inspected By	Andrew Cowley

Tree Assessment

Diameter At Base (DAB)	0.14
Diameter At 1.4M (DBH)	0.10
Average Stem Circ. At 1M	0.18
Legislative Status	Native Vegetation Act
Structural Root Zone [m]	1.50
Tree Protection Zone [m]	2.00

Site Specific Notes

Tree Specific Notes

Unknown Species Maybe Native Vegetation.

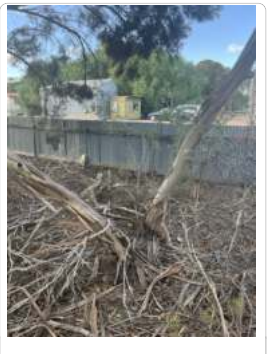
Tree | Botanical Name: Eucalyptus sp. (Gum Tree)

ID: PGSA00014026 | Wed, 14 May 2025

EDEN4

Tree Overview

Base



Base

Tree Information

Tree Health	Good	
Tree Height	0 - 5 Metres	
Useful Life Expectancy	15 - 40 Years	
Tree Structure	Fair	
Crown Diam N/S - E/W	5	5
Age Class	Mature	

Retainability

Consider for Retention (Medium)

Expected Life Expectancy: 2. Medium 15-40 years

Significance: 3. Low Significance in Landscape

Location Data

Date	Wed, 14 May 2025
Latitude	-34.594264770301805
Longitude	138.51338167766244
ID Number	PGSA00014026
Inspected By	Andrew Cowley

Tree Assessment

Diameter At Base (DAB)	0.31
Diameter At 1.4M (DBH)	0.21
Average Stem Circ. At 1M	0.49
Legislative Status	Native Vegetation Act
Structural Root Zone [m]	2.03
Tree Protection Zone [m]	2.46

Site Specific Notes

Tree Specific Notes

Unknown Species Maybe Native Vegetation.

Tree | Botanical Name: Eucalyptus spathulata (Swamp Mallet)

ID: PGSA00014027 | Wed, 14 May 2025

EDEN4

Tree Overview

Tree Information

Tree Health	Good	
Tree Height	11 - 15 Metres	
Useful Life Expectancy	15 - 40 Years	
Tree Structure	Good	
Crown Diam N/S - E/W	12	12
Age Class	Mature	

Retainability

Priority for Retention (High)

Expected Life Expectancy: 2. Medium 15-40 years

Significance: 1. High Significance in Landscape

Location Data

Date	Wed, 14 May 2025
Latitude	-34.59423965456834
Longitude	138.51344269791753
ID Number	PGSA00014027
Inspected By	Andrew Cowley

Tree Assessment

Diameter At Base (DAB)	0.58
Diameter At 1.4M (DBH)	0.47
Average Stem Circ. At 1M	1.00
Legislative Status	Exempt
Structural Root Zone [m]	2.63
Tree Protection Zone [m]	5.64

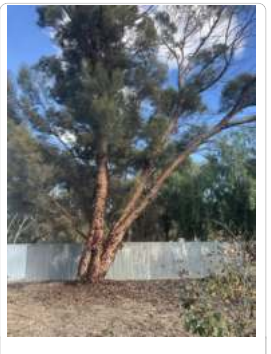
Site Specific Notes

Tree Specific Notes

Tree | Botanical Name: Eucalyptus spathulata (Swamp Mallet)

ID: PGSA00014028 | Wed, 14 May 2025

EDEN4



Tree Information

Tree Health	Fair	
Tree Height	11 - 15 Metres	
Useful Life Expectancy	15 - 40 Years	
Tree Structure	Good	
Crown Diam N/S - E/W	12	14
Age Class	Mature	

Retainability

Priority for Retention (High)

Expected Life Expectancy: 2. Medium 15-40 years

Significance: 1. High Significance in Landscape

Location Data

Date	Wed, 14 May 2025
Latitude	-34.594054664137886
Longitude	138.51353609426164
ID Number	PGSA00014028
Inspected By	Andrew Cowley

Tree Assessment

Diameter At Base (DAB)	0.90
Diameter At 1.4M (DBH)	0.85
Average Stem Circ. At 1M	2.05
Legislative Status	Exempt
Structural Root Zone [m]	3.17
Tree Protection Zone [m]	10.15

Site Specific Notes

Tree Specific Notes

Kino Throughout The Trunk. Hollow Development On N Side With Decay.