

Appendix B2

Flora and Fauna Management Sub Plan

Western Harbour Tunnel and Warringah Freeway Upgrade

Stage 1B Early and Enabling Works – Cammeray Golf Course
adjustment works

July 2022

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Contents

Appendix B2	1
Contents	i
Glossary/ Abbreviations	iii
Document control	1
1 Introduction	3
1.1 Context	3
1.2 Background and project description	3
2 Purpose and objectives	6
2.1 Purpose	6
2.2 Objectives	6
2.3 Targets	6
3 Environmental requirements	7
3.1 Relevant legislation and guidelines	7
3.1.1 Legislation	7
3.1.2 Additional approvals, licences, permits and requirements	7
3.1.3 Guidelines	7
3.2 Ministers Conditions of Approval	8
3.3 Revised Environmental Management Measures	10
3.4 Consultation	11
4 Existing Environment	12
4.1 Biodiversity aspects	14
4.1.1 Threatened ecological communities	14
4.1.2 Threatened or otherwise significant flora species	14
4.1.3 Fauna habitat	16
4.1.4 Threatened fauna	17
4.1.5 Aquatic Biodiversity	18
4.1.6 Weed Species and Pathogens	19
5 Environmental aspects and impacts	21
5.1 Construction activities	21
5.2 Ecological impacts	21
6 Environmental mitigation and management measures	22
6.1 Flora and Fauna Management Strategies	22
6.1.1 Pre-construction surveys	22
6.2 Fauna Rescue and Release Procedure	23

6.3	Weed and Pathogen Control Procedure	23
6.4	Coarse Woody Debris and Bushrock	23
6.5	Unexpected threatened species finds	23
6.6	Biodiversity offsets	23
7	Compliance management	30
7.1	Roles and responsibilities	30
7.2	Training	30
7.3	Monitoring and inspections	30
7.4	Auditing	30
7.5	Reporting	30
8	Review and improvement	31
8.1	Continuous improvement	31
8.2	FFMP update and amendment	31
	Appendix A – Biodiversity values inspection memo	32
	Appendix B – Preliminary Tree Assessment	33
	Appendix C – Procedure for Vegetation Clearing	34
	Appendix D – Unexpected Fauna/Flora Find	35
	Appendix E – Weed and Pathogen Management Protocol	36
	Appendix F – CGC Reconfiguration vegetation and tree map	37

Glossary/ Abbreviations

Abbreviations	Expanded text
BAM	Biodiversity Assessment Method
BC Act	<i>Biodiversity Conservation Act 2016</i>
BDAR	Biodiversity Development Assessment Report
CoA	Conditions of Approval
CEMP	Construction Environmental Management Plan
DPI	Department of Primary Industries
DPE	NSW Department of Planning and Environment
EEC	Endangered Ecological Community
EHG	The Environment and Heritage Group (part of the NSW Department of Planning and Environment)
EIS	Environment Impact Statement
EP&A Act	<i>Environmental Planning and Assessment Act 1979</i>
EPBC Act	<i>Environmental Protection and Biodiversity Conservation Act 1999</i>
EWMS	Environmental Work Method Statements
FFMP	Flora and Fauna Management Sub-plan
FM Act	<i>Fisheries Management Act 1994</i>
NPW Act	<i>National Parks and Wildlife Act 1974</i>
OEH	NSW Office of Environment and Heritage
REMM	Revised Environmental Management Measures
Roads and Maritime	NSW Roads and Maritime Services
Transport for NSW	Transport for New South Wales
TSC Act	<i>Threatened Species Conservation Act 1995</i>

Document control

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1 Introduction

1.1 Context

This Flora and Fauna Management Sub Plan (FFMP or Plan) forms part of the Construction Environmental Management Plan (CEMP) for the Stage 1B – Cammeray Golf Course adjustment works (refer to herein as “the Cammeray Golf Course works” or ‘CGC’) which will support the delivery program of the Main Works of the Western Harbour Tunnel and Warringah Freeway Upgrade (the Project). Sydney Program Alliance (SPA) has been appointed by Transport for New South Wales (TfNSW) to deliver the WFU CGC works.

This FFMP has been prepared to address the requirements of the Minister’s Conditions of Approval (CoA), Western Harbour Tunnel and Warringah Freeway Upgrade Environmental Impact Statement (EIS), the revised environmental management measures (REMMs) listed in the Western Harbour Tunnel and Warringah Freeway Upgrade Response to Submissions Report (RtS) and all applicable legislation. It describes how SPA proposes to manage Fauna and Flora impacts during Cammeray Golf Course works stage (Stage 1B) as per the Staging Report of the Project.

1.2 Background and project description

The Western Harbour Tunnel and Warringah Freeway Upgrade EIS (January 2020) assessed the impacts of construction and operation of the Project on flora and fauna.

As part of the EIS development, a detailed Biodiversity Development Assessment Report (BDAR) was prepared to assess the impact of the project and provide measures to minimise and manage impacts to flora and fauna. The BDAR was included in the EIS, within Chapter 19, the Biodiversity Development Assessment Report Technical Paper (Appendix S of the EIS) and Marine Ecology Technical Paper (Appendix T of the EIS).

The Biodiversity Assessment Method (BAM) is the assessment manual that outlines how an accredited person assesses impacts on biodiversity at development sites. An accredited assessor must document the results of the BAM in the BDAR. In accordance with the BAM for assessing linear-shaped developments, a buffer of 500m was applied to the subject land to determine the assessment area. Considerations of the assessment area (that surrounds the subject land) is required as the assessment area may contain biodiversity values that are important for forming the likely habitat suitability of the subject land. Figure 1-1 below highlights the location of the Cammeray Golf Course reconfiguration works as being within the 500m buffer zone applied and subsequently assessed in the BDAR.

Additionally, a biodiversity values inspection was carried out at the Cammeray Golf Course reconfiguration site on the 24 February 2020. The inspection was done as part of the Western Harbour Tunnel & Warringah Freeway Upgrade project (the Project) and assessed a proposed extension to the project footprint as detailed in the project’s environmental impact statement (EIS). An additional inspection of the northern and eastern parts of the golf course was conducted on 9 November 2021. The purpose of the footprint extension is to accommodate a relocated storage dam and reconfigured Cammeray golf course. The assessment method employed was consistent with those detailed in the Project’s Biodiversity Development Assessment Report (BDAR) (Arcadis, 2020), Appendix S of the EIS.

A memo included in Appendix A of this plan includes the assessment methods adopted and their results which included assessment for the presence of threatened species and ecological communities, and/or their habitat.

The project description is outlined in Sections 1.1 to 1.3 of the CEMP. Figure 1-2 includes an overview of the CGC works scope.

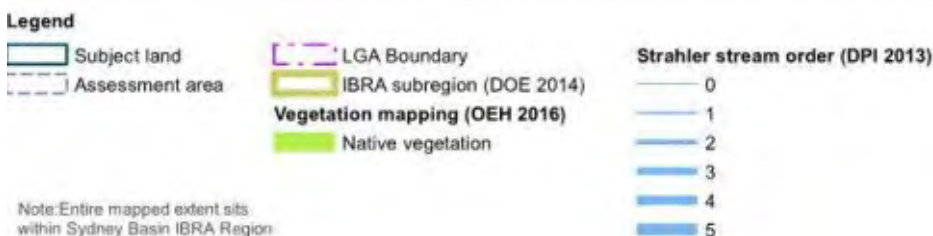
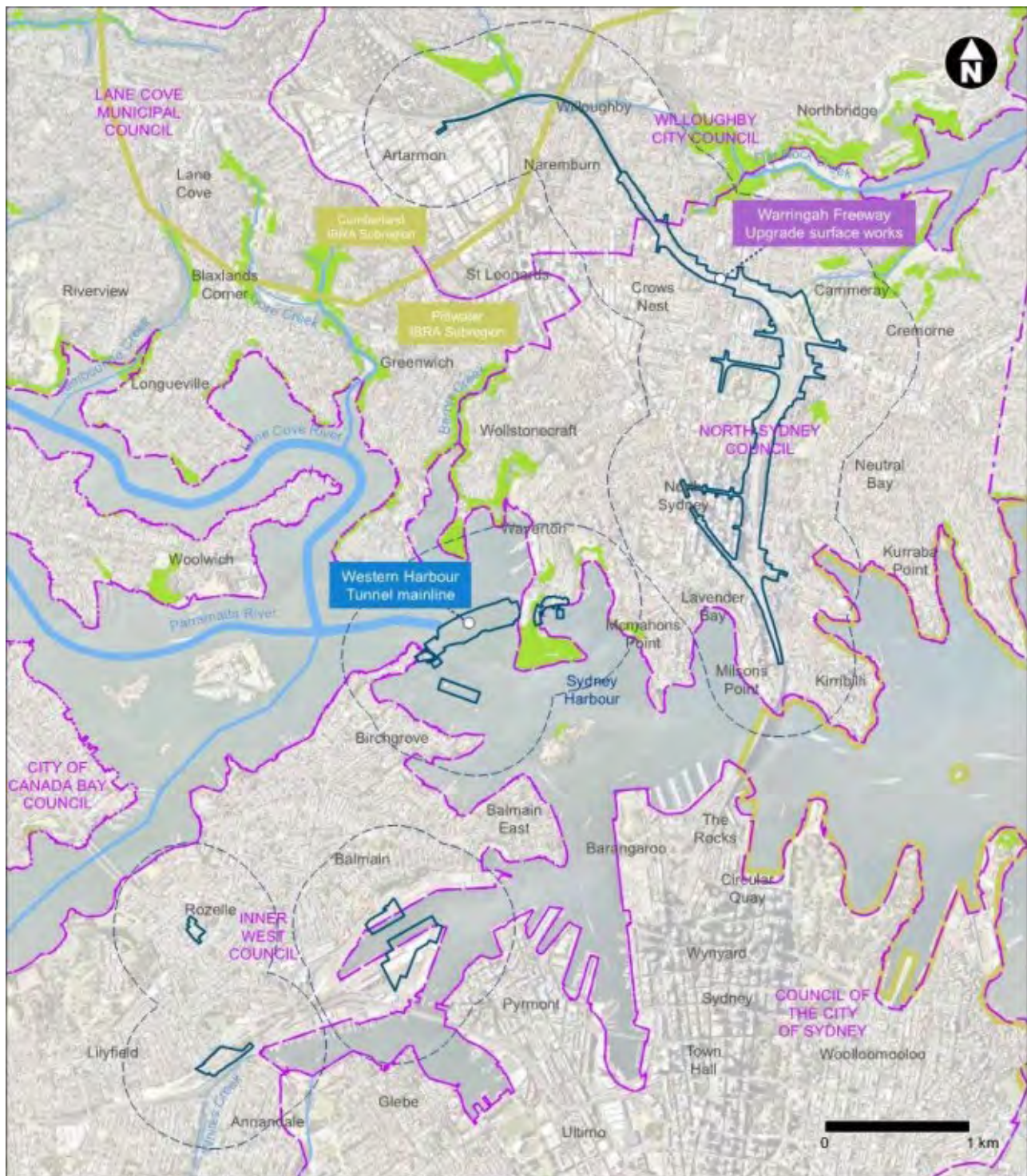


Figure 1-1: Location of subject land (EIS boundary) and associated assessment area (500m buffer inclusive of Cammeray Golf Course reconfiguration works) (source: Appendix S of the EIS)



Figure 1-2: Location of Cammeray Golf Course reconfiguration works

2 Purpose and objectives

2.1 Purpose

The purpose of this plan is to describe how construction impacts on flora and fauna will be minimised and managed during the construction of Cammeray Golf Course works in accordance with SMART principles.

2.2 Objectives

The objective of the FFMP is to ensure that all avoidance, mitigation and management measures relevant to the protection of native flora and fauna including threatened species and endangered ecological communities referred to in the documents listed are adopted and implemented:

- The Environmental Impact Statement (EIS) prepared for the Western Harbour Tunnel and Warringah Freeway Upgrade
- The RtS prepared for Western Harbour Tunnel and Warringah Freeway Upgrade
- The relevant Conditions of Approval (CoA) and Revised Environmental Management Measures (REMMs)
- Transport for NSW G36 and G40
- Relevant legislation and other requirements described in Section 3.1 of this FFMP

2.3 Targets

The following targets have been established for the management of flora and fauna impacts during the project:

- Ensure full compliance with the relevant legislative requirements, CoA and REMMs
- Ensure training is provided in the form of inductions to relevant Project personnel relating to flora and fauna issues before they begin work on site
- Implement mitigation measures to minimise flora and fauna impacts during construction
- No impacts on threatened species, populations and ecological communities.
- No disturbance to flora and fauna outside the proposed Project footprint
- Minimise impact to aquatic biodiversity values
- Minimise removal of high retention value trees
- No increase in distribution of weeds currently existing within the project areas
- No new weeds introduced to the project areas
- No transfer of plant diseases or pathogens to or from the project work areas
- All fauna species encountered during construction are handled humanely in accordance with the Project's Fauna Handling and Rescue Procedure
- No pollution or siltation of aquatic ecosystems, wetlands, endangered ecological communities or threatened species habitat
- Minimise barriers to fauna movement and fish passage

3 Environmental requirements

3.1 Relevant legislation and guidelines

3.1.1 Legislation

All legislation relevant to this FFMP is included in Appendix A3 of the CEMP.

3.1.2 Additional approvals, licences, permits and requirements

Refer to Appendix A3 of the CEMP.

3.1.3 Guidelines

The main guidelines, specifications and policy documents relevant to this Plan include:

- Transport for NSW Specification G36 – Environmental Protection
- Transport for NSW Specification G40 – Clearing and Grubbing.
- Roads and Maritime Biodiversity Guidelines (September 2011).
- Department of Primary Industries 'Policy and Guidelines for Fish Habitat Conservation and Management (DPI 2013)
- Fish note – Policy and Guidelines for Fish Friendly Waterway Crossings (November 2003)
- Hygiene protocol for the control of disease in frogs (DECCW 2008)
- Australian Standard AS 4373 Pruning of Amenity Trees
- Australian Standard 4970 – 2009 Protection of Trees
- NSW Biodiversity Conservation Act 2016 (BC Act)
- Commonwealth Environment Protection and Biodiversity Conservation Act 1999
- Fisheries Management Act 1994
- Protecting and managing biodiversity on RTA projects (RTA, 2011)
- Biosecurity Act 2015

3.2 Ministers Conditions of Approval

The CoA relevant to the requirement for this Plan are listed Table 3 1 below. A cross reference is also included to indicate where the condition is addressed in this Plan or other project management documents.

Table 3-1: Minister's Conditions of Approval

CoA No.	Condition Requirements	Document Reference
C4	<p>The following CEMP Sub-plans must be prepared in consultation with the relevant government agencies identified for each CEMP Sub-plan. Details of all information requested by an agency during consultation must be provided to the Planning Secretary as part of any submission of the relevant CEMP Sub-plan, including copies of all correspondence from those agencies as required by Condition A5.</p> <p>(C) Flora and Fauna</p> <p>Agencies include DPI Fisheries, DPE Water, EHG and North Sydney Council</p>	Section 3.4
C5	<p>The CEMP Sub-plans must state how:</p> <p>(a) the environmental performance outcomes identified in the documents listed in Condition A1 will be achieved;</p> <p>(b) the mitigation measures identified in the documents listed in Condition A1 will be implemented;</p> <p>(c) the relevant terms of this approval will be complied with; and</p> <p>(d) issues requiring management during construction (including cumulative impacts), as identified through ongoing environmental risk analysis, will be managed through SMART principles.</p>	CEMP Appendix A1 Section 6 Section 3.2 Section 4 & 5

CoA No.	Condition Requirements	Document Reference
C6	<p>The Flora and Fauna Management CEMP Sub-Plan must include, but not be limited to:</p> <p>(e) details for undertaking pre-clearing/demolition inspections for native fauna including threatened species by a suitably qualified ecologist, of any vegetation to be cleared and any buildings or structures identified as potential roosting habitat for microbats that are to be demolished or refurbished; methods and procedures for welfare and relocation of displaced fauna; and management/offset measures</p> <p>(f) details of a dewatering plan of the stormwater harvesting storage facility / dam at Cammeray Golf Course including:</p> <p>(i) a methodology of relocating native fauna species known to inhabit and/or use the dam;</p> <p>(ii) the location and suitability of the proposed relocation sites; and</p> <p>(iii) any potential impacts of relocating the fauna to the relocation sites.</p>	<p>Section 6.1.1</p> <p>C6 (f) is not within scope for the CGC works and is therefore not addressed as part of this plan</p>
C9	<p>The CEMP Sub-plans must be submitted to the Planning Secretary for approval along with, or subsequent to, the submission of the CEMP but in any event, no later than one month before construction.</p>	<p>The Project commits to not commencing works within one month of submitting the FFMP to DPE for review. Note FFMP (Rev 6) was submitted to DPE for review on the 18 May 2022,</p>

CoA No.	Condition Requirements	Document Reference
E48	Within three months of the removal of any native trees, the Proponent must consult with local community restoration/rehabilitation groups, Landcare groups, relevant councils, DPI Fisheries and any relevant public authorities to determine if there is an interest in the reuse of suitable timber and root balls for habitat enhancement and rehabilitation work. If there is an interest, native trees that are removed for the construction of the CSSI and that are greater than 25-30 centimetres in diameter and three metres in length must be salvaged and stored for a period of at least six weeks to enable collection by interested parties.	Appendix C

3.3 Revised Environmental Management Measures

Table 3.2 below details all other REMMs and other requirements relevant to the development of this Plan.

Table 3-2: Revised Environmental Management Measures

REMMs No.	Management Measure	Document Reference
B1	Vegetation removal including the clearing of native vegetation and fauna habitat will be further minimised, where feasible and reasonable.	Appendix C
B2	Vegetation removal will be carried out in accordance with Guide 4: Clearing of vegetation and removal of bushrock of the Biodiversity Guidelines: Protecting and managing biodiversity on RTA projects (RTA, 2011).	Section 6.4 Appendix C
B3	The unexpected species find procedure included in Biodiversity Guidelines: Protecting and managing biodiversity on RTA projects (RTA, 2011) will be followed if threatened ecological communities, flora or fauna species, not assessed in the biodiversity assessment, are identified in the construction footprint.	Appendix D
B5	Pre-clearing surveys for threatened flora species will be carried out in accordance with Guide 1: Pre-clearing process of the Biodiversity Guidelines: Protecting and managing biodiversity on RTA projects (RTA, 2011).	Section 6.1.1

REMMs No.	Management Measure	Document Reference
B10	Fauna will be managed in accordance with Guide 9: Fauna handling of the Biodiversity Guidelines: Protecting and managing biodiversity on RTA projects (RTA, 2011).	Section 6.2
B11	Pre-clearing surveys will be undertaken in accordance with Guide 1: Pre-clearing process of the Biodiversity Guidelines: Protecting and managing biodiversity on RTA projects (RTA, 2011).	Section 6.1.1
B14	Weed species will be managed in accordance with Guide 6: Weed management of the Biodiversity Guidelines: Protecting and managing biodiversity on RTA projects (RTA, 2011).	Section 6.3
B15	Pathogens will be managed in accordance with Guide 2: Exclusion zones of the Biodiversity Guidelines: Protecting and managing biodiversity on RTA projects (RTA, 2011).	Section 6.3

3.4 Consultation

This plan has been provided to New South Wales Department of Planning and Environment (DPE), DPI Fisheries, DPE Water, EHG and North Sydney Council in accordance with CoA C4. Refer to Section 2 and Section 3 of the CEMP for consultation requirements relating to the CEMP and all Sub-plans.

Consultation with the relevant agencies occurred on 17 March 2022, and the outcomes were as follows:

- DPE Water – No comment
- DPI Fisheries – Recommended that a Section 37 permit under the Fisheries Management Act 1994 will be required for any capture and relocation of native fish species and also for the euthanasia of any non-native fish species. However, this is not required as part of the CGC works scope under this Flora and Fauna Management Sub Plan.
- EHG – Provided comments in relation to the scope of works and boundary of this plan. The relevant sections of the FFMP have been updated in response to this.

4 Existing Environment

The following sections summarise existing flora and fauna within and adjacent to the project area including species, communities and habitats. The key reference documents are:

- EIS Chapter 19: Biodiversity
- EIS Appendix S: BDAR
- Preliminary tree assessment (Truth About Trees, 25/11/2021)
- Biodiversity values assessment memo (Arcadis, 06/12/2021)

As discussed in Section 1.2 of this plan, as part of the EIS development, a detailed BDAR was prepared to assess the impact of the project and provide measures to minimise and manage impacts to flora and fauna. When assessing the impacts on biodiversity due to development, the Biodiversity Assessment Method (BAM) is the assessment manual that outlines how an accredited person assesses this and communicates the outcomes of the BAM in the BDAR.

In accordance with the BAM for assessing linear-shaped developments, a buffer of 500m was applied to the subject land to determine the assessment area. Considerations of the assessment area (that surrounds the subject land) is required as the assessment area may contain biodiversity values that are important for forming the likely habitat suitability of the subject land. Visual representation of these items is presented in Figure 1-1 and as the figure relates specifically to the Cammeray Golf Course reconfiguration works:

- the 'subject land' – is the same area identified in the EIS as the 'construction footprint' and with the term 'development footprint' in the BAM. It is the area that comprises the construction and operational footprint being considered in the EIS. The subject land consists of land (at surface level) that would be directly impacted by construction and operation of the project.
- the 'assessment area' – surrounds the 'subject land'. In the case of linear-shaped development sites, as is the case for the wider WHTWUFU project, the assessment area constitutes a 500m buffer.

The Cammeray Golf Course reconfiguration works are within the 500m buffer zone applied and subsequently assessed in the BDAR.

Two separate site inspections and a biodiversity values assessment was carried out at the Cammeray Golf Course reconfiguration site to determine biodiversity values (if any) present within Cammeray Golf Course. These inspections were carried out on the 24th February 2020 and 9th November 2021 which involved traversal on foot across the site and detailed observations at 13 rapid test points (CG01 to CG13) and are presented in Figure 4-1. The inspection was done as part of the Western Harbour Tunnel & Warringah Freeway Upgrade project (the Project) and assessed a proposed extension to the project footprint as detailed in the project's environmental impact statement (EIS). The purpose of the footprint extension is to accommodate a relocated storage dam and reconfigured Cammeray golf course. Assessment methods were consistent with those detailed in the Project's Biodiversity Development Assessment Report (BDAR) (Arcadis, 2020), Appendix S of the EIS. A memo included in Appendix A of this plan includes the assessment methods adopted and their results including assessment for the presence of threatened species and ecological communities, and/or their habitat.



Figure 4-1: Rapid test points utilised during the biodiversity values assessment (24/02/20 and 09/11/21)

Additionally, an arboriculture assessment within Cammeray Golf Course was also carried out between 1st and 9th November 2021 to identify trees present throughout the golf course. This assessment was prepared by SPA to support design development and to inform construction methodology and sequencing. The assessment identified the location and species of trees which informs whether any threatened species are present. The assessment which includes a schedule of all the trees identified in Cammeray Golf Course is included in Appendix B of this plan.

To determine the biodiversity impacts of the delivery of an altered Cammeray Golf Club in accordance with the CSSI-8863 WHTWU project, condition of approval E101, targeted biodiversity assessments have been undertaken, including the BDAR completed as a part of the EIS (containing the 500m buffer that incorporates the CGC reconfiguration work), the biodiversity values assessment and the additional arboriculture assessment. Key information from these sources have been incorporated in this FFMP to support the identification of potential biodiversity impacts and the environmental mitigation and management measures required to be implemented during delivery of the CGC reconfiguration works.

Biodiversity aspects and the outcomes of the biodiversity assessments undertaken as part of the CGC reconfiguration work are further explored in Section 4.1.

The project boundary and relevant ecological data is shown on the sensitive area plan included in Appendix A6 of the CEMP.

4.1 Biodiversity aspects

4.1.1 Threatened ecological communities

Biodiversity assessments carried out for the project identified urban/exotic and native plantings, however no Commonwealth EPBC Act or BC Act listed threatened ecological communities (TEC) were identified within the CGC reconfiguration site. This is presented in Figure 4-2.

4.1.2 Threatened or otherwise significant flora species

According to Appendix S of the EIS, threatened flora species identified that are endemic or non-endemic to the area, or with the potential to occur within or adjacent to the CGC reconfiguration work site, and their conservation status, are listed in Table 4-1. Within the footprint of the CGC reconfiguration site, three threatened flora species were identified, each with several individuals present across the site.

In particular, the Narrow-leaved Black Peppermint (*Eucalyptus nicholii*) is endemic to the New England Tablelands bioregion of NSW and does not naturally occur in the locality of the CGC reconfiguration work site. The Magenta Lilly Pilly (*Syzygium paniculatum*) and Rough-shelled Bush Nut* (*Macadamia tetraphylla*) are endemic to Coastal NSW and do not naturally occur in the locality of the CGC reconfiguration work site. Records of these species that have been identified within the CGC reconfiguration work site (see Figure 4-2), have been planted at the site as non-local natives and therefore do not hold conservation value to trigger any biodiversity offsets.

Table 4-1: Threatened or otherwise significant flora species within Cammeray Golf Course

Common name	Scientific name	EPBC Act	BC Act	Endemic	Occurrence	Occurs within CGC site?
Magenta Lilly Pilly	<i>Syzygium paniculatum</i>	Vulnerable	Endangered	No	Unlikely	Yes

Common name	Scientific name	EPBC Act	BC Act	Endemic	Occurrence	Occurs within CGC site?
Narrow-leaved Black Peppermint	<i>Eucalyptus nicholii</i>	Vulnerable	Vulnerable	No	Unlikely	Yes
Wallangarra White Gum	<i>Eucalyptus scoparia</i>	Vulnerable	Endangered	No	Unlikely	No
Sunshine Wattle	<i>Acacia terminalis</i> subsp. <i>terminalis</i>	Endangered	Endangered	Yes	Low	No
Rough-shelled Bush Nut	<i>Macadamia tetraphylla</i>	Vulnerable	Vulnerable	No	Unlikely	Yes



Figure 4-2: CGC reconfiguration vegetation and plant community types, including the location of planted specimens of listed threatened tree species.

4.1.3 Fauna habitat

One fauna habitat type was identified by the EIS. These are listed below in Table 4-2.

Table 4-2: Fauna habitat types

Name	Habitat features	Key Habitat Characteristics
Vegetated habitats	Highly modified, consisting of trees and shrubs in landscaped parks and reserves, private residential gardens and road verges	<p>Could provide potential roosting, nesting and sheltering habitat for:</p> <ul style="list-style-type: none"> • Birds and arboreal mammals <ul style="list-style-type: none"> - Dense vegetation including weed thickets - Stags (dead trees) - Habitat trees including those with nests, dreys, decorticating bark and hollows. • Amphibians and reptiles <ul style="list-style-type: none"> - Rocks and crevices - Logs and leaf litter. • Microbats <ul style="list-style-type: none"> - Rock crevices - Culverts, where relevant - Stags - Habitat trees with decorticating bark and hollows.

4.1.4 Threatened fauna

Biodiversity assessments of the CGC site identified that potential fauna habitat throughout the site is fragmented and does not maintain habitat connectivity with any large areas of native vegetation in the wider locality. The surrounding area is highly urbanised and is characterised by high-density residential areas. The Warringah Freeway also passes the western boundary of the golf course. Narrow tracts of native vegetation are present along Willoughby Creek approximately 150 metres northeast of the site at Primrose Park, however, there is no direct connectivity with the golf course site. Habitat connectivity value of the site is accordingly low, consistent with the habitat values outlined in the EIS.

Fauna species that would potentially occur in these low connectivity habitats would generally be limited to those highly mobile species which are cable of using small, isolated patches of habitat in a landscape otherwise cleared of native vegetation, and tolerant to disturbances typical of the urban environment (such as light and noise pollution). Flowering and fruiting trees and shrubs were observed on site, which offer potential foraging, nesting and roosting habitat to bats, birds and arboreal mammals.

22 credit species were identified in the EIS, and six of these were recorded or considered highly likely to occur in the project area, due to the presence of potential habitat:

- Grey-headed Flying-fox
- Eastern Bentwing-bat
- Little Bentwing-bat
- Southern Myotis
- White-bellied Sea-Eagle
- Powerful Owl.

All except Southern Myotis are listed as both species credit and ecosystem credit species. However, no suitable breeding habitat, to which species credits would apply, was recorded in the CGC works site.

One hollow-bearing tree (*Eucalyptus tereticornis*) was also observed on site with evidence of use around the hollow entrance. The hollow is most likely occupied by a common urban bird species such as the Sulphur-crested Cockatoo (*Cacatua galerita*). Additionally, a possum drey (nest) was identified in a Lilly Pilly tree during the site inspection. The location of the hollow-bearing tree and possum drey are shown in **Figure 4-3**.

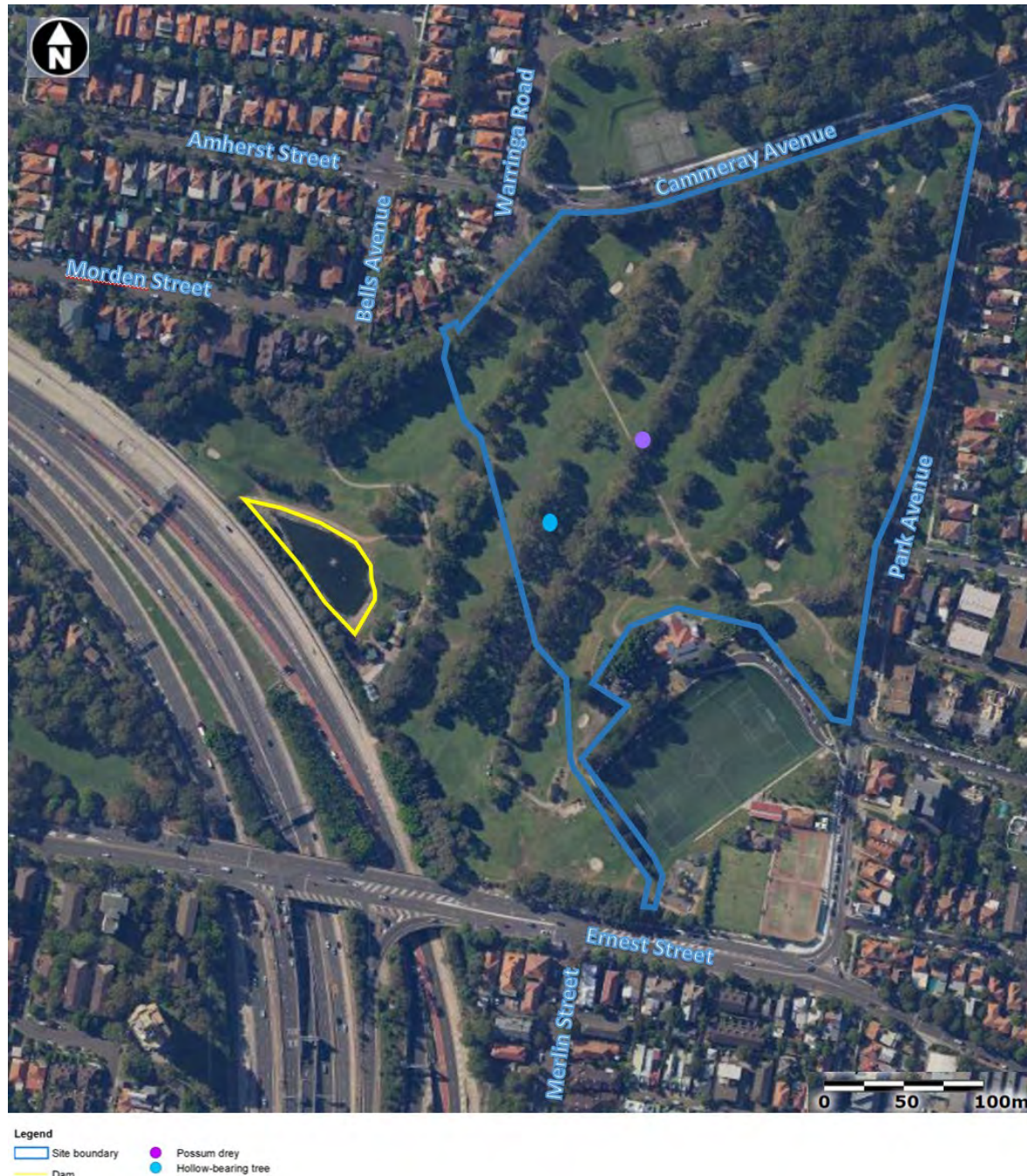


Figure 4-3: Habitat features of terrestrial fauna identified at the Cammeray Golf Course works site

4.1.5 Aquatic Biodiversity

Willoughby Creek

Willoughby Creek is a small, modified concrete and bedrock channel which drains the suburbs of Neutral Bay and Cammeray directly to Willoughby Bay at Cremorne. It is classified as a Type 3

minimally sensitive key fish habitat and Class 3 minimal key fish habitat for fish passage as per NSW DPI Fisheries Guidelines. The upper portion of the creek is located within the CGC itself and has no channel definition, operating as a drainage channel within a minor topographic depression flowing approximately north east along the CGC green.

Downstream the creek has been artificially piped underground beneath Creek Lane where it drains to Willoughby Falls. Semi-natural channel morphology exists for about 85 metres from Willoughby Falls to the southwest corner of Primrose Park. This section is characterised as bedrock channel with a substantially sized rock pool at the base of the waterfall. The bedrock channel below the pool is gently sloped / stepped in some places, low flowing and has some minor pooled sections along the length. Below the bedrock channel, Willoughby Creek becomes an artificially straightened, concrete stormwater drain before reaching Willoughby Bay about 400 metres downstream.

An initial site visit of Willoughby Creek identified good aquatic habitat for benthic aquatic species within the small bedrock pool at the base of Willoughby Falls. Observations included:

- Substantial rock pools but no aquatic vegetation within pool or on bank.
- Riparian vegetation present on cliff ledge, high canopy shielding waterfall, rock pool and downstream bedrock channel.
- Australian Smelt (*Retropinna semoni*) were observed within the rock pool.

The remainder of the creek is considered highly modified, poor fish habitat.

4.1.6 Weed Species and Pathogens

Weed species were identified at the CGC works site during biodiversity assessments of the site and their biosecurity status are identified in Table 4-3.

Table 4-3: Weed species identified at Cammeray Golf Course

Weed	Status
<i>Ehrharta erecta</i> ; Panic Veldt Grass	General Biosecurity Duty
<i>Tradescantia fluminensis</i> ; Trad	Weeds of Regional Concern (North Sydney Council)
<i>Lolium perenne</i> ; Perennial Ryegrass	General Biosecurity Duty
<i>Megathyrsus maximus</i> ; Guinea Grass	General Biosecurity Duty
<i>Stellaria media</i> ; Common Chickweed	General Biosecurity Duty
<i>Plantago lanceolata</i> ; Plantain	General Biosecurity Duty
<i>Modiola caroliniana</i> ; Red-flowered Mallow	General Biosecurity Duty
<i>Cenchrus clandestinus</i> Kikuyu	Weeds of Regional Concern (North Sydney Council)

Weed	Status
Bromus catharticus; Prairie Grass	General Biosecurity Duty
Soliva sessilis; Bindii	General Biosecurity Duty
Trifolium repens; White Clover	General Biosecurity Duty
Taraxacum officinale; Dandelion	General Biosecurity Duty
Poa pratensis; Kentucky Bluegrass	General Biosecurity Duty
Axonopus fissifolius; Narrow-leafed Carpet Grass	General Biosecurity Duty
Sporobolus africanus; Parramatta Grass	General Biosecurity Duty
Ground asparagus (Asparagus aethiopicus)	Weed of National Significance Prohibition on certain dealings (North Sydney Council)
Sida rhombifolia; Paddy's Lucerne	General Biosecurity Duty

Pathogens

Works at CGC has the potential to increase the spread of pathogens that threaten native biodiversity values, such as the soil-borne pathogen *Phytophthora cinnamomi* (Phytophthora). *Phytophthora cinnamomi* is a pathogen known to occur in the Greater Sydney region and is associated with the dieback of native plants.

Construction of the project has the potential to increase the spread of this pathogen which could be dispersed by vehicles, animals, walkers and the movement of soil, or over large distances in flowing water, such as storm runoff. Management measures to control pathogen spread are detailed in Appendix E - Weed and Pathogen Management Protocol.

5 Environmental aspects and impacts

5.1 Construction activities

Key aspects of the Project that could result in impacts to terrestrial and aquatic flora and fauna include:

- Clearing of vegetation
- Noise and vibration from construction works and plant
- Dust impacts from earthworks / excavation
- Lighting impacts and overshadowing from site compounds or work fronts
- Construction traffic and movement of construction machinery and plant
- Impacts to water quality due to sediment runoff and deposition, polluted road runoff, high velocity runoff/discharge or uncontrolled release of construction water from works around Willoughby Creek
- Use of chemicals / fuels (potential for spills)
- Transport of soils, water and other materials on and off-site and between sites

Refer also to the Aspects and Impact Register included in Appendix A4 of the CEMP.

5.2 Ecological impacts

The Project footprint and surrounding area is largely disturbed and considered to have reduced ecological value. As such, the Project's anticipated ecological impact is minimal. Likely and/or potential impacts associated with the Project are discussed in Chapter 22 of the EIS and include:

- Removal of native vegetation and threatened species habitat
- Direct and indirect impacts to fauna, including injury and mortality
- Removal of threatened flora species
- Invasion and spread of weeds, pests, pathogens and disease
- Noise, vibration and light impacts

Cumulative impacts from other projects to Biodiversity at the CGC works site has been assessed as negligible. Notwithstanding, mitigation and management measures provided in Table 6-1 aim to minimise the above likely and potential impacts to biodiversity values.

Biodiversity issues requiring management during construction, including potential cumulative impacts, will be identified through ongoing environmental risk assessment. The project's risk assessment process is further explored in Section 3.2 of the CEMP.

6 Environmental mitigation and management measures

A range of environmental requirements and control measures are identified in the various environmental documents, including the EIS, Conditions of Approval and other Transport for NSW documents. Specific management measures to address these requirements and impacts on biodiversity are outlined in Table 6-1.

6.1 Flora and Fauna Management Strategies

6.1.1 Pre-construction surveys

Pre-clearing surveys will be carried out by the Project Ecologist prior to construction, to confirm the vegetation to be cleared as part of the Project, identify the presence and location of any habitat features (including tree hollows, bird nests and/or potential bat roosts) and identify any unexpected threatened flora and fauna species.

A pre-clearing survey would occur for each section to be cleared a day prior to clearing by the Environment Manager or their delegate, in consultation with the relevant construction personnel. Prior to any vegetation clearing or demolition, as included in the Environmental Work Method Statements (EWMS), the Environment Manager or their delegate would accompany the Project Ecologist to site to carry out a survey, inspecting the area for the presence of endangered or threatened species, or habitat features.

Limits of clearing and environmentally sensitive areas would be delineated and demarcated in accordance with the Fencing and Signage Protocol outlined in the Procedure for Vegetation Clearing in Appendix C. Any subsequent relocation of species would be carried out under the guidance of the Project Ecologist, which would be documented in the Project Ecologist's pre-clearing report, along with recommended management measures for safe relocation of fauna. A map indicating the extent of vegetation and tree impact as a result of the CGC reconfiguration work is included in Appendix F of this plan.

Pre-clearing surveys will also detail the extent and type of noxious and priority weeds present within the Project footprint and ensure that any previously unidentified noxious and priority weeds are incorporated into the Weed and Pathogen Management Protocol outlined in Appendix E. Sensitive Area Plans and vegetation maps will be updated if required by the above surveys. A copy of Sensitive Area Plans will be provided to relevant stakeholders for their information.

6.2 Fauna Rescue and Release Procedure

Any displaced or injured fauna encountered during the Project, would be managed in accordance with the Unexpected Fauna/Flora Find Procedure outlined into Appendix D.

6.3 Weed and Pathogen Control Procedure

An increase in the movement of people, vehicles, machinery, vegetation waste and soil during and following construction activities may facilitate the introduction or spread of exotic grasses and other weeds that currently occur.

Disturbed areas, such as those in which earthworks are to be carried out, would be particularly susceptible to weed establishment.

Even so, environmental management measures would be implemented to minimise the risk of introduction and spread of weeds and pathogens.

Weeds and Pathogens within the CGC works site would be managed in accordance with the Weed and Pathogen Management Protocol outlined in Appendix E.

6.4 Coarse Woody Debris and Bushrock

Where appropriate and feasible based on site conditions, the Project Ecologist will provide advice on the potential re-use of felled trees and woody debris and bushrock as per the Biodiversity Guidelines (RTA 2011).

In addition, in accordance with CoA E48, SPA will consult with the local community restoration/rehabilitation groups, Landcare groups, EHG, Sydney Water and relevant Councils prior to removing any native trees not to be reused by the Project, to determine if there is an interest for the reuse of suitable timber and root balls in habitat enhancement and rehabilitation work.

This is detailed further in the Procedure for Vegetation Clearing in Appendix C. The above requirements are detailed in mitigation measures FF8, FF11 and FF16 in Table 6-1.

Consultation will be documented in the consultation report as per CoA A5.

6.5 Unexpected threatened species finds

In the event that a newly discovered threatened species is unexpectedly encountered during construction, the Unexpected Fauna/Flora Find Procedure will be followed as outlined in Appendix D.

6.6 Biodiversity offsets

No species credits were identified in the EIS for the Cammeray Golf Course works site.

Table 6-1: Flora and fauna management and mitigation measures

ID	Measure/Requirement	Resources needed	When to implement	Responsibility	Reference
GENERAL					
FF1	Training will be provided to relevant Project personnel, including relevant subcontractors on flora and fauna requirements from this plan through inductions, toolboxes and targeted training.	Training Materials	Prior to construction	Environmental Coordinator	Best practice
FF2	Any work required outside the construction footprint will be referred to the Environment Manager for advice on further assessment and approval requirements.	Any work required outside the construction footprint will be referred to the Environment Manager for advice on further assessment and approval requirements.	Construction	All staff	Best practice
FF3	An appropriately qualified Project Ecologist will be appointed prior to the commencement of construction.	Project Ecologist	Prior to construction	Environment Manager	Best Practice CoA C6
VEGETATION CLEARING, PROTECTION AND MANAGEMENT					

ID	Measure/Requirement	Resources needed	When to implement	Responsibility	Reference
FF4	Native vegetation within the construction footprint would be retained and protected within an exclusion zone, to ensure no clearance of this vegetation would occur. Routine inspections and maintenance of exclusion fencing would be carried out.	EWMS This Plan	Construction	Environment Manager	Appendix C Best Practice
FF5	SPA will consider the retention of vegetation in the design of the Project's construction and ancillary facilities, with the aim of minimising disturbance and reducing impacts to flora and fauna species and ecological communities to the greatest extent practicable.	Ecologist's preclearing survey reports Design of ancillary facilities	Construction	Environment Manager	Best Practice Appendix C Appendix D
FF6	Any clearing of vegetation will be in accordance with the Procedure for Clearing Vegetation included in Appendix C. Vegetation clearing will be limited to the minimum necessary to construct the Project. A Project specific EWMS will be developed for vegetation clearing activities and no clearing will be undertaken until a Vegetation Clearing Permit is approved	EWMS This Plan	Preconstruction	Environment Manager	G36 G40

ID	Measure/Requirement	Resources needed	When to implement	Responsibility	Reference
FF7	Vegetation removal including the clearing of native vegetation and fauna habitat will be further minimised, where feasible and reasonable.	Ecologist's preclearing survey reports	Construction	Environment Manager	Best Practice
FF8	Vegetation removal will be carried out in accordance with Guide 4: Clearing of vegetation and removal of bushrock of the Biodiversity Guidelines: Protecting and managing biodiversity on RTA projects (RTA, 2011).	EWMS This Plan	Preconstruction	Environment Manager	Appendix C
FAUNA MANAGEMENT					
FF9	Any displaced or injured fauna encountered during the Project, would be managed in accordance with the Fauna Rescue and Release procedure (Appendix D of this FFMP).	Unexpected Fauna / Flora Find Procedure Project Ecologist	Prior to construction Construction	Foreman Project Ecologist	G36 Appendix D
FF10	Where practicable coarse, woody debris, bushrock and tree hollows that require removal will be relocated to retained bushland within or bordering the Project footprint. Advice on the placement of these features will be made by the Project Ecologist	Project Ecologist	Construction	Environmental Manager and Project Ecologist	Appendix C Roads and Maritime Biodiversity Guidelines (RTA 2011)

ID	Measure/Requirement	Resources needed	When to implement	Responsibility	Reference
FF11	Any displaced or injured fauna encountered during the Project, would be managed in accordance with the Unexpected Fauna / Flora Find Procedure (Appendix D of this FFMP).	Unexpected Fauna / Flora Find Procedure Project Ecologist	Prior to construction Construction	Foreman Project Ecologist Environmental Coordinator	G36 Appendix D
FF12	The unexpected species find procedure included in Biodiversity Guidelines: Protecting and managing biodiversity on RTA projects (RTA 2011b) will be followed if threatened ecological communities, flora or fauna species, not assessed in the biodiversity assessment, are identified in the construction footprint.	Unexpected Fauna / Flora Find Procedure Project Ecologist	Prior to construction Construction	Foreman Project Ecologist Environmental Coordinator	Appendix D
PESTS AND DISEASES					
FF13	Weeds within the construction footprint would be managed in accordance with the Weed and Pathogen Management Protocol (Appendix E of this FFMP). This includes management prior to vegetation clearing and during construction, disposal of cleared weed material to a facility licenced to receive green waste or managed in accordance with local council requirements, and monitoring weed growth within and directly adjacent to Project areas.	Weed and Pathogen Management Protocol	Prior to construction Construction	Environmental Manager	G40 Appendix E

ID	Measure/Requirement	Resources needed	When to implement	Responsibility	Reference
FF14	Machinery will be checked to ensure free from mud and vegetation prior to entering the Project construction sites to prevent the spread of weeds or pathogens. Equipment not found in a clean state will not be permitted to be used on site.	Plant Inspection Checklists	Construction	Foreman	Best Practice
NOISE, VIBRATION, LIGHT, DUST AND WASTE					
FF15	Ensure environmental controls to minimise noise, vibration, light and dust are in place at all compound sites, particularly compounds operating on a 24-hour basis.	Site Plans	Construction	Environmental Manager Foreman	Best Practice
REHABILITATION					

ID	Measure/Requirement	Resources needed	When to implement	Responsibility	Reference
FF16	The contractor must consult with local community restoration/rehabilitation groups, Landcare groups, EHG, Sydney Water, and relevant councils prior to removing any native trees not to be reused by the CSSI, to determine if there is an interest for the reuse of suitable timber and root balls in habitat enhancement and rehabilitation work. If there is an interest, native trees that are removed for the construction of the CSSI and that are greater than 25-30 centimetres in diameter and three metres in length are to be salvaged and provided to the group(s) and/or relevant councils or agencies referred to in this condition as agreed.		Construction	Environment Manager	REMM B2 Appendix C

7 Compliance management

7.1 Roles and responsibilities

The SPA Project Team's organisational structure and overall roles and responsibilities are outlined in Section 3.3 of the CEMP. Specific responsibilities for the implementation of environmental controls are detailed in Section 6 of this Plan.

7.2 Training

All employees, contractors, sub-contractors and utility staff working on site will undergo site induction training that includes construction flora and fauna management issues. The induction training will address elements related to flora and fauna management including:

- Requirements of this sub-plan
- Relevant legislation
- Specific species likely to be affected by the construction work and how these species can be recognised
- Fauna rescue requirements
- Weed control measures
- General flora and fauna management measures
- Specific responsibilities for the protection of flora and fauna.

Further details regarding staff induction and training are outlined in Section 3.5 of the CEMP.

7.3 Monitoring and inspections

Weekly and other routine inspections by the SPA Environment Team, TfNSW, ERG representatives and ER will occur throughout construction.

Detail on the nature and frequency of these inspections are documented in Section 3.9 of the CEMP. Section 6.1.1 also refers to the pre-clearing inspections required. Requirements and responsibilities in relation to monitoring and inspections are documented in Section 3.9.1 and 3.9.2 of the CEMP.

7.4 Auditing

Audits (both internal and external) will be undertaken to assess the effectiveness of environmental controls, compliance with this sub plan, CoA and other relevant approvals, licenses and guidelines.

Audit requirements are detailed in Section 3.9.3 of the CEMP.

7.5 Reporting

Reporting requirements and responsibilities are documented in Section 3 of the CEMP. There are specific reporting requirements associated with additional survey work and monitoring including the results of pre-clearing surveys.

This is detailed in Section 6.1.1 above. Any incidents relating to flora and fauna will be reported in accordance with the TfNSW Environmental Incident Classification and Reporting Procedure as per Appendix A7 of the CEMP.

8 Review and improvement

8.1 Continuous improvement

Continuous improvement of this plan will be achieved by the ongoing evaluation of environmental management performance against environmental policies, objectives and targets for the purpose of identifying opportunities for improvement. The continuous improvement process will be designed to:

- Identify areas of opportunity for improvement of environmental management and performance
- Determine the cause or causes of non-conformances and deficiencies
- Develop and implement a plan of corrective and preventative action to address any non-conformances and deficiencies
- Verify the effectiveness of the corrective and preventative actions
- Document any changes in procedures resulting from process improvement
- Make comparisons with objectives and targets.

8.2 FFMP update and amendment

The processes described in Section 3.9 to Section 3.13 of the CEMP may result in the need to update or revise this Plan. This will occur as needed.

Any revisions to the FFMP will be in accordance with the process outlined in Section 3.11 of the CEMP.

A copy of the updated plan and changes will be distributed to all relevant stakeholders in accordance with the approved document control procedure – refer to 3.10.2 of the CEMP.

Appendix A – Biodiversity values inspection memo

Date 6/12/2021
To Adam Noonan (Transport for NSW)
From Jane Rodd, Kate Carroll
Subject Cammeray Golf Course site inspection

A biodiversity values inspection was carried out on the Cammeray golf course by Arcadis ecologists Jane Rodd and Kate Carroll on 24 February 2020. The inspection was done as part of the Western Harbour Tunnel & Warringah Freeway Upgrade project (the Project) and assessed a proposed extension to the project footprint as detailed in the project's environmental impact statement (EIS). An additional inspection of the northern and eastern parts of the golf course was conducted by the same personnel on 9 November 2021.

The purpose of the footprint extension is to accommodate a relocated storage dam and reconfigured Cammeray golf course. Field survey methods and assessment were consistent with those detailed in the Project's Biodiversity Development Assessment Report (BDAR) (Arcadis, 2020), Appendix S of the EIS. This memo includes the field survey methods adopted, as well as the results of biodiversity values including assessment for the presence of threatened species and ecological communities, and/or their habitat.

Refer to Figure 1 showing the area of the Cammeray golf assessed for biodiversity value as covered in this memo.

Methods

The site was traversed on foot and notes were made on species present and vegetation condition. Detailed observations were recorded at 13 rapid assessment points (CG01 to CG13) across the site as shown in Figure 1. The potential for occurrence of threatened species or ecological communities was determined by visual assessment of habitat on site, and with reference to published data and database records as assessed in the Project's BDAR.

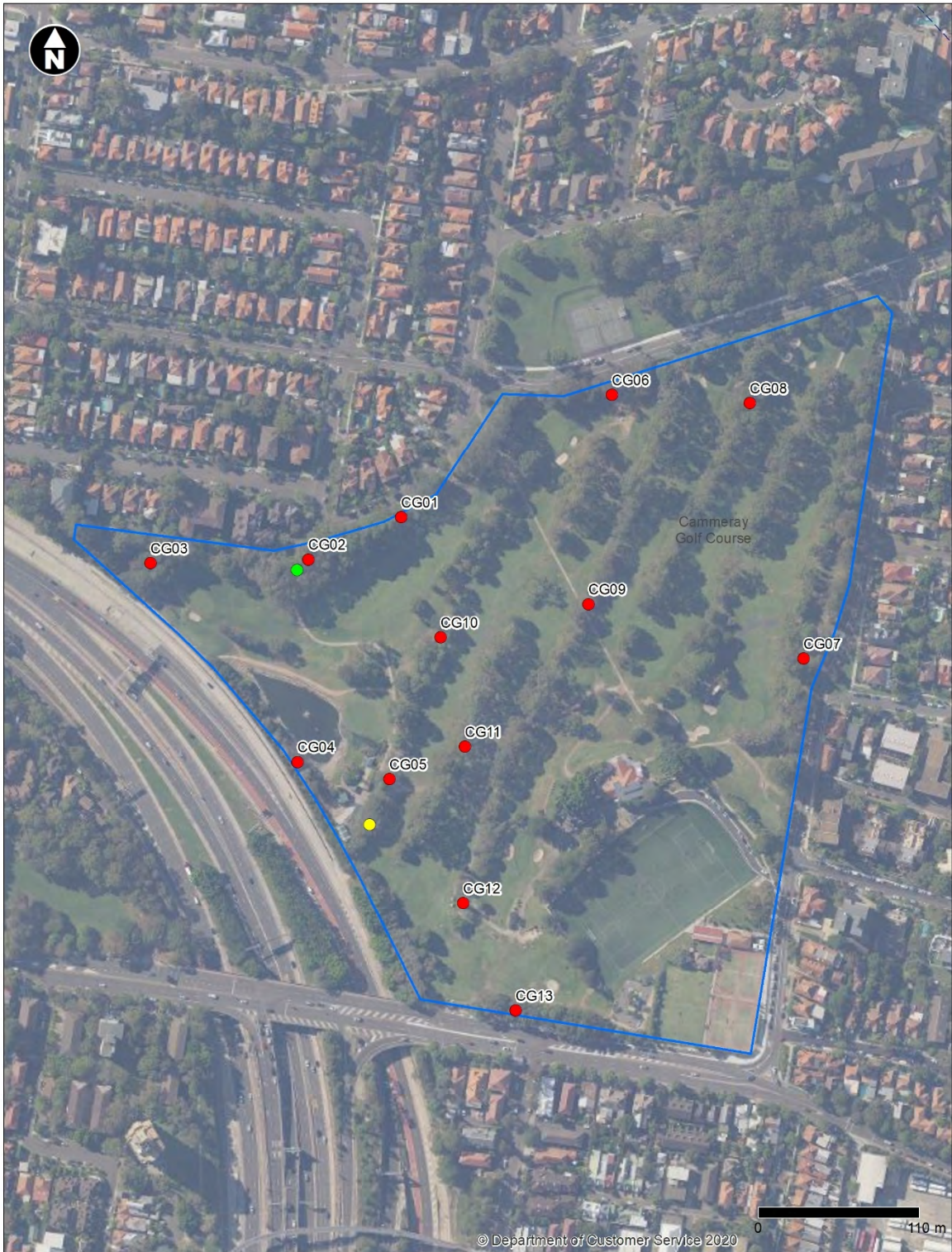
An Arboricultural inspection was carried out by Eco Logical Australia in February 2020 and tree data collected from this inspection was reviewed to complement field inspection results as presented in this memo.

Results

Desktop assessment

A comparison of the 1943 aerial photograph available on SIX viewer (maps.six.nsw.gov.au) with the current aerial photograph (dated 07 April 2018, accessed 13 September 2021) identified that the site was historically devoid of tree cover back in 1943, except for a row of trees adjoining Warringah Road, and appeared to be used as open space (Figure 2). Review of the historical imagery dataset available from the NSW spatial services (accessed 24 September 2021) shows that most of the trees on site were not planted until 1970 or later. Link to this service:

<https://portal.spatial.nsw.gov.au/portal/apps/webappviewer/index.html?id=f7c215b873864d44bccddda8075238cb>.



Legend

- Site boundary
- Rapid assessment points
- *Syzygium paniculatum*
- *Eucalyptus scoparia*

Figure 1 Site boundary and sampling locations



1943



2018

Figure 2 Comparison of 1943 and 2018 aerial photographs

Site inspection

The site consisted of cleared, mown grassland interspersed with stands of planted native and exotic trees, with some horticultural plantings in formalised garden beds. There was a large dam in the west of the site.

Flora observations

The vegetation of the site consisted of rows of mature planted trees with a mown ground layer dominated by exotic grass species. Commonly occurring trees included the Australian native species *Eucalyptus saligna* (Sydney Blue Gum), *Eucalyptus microcorys* (Tallowwood), *Melaleuca quinquenervia* (Broad-leaved Paperbark), *Eucalyptus robusta* (Swamp Mahogany), *Agonis flexuosa* (Willow Myrtle), *Casuarina glauca* (Swamp Oak) and *Acmena smithii* (Lilly Pilly) and the exotic species *Pinus radiata* (Radiata Pine), *Erythrina x sykesii* (Coral Tree), *Jacaranda mimosifolia* (Jacaranda) and *Liquidambar styraciflua* (Sweetgum).

Observations of the vegetation at each of the rapid assessment points sampled within the site are provided in Table 1.


Table 1 Flora observations at rapid assessment points

Location	Notes
<p>CG01</p> 	<p>A row of mature <i>Melaleuca quinquenervia</i> (Broad-leaved Paperbark) was growing inside the fenced golf course boundary, with trees of <i>Eucalyptus microcorys</i> (Tallowwood), <i>Lophostemon confertus</i> (Brush Box), <i>Harpephyllum caffrum</i> (Wild Plum), <i>Cinnamomum camphora</i> (Camphor Laurel) and <i>Angophora costata</i> (Smooth-barked Apple) outside the fence adjoining Warringa Road.</p> <p>Outside the fence, the ground layer consisted of dense cover of <i>Ehrharta erecta</i> (Panic Veldt Grass), <i>Microlaena stipoides</i> (Weeping Grass), <i>Cyperus</i> spp. and <i>Dichondra repens</i> (Kidney Weed). Within the golf course fence, the ground layer was dominated by <i>Ehrharta erecta</i> with some <i>Dichondra repens</i> present.</p>
<p>CG02</p> 	<p>Trees adjoining the end of Warringa Road. Group of eucalypts. included <i>Eucalyptus saligna</i> (Sydney Blue Gum) and <i>Eucalyptus robusta</i> (Swamp Mahogany), <i>Casuarina glauca</i> (Swamp Oak), <i>Ficus</i> sp. and <i>Populus deltoides</i> (Eastern Cottonwood). The ground layer was mainly <i>Ehrharta erecta</i> with some <i>Tradescantia fluminensis</i> (Trad). A group of planted <i>Eucalyptus scoparia</i> (Wallangarra White Gum) are located near this point.</p>
<p>CG03</p> 	<p>The north-western extent of the study area consisted of scattered trees around mown grassland. Trees included <i>Corymbia maculata</i> (Spotted Gum), <i>Eucalyptus saligna</i>, <i>Casuarina glauca</i> and <i>Ficus macrophylla</i> (Moreton Bay Fig) and the exotic trees <i>Erythrina x sykesii</i> (Coral Tree) and <i>Jacaranda mimosifolia</i> (Jacaranda). The ground layer was a mixture of native and exotic grasses, including <i>Cynodon dactylon</i> (Couch), <i>Microlaena stipoides</i>, <i>Ehrharta erecta</i>, <i>Lolium perenne</i> (Perennial Ryegrass) and <i>Megathyrsus maximus</i> (Guinea Grass). Pasture weeds such as <i>Stellaria media</i> (Common Chickweed), <i>Modiola caroliniana</i> (Red-flowered Mallow) and <i>Plantago lanceolata</i> (Plantain) were also common in the ground layer.</p>

Location	Notes
<p>CG04</p> 	<p>Between the dam and the fenceline adjoining Warringah Freeway was an engineered embankment supporting planted native trees and shrubs, including <i>Melaleuca quinquenervia</i>, <i>Angophora costata</i>, <i>Eucalyptus robusta</i>, <i>Casuarina glauca</i>, <i>Callistemon citrinus</i> (Crimson Bottlebrush), <i>Melaleuca styphelioides</i> (Prickly-leaved Tea Tree), <i>Acacia spp.</i>, <i>Leptospermum spp.</i>, as well as the exotic species <i>Ulmus parvifolia</i> (Chinese Elm) and <i>Ficus benjamina</i>.</p>
<p>CG05</p> 	<p>Row planting of the non-local native species <i>Agonis flexuosa</i> (Willow Myrtle) in formal beds adjoining pathway. Ground layer consisted of plantings of <i>Lomandra longifolia</i> (Spiny-headed Mat-rush) as well as the native species <i>Plectranthus argentatus</i> (Silber Plectranthus), <i>Asplenium australicum</i> (Bird's Nest Fern), <i>Viola sp.</i>, <i>Coleus sp.</i>, <i>Calathea sp.</i>, <i>Liriope muscari</i> (Lily Turf) and <i>Agapanthus praecox</i> (Agapanthus).</p>
<p>CG06</p> 	<p>This area consisted of a raised mound with planted horticultural specimens including <i>Doryanthes excelsa</i> (Gynea Lily), <i>Epidendrum radicans</i> (Crucifix Orchid), <i>Grevillea sp.</i>, <i>Dietes grandiflora</i> (Wild Iris), <i>Cyperus sp.</i> and several Palm seedlings. The native shrub <i>Banksia serrata</i> (Old Man Banksia) was growing nearby. To the north of the mound along Cammeray Road were planted rows of <i>Melaleuca quinquenervia</i> and <i>Liquidambar styraciflua</i> (Sweetgum).</p>

Location	Notes
<p>CG07</p> 	<p>Along the eastern boundary of the golf course adjacent to Park Street were mature planted trees including <i>Melaleuca quinquenervia</i>, <i>Eucalyptus robusta</i>, <i>Eucalyptus microcorys</i>, <i>Eucalyptus saligna</i>, <i>Angophora costata</i> and <i>Eucalyptus punctata</i> (Grey Gum). Smaller trees of <i>Erythrina x sykesii</i> and <i>Cupressus leylandii</i> (Leyland Cypress) were also observed. The ground layer comprises mown grassland, with exotic grasses such as <i>Cenchrus clandestinus</i> (Kikuyu), <i>Ehrharta erecta</i> and <i>Bromus catharticus</i> (Prairie Grass) dominant. Some common exotic pasture weeds such as <i>Soliva sessilis</i> (Bindii), <i>Trifolium repens</i> (White Clover), <i>Modiola caroliniana</i> and <i>Taraxacum officinale</i> (Dandelion) were present under trees.</p>
<p>CG08</p> 	<p>Planted mature trees within rows between golf fairways. Species included <i>Eucalyptus microcorys</i>, <i>Eucalyptus sideroxylon</i> (Mugga Ironbark), <i>Eucalyptus saligna</i>, <i>Eucalyptus botryoides</i> (Bangalay), <i>Melaleuca styphelioides</i>, <i>Melaleuca quinquenervia</i>, <i>Lagunaria patersonii</i> (Norfolk Island Hibiscus) and <i>Agonis flexuosa</i>. The ground layer is mown exotic grass, mainly <i>Bromus catharticus</i>, <i>Ehrharta erecta</i> and <i>Poa pratensis</i> (Kentucky Bluegrass).</p>
<p>CG09</p> 	<p>Planted mature trees within rows between golf fairways and next to path, including <i>Agonis flexuosa</i>, <i>Acmena smithii</i>, <i>Melaleuca quinquenervia</i>, <i>Corymbia citriodora</i> (Lemon-scented Gum) and <i>Gleditsia triacanthos</i> (Honey Locust). The ground layer was mown grassland dominated by <i>Poa pratensis</i>.</p>

Location	Notes
<p>CG10</p> 	<p>Planted mature trees within rows between golf fairways, with <i>Lophostemon confertus</i>, <i>Pinus radiata</i> and <i>Tristaniaopsis laurina</i> (Water Gum). The ground layer was reduced under the tree canopy, with patches of bare soil interspersed with mown exotic grasses such as <i>Bromus catharticus</i>, <i>Ehrharta erecta</i>, <i>Axonopus fissifolius</i> (Narrow-leaved Carpet Grass) and <i>Sporobolus africanus</i> (Parramatta Grass) and the native grass <i>Cynodon dactylon</i>.</p>
<p>CG11</p> 	<p>Planted mature trees within rows between golf fairways. Species included <i>Eucalyptus saligna</i>, <i>Eucalyptus botryoides</i>, <i>Agonis flexuosa</i>, <i>Grevillea robusta</i> (Silky Oak) and <i>Lagunaria patersonii</i>. The ground layer consisted of mown grasses, with <i>Poa pratensis</i> and <i>Bromus catharticus</i> dominant. <i>Trifolium repens</i> and <i>Soliva sessilis</i> were also observed to be common.</p>
<p>CG12</p> 	<p>Scattered trees at the southern extent of the golf course, next to a gravel road. Species included <i>Melaleuca linariifolia</i> (Flax-leaved Paperbark), <i>Melaleuca styphelioides</i>, <i>Agonis flexuosa</i>, <i>Araucaria columnaris</i> (Coral Reef Araucaria) and <i>Ulmus glabra</i> 'lutescens' (Golden Elm). The ground layer consisted of mown grasses, with <i>Poa pratensis</i> and <i>Bromus catharticus</i> dominant.</p>

Location	Notes
<p>CG13</p> 	<p>Trees and shrubs adjoining Ernest Street along southern boundary of golf course. This vegetation comprised mature trees of <i>Eucalyptus parramattensis</i> (Parramatta Red Gum), <i>Eucalyptus tereticornis</i> (Forest Red Gum), <i>Eucalyptus robusta</i>, <i>Lophostemon confertus</i>, <i>Ficus rubiginosa</i> (Port Jackson Fig) and <i>Olea europaea</i> subsp. <i>cuspidata</i> (African Olive). The ground layer consisted of dense leaf litter with scattered seedlings, including <i>Phoenix canariensis</i> (Canary Island Date Palm), <i>Cupaniopsis anacardioides</i> (Tuckeroo), <i>Ligustrum lucidum</i> (Large-laved Privet), the exotic grass <i>Ehrharta erecta</i>, and weed cover including <i>Asparagus aethiopicus</i> (Asparagus Fern) and <i>Sida rhombifolia</i> (Paddy's Lucerne).</p>

Fauna observations

The vegetation in the site was subject to regular and ongoing maintenance, with grassland regularly mown. The fauna habitat in the site was fragmented and did not maintain habitat connectivity with any large areas of native vegetation in the wider locality. The surrounding area is highly urbanised and is characterised by high-density residential areas. The Warringah Freeway lies adjacent to the site's western boundary. Narrow tracts of native vegetation are located approximately 150 metres northeast of the site at Primrose Park and Willoughby Creek, however, there is no direct connectivity due to surrounding area being highly urbanised. Habitat connectivity value of the site is low which is consistent with the habitat values outlined in the BDAR.

Fauna species that would occur in these habitats would generally be limited to those highly mobile species which are capable of using small, isolated patches of habitat in a landscape otherwise cleared of native vegetation, and tolerant of disturbances typical of the urban environment (such as light and noise pollution). Flowering and fruiting trees and shrubs were surveyed at the site, which offer foraging, nesting and roosting habitat to bats, birds and arboreal mammals, such as Grey-headed Flying-fox, Australian Magpie (*Cracticus tibicen*), Noisy Miner (*Manorina melanocephala*), Rainbow Lorikeet (*Trichoglossus moluccanus*), Grey Butcherbird (*Cracticus torquatus*), Common Brushtail Possum (*Trichosurus vulpecula*) and Common Ringtail Possum (*Pseudocheirus peregrinus*). Though foraging habitat is present for the Grey-headed Flying-fox, there is no roost camp at the site and as such no breeding habitat present for the species.

One hollow-bearing tree was observed on site located east of rapid assessment point CG10 (see Figure 3). The tree consisted of a large hollow with an entrance greater than 15 centimetres in diameter. The tree was *E. tereticornis* and tagged by an arborist (Truth About Trees) as #1135. There were signs of use around the hollow entrance, and it is most likely occupied by a common urban bird species such as Sulphur-Crested Cockatoo (*Cacatua galerita*). A search was undertaken at the base of the tree for signs of owls and no evidence found. No other hollow-bearing trees were identified during the field surveys. The majority of the other trees on site are planted, mostly within the last 50 years, and as such are unlikely to have formed natural hollows.

Additionally, a possum drey (nest) was identified in a Lilly Pilly during the field surveys. The location of the drey is shown in Figure 3.

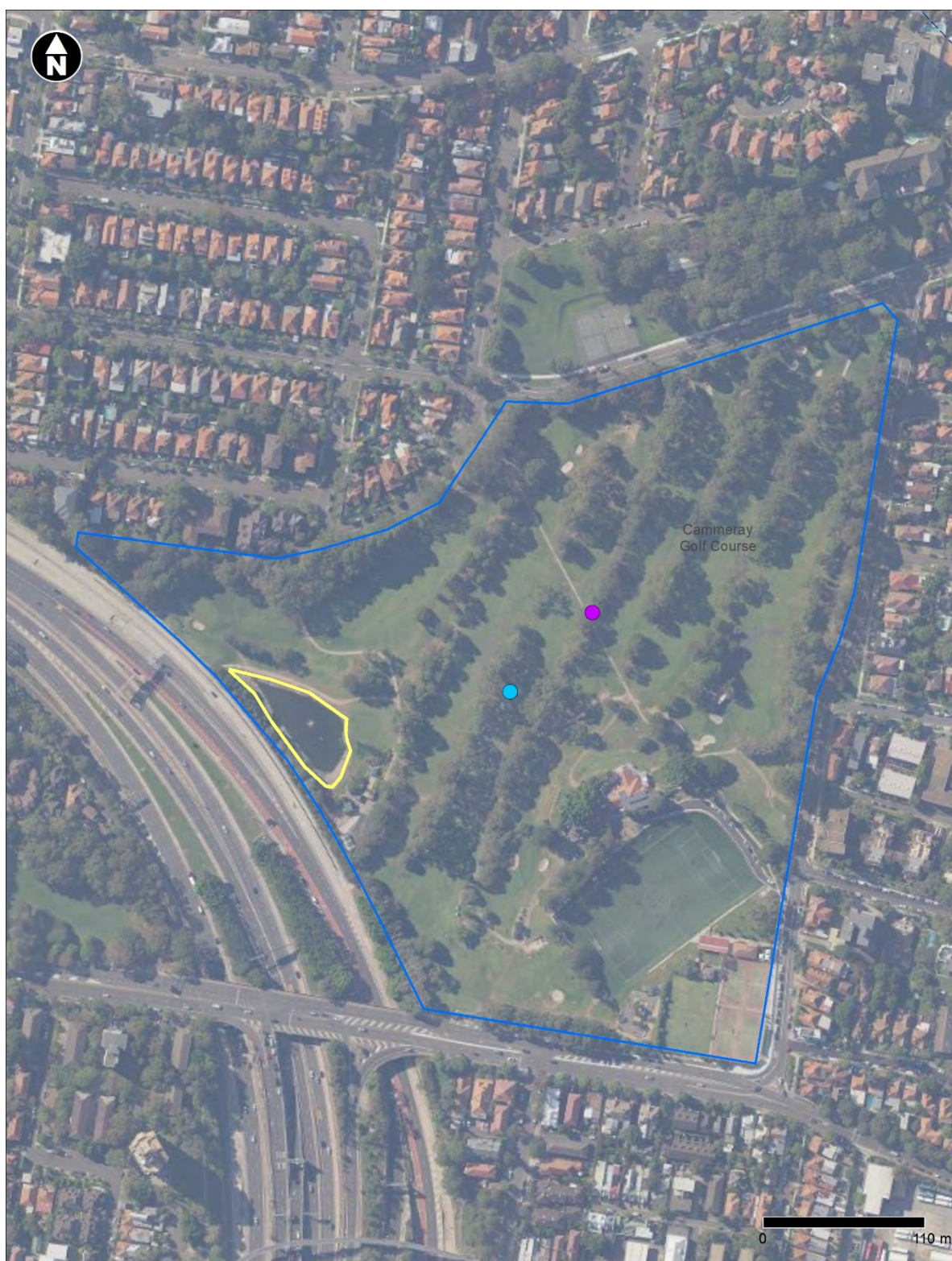
The dam in the west of the site had a black plastic lining, visible in places, and cut sandstone along the edges which were partially or fully submerged. Aquatic vegetation instream and on the dam edge was minimal with *Cyperus eragrostis*, *Persicaria* sp. and *Paspalum dilatatum* recorded. Floating algae

was observed on the dam edge. Adjacent to the dam was mown grass and planted trees and shrubs. The dam provided habitat for native and exotic disturbance-tolerant aquatic fauna (fish), foraging habitat for native and exotic aquatic birds and a water source for local terrestrial fauna, both native and exotic including woodland birds, possums, dogs and foxes. Five bird species were observed in the dam or on the dam foreshore at the time of the site visit, all of which were native species:

- Australian Wood Duck (*Chenonetta jubata*)
- Australian White Ibis (*Threskiornis moluccus*)
- Pacific Black Duck (*Anas superciliosa*)
- Australasian Grebe (*Tachybaptus novaehollandiae*)
- Masked Lapwing (*Vanellus miles*)

It is likely that the above species used the dam for foraging. Due to limited fringing vegetation, breeding in the dam by these species is unlikely.

Mosquito fish (*Gambusia holbrooki*) were observed within the dam during the site visit, and it is likely that other hardy native and/or exotic fish species such as eels, inhabit the dam.



Legend

- | | |
|---|---|
| ▬ Site boundary | ● Possum drey |
| ▬ Dam | ● Hollow-bearing tree |

Figure 3 Fauna features

Conservation values

The site supported planted vegetation, with planted trees in rows and along borders, managed gardens beds and mown or slashed grassland. None of the vegetation was consistent with any threatened ecological communities listed under the Commonwealth *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act) or the NSW *Biodiversity Conservation Act 2016* (BC Act).

The site does not represent suitable habitat for most threatened flora species that would naturally occur in the locality. There are four planted individuals of *Syzygium paniculatum* (Magenta Lilly Pilly), listed as Vulnerable under the EPBC Act and Endangered under the BC Act, at the south-western extent of the site, adjoining a path next to some sheds. There are also several trees of *Eucalyptus scoparia* (Wallangarra White Gum), listed as Vulnerable under the EPBC Act and Endangered under the BC Act, on the north-western boundary of the site.



Plate 1 *Syzygium paniculatum* at the south-west of the site

The individuals of *Syzygium paniculatum* and *Eucalyptus scoparia* in the site are planted specimens in a landscaped area, and do not naturally occur in this location. Both of these species are commonly grown and cultivated in the horticultural industry. The planted individuals are not considered to be of conservation significance and any potential impacts to these plants would not require further assessment.

Due to the limited habitat provided by the vegetation and dam in the site and the urban locality, threatened fauna habitat in the site is likely to be limited to occasional foraging habitat for mobile threatened bird and bat species. The hollow-bearing tree and possum drey are also unlikely to be utilised by threatened fauna species.

Appendix B – Preliminary Tree Assessment



Preliminary Tree Assessment

Cammeray Golf Course

Prepared for: Sydney Program Alliance

Prepared by:

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Date: November 16th, 2021.

Version-2- November 25th, 2021.

1 EXECUTIVE SUMMARY

Truth About Trees Pty Ltd have been engaged by Sydney Program Alliance to provide a preliminary Tree Assessment in accordance with the requirements of AS4970-2009- Protection of Trees on Development Sites.

The Golf Course is to undergo significant changes with the Western Harbour Tunnel and Warringah Freeway Upgrade resulting in the loss of approximately one third of the Golf Course to construction footprint. The loss of this area will result in the need for the Golf Course to be redesigned as a nine (9) hole course, with reconfiguration of the holes and lines of play.

The data collected and provided in this report will provide useful information for the Golf Course designers, as to which trees are suitable for retention and which trees should be removed to facilitate any redesign.

The report will assess all trees as to their health, structure, landscape significance and estimated life expectancy. These assessments will then be used to calculate the retention value of each tree as discussed further in section 4 of this report.

Plans will be provided to show the location of the trees with **‘Tree Protection Zones’ (TPZs)** and **‘Structural Root Zones’ (SRZs)** plotted.

Numerous site visits were conducted between the 1st and 9th of November 2021.

Assessment was undertaken of all trees within the subject property and properties directly adjacent, which had the potential to be impacted upon by any future development.

Whilst the trees are covered by the North Sydney Council DCP, the project is under the control of Transport for NSW (TFNSW) who have requested that the assessment contains all vegetation which meets the definition of a tree within the Australian Standard AS4970-2009-Protection of Trees on Development Sites. AS4970-2009 provides the definition of a tree as a *‘long lived woody perennial plant greater than (or usually greater than) 3 m in height with one or relatively few main stems or trunks (or as defined by the determining authority).’* For the purposes of this report, all vegetation greater than three (3) metres in height has been included within this assessment. The North Sydney Council DCP exemptions (shown below) are not relevant in this particular situation, however, they have still been considered and included, as they provide guidance on specific tree species and priority weeds which are considered as being undesirable within the local government area (LGA), therefore affecting their retention values. The redesign and reconfiguration of the Golf Course will require tree removal, so the information regarding undesirable species will be valuable to assist design considerations.

There are thirteen hundred and thirty-two (1332) trees including groups which met the definition of a tree within AS4970-2009 and were captured as part of this assessment.

There was a total of one hundred and thirty (130) trees of high retention value, six hundred (600) trees of medium retention value, five hundred and twenty-five (525) low retention value trees and seventy-seven (77) trees of very low retention value which included dead trees, priority weeds and structurally defective specimens which were considered as hazardous.

An Excel spreadsheet has been provided with this report to facilitate filtering of specific data.

A Google Earth KMZ file has also be provided with the report which shows tree protection zones and structural root zones of all trees and may be filtered to show retention values of the tree population.

2 CONTENTS

Table of Contents

1	EXECUTIVE SUMMARY	i
2	CONTENTS	ii
3	INTRODUCTION	1
4	METHODOLOGY	2
5	TREES OF HIGH RETENTION VALUE	4
5.1	TREES OF MEDIUM RETENTION VALUE	5
5.2	LOW RETENTION VALUE TREES.....	6
5.3	VERY LOW RETENTION VALUE TREES	7
6	CONCLUSIONS	8
	REFERENCES	9
	DISCLAIMER	10
	APPENDIX 1: TREE ASSESSMENT METHODOLOGY	11
	HEALTH AND VIGOUR ASSESSMENT.....	12
	STRUCTURAL ASSESSMENT.....	12
	TREE PROTECTION ZONE (TPZ) & STRUCTURAL ROOT ZONE (SRZ)CALCULATIONS.....	13
	SIGNIFICANCE OF A TREE, ASSESSMENT RATING SYSTEM (STARS)	14
	APPENDIX 2-TREE SCHEDULE.....	16

3 INTRODUCTION

Truth about trees have been engaged by Sydney Program Alliance to provide a preliminary Tree Assessment in accordance with the requirements of AS4970-2009- Protection of Trees on Development Sites¹.

This preliminary tree assessment is not intended to be a comprehensive report and is in fact more of a ground-truthing report in order to confirm the trees which currently exist on the site. The Golf Course is to undergo significant changes with the Western Harbour Tunnel and Warringah Freeway Upgrade resulting in the loss of approximately one third of the Golf Course to construction footprint. The loss of this area will result in the need for the Golf Course to be redesigned as a nine (9) hole course, with reconfiguration of the holes and lines of play.

The data collected and provided in this report will provide useful information for the Golf Course designers, as to which trees are suitable for retention and which trees should be removed to facilitate any redesign.

The report will assess all trees as to their health, structure, landscape significance and estimated life expectancy. These assessments will then be used to calculate the retention value of each tree as discussed further in section 4 of this report.

Plans will be provided to show the location of the trees with **'Tree Protection Zones' (TPZs)** and **'Structural Root Zones' (SRZs)** plotted.



Figure 1- The subject site and approximate boundaries. Image taken from Near Maps 2021.²

¹ Standards Australia- AS4970-2009- Protection of Trees on Development Sites.

² Near Maps 2021- The location of the subject site. Near Maps

4 METHODOLOGY

Numerous site visits were conducted between the 1st and 9th of November 2021.

Assessment was undertaken of all trees within the subject property and properties directly adjacent, which had the potential to be impacted upon by any future development.

The site is located within the municipality of North Sydney Council LGA.

Whilst the trees are covered by the North Sydney Council DCP, the project is under the control of Transport for NSW (TFNSW) who have requested that the assessment contains all vegetation which meets the definition of a tree within the Australian Standard AS4970-2009-Protection of Trees on Development Sites. AS4970-2009 provides the definition of a tree as a *‘long lived woody perennial plant greater than (or usually greater than) 3 m in height with one or relatively few main stems or trunks (or as defined by the determining authority).’* For the purposes of this report, all vegetation greater than three (3) metres in height has been included within this assessment. The North Sydney Council DCP exemptions (shown below) are not relevant in this particular situation, however, they have still been considered and included, as they provide guidance on specific tree species and priority weeds which are considered as being undesirable within the local government area (LGA), therefore affecting their retention values. The redesign and reconfiguration of the Golf Course will require tree removal, so the information regarding undesirable species will be valuable to assist design considerations.

A Tree Management Permit is NOT required for removal or pruning of trees and vegetation as identified under [SEPP 2017](#) (vegetation in non-rural areas), and [Part B section 16 of our DCP 2013 \(228KB\)](#), and includes:

- Trees or vegetation that are justified to be dead as confirmed in writing by a qualified arborist (minimum AQF Certificate 3) and where the tree or vegetation is not required as the habitat for native animals.
- Pruning of deadwood from a tree or dead fronds from a palm tree.
- Maintenance pruning of trees whereby:
 - no more than 10% of the existing crown volume is removed; and
 - branches no more than 100mm in diameter are removed and those branches are:
 - not located more than 2.4m above ground level where they adjoin the trunk of the tree, or
 - located within 1m of existing buildings (including eaves and gutters); and
 - all work is undertaken in accordance with the Australian Standard for Pruning of Amenity Trees (AS 4373).
- Maintenance pruning of hedges where:
- the hedge is less than 5m in height; or
- the hedge is 5m or greater in height, but only where all work is undertaken in accordance with the Australian Standard for Pruning of Amenity Trees (AS 4373) and must be conducted by a qualified Arborist (minimum AQF Level 3);
- Trees or vegetation identified as a biosecurity risk (formerly known as noxious weeds) under the [NSW Biosecurity Act, 2015](#), except where that tree or vegetation is greater than 10m in height.

The following tree species are identified within the North Sydney Council DCP as being less desirable.

- African Olive Trees (*Olea Africana*);
- Bamboo (*Bambusa* species);
- Box Elder (*Acer negundo*);
- China Doll (*Radermachera sinica*);
- Cocos Palms (*Syagrus romanzoffiana*);
- European Nettle or Hackberry (*Celtis* sp) - except on land identified as a heritage item under [cl.5.10 of NSLEP 2013](#);
- Indian Coral Tree (*Erythrina x sykesii*) - except on land identified as a heritage item under [cl.5.10 of NSLEP 2013](#);
- Privet species (*Ligustrum* sp) - except on land identified as a heritage item under [cl.5.10 of NSLEP 2013](#);

- Rubber Trees (*Ficus elastica*);
- Tree of Heaven (*Ailanthus* sp);
- Umbrella Trees (*Schefflera* sp); or
- Willow Trees (*Salix* spp) - except on land identified as a heritage item under [cl.5.10 of NSLEP 2013](#).

Assessment of the trees was undertaken using the framework of the visual tree assessment procedure (VTA) as prescribed by Mattheck & Breloer 1994.³ (See appendix 1) Tree Protection Zones and Structural Root Zones were calculated in accordance with AS4970-2009- The Protection of Trees on Development Sites⁴(see appendix 1). **Tree Retention Values were determined using the IACA 'Significance of a Tree, Assessment Rating System**⁵(STARS - see appendix 1). A full tree schedule is provided in appendix 2 of this report.

- No internal diagnostic testing has been completed.
- No sub surface root testing or soil testing has been completed unless otherwise specified.
- All observations were made from the ground only.
- Tree heights, canopy spreads and diameters have been estimated.

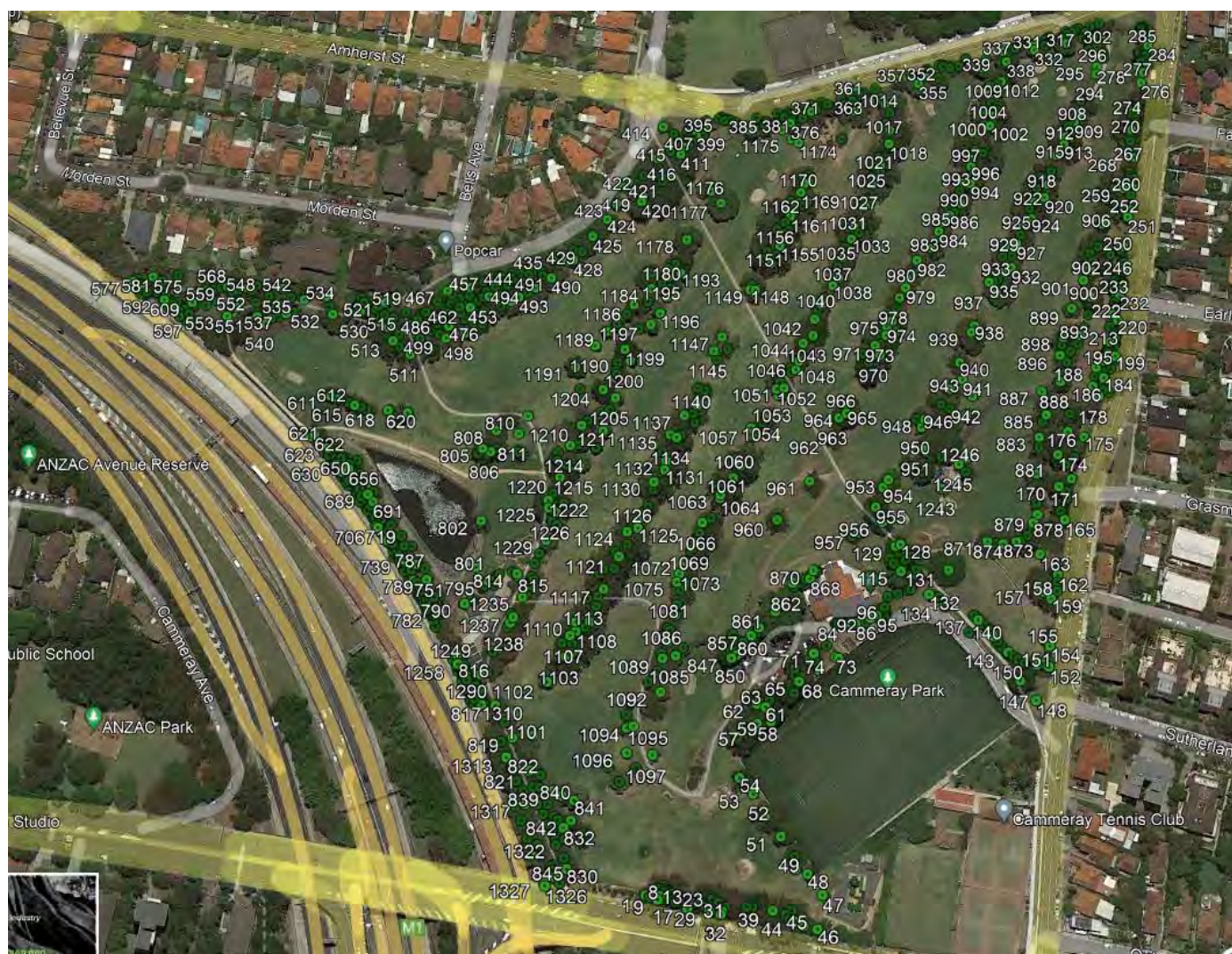


Figure 2- Tree locations shown on image from Google Earth KMZ file-Google Earth.⁶

³ Mattheck & Breloer 1994- The Body Language of Trees.

⁴ Standards Australia- AS4970-2009- The Protection of Trees on Development Sites

⁵ IACA- Significance of a Tree Assessment Rating System- STARS

⁶ Google Earth KMZ- Tree locations plotted with Trimble Geo7x. - Google Earth.

5 TREES OF HIGH RETENTION VALUE

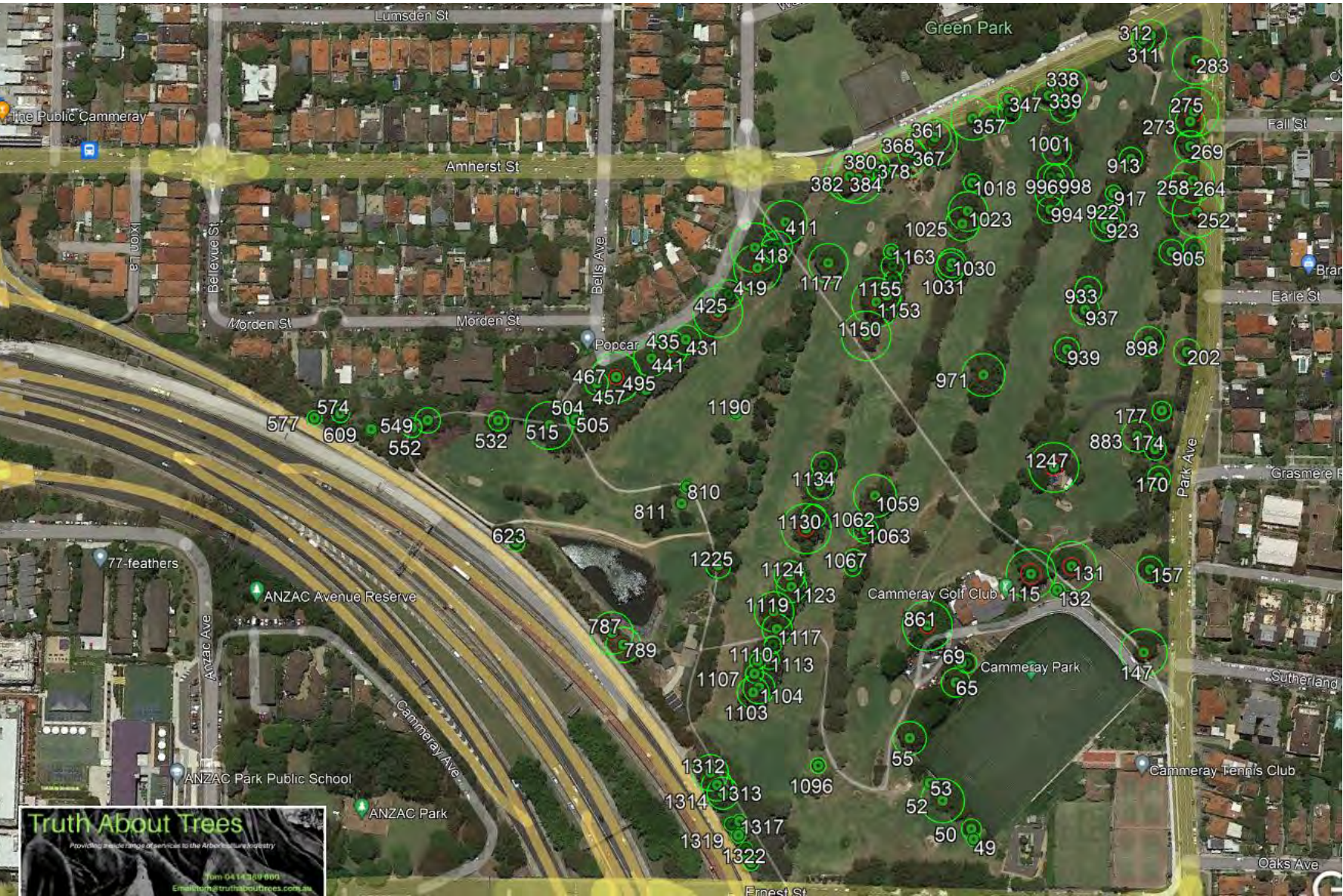


Figure 3- The locations of High retention value trees

5.1 TREES OF MEDIUM RETENTION VALUE

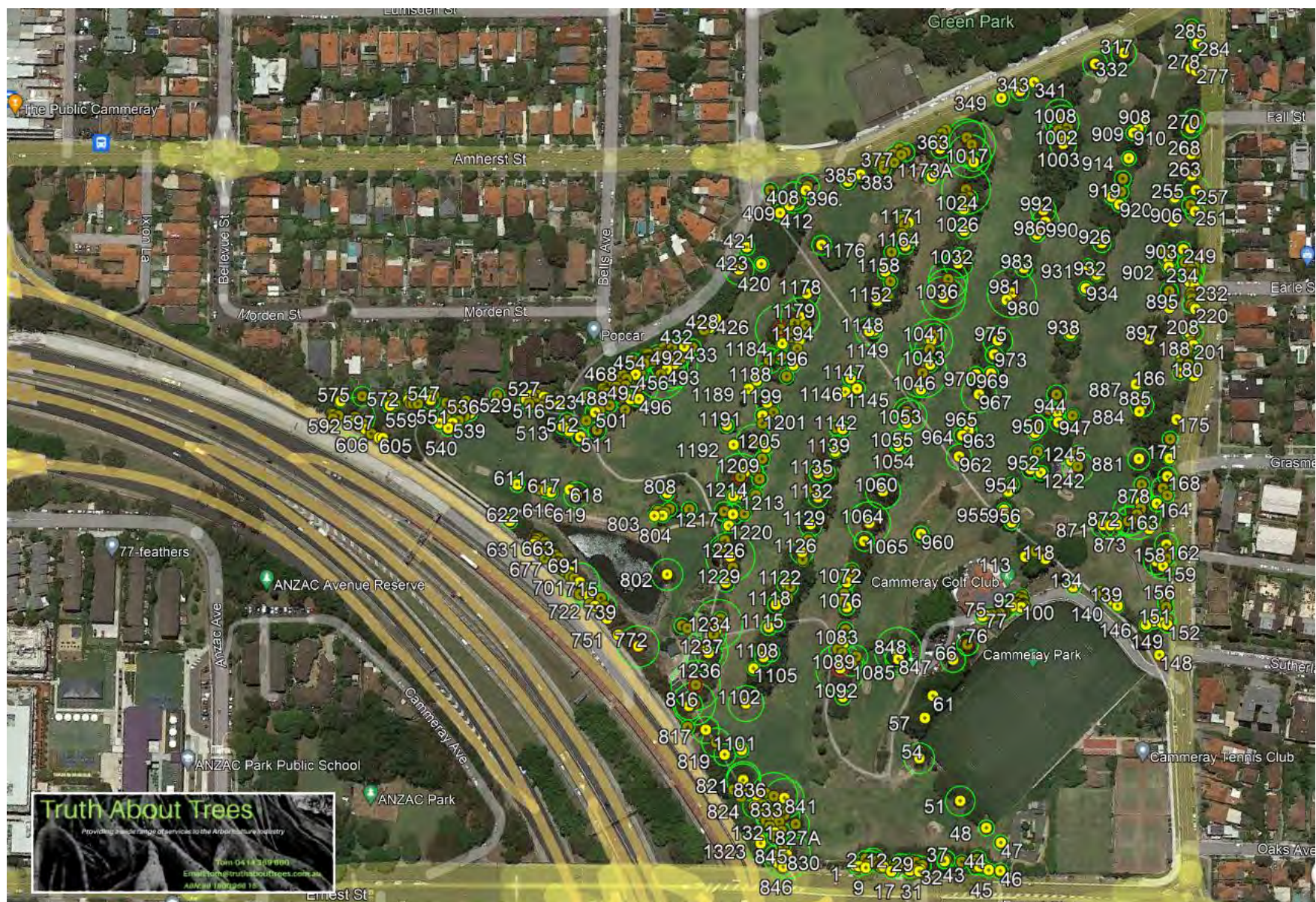


Figure 4- Trees of Medium retention value.



Figure 5- Low retention value trees.

5.3 VERY LOW RETENTION VALUE TREES



Figure 6- Very Low retention value trees.

6 CONCLUSIONS

There are thirteen hundred and thirty-two (1332) trees including groups which met the definition of a tree within AS4970-2009 and were captured as part of this assessment.

A full tree schedule may be found in appendix 2 of this report.

Tree 34 is a group of 3 small *Olea europaea* subsp. *Cuspidata*, whilst tree 590 is a group of 2 small *Melaleuca styphelioides*. The remaining trees were all captured individually. Tags #820 & #1020 were not used in the assessment due to a numbering error. There were four (4) trees which received an alternate number as they were initially missed during tagging, these trees were allocated numbers 827A, 1115A, 1173A & 1232A to maintain consistency in the flow of numbers.

The assessment captured all trees within the Golf Course as well as surrounding trees which are likely North Sydney Council or RMS assets.

A requirement of a preliminary tree assessment is that all trees within the subject site as well as adjacent sites are to be captured to ensure that their tree protection requirements are met during the design phase of the development.

There was a total of one hundred and thirty (130) trees of high retention value, six hundred (600) trees of medium retention value, five hundred and twenty-five (525) low retention value trees and seventy-seven (77) trees of very low retention value which included dead trees, priority weeds and structurally defective specimens which were considered as hazardous.

An Excel spreadsheet will be provided with this report to facilitate filtering of specific data.

A Google Earth KMZ file will also be provided with the report which shows tree protection zones and structural root zones of all trees and may be filtered to show retention values of the tree population.

REFERENCES

- Mattheck, C. & Broeler, H. 1994, *The Body Language of Trees*.
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- Google Earth. 2021. *The location of trees KMZ file*.
Accessed 16/11/21.

DISCLAIMER

The information contained within this report is to be used solely for the purposes that were specified at the time of engagement.

All attempts have been made to ensure the legitimacy of any information which has been gathered in the process of compiling this report, however Truth About Trees Pty Ltd cannot be held liable for inaccurate or misleading information which has been provided by others.

Any tree inspections or assessments which have been carried out for the purposes of this report are valid only at the time of inspection and are based on what could reasonably be seen or diagnosed from a visual inspection carried out from ground level.

All inspections, unless otherwise stated, are based upon Visual Tree Assessment (VTA) techniques, industry best practice and applied knowledge.

No internal diagnostic testing or below ground investigation has been carried out, unless otherwise stated.

Trees are a dynamic living organism and as such they have a finite lifespan the end of which cannot always be predicted or understood, even apparently healthy trees can die suddenly or fall without warning. As such there is no warranty or guarantee provided, or implied, regarding the future risks associated with any tree.

Please feel free to contact me either via telephone or email if you have any questions regarding this report.

Kind regards

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APPENDIX 1: TREE ASSESSMENT METHODOLOGY

VISUAL TREE ASSESSMENT (VTA)

The VTA system is based on the theory of tree biology and physiology, as well as tree architecture and structure. This method is used by arborists to identify visible signs on trees that indicate good health, or potential problems. Symptoms of decay, growth patterns and defects are identified and assessed as to their potential to cause whole-tree, part-tree and/or branch failure. This system (represented by the image below) is based around methods discussed in *'The Body Language of Trees'*¹⁰.

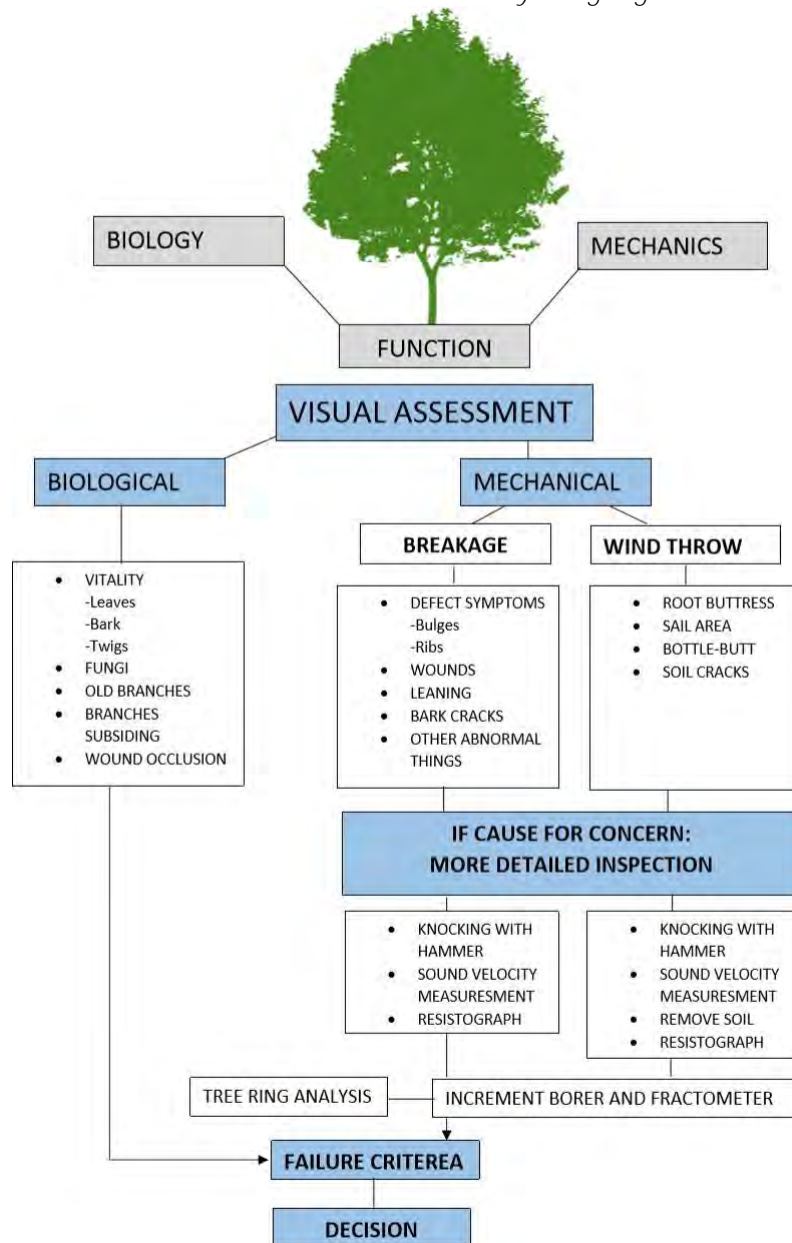


Figure 7- The Visual Tree Assessment Procedure.

For the purpose of this report, elements of the VTA system will be used, along with industry standard literature, and other relevant studies that provide an insight into potential hazards in trees. This assessment is a snapshot of what could be reasonably seen or determined from a basic visual inspection. The VTA system is generally used as a means to identify hazardous trees; however it is important to realize that for a tree to be hazardous there must be a target; a hazard poses no risk if there is no exposure to the hazard.

⁷ Mattheck, C. & Breloer, H. 1994. *The Body Language of Trees*.

HEALTH AND VIGOUR ASSESSMENT

The health and vigour of a tree are assessed by looking at the tree canopy and how it is performing. Certain indicators provide information on which to base the assessment. Abnormally small leaves, chlorosis (yellowing), sparse crown, wilting, and die-back can be signs of ill-health or decline but may also be related to a temporary imbalance due to drought or pest infestations. Epicormic growth can be a sign of stress and low energy reserves but can also be related to increased light levels through the removal or pruning of adjacent trees. Extension growth can be a good indicator of vigour, but this can vary greatly between species and under differing climatic conditions. For these reasons, each individual symptom or observation needs to be assessed with objectivity and consideration of all available information.

STRUCTURAL ASSESSMENT

The structural assessment of trees is carried out using the basic framework of Visual Tree Assessment. Signs and symptoms of defects are assessed to gauge the likelihood of failure, because not every defect constitutes a hazard e.g. *“...co-dominant stems are a structural defect. The severity of the defect is **increased by included bark, large crowns and strong wind.**”*¹¹ If trees were removed purely on the basis that there were defects present without assessing the likelihood of failure or whether practical mitigation measures are available, the urban forest would cease to exist. A basic visual tree assessment is undertaken from ground level, if defects are suspected further investigation may be required and **recommended**. *“[When using] the Visual Tree Assessment (VTA) procedure for assessing trees, as the suspicion increases that defects are present, the examination becomes more thorough and searching.”*¹

*“Some defects, especially some forms of decay, do not give rise to external signs and therefore tend to escape detection in a purely visual survey. If there is no reason for suspecting a hidden defect to occur within a particular part of the tree, there is no reasonable basis for carrying out a detailed internal assessment. Although in theory an unsuspected defect might be detectable by the use of specialized diagnostic devices, this would be impracticable in the absence of some external sign to indicate the place which should be probed. Also, internal examination without good reason is undesirable, as it usually causes injury to the tree and is **unreasonably time consuming and costly.**”*¹²

⁸ Matheny, N. & Clark, J. 1994. *A Photographic Guide to the Evaluation of Hazard Trees in Urban Areas*.

⁹ Lonsdale. 1999. *Principles of Tree Hazard Assessment and Management*.

TREE PROTECTION ZONE (TPZ) & STRUCTURAL ROOT ZONE (SRZ) CALCULATIONS

In accordance with Australian Standard *AS4970-2009 Protection of trees on development sites*¹³, Tree Protection Zone (TPZ) radius is calculated using the following procedure. Diameter of the trunk is measured at approximately 1.4m above ground level; this measurement is referred to as DBH (Diameter at Breast Height). $R_{TPZ} = DBH \times 12$. For multi-stemmed trees the formula used is $R_{TPZ} = \sqrt{[(DBH1)^2 + (DBH2)^2 + (DBH3)^2]}$. The TPZ is measured radially from the centre of the stem and must be protected on all sides.

The Structural Root Zone (SRZ) radius is calculated by measuring the diameter of the stem close to ground level, just above the basal flare. This measurement is taken as D and then used in the following formula: $R_{SRZ} = (D \times 50)^{0.42} \times 0.64$ and becomes the Structural Root Zone, measured radially from the centre of the stem.

It is important to realize that these calculations provide a notional figure only and tree dynamics, form and site conditions will greatly affect these zones, and it is the job of the arborist to interpret the information correctly.

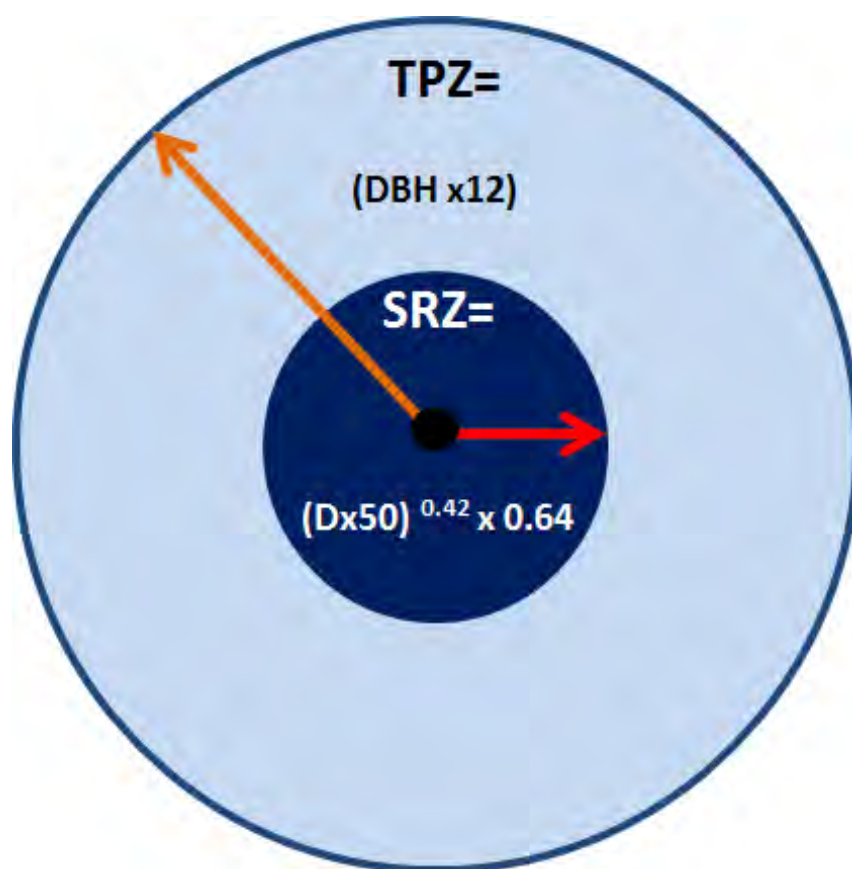


Figure 8 - A representation of TPZ & SRZ calculations.

For palms, cycads, tree ferns, and similar monocots, the TPZ is positioned at least 1m outside the crown projection. SRZs are not applicable to these plant types.

*AS4970-2009*³ states “a TPZ should not be less than 2m nor greater than 15m (except where crown protection is required)” and the minimum radius for an SRZ is 1.5m.

¹³Standards Australia. 2009. *AS4970-2009 Protection of trees on development sites*.

SIGNIFICANCE OF A TREE, ASSESSMENT RATING SYSTEM (STARS)

IACA Significance of a Tree, Assessment Rating System (STARS)© (IACA 2010)©

In the development of this document IACA acknowledges the contribution and original concept of the Footprint Green Tree Significance & Retention Value Matrix, developed by Footprint Green Pty Ltd in June 2001.

The landscape significance of a tree is an essential criterion to establish the importance that a particular tree may have on a site. However, rating the significance of a tree becomes subjective and difficult to ascertain in a consistent and repetitive fashion due to assessor bias. It is therefore necessary to have a rating system utilising structured qualitative criteria to assist in determining the retention value for a tree. To assist this process all definitions for terms used in the *Tree Significance - Assessment Criteria and Tree Retention Value - Priority Matrix*, are taken from the IACA Dictionary for Managing Trees in Urban Environments 2009.

This rating system will assist in the planning processes for proposed works, above and below ground where trees are to be retained on or adjacent a development site. The system uses a scale of *High*, *Medium* and *Low* significance in the landscape. Once the landscape significance of an individual tree has been defined, the retention value can be determined. An example of its use in an Arboricultural report is shown as Appendix A.

Tree Significance - Assessment Criteria



1. High Significance in landscape

- The tree is in good condition and good vigour;
- The tree has a form typical for the species;
- The tree is a remnant or is a planted locally indigenous specimen and/or is rare or uncommon in the local area or of botanical interest or of substantial age;
- The tree is listed as a Heritage Item, Threatened Species or part of an Endangered ecological community or listed on Councils significant Tree Register;
- The tree is visually prominent and visible from a considerable distance when viewed from most directions within the landscape due to its size and scale and makes a positive contribution to the local amenity;
- The tree supports social and cultural sentiments or spiritual associations, reflected by the broader population or community group or has commemorative values;
- The tree's growth is unrestricted by above and below ground influences, supporting its ability to reach dimensions typical for the taxa *in situ* - tree is appropriate to the site conditions.

2. Medium Significance in landscape

- The tree is in fair-good condition and good or low vigour;
- The tree has form typical or atypical of the species;
- The tree is a planted locally indigenous or a common species with its taxa commonly planted in the local area;
- The tree is visible from surrounding properties, although not visually prominent as partially obstructed by other vegetation or buildings when viewed from the street;
- The tree provides a fair contribution to the visual character and amenity of the local area;
- The tree's growth is moderately restricted by above or below ground influences, reducing its ability to reach dimensions typical for the taxa *in situ*.

3. Low Significance in landscape

- The tree is in fair-poor condition and good or low vigour;
- The tree has form atypical of the species;
- The tree is not visible or is partly visible from surrounding properties as obstructed by other vegetation or buildings;
- The tree provides a minor contribution or has a negative impact on the visual character and amenity of the local area;
- The tree is a young specimen which may or may not have reached dimension to be protected by local Tree Preservation orders or similar protection mechanisms and can easily be replaced with a suitable specimen;
- The tree's growth is severely restricted by above or below ground influences, unlikely to reach dimensions typical for the taxa *in situ* - tree is inappropriate to the site conditions;
- The tree is listed as exempt under the provisions of the local Council Tree Preservation Order or similar protection mechanisms;
- The tree has a wound or defect that has potential to become structurally unsound.
- **Environmental Pest / Noxious Weed Species**
 - The tree is an Environmental Pest Species due to its invasiveness or poisonous/ allergenic properties;
 - The tree is a declared noxious weed by legislation;
- **Hazardous/irreversible Decline**
 - The tree is structurally unsound and/or unstable and is considered potentially dangerous;
 - The tree is dead, or is in irreversible decline, or has the potential to fail or collapse in full or part in the immediate to short term.


The tree is to have a minimum of three (3) criteria in a category to be classified in that group.

Note: The assessment criteria are for individual trees only, however, can be applied to a monocultural stand in its entirety e.g. hedge.

IACA 2010, *IACA Significance of a Tree, Assessment Rating System (STARS)*, Institute of Australian Consulting Arboriculturists, www.iaca.org.au

		Significance				
		1. High	2. Medium	3. Low		
		Significance in Landscape	Significance in Landscape	Significance in Landscape	Environmental Pest / Noxious Weed Species	Hazardous / Irreversible Decline
Estimated Life Expectancy	1. Long >40 years					
	2. Medium 15-40 Years					
	3. Short <1-15 Years					
	Dead					

Legend for Matrix Assessment



	Priority for Retention (High) - These trees are considered important for retention and should be retained and protected. Design modification or re-location of building/s should be considered to accommodate the setbacks as prescribed by the Australian Standard AS4970 <i>Protection of trees on development sites</i> . Tree sensitive construction measures must be implemented e.g. pier and beam etc if works are to proceed within the Tree Protection Zone.
	Consider for Retention (Medium) - These 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 have been considered and exhausted.
	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.
	Priority for Removal - These trees are considered hazardous, or in irreversible decline, or weeds and should be removed irrespective of development.

USE OF THIS DOCUMENT AND REFERENCING

The IACA Significance of a Tree, Assessment Rating System (STARS) is free to use, but only in its entirety and must be cited as follows:

IACA, 2010, *IACA Significance of a Tree, Assessment Rating System (STARS)*, Institute of Australian Consulting Arboriculturists, Australia, www.iaca.org.au

REFERENCES

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IACA 2010, *IACA Significance of a Tree, Assessment Rating System (STARS)*, Institute of Australian Consulting Arboriculturists, www.iaca.org.au

APPENDIX 2-TREE SCHEDULE

Tree no.	Botanical name	Common name	Height (m)	Spread(m)	DBH (mm)	DAB (mm)	TPZ (mm)	SRZ (mm)	Vigour	Maturity	Structure	Defects	Landscape sig.	Life Expectancy	Retention value	Comments
1	<i>Lophostemon confertus</i>	Brush Box	6	5	340	440	4080	2344	Good	Semi-mature	Fair	Poor tree form	Low	Medium	Medium	
2	<i>Eucalyptus microcorys</i>	Tallowwood	14	7	480	750	5760	2933	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
3	<i>Angophora costata</i>	Sydney Red Gum	18	12	450	490	5400	2453	Good	Mature	Fair	Poor tree form	Medium	Medium	Medium	
4	<i>Ficus rubiginosa</i>	Port Jackson Fig	3	4	180	220	2160	1752	Good	Juvenile	Fair	Poor tree form	Low	Medium	Low	
5	<i>Olea europaea subsp. cuspidata</i>	Wild Olive	4	3	100	120	2000	1500	Good	Juvenile	Fair	Poor tree form	Low	Remove	Very low	
6	<i>Angophora costata</i>	Sydney Red Gum	12	12	400	450	4800	2366	Good	Mature	Poor	Poor tree form	Low	Medium	Medium	
7	<i>Eucalyptus punctata</i>	Grey Gum	18	15	570	660	6840	2779	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
8	<i>Eucalyptus microcorys</i>	Tallowwood	14	8	400	500	4800	2474	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
9	<i>Eucalyptus robusta</i>	Swamp Mahogany	9	8	340	400	4080	2252	Good	Semi-mature	Fair	No significant defects noted	Medium	Medium	Medium	
10	<i>Ficus rubiginosa</i>	Port Jackson Fig	7	12	450	430	5400	2322	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
11	<i>Eucalyptus microcorys</i>	Tallowwood	12	6	330	425	3960	2310	Fair	Mature	Fair	No significant defects noted	Low	Medium	Medium	
12	<i>Lophostemon confertus</i>	Brush Box	6	4	300	360	3600	2155	Fair	Semi-mature	Fair	No significant defects noted	Low	Medium	Medium	
13	<i>Eucalyptus microcorys</i>	Tallowwood	3	2	40	70	2000	1500	Good	Juvenile	Good	No significant defects noted	Low	Long	Medium	
14	<i>Eucalyptus microcorys</i>	Tallowwood	4	3	75	135	2000	1500	Good	Juvenile	Good	No significant defects noted	Low	Long	Medium	
15	<i>Lophostemon confertus</i>	Brush Box	8	6	335	375	4020	2192	Fair	Mature	Good	No significant defects noted	Medium	Medium	Medium	
16	<i>Eucalyptus punctata</i>	Grey Gum	8	5	300	350	3600	2129	Poor	Mature	Fair	No significant defects noted	Low	Short	Low	
17	<i>Lophostemon confertus</i>	Brush Box	8	7	360	395	4320	2240	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
18	<i>Eucalyptus punctata</i>	Grey Gum	7	3	150	190	2000	1647	Fair	Juvenile	Fair	Suppressed	Low	Medium	Medium	
19	<i>Olea europaea subsp. cuspidata</i>	Wild Olive	3	3	125	240	2000	1817	Good	Juvenile	Fair	Suppressed	Low	Remove	Very low	
20	<i>Lophostemon confertus</i>	Brush Box	10	6	260	335	3120	2091	Fair	Semi-mature	Fair	No significant defects noted	Low	Medium	Medium	
21	<i>Olea europaea subsp. cuspidata</i>	Wild Olive	3	3	140	200	2000	1683	Good	Juvenile	Fair	No significant defects noted	Low	Remove	Very low	

Tree no.	Botanical name	Common name	Height (m)	Spread(m)	DBH (mm)	DAB (mm)	TPZ (mm)	SRZ (mm)	Vigour	Maturity	Structure	Defects	Landscape sig.	Life Expectancy	Retention value	Comments
22	<i>Eucalyptus punctata</i>	Grey Gum	9	7	320	375	3840	2192	Good	Semi-mature	Fair	Suppressed	Low	Medium	Medium	
23	<i>Eucalyptus microcorys</i>	Tallowwood	14	11	585	800	7020	3013	Good	Mature	Fair	Previous failures	Medium	Medium	Medium	
24	<i>Eucalyptus microcorys</i>	Tallowwood	8	6	345	385	4140	2216	Fair	Semi-mature	Fair	No significant defects noted	Low	Medium	Medium	
25	<i>Olea europaea subsp. cuspidata</i>	Wild Olive	3	2	50	100	2000	1500	Good	Juvenile	Fair	No significant defects noted	Low	Remove	Very low	
26	<i>Lophostemon confertus</i>	Brush Box	5	4	200	240	2400	1817	Fair	Juvenile	Fair	No significant defects noted	Low	Medium	Medium	
27	<i>Ficus rubiginosa</i>	Port Jackson Fig	4	4	340	370	4080	2180	Good	Juvenile	Fair	No significant defects noted	Low	Medium	Medium	
28	<i>Eucalyptus robusta</i>	Swamp Mahogany	4	4	220	300	2640	1996	Poor	Juvenile	Fair	Die back general	Low	Short	Low	
29	<i>Eucalyptus microcorys</i>	Tallowwood	17	12	380	420	4560	2299	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
30	<i>Eucalyptus microcorys</i>	Tallowwood	4	2	65	80	2000	1500	Good	Juvenile	Good	No significant defects noted	Low	Long	Medium	
31	<i>Eucalyptus microcorys</i>	Tallowwood	5	2	100	135	2000	1500	Good	Mature	Good	No significant defects noted	Low	Medium	Medium	
32	<i>Eucalyptus microcorys</i>	Tallowwood	3	2	40	60	2000	1500	Good	Juvenile	Good	No significant defects noted	Low	Long	Medium	
33	<i>Eucalyptus microcorys</i>	Tallowwood	16	15	460	600	5520	2670	Fair	Mature	Fair	No significant defects noted	Low	Medium	Medium	
34	<i>Olea europaea subsp. Cuspidata x3</i>	Wild Olive	3	3	50	100	2000	1500	Good	Juvenile	Fair	No significant defects noted	Low	Remove	Very low	
35	<i>Eucalyptus robusta</i>	Swamp Mahogany	12	9	370	415	4440	2287	Good	Mature	Fair	Suppressed	Low	Medium	Medium	
36	<i>Eucalyptus robusta</i>	Swamp Mahogany	6	7	300	350	3600	2129	Fair	Semi-mature	Poor		Low	Short	Low	
37	<i>Eucalyptus microcorys</i>	Tallowwood	20	8	380	600	4560	2670	Good	Mature	Fair		Medium	Medium	Medium	
38	<i>Eucalyptus microcorys</i>	Tallowwood	15	8	450	585	5400	2642	Fair	Mature	Fair		Medium	Medium	Medium	
39	<i>Eucalyptus robusta</i>	Swamp Mahogany	10	6	350	440	4200	2344	Good	Mature	Poor	Poor tree form	Medium	Medium	Medium	
40	<i>Eucalyptus robusta</i>	Swamp Mahogany	10	6	350	440	4200	2344	Good	Mature	Poor	Poor tree form	Medium	Medium	Medium	
41	<i>Eucalyptus robusta</i>	Swamp Mahogany	10	6	450	550	5400	2575	Good	Mature	Poor	Poor tree form	Medium	Medium	Medium	
42	<i>Eucalyptus microcorys</i>	Tallowwood	20	9	400	550	4800	2575	Good	Mature	Fair		Medium	Medium	Medium	
43	<i>Eucalyptus robusta</i>	Swamp Mahogany	9	5	350	400	4200	2252	Good	Mature	Poor		Medium	Medium	Medium	

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44	<i>Eucalyptus robusta</i>	Swamp Mahogany	15	8	400	550	4800	2575	Fair	Mature	Fair		Medium	Medium	Medium	
45	<i>Lophostemon confertus</i>	Brush Box	7	8	360	435	4320	2333	Good	Semi-mature	Fair		Medium	Medium	Medium	
46	<i>Ficus macrophylla</i>	Moreton Bay Fig	8	12	400	650	4800	2762	Good	Mature	Fair		Medium	Medium	Medium	
47	<i>Ficus rubiginosa</i>	Port Jackson Fig	5	6	385	450	4620	2366	Fair	Semi-mature	Fair	No significant defects noted	Medium	Medium	Medium	
48	<i>Ficus rubiginosa</i>	Port Jackson Fig	6	5	400	450	4800	2366	Poor	Semi-mature	Fair	Die back general	Medium	Medium	Medium	
49	<i>Araucaria columnaris</i>	Cook Pine	13	6	340	385	4080	2216	Good	Mature	Good	No significant defects noted	Medium	Long	High	
50	<i>Ficus rubiginosa</i>	Port Jackson Fig	8	12	500	600	6000	2670	Good	Mature	Good	No significant defects noted	Medium	Long	High	
51	<i>Ficus rubiginosa</i>	Port Jackson Fig	8	13	750	850	9000	3091	Fair	Mature	Good	No significant defects noted	Medium	Medium	Medium	
52	<i>Ficus rubiginosa</i>	Port Jackson Fig	13	18	1100	1150	13200	3509	Fair	Mature	Good	No significant defects noted	High	Medium	High	
53	<i>Angophora costata</i>	Sydney Red Gum	12	6	300	365	3600	2167	Good	Semi-mature	Good	No significant defects noted	Medium	Long	High	
54	<i>Ficus rubiginosa</i>	Port Jackson Fig	12	6	770	850	9240	3091	Fair	Mature	Good	No significant defects noted	Medium	Medium	Medium	
55	<i>Eucalyptus microcorys</i>	Tallowwood	21	14	840	1080	10080	3418	Good	Mature	Good	No significant defects noted	High	Long	High	
56	<i>Olea europaea subsp. cuspidata</i>	Wild Olive	4	3	130	160	2000	1533	Good	Juvenile	Fair	No significant defects noted	Low	Remove	Very low	
57	<i>Phoenix canariensis</i>	Canary Island Date Palm	4	4	400	450	3000	3000	Good	Juvenile	Good	No significant defects noted	Low	Long	Medium	
58	<i>Erythrina x sykesii</i>	Coral Tree	16	16	1400	1350	15000	3754	Good	Mature	Poor	Previous failures	Medium	Short	Low	
59	<i>Erythrina x sykesii</i>	Coral Tree	15	11	1200	1400	14400	3812	Poor	Mature	Poor	Evidence of Decay	Medium	Short	Low	
60	<i>Erythrina x sykesii</i>	Coral Tree	17	12	1250	1400	15000	3812	Good	Mature	Poor	Evidence of Decay	Medium	Short	Low	
61	<i>Celtis sinensis</i>	Chinese Hackberry	8	6	220	275	2640	1924	Good	Semi-mature	Good	Evidence of Decay	Low	Medium	Medium	
62	<i>Celtis sinensis</i>	Chinese Hackberry	5	3	130	160	2000	1533	Good	Juvenile	Good	No significant defects noted	Low	Medium	Low	
63	<i>Callistemon viminalis</i>	Weeping Bottlebrush	4	4	200	300	2400	1996	Fair	Semi-mature	Fair	Suppressed	Low	Medium	Low	
64	<i>Erythrina x sykesii</i>	Coral Tree	19	16	1850	3000	15000	5250	Good	Mature	Fair	Evidence of Decay	High	Short	Low	
65	<i>Eucalyptus microcorys</i>	Tallowwood	20	16	720	950	8640	3239	Good	Mature	Good	No significant defects noted	High	Medium	High	

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66	<i>Eucalyptus microcorys</i>	Tallowwood	16	9	630	800	7560	3013	Good	Mature	Fair	Suppressed	Medium	Medium	Medium	
67	<i>Elaeocarpus reticulatus</i>	Blueberry Ash	4	3	235	26	2820	1500	Poor	Semi-mature	Fair	Suppressed	Low	Short	Low	
68	<i>Elaeocarpus reticulatus</i>	Blueberry Ash	4	4	265	325	3180	2064	Dead	Mature	Fair	Suppressed	Low	Short	Low	
69	<i>Brachychiton acerifolia</i>	Flame Tree	9	4	310	330	3720	2077	Good	Mature	Good	No significant defects noted	Medium	Long	High	
70	<i>Eucalyptus microcorys</i>	Tallowwood	16	10	500	780	6000	2981	Good	Mature	Fair	No significant defects noted	Medium	Long	High	
71	<i>Eucalyptus microcorys</i>	Tallowwood	5	6	550	1100	6600	3445	Good	Mature	Poor	Suppressed, lopped	Low	Medium	Medium	Poor previous pruning
72	<i>Olea europaea subsp. cuspidata</i>	Wild Olive	3	3	200	250	2400	1849	Good	Juvenile	Fair	No significant defects noted	Low	Remove	Very low	
73	<i>Olea europaea subsp. cuspidata</i>	Wild Olive	3	3	220	300	2640	1996	Good	Juvenile	Fair	No significant defects noted	Low	Remove	Very low	
74	<i>Olea europaea subsp. cuspidata</i>	Wild Olive	4	4	220	300	2640	1996	Good	Juvenile	Fair	No significant defects noted	Low	Remove	Very low	
75	<i>Cupressocyparis leylandii</i>	Leighton Green	9	2	380	460	4560	2388	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
76	<i>Cupressocyparis leylandii</i>	Leighton Green	9	1	160	185	2000	1629	Fair	Semi-mature	Fair	No significant defects noted	Low	Medium	Medium	
77	<i>Cupressocyparis leylandii</i>	Leighton Green	9	3	350	380	4200	2204	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
78	<i>Cupressocyparis leylandii</i>	Leighton Green	9	2	200	230	2400	1785	Good	Semi-mature	Fair	No significant defects noted	Medium	Medium	Medium	
79	<i>Cupressocyparis leylandii</i>	Leighton Green	9	2	200	230	2400	1785	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
80	<i>Cupressocyparis leylandii</i>	Leighton Green	4	1	85	100	2000	1500	Poor	Juvenile	Fair	No significant defects noted	Low	Short	Low	
81	<i>Cupressocyparis leylandii</i>	Leighton Green	10	3	365	400	4380	2252	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
82	<i>Cupressocyparis leylandii</i>	Leighton Green	6	3	215	240	2580	1817	Good	Semi-mature	Fair	No significant defects noted	Low	Medium	Medium	
83	<i>Cupressocyparis leylandii</i>	Leighton Green	5	2	150	170	2000	1572	Fair	Semi-mature	Fair	No significant defects noted	Low	Short	Low	
84	<i>Cupressocyparis leylandii</i>	Leighton Green	9	3	300	335	3600	2091	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
85	<i>Cupressocyparis leylandii</i>	Leighton Green	5	2	140	150	2000	1500	Poor	Mature	Fair	No significant defects noted	Low	Short	Low	
86	<i>Cupressocyparis leylandii</i>	Leighton Green	9	3	260	285	3120	1953	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
87	<i>Cupressocyparis leylandii</i>	Leighton Green	9	3	260	285	3120	1953	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
88	<i>Cupressocyparis leylandii</i>	Leighton Green	9	3	260	285	3120	1953	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	

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89	<i>Cupressocyparis leylandii</i>	Leighton Green	9	4	260	285	3120	1953	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
90	<i>Cupressocyparis leylandii</i>	Leighton Green	8	4	360	400	4320	2252	Fair	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
91	<i>Cupressocyparis leylandii</i>	Leighton Green	4	3	200	255	2400	1864	Fair	Semi-mature	Fair	No significant defects noted	Low	Short	Low	
92	<i>Cupressocyparis leylandii</i>	Leighton Green	9	3	360	415	4320	2287	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
93	<i>Cupressocyparis leylandii</i>	Leighton Green	4	2	150	180	2000	1611	Good	Juvenile	Fair	No significant defects noted	Low	Medium	Low	
94	<i>Dracaena marginata</i>	Dragon Tree	4	3	200	300	2500	2500	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
95	<i>Grevillea robusta</i>	Silky Oak	17	12	575	880	6900	3136	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
96	<i>Cupressocyparis leylandii</i>	Leighton Green	9	3	255	285	3060	1953	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
97	<i>Cupressocyparis leylandii</i>	Leighton Green	4	3	130	155	2000	1512	Fair	Juvenile	Fair	No significant defects noted	Low	Medium	Low	
98	<i>Cupressocyparis leylandii</i>	Leighton Green	6	3	180	230	2160	1785	Good	Semi-mature	Fair	No significant defects noted	Low	Medium	Medium	
99	<i>Cupressocyparis leylandii</i>	Leighton Green	4	3	130	160	2000	1533	Fair	Semi-mature	Fair	No significant defects noted	Low	Medium	Low	
100	<i>Cupressocyparis leylandii</i>	Leighton Green	7	3	260	285	3120	1953	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
101	<i>Cupressocyparis leylandii</i>	Leighton Green	7	3	260	285	3120	1953	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
102	<i>Cupressocyparis leylandii</i>	Leighton Green	7	3	260	285	3120	1953	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
103	<i>Cupressocyparis leylandii</i>	Leighton Green	9	4	360	400	4320	2252	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
104	<i>Cupressocyparis leylandii</i>	Leighton Green	9	4	255	275	3060	1924	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
105	<i>Cupressocyparis leylandii</i>	Leighton Green	8	3	200	275	2400	1924	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
106	<i>Cupressocyparis leylandii</i>	Leighton Green	7	3	340	385	4080	2216	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
107	<i>Ficus benjamina</i>	Weeping Fig	4	4	285	315	3420	2037	Good	Mature	Fair	Pleached specimen	Medium	Medium	Low	Pleached specimen
108	<i>Murraya paniculata</i>	Mock Orange	3	3	300	350	3600	2129	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	Hedged specimen
109	<i>Ficus benjamina</i>	Weeping Fig	3	2	200	245	2400	1833	Fair	Juvenile	Fair	No significant defects noted	Low	Short	Low	
110	<i>Dracaena marginata</i>	Dragon Tree	3	2	150	230	1500	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	

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111	<i>Ligustrum lucidum</i>	Large Leaf Privet	6	4	300	350	3600	2129	Good	Mature	Fair	No significant defects noted	Low	Remove	Very low	
112	<i>Cinnamomum camphora</i>	Camphor Laurel	8	4	300	350	3600	2129	Fair	Juvenile	Fair	No significant defects noted	Low	Short	Low	Not tagged due to unstable ground
113	<i>Ficus microcarpa</i> var. <i>hillii</i>	Hills Fig	4	4	230	300	2760	1996	Good	Juvenile	Fair	No significant defects noted	Low	Long	Medium	
114	<i>Ligustrum lucidum</i>	Large Leaf Privet	3	4	150	250	2000	1849	Fair	Juvenile	Fair	Poor tree form	Low	Remove	Very low	
115	<i>Ficus microcarpa</i> var. <i>hillii</i>	Hills Fig	22	30	3000	4500	15000	6224	Good	Mature	Fair	Bark Inclusion	High	Long	High	
116	<i>Cinnamomum camphora</i>	Camphor Laurel	4	2	100	150	2000	1500	Good	Juvenile	Fair	No significant defects noted	Low	Short	Low	
117	<i>Archontophoenix cunninghamiana</i>	Bangalow Palm	5	3	210	300	2500	2500	Good	Semi-mature	Fair	No significant defects noted	Low	Medium	Low	
118	<i>Ficus rubiginosa</i>	Port Jackson Fig	4	3	250	300	3000	1996	Good	Juvenile	Fair	No significant defects noted	Low	Medium	Medium	Growing out of rock wall
119	<i>Archontophoenix alexandrae</i>	Alexander Palm	4	3	150	300	2500	2500	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
120	<i>Howea forsteriana</i>	Kentia Palm	4	3	200	300	2400	1996	Good	Semi-mature	Fair	No significant defects noted	Low	Medium	Low	
121	<i>Archontophoenix alexandrae</i>	Alexander Palm	4	3	120	200	2500	2500	Good	Juvenile	Fair	No significant defects noted	Low	Medium	Low	
122	<i>Celtis sinensis</i>	Chinese Hackberry	4	3	110	145	2000	1500	Good	Juvenile	Fair	No significant defects noted	Low	Remove	Very low	
123	<i>Phoenix canariensis</i>	Canary Island Date Palm	3	4	400	450	3000	3000	Good	Juvenile	Fair	No significant defects noted	Low	Medium	Low	Not tagged due to unstable ground.
124	<i>Cinnamomum camphora</i>	Camphor Laurel	8	4	300	350	3600	2129	Good	Juvenile	Fair	No significant defects noted	Low	Medium	Medium	Not tagged due to unstable ground
125	<i>Ficus rubiginosa</i>	Port Jackson Fig	4	2	100	140	2000	1500	Fair	Juvenile	Fair	No significant defects noted	Low	Short	Low	
126	<i>Celtis sinensis</i>	Chinese Hackberry	5	4	150	180	2000	1611	Fair	Semi-mature	Fair	No significant defects noted	Low	Short	Low	Not tagged due to unstable ground.
127	<i>Celtis sinensis</i>	Chinese Hackberry	5	4	150	180	2000	1611	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	Not tagged due to unstable ground.
128	<i>Ficus rubiginosa</i>	Port Jackson Fig	3	3	150	200	2000	1683	Fair	Juvenile	Fair	No significant defects noted	Low	Short	Low	
129	<i>Celtis sinensis</i>	Chinese Hackberry	16	15	550	800	6600	3013	Good	Mature	Fair	Poor tree form	Medium	Short	Low	
130	<i>Cinnamomum camphora</i>	Camphor Laurel	4	3	100	250	2000	1849	Good	Juvenile	Fair	Poor tree form	Low	Short	Low	
131	<i>Ficus rubiginosa</i>	Port Jackson Fig	10	20	2500	3100	15000	5323	Good	Mature	Fair	No significant defects noted	High	Long	High	
132	<i>Brachychiton acerifolia</i>	Flame Tree	12	4	370	390	4440	2228	Good	Mature	Fair	No significant defects noted	Medium	Long	High	
133	<i>Brachychiton acerifolia</i>	Flame Tree	5	3	250	300	3000	1996	Good	Mature	Fair	No significant defects noted	Medium	Medium	Low	

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134	<i>Brachychiton acerifolia</i>	Flame Tree	7	4	400	455	4800	2377	Fair	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
135	<i>Brachychiton acerifolia</i>	Flame Tree	5	3	280	315	3360	2037	Good	Semi-mature	Fair	No significant defects noted	Medium	Medium	Low	
136	<i>Melaleuca bracteata</i>	Black Tea Tree	6	6	320	430	3840	2322	Good	Mature	Fair	No significant defects noted	Low	Medium	Medium	
137	<i>Melaleuca bracteata</i>	Black Tea Tree	6	6	320	430	3840	2322	Good	Mature	Fair	No significant defects noted	Low	Medium	Medium	
138	<i>Melaleuca bracteata</i>	Black Tea Tree	6	6	320	430	3840	2322	Good	Mature	Fair	No significant defects noted	Low	Medium	Medium	
139	<i>Melaleuca bracteata</i>	Black Tea Tree	6	6	320	430	3840	2322	Good	Mature	Fair	No significant defects noted	Low	Medium	Medium	
140	<i>Melaleuca bracteata</i>	Black Tea Tree	6	6	320	430	3840	2322	Good	Mature	Fair	No significant defects noted	Low	Medium	Medium	
141	<i>Melaleuca bracteata</i>	Black Tea Tree	5	5	400	445	4800	2355	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
142	<i>Melaleuca bracteata</i>	Black Tea Tree	5	5	400	445	4800	2355	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
143	<i>Melaleuca bracteata</i>	Black Tea Tree	5	5	400	445	4800	2355	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
144	<i>Melaleuca bracteata</i>	Black Tea Tree	5	8	400	445	4800	2355	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
145	<i>Melaleuca bracteata</i>	Black Tea Tree	5	8	400	445	4800	2355	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
146	<i>Melaleuca bracteata</i>	Black Tea Tree	9	5	340	385	4080	2216	Good	Mature	Fair	No significant defects noted	Low	Medium	Medium	
147	<i>Erythrina x sykesii</i>	Coral Tree	14	16	1180	1320	14160	3719	Good	Mature	Fair	No significant defects noted	High	Medium	High	
148	<i>Angophora costata</i>	Sydney Red Gum	5	2	165	200	2000	1683	Good	Juvenile	Good	No significant defects noted	Low	Long	Medium	
149	<i>Melaleuca bracteata</i>	Black Tea Tree	9	4	365	420	4380	2299	Good	Mature	Fair	Evidence of Decay at base	Low	Medium	Medium	
150	<i>Melaleuca bracteata</i>	Black Tea Tree	5	7	300	355	3600	2142	Fair	Mature	Fair	Evidence of Decay at base	Low	Medium	Low	
151	<i>Melaleuca bracteata</i>	Black Tea Tree	10	5	275	385	3300	2216	Good	Mature	Fair	Evidence of Decay	Low	Medium	Medium	
152	<i>Melaleuca bracteata</i>	Black Tea Tree	8	8	400	450	4800	2366	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
153	<i>Melaleuca bracteata</i>	Black Tea Tree	9	11	455	485	5460	2442	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
154	<i>Melaleuca bracteata</i>	Black Tea Tree	9	5	400	450	4800	2366	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
155	<i>Melaleuca bracteata</i>	Black Tea Tree	9	5	400	450	4800	2366	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
156	<i>Melaleuca bracteata</i>	Black Tea Tree	9	5	400	450	4800	2366	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	

Tree no.	Botanical name	Common name	Height (m)	Spread(m)	DBH (mm)	DAB (mm)	TPZ (mm)	SRZ (mm)	Vigour	Maturity	Structure	Defects	Landscape sig.	Life Expectancy	Retention value	Comments
157	<i>Eucalyptus microcorys</i>	Tallowwood	19	12	660	780	7920	2981	Good	Mature	Fair	No significant defects noted	Medium	Long	High	
158	<i>Eucalyptus microcorys</i>	Tallowwood	19	12	660	780	7920	2981	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
159	<i>Eucalyptus botryoides</i>	Bangalay	13	13	640	640	7680	2744	Good	Mature	Fair	Poor tree form	Medium	Medium	Medium	
160	<i>Eucalyptus punctata</i>	Grey Gum	10	7	350	395	4200	2240	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
161	<i>Erythrina crista-galli</i>	Cockscomb Coral	12	9	500	550	6000	2575	Fair	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
162	<i>Eucalyptus microcorys</i>	Tallowwood	20	13	600	800	7200	3013	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
163	<i>Eucalyptus microcorys</i>	Tallowwood	3	2	60	100	2000	1500	Good	Juvenile	Good	No significant defects noted	Low	Long	Medium	
164	<i>Eucalyptus microcorys</i>	Tallowwood	14	7	400	450	4800	2366	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
165	<i>Erythrina crista-galli</i>	Cockscomb Coral	5	6	350	400	4200	2252	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
166	<i>Eucalyptus microcorys</i>	Tallowwood	17	11	600	740	7200	2916	Good	Mature	Poor	Bark Inclusion	Medium	Medium	Medium	
167	<i>Eucalyptus punctata</i>	Grey Gum	18	12	400	600	4800	2670	Good	Mature	Poor	Evidence of Decay, fungal fruiting body near base of tree, tapped poorly	Medium	Short	Low	
168	<i>Eucalyptus punctata</i>	Grey Gum	20	14	480	880	5760	3136	Fair	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
169	<i>Angophora costata</i>	Sydney Red Gum	7	14	400	460	4800	2388	Good	Mature	Poor	Evidence of Decay	Medium	Short	Low	
170	<i>Eucalyptus microcorys</i>	Tallowwood	23	14	580	890	6960	3151	Good	Mature	Good	No significant defects noted	High	Long	High	
171	<i>Erythrina crista-galli</i>	Cockscomb Coral	5	5	320	370	3840	2180	Good	Mature	Good	No significant defects noted	Medium	Medium	Medium	
172	<i>Eucalyptus punctata</i>	Grey Gum	8	14	315	355	3780	2142	Fair	Mature	Poor	Poor tree form, large dead stem	Low	Short	Low	
173	<i>Cupressocyparis leylandii</i>	Leighton Green	12	4	400	500	4800	2474	Good	Mature	Good	No significant defects noted	Medium	Medium	Medium	
174	<i>Eucalyptus microcorys</i>	Tallowwood	21	15	545	850	6540	3091	Good	Mature	Good	No significant defects noted	High	Medium	High	
175	<i>Zelkova serrata</i>	Japanese Zelkova	4	2	100	160	2000	1533	Good	Juvenile	Good	No significant defects noted	Low	Long	Medium	
176	<i>Eucalyptus spp.</i>	Eucalyptus	14	9	400	450	4800	2366	Fair	Mature	Fair	No significant defects noted	Medium	Short	Low	
177	<i>Eucalyptus microcorys</i>	Tallowwood	23	16	485	870	5820	3121	Good	Mature	Fair	Poor tree form, crossing branch lower canopy	High	Long	High	
178	<i>Callistemon salignus</i>	White Bottlebrush	8	6	380	440	4560	2344	Good	Mature	Poor	Split union in upper canopy	Medium	Remove	Very low	

Tree no.	Botanical name	Common name	Height (m)	Spread(m)	DBH (mm)	DAB (mm)	TPZ (mm)	SRZ (mm)	Vigour	Maturity	Structure	Defects	Landscape sig.	Life Expectancy	Retention value	Comments
179	<i>Callistemon salignus</i>	White Bottlebrush	6	2	200	235	2400	1801	Fair	Semi-mature	Fair	No significant defects noted	Low	Short	Low	
180	<i>Eucalyptus saligna</i>	Sydney Blue Gum	14	5	265	350	3180	2129	Good	Mature	Fair	Rib	Medium	Medium	Medium	
181	<i>Callistemon salignus</i>	White Bottlebrush	5	5	330	375	3960	2192	Good	Mature	Poor	Previous failures	Low	Short	Low	
182	<i>Callistemon salignus</i>	White Bottlebrush	4	3	130	150	2000	1500	Fair	Mature	Good	Poor tree form	Low	Short	Low	
183	<i>Eucalyptus bicostata</i>	Southern Blue Gum	14	8	435	480	5220	2431	Fair	Mature	Fair	Poor tree form	Medium	Medium	Medium	
184	<i>Eucalyptus punctata</i>	Grey Gum	18	12	415	485	4980	2442	Good	Mature	Fair	Poor tree form	Medium	Medium	Medium	
185	<i>Eucalyptus bicostata</i>	Southern Blue Gum	20	12	400	475	4800	2421	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
186	<i>Dead Tree</i>	Dead Tree	10	3	370	400	4440	2252	Dead	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
187	<i>Dead Tree</i>	Dead Tree	7	3	300	320	3600	2051	Dead	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
188	<i>Dead Tree</i>	Dead Tree	10	4	400	450	4800	2366	Dead	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
189	<i>Dead Tree</i>	Dead Tree	10	6	300	350	3600	2129	Dead	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
190	<i>Cinnamomum camphora</i>	Camphor Laurel	5	3	200	240	2400	1817	Good	Juvenile	Fair	No significant defects noted	Low	Medium	Medium	
191	<i>Eucalyptus sideroxylon</i>	Mugga Ironbark	5	3	240	265	2880	1895	Fair	Juvenile	Fair	Poor tree form	Low	Short	Low	
192	<i>Eucalyptus microcorys</i>	Tallowwood	18	5	350	400	4200	2252	Good	Mature	Fair	Bark Inclusion	Medium	Short	Low	
193	<i>Eucalyptus sideroxylon</i>	Mugga Ironbark	7	4	275	300	3300	1996	Good	Mature	Fair	Poor tree form	Low	Medium	Medium	
194	<i>Olea europaea subsp. cuspidata</i>	Wild Olive	4	4	200	250	2400	1849	Good	Juvenile	Fair	Poor tree form	Low	Remove	Very low	
195	<i>Callistemon viminalis</i>	Weeping Bottlebrush	3	2	100	140	2000	1500	Fair	Juvenile	Fair	No significant defects noted	Low	Medium	Low	
196	<i>Callistemon viminalis</i>	Weeping Bottlebrush	3	2	100	140	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
197	<i>Callistemon viminalis</i>	Weeping Bottlebrush	3	2	100	140	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
198	<i>Callistemon viminalis</i>	Weeping Bottlebrush	3	2	100	140	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
199	<i>Callistemon viminalis</i>	Weeping Bottlebrush	3	2	100	140	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
200	<i>Callistemon viminalis</i>	Weeping Bottlebrush	3	2	100	140	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
201	<i>Eucalyptus punctata</i>	Grey Gum	9	8	350	415	4200	2287	Good	Mature	Fair	Poor tree form	Medium	Medium	Medium	
202	<i>Eucalyptus bicostata</i>	Southern Blue Gum	21	16	670	840	8040	3076	Fair	Mature	Fair	No significant defects noted	High	Medium	High	

Tree no.	Botanical name	Common name	Height (m)	Spread(m)	DBH (mm)	DAB (mm)	TPZ (mm)	SRZ (mm)	Vigour	Maturity	Structure	Defects	Landscape sig.	Life Expectancy	Retention value	Comments
203	<i>Callistemon salignus</i>	White Bottlebrush	6	6	250	315	3000	2037	Good	Mature	Fair	No significant defects noted	Low	Medium	Medium	
204	<i>Callistemon viminalis</i>	Weeping Bottlebrush	3	2	100	150	2000	1500	Fair	Mature	Fair	No significant defects noted	Low	Medium	Low	
205	<i>Callistemon viminalis</i>	Weeping Bottlebrush	3	2	100	150	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
206	<i>Callistemon viminalis</i>	Weeping Bottlebrush	3	2	100	150	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
207	<i>Callistemon salignus</i>	White Bottlebrush	3	3	120	300	2000	1996	Fair	Mature	Poor	Poor tree form	Low	Short	Low	
208	<i>Callistemon salignus</i>	White Bottlebrush	10	5	375	445	4500	2355	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
209	<i>Dead Tree</i>	Dead Tree	10	3	335	400	4020	2252	Dead	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
210	<i>Eucalyptus punctata</i>	Grey Gum	14	8	355	400	4260	2252	Good	Mature	Fair	Poor tree form	Medium	Medium	Medium	
211	<i>Eucalyptus microcorys</i>	Tallowwood	19	11	450	590	5400	2652	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
212	<i>Eucalyptus punctata</i>	Grey Gum	4	3	100	200	2000	1683	Poor	Juvenile	Poor	Poor tree form	Low	Short	Low	
213	<i>Eucalyptus sideroxylon</i>	Mugga Ironbark	5	2	200	250	2400	1849	Poor	Semi-mature	Fair	No significant defects noted	Low	Short	Low	
214	<i>Eucalyptus microcorys</i>	Tallowwood	5	2	165	250	2000	1849	Good	Juvenile	Fair	No significant defects noted	Low	Medium	Low	
215	<i>Eucalyptus sideroxylon</i>	Mugga Ironbark	7	12	370	415	4440	2287	Good	Mature	Hazardous	Failed root plate	Medium	Remove	Very low	
216	<i>Eucalyptus sideroxylon</i>	Mugga Ironbark	8	13	300	340	3600	2104	Good	Mature	Poor	Poor tree form	Medium	Short	Low	
217	<i>Eucalyptus sideroxylon</i>	Mugga Ironbark	4	2	65	115	2000	1500	Fair	Juvenile	Poor	Poor tree form	Low	Short	Low	
218	<i>Eucalyptus bicostata</i>	Southern Blue Gum	5	4	200	240	2400	1817	Poor	Juvenile	Poor	Poor tree form	Low	Short	Low	
219	<i>Eucalyptus bicostata</i>	Southern Blue Gum	13	7	460	500	5520	2474	Fair	Mature	Poor	Failed root plate	Medium	Short	Low	
220	<i>Eucalyptus saligna</i>	Sydney Blue Gum	5	3	200	260	2400	1879	Fair	Juvenile	Poor	Failed root plate	Medium	Medium	Medium	
221	<i>Eucalyptus punctata</i>	Grey Gum	10	10	300	380	3600	2204	Good	Mature	Poor	Poor tree form	Medium	Medium	Medium	
222	<i>Eucalyptus bicostata</i>	Southern Blue Gum	18	13	425	500	5100	2474	Fair	Mature	Fair	Bark Inclusion	Medium	Medium	Medium	
223	<i>Eucalyptus microcorys</i>	Tallowwood	18	9	385	425	4620	2310	Good	Mature	Fair	Bark Inclusion	Medium	Medium	Medium	
224	<i>Dead Tree</i>	Dead Tree	16	1	300	350	3600	2129	Dead	Mature	Fair	Bark Inclusion	Medium	Medium	Medium	
225	<i>Eucalyptus bicostata</i>	Southern Blue Gum	15	5	300	360	3600	2155	Fair	Mature	Fair	Poor tree form	Medium	Medium	Medium	

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226	<i>Eucalyptus bicostata</i>	Southern Blue Gum	4	2	100	500	2000	2474	Poor	Mature	Poor	Poor tree form	Low	Short	Low	
227	<i>Callistemon viminalis</i>	Weeping Bottlebrush	3	2	60	140	2000	1500	Fair	Juvenile	Poor	Poor tree form	Low	Short	Low	
228	<i>Callistemon viminalis</i>	Weeping Bottlebrush	3	2	60	140	2000	1500	Good	Juvenile	Fair	No significant defects noted	Low	Medium	Low	
229	<i>Callistemon viminalis</i>	Weeping Bottlebrush	3	2	60	140	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
230	<i>Callistemon viminalis</i>	Weeping Bottlebrush	3	2	60	140	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
231	<i>Ligustrum lucidum</i>	Large Leaf Privet	4	3	160	280	2000	1939	Good	Mature	Fair	No significant defects noted	Low	Remove	Very low	
232	<i>Eucalyptus bicostata</i>	Southern Blue Gum	18	9	450	490	5400	2453	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
233	<i>Erythrina crista-galli</i>	Cockscomb Coral	3	2	265	350	3180	2129	Poor	Mature	Poor	No significant defects noted	Low	Short	Low	
234	<i>Eucalyptus bicostata</i>	Southern Blue Gum	10	4	200	265	2400	1895	Fair	Mature	Fair	No significant defects noted	Low	Medium	Medium	
235	<i>Melia azedarach</i>	White Cedar	4	6	400	440	4800	2344	Fair	Mature	Fair	No significant defects noted	Low	Short	Low	
236	<i>Eucalyptus bicostata</i>	Southern Blue Gum	22	8	460	685	5520	2823	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
237	<i>Eucalyptus bicostata</i>	Southern Blue Gum	17	15	450	600	5400	2670	Good	Mature	Poor	Failed root plate	Medium	Short	Low	
238	<i>Eucalyptus sideroxylon</i>	Mugga Ironbark	8	2	250	300	3000	1996	Poor	Mature	Poor	Die back general	Low	Short	Low	
239	<i>Eucalyptus sideroxylon</i>	Mugga Ironbark	6	10	240	300	2880	1996	Fair	Mature	Poor	Evidence of Decay	Low	Remove	Very low	
240	<i>Pittosporum undulatum</i>	Sweet Pittosporum	4	4	230	255	2760	1864	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
241	<i>Eucalyptus bicostata</i>	Southern Blue Gum	23	8	500	560	6000	2594	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
242	<i>Eucalyptus bicostata</i>	Southern Blue Gum	23	8	500	560	6000	2594	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
243	<i>Eucalyptus bicostata</i>	Southern Blue Gum	23	12	700	840	8400	3076	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
244	<i>Olea europaea subsp. cuspidata</i>	Wild Olive	6	6	280	380	3360	2204	Good	Semi-mature	Fair	No significant defects noted	Low	Remove	Very low	
245	<i>Eucalyptus punctata</i>	Grey Gum	7	10	270	315	3240	2037	Good	Mature	Poor	Poor tree form	Medium	Medium	Medium	
246	<i>Erythrina crista-galli</i>	Cockscomb Coral	4	3	240	500	2880	2474	Poor	Mature	Poor	Poor tree form	Low	Short	Low	
247	<i>Waterhousea floribunda</i>	Weeping Lili Pili	4	2	100	135	2000	1500	Good	Mature	Good	No significant defects noted	Low	Medium	Low	
248	<i>Dead Tree</i>	Dead Tree	15	10	375	500	4500	2474	Dead	Mature	Good	No significant defects noted	Low	Medium	Medium	

Tree no.	Botanical name	Common name	Height (m)	Spread(m)	DBH (mm)	DAB (mm)	TPZ (mm)	SRZ (mm)	Vigour	Maturity	Structure	Defects	Landscape sig.	Life Expectancy	Retention value	Comments
249	<i>Eucalyptus nicholii</i>	Narrow Leaved Black Peppermint	16	12	400	445	4800	2355	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
250	<i>Lophostemon confertus</i>	Brush Box	15	13	590	690	7080	2832	Fair	Mature	Fair	No significant defects noted	High	Medium	High	
251	<i>Callistemon salignus</i>	White Bottlebrush	8	8	500	550	6000	2575	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
252	<i>Eucalyptus bicostata</i>	Southern Blue Gum	24	18	1300	1500	15000	3924	Good	Mature	Fair	No significant defects noted	High	Medium	High	
253	<i>Eucalyptus bicostata</i>	Southern Blue Gum	23	10	450	500	5400	2474	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
254	<i>Eucalyptus nicholii</i>	Narrow Leaved Black Peppermint	10	8	300	340	3600	2104	Poor	Mature	Poor	Poor tree form	Low	Short	Low	
255	<i>Eucalyptus robusta</i>	Swamp Mahogany	8	9	300	420	3600	2299	Fair	Mature	Poor	Poor tree form	Low	Medium	Medium	
256	<i>Melia azedarach</i>	White Cedar	4	2	80	130	2000	1500	Good	Juvenile	Good	No significant defects noted	Low	Medium	Low	
257	<i>Lophostemon confertus</i>	Brush Box	12	13	700	800	8400	3013	Good	Mature	Good	No significant defects noted	Medium	Medium	Medium	
258	<i>Eucalyptus microcorys</i>	Tallowwood	22	24	1100	1100	13200	3445	Good	Mature	Fair	No significant defects noted	High	Medium	High	
259	<i>Eucalyptus bicostata</i>	Southern Blue Gum	22	7	350	430	4200	2322	Fair	Mature	Hazardous	Failed root plate	Low	Remove	Very low	
260	<i>Pittosporum undulatum</i>	Sweet Pittosporum	3	4	220	300	2640	1996	Poor	Mature	Fair	Failed root plate	Low	Short	Low	
261	Dead Tree	Dead Tree	4	3	200	300	2400	1996	Dead	Mature	Fair	Failed root plate	Low	Medium	Low	
262	<i>Ligustrum lucidum</i>	Large Leaf Privet	7	7	400	440	4800	2344	Good	Mature	Fair	No significant defects noted	Low	Remove	Very low	
263	<i>Melia azedarach</i>	White Cedar	8	3	240	280	2880	1939	Good	Semi-mature	Fair	No significant defects noted	Low	Medium	Medium	
264	<i>Eucalyptus bicostata</i>	Southern Blue Gum	22	12	1100	1280	13200	3671	Good	Mature	Fair	No significant defects noted	High	Medium	High	
265	<i>Callistemon salignus</i>	White Bottlebrush	4	4	260	330	3120	2077	Fair	Mature	Fair	No significant defects noted	Low	Medium	Low	
266	<i>Macadamia tetraphylla</i>	Macadamia	6	5	285	350	3420	2129	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
267	<i>Waterhousea floribunda</i>	Weeping Lili Pili	10	4	245	300	2940	1996	Good	Semi-mature	Fair	No significant defects noted	Medium	Medium	Medium	Not tagged due to sensitive gardens beneath tree.
268	<i>Populus nigra 'Italica'</i>	Lombardi Poplar	8	3	200	300	2400	1996	Good	Mature	Fair	No significant defects noted	Low	Medium	Medium	Not tagged due to sensitive gardens beneath tree.
269	<i>Lophostemon confertus</i>	Brush Box	15	13	800	940	9600	3224	Good	Mature	Fair	No significant defects noted	High	Medium	High	Not tagged due to sensitive gardens beneath tree.

Tree no.	Botanical name	Common name	Height (m)	Spread(m)	DBH (mm)	DAB (mm)	TPZ (mm)	SRZ (mm)	Vigour	Maturity	Structure	Defects	Landscape sig.	Life Expectancy	Retention value	Comments
270	<i>Lophostemon confertus</i>	Brush Box	14	10	510	600	6120	2670	Fair	Mature	Fair	No significant defects noted	Medium	Medium	Medium	Not tagged due to sensitive gardens beneath tree.
271	<i>Lophostemon confertus</i>	Brush Box	10	5	300	350	3600	2129	Poor	Mature	Fair	No significant defects noted	Low	Short	Low	
272	<i>Eucalyptus bicostata</i>	Southern Blue Gum	20	12	585	700	7020	2849	Good	Mature	Fair	Suppressed	Medium	Medium	Medium	
273	<i>Eucalyptus bicostata</i>	Southern Blue Gum	23	12	750	800	9000	3013	Good	Mature	Fair	No significant defects noted	High	Medium	High	
274	<i>Dead Tree</i>	Dead Tree	22	12	665	755	7980	2941	Dead	Mature	Fair	No significant defects noted	Low	Remove	Very low	
275	<i>Ficus microcarpa</i> var. <i>hillii</i>	Hills Fig	21	35	3000	3500	15000	5601	Good	Mature	Fair	No significant defects noted	High	Long	High	
276	<i>Homalanthus populneus</i>	bleeding heart	4	4	160	250	2000	1849	Good	Semi-mature	Fair	No significant defects noted	Low	Medium	Low	
277	<i>Ficus microcarpa</i> var. <i>hillii</i>	Hills Fig	5	5	250	300	3000	1996	Good	Juvenile	Fair	No significant defects noted	Low	Long	Medium	
278	<i>Phoenix canariensis</i>	Canary Island Date Palm	4	4	450	500	3000	3000	Good	Juvenile	Fair	No significant defects noted	Low	Long	Medium	
279	<i>Homalanthus populneus</i>	bleeding heart	5	3	150	165	2000	1553	Good	Semi-mature	Fair	No significant defects noted	Low	Medium	Low	
280	<i>Acer palmatum</i>	Japanese Maple	3	3	180	230	2160	1785	Good	Mature	Fair	No significant defects noted	Low	Long	Medium	
281	<i>Homalanthus populneus</i>	bleeding heart	5	4	180	230	2160	1785	Good	Semi-mature	Fair	No significant defects noted	Low	Medium	Low	
282	<i>Archontophoenix cunninghamiana</i>	Bangalow Palm	4	3	125	185	2500	2500	Good	Juvenile	Good	No significant defects noted	Low	Medium	Low	
283	<i>Ficus microcarpa</i> var. <i>hillii</i>	Hills Fig	20	18	1200	1350	14400	3754	Good	Mature	Fair	No significant defects noted	High	Medium	High	
284	<i>Lophostemon confertus</i>	Brush Box	9	4	340	400	4080	2252	Fair	Mature	Fair	Suppressed	Low	Medium	Medium	
285	<i>Lophostemon confertus</i>	Brush Box	9	6	400	435	4800	2333	Good	Mature	Fair	Suppressed	Low	Medium	Medium	
286	<i>Callistemon viminalis</i>	Weeping Bottlebrush	3	5	120	250	2000	1849	Good	Semi-mature	Fair	Suppressed	Low	Medium	Low	
287	<i>Callistemon viminalis</i>	Weeping Bottlebrush	3	5	120	250	2000	1849	Good	Mature	Fair	Suppressed	Low	Medium	Low	
288	<i>Callistemon viminalis</i>	Weeping Bottlebrush	3	5	120	250	2000	1849	Good	Mature	Fair	Suppressed	Low	Medium	Low	
289	<i>Olea europaea</i> subsp. <i>cuspidata</i>	Wild Olive	4	3	135	240	2000	1817	Good	Juvenile	Fair	Suppressed	Low	Remove	Very low	
290	<i>Pittosporum undulatum</i>	Sweet Pittosporum	4	3	200	375	2400	2192	Good	Semi-mature	Fair	Suppressed	Low	Medium	Low	
291	<i>Lophostemon confertus</i>	Brush Box	8	8	400	480	4800	2431	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	

Tree no.	Botanical name	Common name	Height (m)	Spread(m)	DBH (mm)	DAB (mm)	TPZ (mm)	SRZ (mm)	Vigour	Maturity	Structure	Defects	Landscape sig.	Life Expectancy	Retention value	Comments
292	<i>Callistemon viminalis</i>	Weeping Bottlebrush	4	3	220	275	2640	1924	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
293	<i>Callistemon viminalis</i>	Weeping Bottlebrush	3	3	220	275	2640	1924	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
294	<i>Grevillea spp.</i>	Grevillea species	3	5	250	300	3000	1996	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
295	<i>Grevillea spp.</i>	Grevillea species	3	5	250	300	3000	1996	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
296	<i>Thuja orientalis</i>	Bookleaf conifer	5	4	360	410	4320	2276	Fair	Mature	Fair	Bark Inclusion	Low	Short	Low	
297	<i>Thuja orientalis</i>	Bookleaf conifer	5	4	360	410	4320	2276	Good	Mature	Fair	Bark Inclusion	Low	Medium	Low	
298	<i>Callistemon viminalis</i>	Weeping Bottlebrush	4	5	160	250	2000	1849	Fair	Mature	Fair	No significant defects noted	Low	Medium	Low	
299	<i>Callistemon viminalis</i>	Weeping Bottlebrush	4	5	160	250	2000	1849	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
300	<i>Callistemon viminalis</i>	Weeping Bottlebrush	4	5	160	250	2000	1849	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
301	<i>Callistemon viminalis</i>	Weeping Bottlebrush	4	2	80	120	2000	1500	Fair	Semi-mature	Fair	No significant defects noted	Low	Short	Low	
302	<i>Syzygium paniculatum</i>	Magenta Cherry	4	5	350	440	4200	2344	Good	Mature	Fair	Evidence of Decay	Low	Medium	Low	
303	<i>Callistemon viminalis</i>	Weeping Bottlebrush	3	2	50	80	2000	1500	Good	Juvenile	Fair	No significant defects noted	Low	Medium	Low	
304	<i>Callistemon viminalis</i>	Weeping Bottlebrush	4	3	220	250	2640	1849	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
305	<i>Callistemon viminalis</i>	Weeping Bottlebrush	4	3	220	250	2640	1849	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
306	<i>Callistemon viminalis</i>	Weeping Bottlebrush	4	3	210	300	2520	1996	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
307	<i>Callistemon viminalis</i>	Weeping Bottlebrush	4	3	210	300	2520	1996	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
308	<i>Callistemon viminalis</i>	Weeping Bottlebrush	3	3	100	135	2000	1500	Fair	Mature	Fair	Poor tree form	Low	Medium	Low	
309	<i>Callistemon viminalis</i>	Weeping Bottlebrush	4	4	200	300	2400	1996	Fair	Mature	Fair	No significant defects noted	Low	Medium	Low	
310	<i>Callistemon viminalis</i>	Weeping Bottlebrush	4	4	200	300	2400	1996	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
311	<i>Erythrina crista-galli</i>	Cockscomb Coral	10	13	800	900	9600	3166	Good	Mature	Fair	No significant defects noted	High	Medium	High	
312	<i>Erythrina crista-galli</i>	Cockscomb Coral	10	10	585	520	7020	2515	Good	Mature	Fair	No significant defects noted	High	Medium	High	
313	<i>Erythrina crista-galli</i>	Cockscomb Coral	3	3	200	250	2400	1849	Good	Juvenile	Poor	Poor tree form	Low	Short	Low	
314	<i>Callistemon viminalis</i>	Weeping Bottlebrush	4	3	150	230	2000	1785	Fair	Mature	Fair	No significant defects noted	Low	Medium	Low	

Tree no.	Botanical name	Common name	Height (m)	Spread(m)	DBH (mm)	DAB (mm)	TPZ (mm)	SRZ (mm)	Vigour	Maturity	Structure	Defects	Landscape sig.	Life Expectancy	Retention value	Comments
315	<i>Callistemon viminalis</i>	Weeping Bottlebrush	3	3	100	120	2000	1500	Fair	Juvenile	Fair	No significant defects noted	Low	Short	Low	
316	<i>Erythrina crista-galli</i>	Cockscomb Coral	3	3	215	400	2580	2252	Good	Semi-mature	Poor	Poor tree form, fungal fruiting body	Low	Short	Low	
317	<i>Lophostemon confertus</i>	Brush Box	15	12	650	780	7800	2981	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
318	<i>Callistemon viminalis</i>	Weeping Bottlebrush	3	3	85	130	2000	1500	Good	Semi-mature	Fair	Suppressed	Low	Medium	Low	
319	<i>Callistemon viminalis</i>	Weeping Bottlebrush	4	3	160	250	2000	1849	Good	Mature	Fair	Suppressed	Low	Medium	Low	
320	<i>Callistemon viminalis</i>	Weeping Bottlebrush	3	3	100	155	2000	1512	Fair	Semi-mature	Fair	Suppressed	Low	Medium	Low	
321	<i>Callistemon viminalis</i>	Weeping Bottlebrush	3	3	100	155	2000	1512	Good	Mature	Fair	Suppressed	Low	Medium	Low	
322	<i>Callistemon viminalis</i>	Weeping Bottlebrush	4	4	200	300	2400	1996	Fair	Mature	Fair	Suppressed	Low	Medium	Low	
323	<i>Callistemon viminalis</i>	Weeping Bottlebrush	3	3	100	200	2000	1683	Good	Juvenile	Fair	Suppressed	Low	Medium	Low	
324	<i>Callistemon viminalis</i>	Weeping Bottlebrush	4	3	200	245	2400	1833	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
325	<i>Callistemon viminalis</i>	Weeping Bottlebrush	4	3	200	260	2400	1879	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
326	<i>Callistemon viminalis</i>	Weeping Bottlebrush	5	4	210	300	2520	1996	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
327	<i>Callistemon viminalis</i>	Weeping Bottlebrush	5	4	210	300	2520	1996	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
328	<i>Callistemon viminalis</i>	Weeping Bottlebrush	4	3	75	120	2000	1500	Poor	Semi-mature	Fair	No significant defects noted	Low	Short	Low	
329	<i>Callistemon viminalis</i>	Weeping Bottlebrush	3	4	100	200	2000	1683	Good	Semi-mature	Fair	No significant defects noted	Low	Medium	Low	
330	<i>Callistemon viminalis</i>	Weeping Bottlebrush	5	3	135	200	2000	1683	Good	Semi-mature	Fair	No significant defects noted	Low	Medium	Low	
331	<i>Callistemon viminalis</i>	Weeping Bottlebrush	4	2	80	110	2000	1500	Fair	Semi-mature	Fair	No significant defects noted	Low	Short	Low	
332	<i>Lophostemon confertus</i>	Brush Box	15	10	640	660	7680	2779	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
333	<i>Erythrina crista-galli</i>	Cockscomb Coral	4	3	300	350	3600	2129	Fair	Mature	Poor	Suppressed	Low	Short	Low	
334	<i>Cotoneaster spp.</i>	Cotoneaster	4	6	300	450	3600	2366	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
335	<i>Cotoneaster spp.</i>	Cotoneaster	4	6	300	450	3600	2366	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
336	<i>Erythrina crista-galli</i>	Cockscomb Coral	5	7	290	310	3480	2024	Fair	Mature	Fair	No significant defects noted	Medium	Short	Low	
337	<i>Callistemon viminalis</i>	Weeping Bottlebrush	4	4	220	350	2640	2129	Good	Mature	Fair	No significant defects noted	Medium	Medium	Low	

Tree no.	Botanical name	Common name	Height (m)	Spread(m)	DBH (mm)	DAB (mm)	TPZ (mm)	SRZ (mm)	Vigour	Maturity	Structure	Defects	Landscape sig.	Life Expectancy	Retention value	Comments
338	<i>Lophostemon confertus</i>	Brush Box	16	13	865	980	10380	3281	Fair	Mature	Fair	No significant defects noted	High	Medium	High	
339	<i>Lophostemon confertus</i>	Brush Box	17	12	730	820	8760	3045	Good	Mature	Fair	No significant defects noted	High	Medium	High	
340	<i>Erythrina crista-galli</i>	Cockscomb Coral	3	1	80	100	2000	1500	Poor	Juvenile	Poor	No significant defects noted	Low	Short	Low	
341	<i>Erythrina crista-galli</i>	Cockscomb Coral	6	6	310	330	3720	2077	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
342	<i>Callistemon viminalis</i>	Weeping Bottlebrush	3	3	110	210	2000	1718	Good	Juvenile	Fair	Suppressed	Low	Short	Low	
343	<i>Erythrina crista-galli</i>	Cockscomb Coral	7	11	460	460	5520	2388	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
344	<i>Callistemon viminalis</i>	Weeping Bottlebrush	5	5	200	255	2400	1864	Good	Mature	Poor	Suppressed	Low	Short	Low	
345	<i>Callistemon viminalis</i>	Weeping Bottlebrush	3	2	80	100	2000	1500	Fair	Juvenile	Poor	Suppressed	Low	Short	Low	
346	<i>Pittosporum undulatum</i>	Sweet Pittosporum	4	4	280	310	3360	2024	Good	Semi-mature	Poor	Suppressed	Low	Medium	Low	
347	<i>Erythrina crista-galli</i>	Cockscomb Coral	12	13	575	600	6900	2670	Good	Mature	Fair	No significant defects noted	High	Medium	High	
348	<i>Lophostemon confertus</i>	Brush Box	16	12	585	655	7020	2771	Fair	Mature	Fair	No significant defects noted	High	Medium	High	
349	<i>Syncarpia glomulifera</i>	Turpentine	15	4	410	440	4920	2344	Fair	Mature	Fair	Evidence of Decay at base	Medium	Medium	Medium	
350	<i>Erythrina crista-galli</i>	Cockscomb Coral	4	4	340	330	4080	2077	Fair	Mature	Poor	Poor tree form	Medium	Short	Low	
351	<i>Callistemon viminalis</i>	Weeping Bottlebrush	5	3	210	250	2520	1849	Fair	Mature	Fair	No significant defects noted	Low	Medium	Low	
352	<i>Callistemon viminalis</i>	Weeping Bottlebrush	5	3	210	250	2520	1849	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
353	<i>Syzygium luehmanii</i>	Small leaved Lili Pili	4	5	330	400	3960	2252	Good	Mature	Fair	No significant defects noted	Medium	Medium	Low	
354	<i>Callistemon viminalis</i>	Weeping Bottlebrush	4	4	185	210	2220	1718	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
355	<i>Lophostemon confertus</i>	Brush Box	15	13	700	640	8400	2744	Fair	Mature	Fair	No significant defects noted	High	Medium	High	
356	<i>Erythrina crista-galli</i>	Cockscomb Coral	4	5	300	350	3600	2129	Good	Mature	Fair	No significant defects noted	Medium	Medium	Low	
357	<i>Erythrina crista-galli</i>	Cockscomb Coral	10	15	1100	800	13200	3013	Good	Mature	Fair	No significant defects noted	High	Medium	High	
358	<i>Macadamia tetraphylla</i>	Macadamia	8	6	300	375	3600	2192	Good	Mature	Fair	No significant defects noted	Low	Medium	Medium	
359	<i>Macadamia tetraphylla</i>	Macadamia	3	1	40	60	2000	1500	Fair	Juvenile	Fair	No significant defects noted	Low	Short	Low	
360	<i>Macadamia tetraphylla</i>	Macadamia	8	6	275	340	3300	2104	Good	Mature	Fair	No significant defects noted	Low	Medium	Medium	

Tree no.	Botanical name	Common name	Height (m)	Spread(m)	DBH (mm)	DAB (mm)	TPZ (mm)	SRZ (mm)	Vigour	Maturity	Structure	Defects	Landscape sig.	Life Expectancy	Retention value	Comments
361	<i>Melaleuca quinquenervia</i>	Broad leaved paperbark	18	15	800	860	9600	3106	Good	Mature	Fair	Bark Inclusion	High	Medium	High	
362	<i>Melaleuca quinquenervia</i>	Broad leaved paperbark	13	12	360	400	4320	2252	Good	Mature	Poor	Poor tree form	Medium	Medium	Medium	
363	<i>Eucalyptus saligna</i>	Sydney Blue Gum	15	9	485	510	5820	2494	Fair	Mature	Fair	Previous failures	Medium	Medium	Medium	
364	<i>Melaleuca quinquenervia</i>	Broad leaved paperbark	20	14	1300	1300	15000	3695	Good	Mature	Fair	Bark Inclusion	High	Medium	High	
365	<i>Callistemon salignus</i>	White Bottlebrush	5	4	160	210	2000	1718	Fair	Semi-mature	Fair	Suppressed	Low	Short	Low	
366	<i>Melaleuca quinquenervia</i>	Broad leaved paperbark	20	15	1200	1350	14400	3754	Good	Mature	Poor	Bark Inclusion, partial failure of union	High	Short	Low	
367	<i>Melaleuca quinquenervia</i>	Broad leaved paperbark	14	11	700	850	8400	3091	Good	Mature	Fair	Bark Inclusion	High	Medium	High	
368	<i>Melaleuca quinquenervia</i>	Broad leaved paperbark	20	14	1350	1350	15000	3754	Good	Mature	Fair	Bark Inclusion	High	Medium	High	
369	<i>Melaleuca quinquenervia</i>	Broad leaved paperbark	18	9	475	580	5700	2633	Fair	Mature	Fair	Bark Inclusion	Medium	Medium	Medium	
370	<i>Melaleuca quinquenervia</i>	Broad leaved paperbark	12	7	350	365	4200	2167	Good	Mature	Fair	Bark Inclusion	Medium	Medium	Medium	
371	<i>Melaleuca quinquenervia</i>	Broad leaved paperbark	8	6	300	330	3600	2077	Good	Semi-mature	Fair	Bark Inclusion	Medium	Medium	Medium	
372	<i>Melaleuca quinquenervia</i>	Broad leaved paperbark	14	8	395	505	4740	2484	Good	Mature	Fair	Bark Inclusion	Medium	Medium	Medium	
373	<i>Melaleuca quinquenervia</i>	Broad leaved paperbark	6	4	230	255	2760	1864	Good	Semi-mature	Fair	No significant defects noted	Low	Medium	Medium	
374	<i>Melaleuca quinquenervia</i>	Broad leaved paperbark	6	3	230	255	2760	1864	Good	Mature	Fair	No significant defects noted	Low	Medium	Medium	
375	<i>Melaleuca quinquenervia</i>	Broad leaved paperbark	6	5	270	310	3240	2024	Good	Mature	Fair	No significant defects noted	Low	Medium	Medium	
376	<i>Liquidambar styraciflua</i>	Sweet Gum	14	12	375	445	4500	2355	Good	Mature	Fair	Bark Inclusion	Medium	Medium	Medium	
377	<i>Callistemon salignus</i>	White Bottlebrush	12	4	210	275	2520	1924	Fair	Mature	Fair	Bark Inclusion	Low	Medium	Medium	
378	<i>Melaleuca quinquenervia</i>	Broad leaved paperbark	18	14	670	800	8040	3013	Good	Mature	Fair	Bark Inclusion	High	Medium	High	
379	<i>Melaleuca quinquenervia</i>	Broad leaved paperbark	10	6	300	355	3600	2142	Good	Semi-mature	Fair	Bark Inclusion	Low	Medium	Medium	
380	<i>Melaleuca quinquenervia</i>	Broad leaved paperbark	20	12	600	780	7200	2981	Good	Mature	Fair	Bark Inclusion	High	Medium	High	
381	<i>Acer platanoides</i>	Norway Maple	5	3	130	165	2000	1553	Good	Juvenile	Fair	No significant defects noted	Low	Medium	Low	
382	<i>Melaleuca quinquenervia</i>	Broad leaved paperbark	20	20	2200	2600	15000	4944	Good	Mature	Fair	Bark Inclusion	High	Medium	High	

Tree no.	Botanical name	Common name	Height (m)	Spread(m)	DBH (mm)	DAB (mm)	TPZ (mm)	SRZ (mm)	Vigour	Maturity	Structure	Defects	Landscape sig.	Life Expectancy	Retention value	Comments
383	<i>Lophostemon confertus</i>	Brush Box	13	6	315	460	3780	2388	Good	Mature	Fair	Suppressed	Medium	Medium	Medium	
384	<i>Melaleuca quinquenervia</i>	Broad leaved paperbark	19	19	1250	1280	15000	3671	Good	Mature	Fair	Bark Inclusion	High	Medium	High	
385	<i>Grevillea robusta</i>	Silky Oak	20	8	400	470	4800	2410	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
386	<i>Grevillea robusta</i>	Silky Oak	19	5	350	400	4200	2252	Poor	Senescent	Fair	Die back general	Medium	Short	Low	
387	<i>Grevillea robusta</i>	Silky Oak	18	8	410	455	4920	2377	Fair	Senescent	Fair	Die back general	High	Short	Low	
388	<i>Eucalyptus saligna</i>	Sydney Blue Gum	5	2	50	100	2000	1500	Good	Juvenile	Fair	Suppressed	Low	Long	Low	
389	<i>Eucalyptus saligna</i>	Sydney Blue Gum	5	2	50	100	2000	1500	Good	Mature	Fair	Suppressed	Low	Medium	Low	
390	<i>Photinia x fraseri Robusta</i>	Photinia	3	3	100	120	2000	1500	Good	Semi-mature	Fair	No significant defects noted	Low	Medium	Low	
391	<i>Photinia x fraseri Robusta</i>	Photinia	3	3	100	120	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
392	<i>Photinia x fraseri Robusta</i>	Photinia	3	3	100	120	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
393	<i>Photinia x fraseri Robusta</i>	Photinia	3	3	100	120	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
394	<i>Melaleuca styphelioides</i>	Prickly paperbark	12	15	900	780	10800	2981	Good	Mature	Hazardous	Split	High	Remove	Very low	
395	<i>Melaleuca styphelioides</i>	Prickly paperbark	14	8	600	700	7200	2849	Good	Mature	Fair	Bark Inclusion	Medium	Medium	Medium	
396	<i>Melaleuca styphelioides</i>	Prickly paperbark	7	4	240	380	2880	2204	Good	Semi-mature	Fair	Bark Inclusion	Low	Medium	Medium	
397	<i>Grevillea robusta</i>	Silky Oak	5	3	100	120	2000	1500	Good	Juvenile	Poor	Poor tree form	Low	Medium	Low	
398	<i>Ulmus parvifolia</i>	Chinese Elm	3	3	50	65	2000	1500	Good	Juvenile	Poor	Poor tree form	Low	Short	Low	
399	<i>Ligustrum lucidum</i>	Large Leaf Privet	4	3	70	100	2000	1500	Good	Juvenile	Poor	Poor tree form	Low	Remove	Low	
400	<i>Ligustrum lucidum</i>	Large Leaf Privet	6	5	140	265	2000	1895	Good	Juvenile	Poor	Poor tree form	Low	Remove	Very low	
401	<i>Melaleuca styphelioides</i>	Prickly paperbark	15	12	800	850	9600	3091	Good	Mature	Fair	Bark Inclusion	Medium	Medium	Medium	
402	<i>Ulmus parvifolia</i>	Chinese Elm	5	8	260	340	3120	2104	Good	Semi-mature	Poor	Poor tree form	Low	Medium	Low	
403	<i>Cinnamomum camphora</i>	Camphor Laurel	3	3	80	140	2000	1500	Poor	Juvenile	Fair	No significant defects noted	Low	Short	Low	
404	<i>Melaleuca styphelioides</i>	Prickly paperbark	13	8	480	500	5760	2474	Good	Mature	Fair	Bark Inclusion	Medium	Medium	Medium	
405	<i>Melaleuca styphelioides</i>	Prickly paperbark	8	4	325	355	3900	2142	Good	Mature	Fair	Bark Inclusion	Low	Medium	Medium	

Tree no.	Botanical name	Common name	Height (m)	Spread(m)	DBH (mm)	DAB (mm)	TPZ (mm)	SRZ (mm)	Vigour	Maturity	Structure	Defects	Landscape sig.	Life Expectancy	Retention value	Comments
406	<i>Cinnamomum camphora</i>	Camphor Laurel	5	3	150	200	2000	1683	Good	Juvenile	Fair	No significant defects noted	Low	Medium	Low	
407	<i>Cinnamomum camphora</i>	Camphor Laurel	5	3	150	200	2000	1683	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
408	<i>Cinnamomum camphora</i>	Camphor Laurel	6	3	225	255	2700	1864	Good	Juvenile	Fair	No significant defects noted	Low	Medium	Medium	
409	<i>Cinnamomum camphora</i>	Camphor Laurel	6	3	225	255	2700	1864	Good	Mature	Fair	No significant defects noted	Low	Medium	Medium	
410	<i>Cinnamomum camphora</i>	Camphor Laurel	5	5	280	330	3360	2077	Good	Juvenile	Fair	No significant defects noted	Low	Medium	Low	
411	<i>Populus deltoides</i>	Eastern Cottonwood	22	22	1100	1250	13200	3635	Good	Mature	Fair	No significant defects noted	High	Medium	High	
412	<i>Lophostemon confertus</i>	Brush Box	10	9	440	480	5280	2431	Fair	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
413	<i>Melaleuca quinquenervia</i>	Broad leaved paperbark	5	2	100	160	2000	1533	Poor	Juvenile	Fair	Die back general	Low	Short	Low	
414	<i>Lophostemon confertus</i>	Brush Box	7	8	415	450	4980	2366	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
415	<i>Pinus patula</i>	Mexican Weeping Pine	20	12	400	500	4800	2474	Fair	Senescent	Fair	Die back general	Medium	Short	Low	
416	<i>Populus deltoides</i>	Eastern Cottonwood	23	17	780	880	9360	3136	Good	Mature	Fair	No significant defects noted	High	Medium	High	
417	<i>Populus deltoides</i>	Eastern Cottonwood	23	17	600	735	7200	2908	Good	Mature	Fair	No significant defects noted	High	Medium	High	
418	<i>Erythrina crista-galli</i>	Cockscorb Coral	14	17	1300	1250	15000	3635	Good	Mature	Fair	No significant defects noted	High	Medium	High	
419	<i>Populus deltoides</i>	Eastern Cottonwood	24	28	1200	1400	14400	3812	Good	Mature	Fair	No significant defects noted	High	Medium	High	
420	<i>Lophostemon confertus</i>	Brush Box	10	8	360	385	4320	2216	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
421	<i>Pinus patula</i>	Mexican Weeping Pine	15	15	400	445	4800	2355	Good	Mature	Poor	Poor tree form	Medium	Medium	Medium	
422	<i>Pinus patula</i>	Mexican Weeping Pine	17	13	400	450	4800	2366	Fair	Mature	Fair	Poor tree form	Medium	Short	Low	
423	<i>Lophostemon confertus</i>	Brush Box	11	13	760	785	9120	2989	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
424	<i>Lophostemon confertus</i>	Brush Box	15	16	740	750	8880	2933	Good	Mature	Fair	No significant defects noted	High	Medium	High	
425	<i>Cinnamomum camphora</i>	Camphor Laurel	18	22	1350	2100	15000	4519	Good	Mature	Fair	No significant defects noted	High	Medium	High	
426	<i>Banksia integrifolia</i>	Coast Banksia	5	2	150	215	2000	1735	Fair	Juvenile	Fair	No significant defects noted	Low	Medium	Medium	
427	<i>Lophostemon confertus</i>	Brush Box	19	13	1200	1250	14400	3635	Poor	Mature	Fair	No significant defects noted	High	Short	Low	
428	<i>Angophora costata</i>	Sydney Red Gum	13	8	320	380	3840	2204	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	

Tree no.	Botanical name	Common name	Height (m)	Spread(m)	DBH (mm)	DAB (mm)	TPZ (mm)	SRZ (mm)	Vigour	Maturity	Structure	Defects	Landscape sig.	Life Expectancy	Retention value	Comments
429	<i>Cupressus sempervirens</i>	Large Leaf Privet	10	2	245	285	2940	1953	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
430	<i>Banksia integrifolia</i>	Coast Banksia	7	2	160	200	2000	1683	Good	Juvenile	Fair	No significant defects noted	Low	Medium	Medium	
431	<i>Lophostemon confertus</i>	Brush Box	14	12	750	880	9000	3136	Poor	Mature	Fair	No significant defects noted	High	Medium	High	
432	<i>Eucalyptus microcorys</i>	Tallowwood	25	12	440	600	5280	2670	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
433	<i>Eucalyptus microcorys</i>	Tallowwood	18	4	300	420	3600	2299	Good	Mature	Fair	Suppressed	Low	Medium	Medium	
434	<i>Callistemon viminalis</i>	Weeping Bottlebrush	4	2	50	85	2000	1500	Poor	Juvenile	Poor	Poor tree form, failed	Low	Remove	Very low	
435	<i>Cinnamomum camphora</i>	Camphor Laurel	16	18	900	1200	10800	3573	Good	Mature	Fair	Cavity	High	Medium	High	
436	<i>Eucalyptus microcorys</i>	Tallowwood	25	8	440	500	5280	2474	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
437	<i>Eucalyptus microcorys</i>	Tallowwood	25	10	465	560	5580	2594	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
438	<i>Lophostemon confertus</i>	Brush Box	9	3	200	280	2400	1939	Good	Semi-mature	Fair	No significant defects noted	Low	Medium	Medium	
439	<i>Corymbia maculata</i>	Spotted Gum	9	3	160	235	2000	1801	Fair	Juvenile	Fair	No significant defects noted	Low	Medium	Medium	
440	<i>Eucalyptus microcorys</i>	Tallowwood	25	6	400	480	4800	2431	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
441	<i>Lophostemon confertus</i>	Brush Box	16	12	900	1200	10800	3573	Fair	Mature	Fair	No significant defects noted	High	Medium	High	
442	<i>Callistemon viminalis</i>	Weeping Bottlebrush	5	2	100	150	2000	1500	Fair	Semi-mature	Fair	No significant defects noted	Low	Medium	Low	
443	<i>Eucalyptus microcorys</i>	Tallowwood	15	2	255	300	3060	1996	Fair	Semi-mature	Fair	No significant defects noted	Low	Medium	Medium	
444	<i>Eucalyptus microcorys</i>	Tallowwood	22	5	300	385	3600	2216	Fair	Mature	Fair	No significant defects noted	Low	Medium	Medium	
445	<i>Eucalyptus microcorys</i>	Tallowwood	25	6	355	435	4260	2333	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
446	<i>Corymbia maculata</i>	Spotted Gum	8	2	150	210	2000	1718	Fair	Juvenile	Fair	No significant defects noted	Low	Medium	Medium	
447	<i>Eucalyptus microcorys</i>	Tallowwood	25	8	380	465	4560	2399	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
448	<i>Eucalyptus microcorys</i>	Tallowwood	19	5	320	435	3840	2333	Fair	Mature	Fair	No significant defects noted	Low	Medium	Medium	
449	<i>Corymbia maculata</i>	Spotted Gum	15	8	300	345	3600	2117	Good	Mature	Fair	Poor tree form	Low	Medium	Medium	
450	<i>Lophostemon confertus</i>	Brush Box	12	7	310	375	3720	2192	Good	Mature	Fair	No significant defects noted	Low	Medium	Medium	
451	<i>Eucalyptus microcorys</i>	Tallowwood	25	10	420	500	5040	2474	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	

Tree no.	Botanical name	Common name	Height (m)	Spread(m)	DBH (mm)	DAB (mm)	TPZ (mm)	SRZ (mm)	Vigour	Maturity	Structure	Defects	Landscape sig.	Life Expectancy	Retention value	Comments
452	<i>Eucalyptus microcorys</i>	Tallowwood	25	10	420	500	5040	2474	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
453	<i>Eucalyptus microcorys</i>	Tallowwood	25	10	420	500	5040	2474	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
454	<i>Eucalyptus microcorys</i>	Tallowwood	18	4	275	310	3300	2024	Good	Mature	Fair	No significant defects noted	Low	Medium	Medium	
455	<i>Lophostemon confertus</i>	Brush Box	18	10	365	395	4380	2240	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
456	<i>Eucalyptus microcorys</i>	Tallowwood	24	13	470	560	5640	2594	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
457	<i>Cinnamomum camphora</i>	Camphor Laurel	18	20	1350	2000	15000	4428	Good	Mature	Fair	No significant defects noted	High	Medium	High	
458	<i>Callistemon viminalis</i>	Weeping Bottlebrush	3	2	30	110	2000	1500	Fair	Juvenile	Fair	No significant defects noted	Low	Short	Low	
459	<i>Callistemon viminalis</i>	Weeping Bottlebrush	3	2	80	175	2000	1592	Poor	Juvenile	Fair	No significant defects noted	Low	Short	Low	
460	<i>Melaleuca quinquenervia</i>	Broad leaved paperbark	20	16	1000	1050	12000	3378	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
461	<i>Dead Tree</i>	Dead Tree	5	3	200	300	2400	1996	Dead	Mature	Fair	No significant defects noted	Medium	Medium	Low	
462	<i>Harpephyllum caffrum</i>	Kaffir Plum	16	10	440	530	5280	2535	Good	Mature	Fair	No significant defects noted	Low	Medium	Medium	
463	<i>Callistemon viminalis</i>	Weeping Bottlebrush	6	2	125	185	2000	1629	Fair	Semi-mature	Fair	No significant defects noted	Low	Medium	Medium	
464	<i>Callistemon salignus</i>	White Bottlebrush	9	4	185	240	2220	1817	Fair	Mature	Fair	No significant defects noted	Low	Medium	Medium	
465	<i>Casuarina glauca</i>	Swamp She-Oak	11	1	140	215	2000	1735	Fair	Juvenile	Fair	Slender	Low	Medium	Medium	
466	<i>Casuarina glauca</i>	Swamp She-Oak	23	6	260	360	3120	2155	Good	Mature	Fair	Slender	Low	Medium	Medium	
467	<i>Lophostemon confertus</i>	Brush Box	14	13	590	630	7080	2726	Good	Mature	Fair	Bark Inclusion	High	Medium	High	
468	<i>Casuarina glauca</i>	Swamp She-Oak	14	1	160	190	2000	1647	Good	Juvenile	Fair	Slender	Low	Medium	Medium	
469	<i>Casuarina glauca</i>	Swamp She-Oak	18	4	255	350	3060	2129	Good	Mature	Fair	Slender	Low	Medium	Medium	
470	<i>Casuarina glauca</i>	Swamp She-Oak	16	1	200	280	2400	1939	Fair	Semi-mature	Fair	Slender	Low	Medium	Medium	
471	<i>Casuarina glauca</i>	Swamp She-Oak	7	1	85	135	2000	1500	Fair	Juvenile	Fair	Slender	Low	Short	Low	
472	<i>Casuarina glauca</i>	Swamp She-Oak	25	5	300	460	3600	2388	Good	Mature	Fair	Slender	Low	Medium	Medium	
473	<i>Melaleuca quinquenervia</i>	Broad leaved paperbark	19	7	300	360	3600	2155	Good	Mature	Fair	Slender	Low	Medium	Medium	
474	<i>Melaleuca quinquenervia</i>	Broad leaved paperbark	14	8	560	560	6720	2594	Fair	Mature	Fair	Bark Inclusion	Low	Medium	Medium	

Tree no.	Botanical name	Common name	Height (m)	Spread(m)	DBH (mm)	DAB (mm)	TPZ (mm)	SRZ (mm)	Vigour	Maturity	Structure	Defects	Landscape sig.	Life Expectancy	Retention value	Comments
475	<i>Melaleuca quinquenervia</i>	Broad leaved paperbark	14	8	560	560	6720	2594	Good	Mature	Fair	Bark Inclusion	Low	Medium	Medium	
476	<i>Melaleuca quinquenervia</i>	Broad leaved paperbark	10	4	380	400	4560	2252	Fair	Semi-mature	Fair	Bark Inclusion	Low	Medium	Medium	
477	<i>Banksia integrifolia</i>	Coast Banksia	3	2	30	45	2000	1500	Fair	Juvenile	Fair	Bark Inclusion	Low	Medium	Low	
478	Dead Tree	Dead Tree	12	14	340	460	4080	2388	Dead	Mature	Fair	Bark Inclusion	Low	Medium	Medium	
479	<i>Ficus rubiginosa</i>	Port Jackson Fig	6	3	140	200	2000	1683	Good	Juvenile	Fair	No significant defects noted	Low	Long	Medium	
480	<i>Ficus rubiginosa</i>	Port Jackson Fig	6	3	140	200	2000	1683	Good	Mature	Fair	No significant defects noted	Low	Medium	Medium	
481	<i>Eucalyptus elata</i>	River Peppermint	24	11	495	515	5940	2504	Poor	Mature	Fair	No significant defects noted	Medium	Short	Low	
482	<i>Corymbia maculata</i>	Spotted Gum	24	14	800	950	9600	3239	Fair	Mature	Fair	No significant defects noted	High	Short	Low	
483	<i>Ligustrum lucidum</i>	Large Leaf Privet	5	3	150	200	2000	1683	Good	Juvenile	Fair	No significant defects noted	Low	Remove	Very low	
484	<i>Ligustrum lucidum</i>	Large Leaf Privet	5	3	150	200	2000	1683	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
485	Dead Tree	Dead Tree	4	1	350	375	4200	2192	Dead	Mature	Fair	No significant defects noted	Low	Medium	Low	
486	<i>Eucalyptus elata</i>	River Peppermint	26	16	470	535	5640	2545	Fair	Mature	Poor	Poor tree form	Low	Medium	Medium	
487	<i>Ficus rubiginosa</i>	Port Jackson Fig	12	10	560	640	6720	2744	Fair	Mature	Fair	Die back general	Medium	Medium	Medium	
488	Dead Tree	Dead Tree	22	20	445	680	5340	2814	Dead	Mature	Fair	Die back general	Medium	Medium	Medium	
489	<i>Eucalyptus elata</i>	River Peppermint	20	18	450	700	5400	2849	Fair	Mature	Poor	Poor tree form	Medium	Medium	Medium	
490	<i>Melaleuca quinquenervia</i>	Broad leaved paperbark	15	10	450	520	5400	2515	Good	Mature	Fair	Bark Inclusion	Medium	Medium	Medium	
491	<i>Melaleuca quinquenervia</i>	Broad leaved paperbark	15	10	450	520	5400	2515	Good	Mature	Fair	Bark Inclusion	Medium	Medium	Medium	
492	<i>Melaleuca quinquenervia</i>	Broad leaved paperbark	15	10	1200	1100	14400	3445	Good	Mature	Fair	Bark Inclusion	Medium	Medium	Medium	
493	<i>Melaleuca quinquenervia</i>	Broad leaved paperbark	15	10	1080	1000	12960	3309	Good	Mature	Fair	Bark Inclusion	Medium	Medium	Medium	
494	<i>Melaleuca quinquenervia</i>	Broad leaved paperbark	18	15	1350	1300	15000	3695	Good	Mature	Fair	Bark Inclusion	Medium	Medium	Medium	
495	<i>Melaleuca quinquenervia</i>	Broad leaved paperbark	6	3	150	240	2000	1817	Good	Juvenile	Fair	No significant defects noted	Medium	Long	High	
496	<i>Casuarina glauca</i>	Swamp She-Oak	11	3	185	300	2220	1996	Good	Semi-mature	Fair	No significant defects noted	Low	Medium	Medium	
497	<i>Casuarina glauca</i>	Swamp She-Oak	14	4	280	325	3360	2064	Good	Semi-mature	Fair	No significant defects noted	Low	Medium	Medium	

Tree no.	Botanical name	Common name	Height (m)	Spread(m)	DBH (mm)	DAB (mm)	TPZ (mm)	SRZ (mm)	Vigour	Maturity	Structure	Defects	Landscape sig.	Life Expectancy	Retention value	Comments
498	<i>Casuarina glauca</i>	Swamp She-Oak	14	3	200	285	2400	1953	Fair	Semi-mature	Fair	No significant defects noted	Low	Medium	Medium	
499	<i>Melaleuca quinquenervia</i>	Broad leaved paperbark	4	3	260	290	3120	1968	Good	Semi-mature	Fair	No significant defects noted	Low	Medium	Low	
500	<i>Eucalyptus saligna</i>	Sydney Blue Gum	9	12	275	345	3300	2117	Good	Semi-mature	Poor	Poor tree form	Low	Short	Low	
501	<i>Eucalyptus elata</i>	River Peppermint	23	11	520	580	6240	2633	Fair	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
502	<i>Eucalyptus elata</i>	River Peppermint	23	8	430	480	5160	2431	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
503	<i>Dead Tree</i>	Dead Tree	22	12	400	485	4800	2442	Dead	Mature	Hazardous	No significant defects noted	Low	Remove	Very low	
504	<i>Ficus rubiginosa</i>	Port Jackson Fig	8	10	400	380	4800	2204	Good	Mature	Fair	No significant defects noted	Medium	Long	High	
505	<i>Ficus rubiginosa</i>	Port Jackson Fig	8	10	380	415	4560	2287	Good	Mature	Fair	No significant defects noted	Medium	Long	High	
506	<i>Eucalyptus saligna</i>	Sydney Blue Gum	10	8	300	360	3600	2155	Good	Semi-mature	Fair	No significant defects noted	Low	Medium	Medium	
507	<i>Melaleuca quinquenervia</i>	Broad leaved paperbark	3	2	100	160	2000	1533	Fair	Juvenile	Fair	Evidence of Decay	Low	Short	Low	
508	<i>Eucalyptus saligna</i>	Sydney Blue Gum	13	8	460	475	5520	2421	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
509	<i>Dead Tree</i>	Dead Tree	18	13	740	800	8880	3013	Dead	Dead	Hazardous	Hanging branches	Low	Remove	Very low	
510	<i>Eucalyptus elata</i>	River Peppermint	15	18	420	475	5040	2421	Good	Mature	Poor	Evidence of Decay	Medium	Short	Low	
511	<i>Eucalyptus saligna</i>	Sydney Blue Gum	22	15	440	660	5280	2779	Good	Mature	Fair	Mechanical damage	Medium	Medium	Medium	
512	<i>Eucalyptus saligna</i>	Sydney Blue Gum	22	9	300	355	3600	2142	Good	Mature	Fair	Mechanical damage	Medium	Medium	Medium	
513	<i>Eucalyptus saligna</i>	Sydney Blue Gum	22	13	400	595	4800	2661	Good	Mature	Fair	Mechanical damage	Medium	Medium	Medium	
514	<i>Populus deltoides</i>	Eastern Cottonwood	22	12	400	435	4800	2333	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
515	<i>Populus deltoides</i>	Eastern Cottonwood	24	19	1200	1300	14400	3695	Good	Mature	Fair	No significant defects noted	High	Medium	High	
516	<i>Eucalyptus robusta</i>	Swamp Mahogany	7	4	275	300	3300	1996	Good	Semi-mature	Fair	No significant defects noted	Low	Long	Medium	
517	<i>Toona ciliata</i>	Red Cedar	8	4	260	295	3120	1982	Good	Semi-mature	Fair	No significant defects noted	Low	Long	Medium	
518	<i>Casuarina glauca</i>	Swamp She-Oak	19	5	300	380	3600	2204	Good	Mature	Fair	No significant defects noted	Low	Medium	Medium	
519	<i>Populus deltoides</i>	Eastern Cottonwood	9	3	160	300	2000	1996	Good	Juvenile	Fair	No significant defects noted	Low	Short	Low	
520	<i>Populus deltoides</i>	Eastern Cottonwood	9	2	150	180	2000	1611	Good	Juvenile	Fair	No significant defects noted	Low	Short	Low	

Tree no.	Botanical name	Common name	Height (m)	Spread(m)	DBH (mm)	DAB (mm)	TPZ (mm)	SRZ (mm)	Vigour	Maturity	Structure	Defects	Landscape sig.	Life Expectancy	Retention value	Comments
521	<i>Cotoneaster spp.</i>	Cotoneaster	4	4	250	400	3000	2252	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
522	<i>Casuarina glauca</i>	Swamp She-Oak	8	2	150	180	2000	1611	Good	Juvenile	Fair	No significant defects noted	Low	Medium	Medium	
523	<i>Casuarina glauca</i>	Swamp She-Oak	13	5	300	385	3600	2216	Good	Mature	Fair	No significant defects noted	Low	Medium	Medium	
524	<i>Casuarina glauca</i>	Swamp She-Oak	5	1	80	115	2000	1500	Good	Juvenile	Fair	No significant defects noted	Low	Medium	Low	
525	<i>Casuarina glauca</i>	Swamp She-Oak	24	13	480	700	5760	2849	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
526	<i>Phoenix canariensis</i>	Canary Island Date Palm	6	4	400	475	3000	3000	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
527	<i>Phoenix canariensis</i>	Canary Island Date Palm	7	4	585	825	3000	3000	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
528	<i>Arbutus unedo</i>	Irish Strawberry Tree	8	4	300	350	3600	2129	Fair	Mature	Fair	Poor tree form	Low	Short	Low	
529	<i>Populus deltoides</i>	Eastern Cottonwood	23	11	360	400	4320	2252	Good	Mature	Fair	Poor tree form	Low	Medium	Medium	
530	<i>Casuarina glauca</i>	Swamp She-Oak	16	10	355	445	4260	2355	Good	Mature	Fair	Poor tree form	Medium	Medium	Medium	
531	<i>Pinus patula</i>	Mexican Weeping Pine	12	12	360	415	4320	2287	Fair	Mature	Fair	Poor tree form	Medium	Short	Low	
532	<i>Corymbia maculata</i>	Spotted Gum	22	20	500	680	6000	2814	Good	Mature	Fair	No significant defects noted	High	Medium	High	
533	<i>Dead Tree</i>	Dead Tree	8	10	340	385	4080	2216	Dead	Mature	Fair	No significant defects noted	Low	Remove	Very low	
534	<i>Jacaranda mimosifolia</i>	Jacaranda	14	14	380	455	4560	2377	Good	Mature	Fair	Affected by Anthracnose	Medium	Medium	Medium	
535	<i>Jacaranda mimosifolia</i>	Jacaranda	5	4	125	150	2000	1500	Good	Juvenile	Fair	No significant defects noted	Low	Long	Low	
536	<i>Liriodendron tulipifera</i>	Tulip Tree	11	5	380	400	4560	2252	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
537	<i>Jacaranda mimosifolia</i>	Jacaranda	8	9	340	385	4080	2216	Good	Semi-mature	Fair	Poor tree form	Low	Medium	Medium	
538	<i>Jacaranda mimosifolia</i>	Jacaranda	10	8	350	370	4200	2180	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
539	<i>Jacaranda mimosifolia</i>	Jacaranda	10	8	350	370	4200	2180	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
540	<i>Jacaranda mimosifolia</i>	Jacaranda	10	12	400	465	4800	2399	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
541	<i>Eucalyptus robusta</i>	Swamp Mahogany	10	8	280	350	3360	2129	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
542	<i>Dead Tree</i>	Dead Tree	8	3	180	230	2160	1785	Dead	Mature	Fair	No significant defects noted	Low	Remove	Very low	

Tree no.	Botanical name	Common name	Height (m)	Spread(m)	DBH (mm)	DAB (mm)	TPZ (mm)	SRZ (mm)	Vigour	Maturity	Structure	Defects	Landscape sig.	Life Expectancy	Retention value	Comments
543	<i>Corymbia maculata</i>	Spotted Gum	18	10	400	585	4800	2642	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
544	<i>Casuarina glauca</i>	Swamp She-Oak	19	8	345	475	4140	2421	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
545	<i>Eucalyptus robusta</i>	Swamp Mahogany	10	4	240	265	2880	1895	Good	Semi-mature	Fair	Poor tree form	Low	Medium	Medium	
546	<i>Eucalyptus saligna</i>	Sydney Blue Gum	10	4	240	320	2880	2051	Good	Semi-mature	Fair	Poor tree form	Low	Medium	Medium	
547	<i>Eucalyptus robusta</i>	Swamp Mahogany	18	12	475	700	5700	2849	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
548	<i>Murraya paniculata</i>	Mock Orange	3	2	30	50	2000	1500	Good	Juvenile	Fair	No significant defects noted	Low	Medium	Low	
549	<i>Corymbia maculata</i>	Spotted Gum	22	16	640	765	7680	2957	Good	Mature	Fair	No significant defects noted	High	Medium	High	
550	<i>Casuarina glauca</i>	Swamp She-Oak	18	6	385	500	4620	2474	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
551	<i>Casuarina glauca</i>	Swamp She-Oak	14	6	360	375	4320	2192	Fair	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
552	<i>Ficus rubiginosa</i>	Port Jackson Fig	12	14	500	550	6000	2575	Good	Mature	Fair	No significant defects noted	Medium	Long	High	
553	<i>Dead Tree</i>	Dead Tree	5	4	1100	1150	13200	3509	Dead	Mature	Fair	No significant defects noted	Medium	Medium	Low	
554	<i>Casuarina glauca</i>	Swamp She-Oak	6	2	150	180	2000	1611	Good	Juvenile	Fair	No significant defects noted	Low	Medium	Medium	
555	<i>Casuarina glauca</i>	Swamp She-Oak	6	2	150	180	2000	1611	Good	Mature	Fair	No significant defects noted	Low	Medium	Medium	
556	<i>Casuarina glauca</i>	Swamp She-Oak	6	2	150	180	2000	1611	Good	Mature	Fair	No significant defects noted	Low	Medium	Medium	
557	<i>Casuarina glauca</i>	Swamp She-Oak	6	2	150	180	2000	1611	Good	Mature	Fair	No significant defects noted	Low	Medium	Medium	
558	<i>Casuarina glauca</i>	Swamp She-Oak	6	2	150	180	2000	1611	Good	Mature	Fair	No significant defects noted	Low	Medium	Medium	
559	<i>Casuarina glauca</i>	Swamp She-Oak	6	2	150	180	2000	1611	Good	Mature	Fair	No significant defects noted	Low	Medium	Medium	
560	<i>Casuarina glauca</i>	Swamp She-Oak	6	2	150	180	2000	1611	Good	Mature	Fair	No significant defects noted	Low	Medium	Medium	
561	<i>Casuarina glauca</i>	Swamp She-Oak	14	7	450	550	5400	2575	Fair	Mature	Fair	No significant defects noted	Medium	Short	Low	
562	<i>Casuarina cunninghamiana</i>	River She-Oak	18	10	500	650	6000	2762	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
563	<i>Acacia floribunda</i>	Golden Wattle	3	2	50	75	2000	1500	Good	Juvenile	Fair	No significant defects noted	Low	Short	Low	
564	<i>Casuarina cunninghamiana</i>	River She-Oak	11	7	330	360	3960	2155	Good	Mature	Fair	Poor tree form	Low	Medium	Medium	
565	<i>Eucalyptus robusta</i>	Swamp Mahogany	4	2	30	50	2000	1500	Fair	Juvenile	Fair	No significant defects noted	Low	Medium	Low	

Tree no.	Botanical name	Common name	Height (m)	Spread(m)	DBH (mm)	DAB (mm)	TPZ (mm)	SRZ (mm)	Vigour	Maturity	Structure	Defects	Landscape sig.	Life Expectancy	Retention value	Comments
566	<i>Erythrina crista-galli</i>	Cockscorb Coral	3	3	250	300	3000	1996	Fair	Juvenile	Poor	No significant defects noted	Low	Short	Low	
567	<i>Eucalyptus saligna</i>	Sydney Blue Gum	12	4	300	350	3600	2129	Good	Mature	Good	No significant defects noted	Low	Medium	Medium	
568	<i>Acacia floribunda</i>	Golden Wattle	3	3	50	75	2000	1500	Good	Semi-mature	Fair	No significant defects noted	Low	Short	Low	
569	<i>Acacia floribunda</i>	Golden Wattle	3	3	50	75	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
570	<i>Eucalyptus saligna</i>	Sydney Blue Gum	6	2	120	165	2000	1553	Good	Juvenile	Fair	No significant defects noted	Low	Long	Medium	
571	<i>Eucalyptus saligna</i>	Sydney Blue Gum	16	8	375	435	4500	2333	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
572	<i>Eucalyptus saligna</i>	Sydney Blue Gum	16	8	375	435	4500	2333	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
573	<i>Grevillea robusta</i>	Silky Oak	14	10	500	540	6000	2555	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
574	<i>Ficus rubiginosa</i>	Port Jackson Fig	10	13	450	475	5400	2421	Good	Mature	Fair	No significant defects noted	Medium	Long	High	
575	<i>Araucaria columnaris</i>	Cook Pine	12	3	300	355	3600	2142	Good	Semi-mature	Fair	No significant defects noted	Low	Long	Medium	
576	<i>Corymbia maculata</i>	Spotted Gum	4	2	40	80	2000	1500	Fair	Juvenile	Fair	No significant defects noted	Low	Medium	Low	
577	<i>Ficus microcarpa</i> var. <i>hillii</i>	Hills Fig	9	10	380	415	4560	2287	Good	Semi-mature	Fair	No significant defects noted	Medium	Long	High	
578	<i>Corymbia maculata</i>	Spotted Gum	4	1	40	65	2000	1500	Poor	Juvenile	Fair	No significant defects noted	Low	Short	Low	
579	<i>Angophora costata</i>	Sydney Red Gum	3	1	40	60	2000	1500	Poor	Juvenile	Fair	No significant defects noted	Low	Short	Low	
580	<i>Eucalyptus saligna</i>	Sydney Blue Gum	7	3	240	280	2880	1939	Good	Juvenile	Fair	No significant defects noted	Low	Long	Medium	
581	<i>Eucalyptus saligna</i>	Sydney Blue Gum	7	2	180	200	2160	1683	Fair	Juvenile	Fair	No significant defects noted	Low	Medium	Medium	
582	<i>Melaleuca styphelioides</i>	Prickly paperbark	3	2	50	75	2000	1500	Fair	Juvenile	Fair	No significant defects noted	Low	Medium	Low	
583	<i>Eucalyptus saligna</i>	Sydney Blue Gum	4	2	55	85	2000	1500	Fair	Juvenile	Fair	No significant defects noted	Low	Medium	Low	
584	<i>Corymbia maculata</i>	Spotted Gum	7	3	200	240	2400	1817	Good	Juvenile	Fair	No significant defects noted	Low	Long	Medium	
585	<i>Casuarina glauca</i>	Swamp She-Oak	6	2	85	120	2000	1500	Good	Juvenile	Fair	No significant defects noted	Low	Medium	Medium	
586	<i>Melaleuca styphelioides</i>	Prickly paperbark	5	2	65	85	2000	1500	Good	Juvenile	Fair	No significant defects noted	Low	Medium	Low	
587	<i>Melaleuca styphelioides</i>	Prickly paperbark	5	2	65	85	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
588	<i>Eucalyptus saligna</i>	Sydney Blue Gum	4	3	100	140	2000	1500	Good	Juvenile	Fair	No significant defects noted	Low	Long	Low	

Tree no.	Botanical name	Common name	Height (m)	Spread(m)	DBH (mm)	DAB (mm)	TPZ (mm)	SRZ (mm)	Vigour	Maturity	Structure	Defects	Landscape sig.	Life Expectancy	Retention value	Comments
589	<i>Platanus x acerifolia</i>	London Plane Tree	3	2	25	45	2000	1500	Poor	Juvenile	Fair	No significant defects noted	Low	Short	Low	
590	<i>Melaleuca styphelioides</i> x 2	Prickly paperbark	4	3	75	100	2000	1500	Fair	Juvenile	Fair	No significant defects noted	Low	Short	Low	
591	Dead Tree	Dead Tree	10	8	1000	1000	12000	3309	Dead	Mature	Fair	No significant defects noted	Low	Medium	Medium	
592	<i>Eucalyptus botryoides</i>	Bangalay	5	3	200	240	2400	1817	Good	Juvenile	Fair	No significant defects noted	Low	Long	Medium	
593	<i>Eucalyptus punctata</i>	Grey Gum	8	4	225	275	2700	1924	Good	Juvenile	Fair	No significant defects noted	Low	Long	Medium	
594	<i>Melaleuca styphelioides</i>	Prickly paperbark	5	2	80	140	2000	1500	Good	Juvenile	Fair	No significant defects noted	Low	Long	Medium	
595	<i>Casuarina glauca</i>	Swamp She-Oak	4	2	80	100	2000	1500	Good	Juvenile	Fair	No significant defects noted	Low	Medium	Low	
596	<i>Melaleuca styphelioides</i>	Prickly paperbark	4	2	55	80	2000	1500	Good	Juvenile	Fair	No significant defects noted	Low	Medium	Low	
597	<i>Eucalyptus botryoides</i>	Bangalay	7	3	200	250	2400	1849	Good	Juvenile	Fair	No significant defects noted	Low	Long	Medium	
598	<i>Melaleuca styphelioides</i>	Prickly paperbark	5	2	85	135	2000	1500	Poor	Juvenile	Fair	No significant defects noted	Low	Short	Low	
599	<i>Melaleuca styphelioides</i>	Prickly paperbark	5	3	135	240	2000	1817	Good	Juvenile	Fair	No significant defects noted	Low	Medium	Low	
600	<i>Melaleuca styphelioides</i>	Prickly paperbark	3	2	35	80	2000	1500	Poor	Juvenile	Fair	No significant defects noted	Low	Short	Low	
601	<i>Pinus radiata</i>	Monterey Pine	7	9	500	560	6000	2594	Poor	Semi-mature	Fair	No significant defects noted	Low	Short	Low	
602	<i>Casuarina glauca</i>	Swamp She-Oak	6	3	200	275	2400	1924	Good	Juvenile	Fair	No significant defects noted	Low	Medium	Medium	
603	<i>Eucalyptus botryoides</i>	Bangalay	5	3	170	225	2040	1769	Good	Juvenile	Fair	No significant defects noted	Low	Long	Low	
604	<i>Melaleuca styphelioides</i>	Prickly paperbark	4	3	75	135	2000	1500	Poor	Juvenile	Fair	No significant defects noted	Low	Short	Low	
605	<i>Eucalyptus botryoides</i>	Bangalay	6	3	200	245	2400	1833	Good	Juvenile	Fair	No significant defects noted	Low	Long	Medium	
606	<i>Casuarina glauca</i>	Swamp She-Oak	6	3	135	155	2000	1512	Good	Juvenile	Fair	No significant defects noted	Low	Medium	Medium	
607	Dead Tree	Dead Tree	5	5	500	650	6000	2762	Dead	Mature	Fair	No significant defects noted	Low	Medium	Low	
608	<i>Melaleuca styphelioides</i>	Prickly paperbark	5	3	100	125	2000	1500	Fair	Juvenile	Fair	No significant defects noted	Low	Medium	Low	
609	<i>Ficus rubiginosa</i>	Port Jackson Fig	8	7	300	345	3600	2117	Good	Semi-mature	Fair	No significant defects noted	Medium	Long	High	
610	Dead Tree	Dead Tree	3	1	500	550	6000	2575	Dead	Mature	Fair	No significant defects noted	Medium	Medium	Low	
611	<i>Casuarina glauca</i>	Swamp She-Oak	13	6	385	400	4620	2252	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
612	<i>Casuarina glauca</i>	Swamp She-	13	5	330	410	3960	2276	Fair	Mature	Fair	No significant defects noted	Medium	Short	Low	

Tree no.	Botanical name	Common name	Height (m)	Spread(m)	DBH (mm)	DAB (mm)	TPZ (mm)	SRZ (mm)	Vigour	Maturity	Structure	Defects	Landscape sig.	Life Expectancy	Retention value	Comments
		Oak														
613	<i>Casuarina glauca</i>	Swamp She-Oak	13	5	300	400	3600	2252	Poor	Mature	Fair	No significant defects noted	Medium	Short	Low	
614	<i>Casuarina glauca</i>	Swamp She-Oak	12	6	320	400	3840	2252	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
615	<i>Casuarina glauca</i>	Swamp She-Oak	10	5	240	300	2880	1996	Fair	Semi-mature	Poor	Poor tree form	Low	Medium	Medium	
616	<i>Casuarina glauca</i>	Swamp She-Oak	13	7	355	425	4260	2310	Fair	Mature	Fair	Root damage	Medium	Medium	Medium	
617	<i>Casuarina glauca</i>	Swamp She-Oak	13	7	355	425	4260	2310	Good	Mature	Fair	Root damage	Medium	Medium	Medium	
618	<i>Syncarpia glomulifera</i>	Turpentine	7	4	300	355	3600	2142	Good	Semi-mature	Fair	No significant defects noted	Low	Medium	Medium	
619	<i>Eucalyptus robusta</i>	Swamp Mahogany	15	12	650	600	7800	2670	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
620	<i>Syncarpia glomulifera</i>	Turpentine	6	5	400	450	4800	2366	Fair	Mature	Fair	No significant defects noted	Low	Short	Low	
621	<i>Melaleuca styphelioides</i>	Prickly paperbark	3	3	100	130	2000	1500	Fair	Juvenile		No significant defects noted	Low	Short	Low	
622	<i>Ulmus parvifolia</i>	Chinese Elm	12	12	380	420	4560	2299	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
623	<i>Ulmus parvifolia</i>	Chinese Elm	9	13	430	450	5160	2366	Good	Mature	Fair	No significant defects noted	Medium	Long	High	
624	<i>Corymbia ficifolia</i>	Dwarf flowering Gum	4	3	150	180	2000	1611	Good	Semi-mature	Fair	No significant defects noted	Low	Medium	Low	
625	<i>Eucalyptus robusta</i>	swamp mahogany	6	3	190	300	2280	1996	Fair	Semi-mature	Fair	No significant defects noted	Low	Short	Low	
626	<i>Melaleuca styphelioides</i>	Prickly paperbark	5	2	100	140	2000	1500	Fair	Juvenile	Fair	No significant defects noted	Low	Short	Low	
627	<i>Melaleuca styphelioides</i>	Prickly paperbark	5	2	100	140	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
628	<i>Eucalyptus parramattensis</i>	Parramatta Red Gum	5	2	120	185	2000	1629	Good	Juvenile	Fair	No significant defects noted	Low	Medium	Low	
629	<i>Melaleuca styphelioides</i>	Prickly paperbark	4	2	50	75	2000	1500	Good	Juvenile	Fair	No significant defects noted	Low	Short	Low	
630	<i>Corymbia gummifera</i>	Red Bloodwood	4	2	70	80	2000	1500	Good	Juvenile	Fair	No significant defects noted	Low	Medium	Low	
631	<i>Angophora costata</i>	Sydney Red Gum	6	4	275	320	3300	2051	Good	Juvenile	Fair	No significant defects noted	Low	Long	Medium	
632	<i>Corymbia gummifera</i>	Red Bloodwood	5	3	165	200	2000	1683	Good	Juvenile	Fair	No significant defects noted	Low	Medium	Low	
633	<i>Melaleuca quinquenervia</i>	Broad leaved paperbark	5	2	150	200	2000	1683	Fair	Juvenile	Fair	No significant defects noted	Low	Medium	Low	
634	<i>Angophora costata</i>	Sydney Red Gum	5	4	200	265	2400	1895	Good	Juvenile	Fair	No significant defects noted	Low	Long	Medium	
635	<i>Corymbia</i>	Red Bloodwood	3	2	40	45	2000	1500	Good	Juvenile	Fair	No significant defects noted	Low	Long	Medium	

Tree no.	Botanical name	Common name	Height (m)	Spread(m)	DBH (mm)	DAB (mm)	TPZ (mm)	SRZ (mm)	Vigour	Maturity	Structure	Defects	Landscape sig.	Life Expectancy	Retention value	Comments
	<i>gummifera</i>															
636	<i>Corymbia gummifera</i>	Red Bloodwood	5	2	75	100	2000	1500	Good	Juvenile	Good	No significant defects noted	Low	Long	Medium	
637	<i>Angophora costata</i>	Sydney Red Gum	5	3	225	275	2700	1924	Good	Juvenile	Good	No significant defects noted	Low	Long	Medium	
638	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	4	2	230	275	2760	1924	Good	Juvenile	Fair	No significant defects noted	Low	Medium	Low	
639	<i>Dead Tree</i>	Dead Tree	4	1	50	100	2000	1500	Dead	Dead	Fair	Dead	Low	Dead	Very low	
640	<i>Corymbia maculata</i>	Red Bloodwood	4	1	50	100	2000	1500	Good	Juvenile	Fair	No significant defects noted	Low	Medium	low	
641	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	4	1	50	100	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	low	
642	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	5	2	100	200	2000	1683	Good	Mature	Fair	No significant defects noted	Low	Medium	low	
643	<i>Corymbia gummifera</i>	Red Bloodwood	4	2	100	150	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	low	
644	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	4	2	100	150	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	low	
645	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	4	2	100	150	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	low	
646	<i>Angophora costata</i>	Sydney Red Gum	5	3	200	235	2400	1801	Good	Mature	Fair	No significant defects noted	Low	Medium	low	
647	<i>Angophora costata</i>	Sydney Red Gum	5	3	220	300	2640	1996	Good	Mature	Fair	No significant defects noted	Low	Medium	low	
648	<i>Corymbia gummifera</i>	Red Bloodwood	3	2	100	140	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	low	
649	<i>Angophora costata</i>	Sydney Red Gum	5	3	100	140	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	low	
650	<i>Eucalyptus saligna</i>	Sydney Blue Gum	6	3	120	200	2000	1683	Good	Mature	Fair	No significant defects noted	Low	Medium	Medium	
651	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	4	2	100	210	2000	1718	Poor	Mature	Fair	No significant defects noted	Low	Medium	low	
652	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	3	2	50	150	2000	1500	Poor	Mature	Fair	No significant defects noted	Low	Medium	low	
653	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	3	2	45	75	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	low	
654	<i>Angophora costata</i>	Sydney Red Gum	10	5	300	360	3600	2155	Good	Mature	Fair	No significant defects noted	Low	Medium	Medium	
655	<i>Ficus benjamina</i>	Weeping Fig	4	8	285	345	3420	2117	Good	Mature	Fair	No significant defects noted	Low	Medium	low	
656	<i>Corymbia gummifera</i>	Red Bloodwood	6	2	100	150	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	Medium	
657	<i>Angophora costata</i>	Sydney Red Gum	6	3	220	255	2640	1864	Good	Mature	Fair	No significant defects noted	Low	Medium	Medium	

Tree no.	Botanical name	Common name	Height (m)	Spread(m)	DBH (mm)	DAB (mm)	TPZ (mm)	SRZ (mm)	Vigour	Maturity	Structure	Defects	Landscape sig.	Life Expectancy	Retention value	Comments
658	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	3	2	60	130	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	low	
659	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	5	2	100	200	2000	1683	Good	Mature	Fair	No significant defects noted	Low	Medium	low	
660	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	5	2	210	265	2520	1895	Fair	Mature	Fair	No significant defects noted	Low	Medium	low	
661	<i>Corymbia gummifera</i>	Red Bloodwood	5	2	100	140	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	low	
662	<i>Corymbia gummifera</i>	Red Bloodwood	3	2	60	100	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	low	
663	<i>Angophora costata</i>	Sydney Red Gum	6	3	255	355	3060	2142	Good	Mature	Fair	No significant defects noted	Low	Medium	Medium	
664	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	4	2	100	120	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	low	
665	<i>Angophora costata</i>	Sydney Red Gum	6	3	150	200	2000	1683	Good	Mature	Fair	No significant defects noted	Low	Medium	Medium	
666	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	3	2	75	140	2000	1500	Poor	Mature	Fair	No significant defects noted	Low	Medium	low	
667	<i>Angophora costata</i>	Sydney Red Gum	8	3	185	240	2220	1817	Good	Mature	Fair	No significant defects noted	Low	Medium	Medium	
668	<i>Angophora costata</i>	Sydney Red Gum	8	3	185	240	2220	1817	Good	Mature	Fair	No significant defects noted	Low	Medium	Medium	
669	<i>Corymbia gummifera</i>	Red Bloodwood	5	2	70	100	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	low	
670	<i>Angophora costata</i>	Sydney Red Gum	8	4	240	300	2880	1996	Good	Mature	Fair	No significant defects noted	Low	Medium	Medium	
671	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	5	5	260	400	3120	2252	Good	Mature	Fair	No significant defects noted	Low	Medium	low	
672	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	3	2	50	85	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	low	
673	<i>Angophora costata</i>	Sydney Red Gum	10	4	280	340	3360	2104	Good	Mature	Fair	No significant defects noted	Low	Medium	Medium	
674	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	4	3	80	120	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	low	
675	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	4	3	80	120	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	low	
676	<i>Dead Tree</i>	Dead Tree	4	1	50	100	2000	1500	Dead	Dead	Fair	Dead	Low	Dead	Very low	
677	<i>Casuarina glauca</i>	Swamp She-Oak	8	2	110	150	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	Medium	
678	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	8	4	280	350	3360	2129	Good	Mature	Fair	No significant defects noted	Low	Medium	Medium	
679	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	3	3	100	200	2000	1683	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
680	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	3	3	100	200	2000	1683	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	

Tree no.	Botanical name	Common name	Height (m)	Spread(m)	DBH (mm)	DAB (mm)	TPZ (mm)	SRZ (mm)	Vigour	Maturity	Structure	Defects	Landscape sig.	Life Expectancy	Retention value	Comments
681	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	3	3	100	200	2000	1683	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
682	<i>Angophora costata</i>	Sydney Red Gum	7	3	210	290	2520	1968	Good	Mature	Fair	No significant defects noted	Low	Medium	Medium	
683	<i>Corymbia gummifera</i>	Red Bloodwood	5	2	100	130	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
684	<i>Corymbia gummifera</i>	Red Bloodwood	3	2	70	85	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
685	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	4	2	125	180	2000	1611	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
686	<i>Angophora costata</i>	Sydney Red Gum	8	4	240	300	2880	1996	Good	Mature	Fair	No significant defects noted	Low	Medium	Medium	
687	<i>Angophora costata</i>	Sydney Red Gum	8	4	200	285	2400	1953	Good	Mature	Fair	No significant defects noted	Low	Medium	Medium	
688	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	4	2	85	120	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
689	<i>Casuarina glauca</i>	Swamp She-Oak	8	3	225	290	2700	1968	Good	Mature	Fair	No significant defects noted	Low	Medium	Medium	
690	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	4	7	450	700	5400	2849	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
691	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	7	3	240	300	2880	1996	Good	Mature	Fair	No significant defects noted	Low	Medium	Medium	
692	<i>Casuarina glauca</i>	Swamp She-Oak	8	2	110	175	2000	1592	Good	Mature	Fair	No significant defects noted	Low	Medium	Medium	
693	<i>Angophora costata</i>	Sydney Red Gum	8	5	275	345	3300	2117	Good	Mature	Fair	No significant defects noted	Low	Medium	Medium	
694	<i>Corymbia gummifera</i>	Red Bloodwood	3	1	45	65	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
695	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	4	1	85	135	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
696	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	4	3	100	150	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
697	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	4	3	100	150	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
698	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	4	3	135	185	2000	1629	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
699	<i>Angophora costata</i>	Sydney Red Gum	5	2	50	70	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
700	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	4	3	100	120	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
701	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	10	12	1000	1100	12000	3445	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
702	<i>Corymbia gummifera</i>	Red Bloodwood	4	1	25	35	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
703	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	4	3	80	135	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	

Tree no.	Botanical name	Common name	Height (m)	Spread(m)	DBH (mm)	DAB (mm)	TPZ (mm)	SRZ (mm)	Vigour	Maturity	Structure	Defects	Landscape sig.	Life Expectancy	Retention value	Comments
704	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	5	2	120	200	2000	1683	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
705	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	4	2	100	155	2000	1512	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
706	<i>Casuarina glauca</i>	Swamp She-Oak	6	3	200	280	2400	1939	Good	Mature	Fair	No significant defects noted	Low	Medium	Medium	
707	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	4	2	70	110	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
708	<i>Corymbia maculata</i>	Spotted Gum	4	2	100	160	2000	1533	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
709	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	4	2	80	110	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
710	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	4	2	80	110	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
711	<i>Corymbia gummifera</i>	Red Bloodwood	4	2	80	110	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
712	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	3	2	40	75	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
713	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	5	2	100	135	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
714	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	8	4	335	385	4020	2216	Good	Mature	Fair	No significant defects noted	Low	Medium	Medium	
715	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	10	12	650	700	7800	2849	Fair	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
716	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	3	2	40	65	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
717	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	3	2	40	65	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
718	<i>Corymbia gummifera</i>	Red Bloodwood	4	2	80	120	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
719	<i>Angophora costata</i>	Sydney Red Gum	7	3	195	245	2340	1833	Good	Mature	Fair	No significant defects noted	Low	Medium	Medium	
720	<i>Acacia longifolia</i>	Golden Wattle	6	4	200	240	2400	1817	Good	Mature	Fair	No significant defects noted	Low	Short	Low	
721	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	5	3	185	285	2220	1953	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
722	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	6	2	100	150	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	Medium	
723	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	9	4	380	400	4560	2252	Good	Mature	Fair	No significant defects noted	Low	Medium	Medium	
724	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	5	2	100	120	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
725	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	5	2	100	120	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
726	<i>Angophora costata</i>	Sydney Red Gum	5	1	50	75	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	

Tree no.	Botanical name	Common name	Height (m)	Spread(m)	DBH (mm)	DAB (mm)	TPZ (mm)	SRZ (mm)	Vigour	Maturity	Structure	Defects	Landscape sig.	Life Expectancy	Retention value	Comments
727	<i>Angophora costata</i>	Sydney Red Gum	5	1	50	75	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
728	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	5	3	200	240	2400	1817	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
729	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	4	2	100	150	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
730	<i>Angophora costata</i>	Sydney Red Gum	5	2	120	200	2000	1683	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
731	<i>Angophora costata</i>	Sydney Red Gum	4	2	110	200	2000	1683	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
732	<i>Angophora costata</i>	Sydney Red Gum	5	2	110	180	2000	1611	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
733	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	5	3	150	300	2000	1996	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
734	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	4	2	85	120	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
735	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	4	2	85	120	2000	1500	Fair	Mature	Fair	No significant defects noted	Low	Medium	Low	
736	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	12	12	580	640	6960	2744	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
737	<i>Eucalyptus elata</i>	River Peppermint	15	15	550	800	6600	3013	Poor	Dead	Poor	Main tree dead, suckers from base	Medium	Short	Low	
738	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	3	2	85	120	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
739	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	6	2	85	120	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	Medium	
740	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	5	2	65	80	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
741	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	5	2	100	160	2000	1533	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
742	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	3	1	50	100	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
743	<i>Angophora costata</i>	Sydney Red Gum	4	1	85	135	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
744	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	4	2	110	150	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
745	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	4	2	50	100	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
746	<i>Angophora costata</i>	Sydney Red Gum	3	1	40	80	2000	1500	Fair	Mature	Fair	No significant defects noted	Low	Medium	Low	
747	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	5	2	140	180	2000	1611	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
748	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	4	2	55	85	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
749	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	5	3	160	185	2000	1629	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	

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750	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	5	3	160	185	2000	1629	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
751	<i>Angophora costata</i>	Sydney Red Gum	7	3	180	265	2160	1895	Good	Mature	Fair	No significant defects noted	Low	Medium	Medium	
752	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	4	3	200	240	2400	1817	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
753	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	4	2	80	120	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
754	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	4	2	80	120	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
755	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	4	2	80	120	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
756	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	4	2	80	120	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
757	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	4	2	80	120	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
758	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	4	2	80	120	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
759	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	4	2	80	120	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
760	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	5	2	120	200	2000	1683	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
761	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	5	2	120	200	2000	1683	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
762	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	5	2	120	200	2000	1683	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
763	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	4	2	80	120	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
764	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	4	2	80	120	2000	1500	Poor	Mature	Fair	No significant defects noted	Low	Medium	Low	
765	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	4	2	80	120	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
766	<i>Dead Tree</i>	Dead Tree	6	1	80	125	2000	1500	Dead	Dead	Fair	Dead	Low	Dead	Very low	
767	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	5	2	200	250	2400	1849	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
768	<i>Dead Tree</i>	Dead Tree	3	1	50	75	2000	1500	Dead	Dead	Fair	Dead	Low	Dead	Very low	
769	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	4	2	80	120	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
770	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	4	2	100	120	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
771	<i>Dead Tree</i>	Dead Tree	4	1	85	120	2000	1500	Dead	Dead	Fair	Dead	Low	Dead	Very low	
772	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	15	13	1050	1200	12600	3573	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	

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773	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	4	2	85	120	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
774	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	5	3	160	215	2000	1735	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
775	<i>Dead Tree</i>	Dead Tree	4	1	50	75	2000	1500	Dead	Dead	Fair	Dead	Low	Dead	Very low	
776	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	4	2	135	170	2000	1572	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
777	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	5	3	200	300	2400	1996	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
778	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	4	2	70	125	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
779	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	4	2	70	125	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
780	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	4	2	70	125	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
781	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	4	2	70	125	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
782	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	5	3	100	175	2000	1592	Poor	Mature	Fair	No significant defects noted	Low	Medium	Low	
783	<i>Kunzea ambigua</i>	Tick Bush	3	2	40	140	2000	1500	Poor	Mature	Fair	No significant defects noted	Low	Short	Low	
784	<i>Kunzea ambigua</i>	Tick Bush	3	2	40	140	2000	1500	Fair	Mature	Fair	No significant defects noted	Low	Short	Low	
785	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	5	3	200	340	2400	2104	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
786	<i>Kunzea ambigua</i>	Tick Bush	3	2	50	85	2000	1500	Poor	Mature	Fair	No significant defects noted	Low	Short	Low	
787	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	15	10	1060	1245	12720	3628	Good	Mature	Fair	No significant defects noted	High	Medium	High	
788	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	5	3	110	200	2000	1683	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
789	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	16	14	880	1265	10560	3653	Good	Mature	Fair	Bark Inclusion	High	Medium	High	
790	<i>Acmena smithii</i>	Lili Pili	5	7	300	440	3600	2344	Good	Mature	Fair	Bark Inclusion	Low	Medium	Low	
791	<i>Acmena smithii</i>	Lili Pili	5	3	200	250	2400	1849	Good	Mature	Fair	Bark Inclusion	Low	Medium	Low	
792	<i>Acmena smithii</i>	Lili Pili	5	3	155	240	2000	1817	Good	Mature	Fair	Bark Inclusion	Low	Medium	Low	
793	<i>Acmena smithii</i>	Lili Pili	5	5	265	440	3180	2344	Good	Mature	Fair	Bark Inclusion	Low	Medium	Low	
794	<i>Acmena smithii</i>	Lili Pili	5	5	240	355	2880	2142	Good	Mature	Fair	Bark Inclusion	Low	Medium	Low	
795	<i>Ficus rubiginosa</i>	Port Jackson Fig	10	10	400	460	4800	2388	Good	Mature	Fair	Bark Inclusion	Low	Medium	Medium	
796	<i>Casuarina glauca</i>	Swamp She-Oak	14	4	265	355	3180	2142	Good	Mature	Fair	Bark Inclusion	Low	Medium	Medium	
797	<i>Grevillea robusta</i>	Silky Oak	3	1	40	50	2000	1500	Good	Mature	Fair	Bark Inclusion	Low	Medium	Low	

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798	<i>Metrosideros excelsa</i>	New Zealand Xmas Bush	3	3	160	265	2000	1895	Fair	Mature	Fair	Bark Inclusion	Low	Medium	Low	
799	<i>Acmena smithii</i>	Lilli Pili	5	6	300	360	3600	2155	Good	Mature	Fair	Bark Inclusion	Low	Medium	Low	
800	<i>Metrosideros excelsa</i>	New Zealand Xmas Bush	3	4	200	300	2400	1996	Poor	Mature	Fair	Bark Inclusion	Low	Medium	Low	
801	<i>Dead Tree</i>	Dead Tree	12	12	460	600	5520	2670	Dead	Dead	Fair	Dead	Low	Dead	Very low	
802	<i>Grevillea robusta</i>	Silky Oak	20	16	800	860	9600	3106	Poor	Senescent	Fair	Bark Inclusion	Medium	Short	Medium	
803	<i>Casuarina glauca</i>	Swamp She-Oak	15	5	335	385	4020	2216	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
804	<i>Casuarina glauca</i>	Swamp She-Oak	15	5	340	415	4080	2287	Good	Mature	Poor	Bark Inclusion	Medium	Medium	Medium	
805	<i>Casuarina glauca</i>	Swamp She-Oak	15	5	340	415	4080	2287	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
806	<i>Casuarina glauca</i>	Swamp She-Oak	15	5	340	415	4080	2287	Good	Mature	Poor	Bark Inclusion	Medium	Medium	Medium	
807	<i>Casuarina glauca</i>	Swamp She-Oak	14	9	380	435	4560	2333	Good	Mature	Fair	Bark Inclusion	Medium	Medium	Medium	
808	<i>Eucalyptus haemastoma</i>	Scribbly Gum	12	10	365	425	4380	2310	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
809	<i>Eucalyptus nicholii</i>	Narrow Leaved Black Peppermint	14	13	1050	880	12600	3136	Poor	Senescent	Poor	Bark Inclusion	Medium	Short	Low	
810	<i>Araucaria columnaris</i>	Cook Pine	8	4	330	370	3960	2180	Good	Semi-mature	Good	No significant defects noted	Medium	Long	High	
811	<i>Araucaria columnaris</i>	Cook Pine	5	3	200	275	2400	1924	Good	Semi-mature	Good	No significant defects noted	Medium	Long	High	
812	<i>Pinus radiata</i>	Monterey Pine	8	7	390	400	4680	2252	Fair	Semi-mature	Fair	No significant defects noted	Low	Medium	Medium	
813	<i>Murraya paniculata</i>	Mock Orange	3	3	150	250	2000	1849	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
814	<i>Murraya paniculata</i>	Mock Orange	3	3	150	250	2000	1849	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
815	<i>Murraya paniculata</i>	Mock Orange	3	3	150	250	2000	1849	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
816	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	12	15	695	995	8340	3302	Good	Mature	Fair	Bark Inclusion	Medium	Medium	Medium	
817	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	11	14	680	880	8160	3136	Good	Mature	Fair	Bark Inclusion	Medium	Medium	Medium	
818	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	11	14	730	900	8760	3166	Good	Mature	Fair	Bark Inclusion	Medium	Medium	Medium	
819	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	10	10	550	600	6600	2670	Good	Mature	Fair	Bark Inclusion	Medium	Medium	Medium	
821	<i>Melaleuca</i>	Broad-leaved	12	13	840	920	10080	3195	Good	Mature	Fair	Bark Inclusion	Medium	Medium	Medium	

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	<i>quinquenervia</i>	Paperbark														
822	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	13	12	880	940	10560	3224	Good	Mature	Poor	Split	Medium	Short	Medium	
823	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	10	12	400	455	4800	2377	Good	Mature	Fair	Bark Inclusion	Medium	Medium	Medium	
824	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	10	10	585	625	7020	2717	Good	Mature	Fair	Bark Inclusion	Medium	Medium	Medium	
825	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	9	8	300	360	3600	2155	Fair	Mature	Poor	Poor tree form	Low	Medium	Medium	
826	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	12	7	445	465	5340	2399	Good	Mature	Fair	Bark Inclusion	Medium	Medium	Medium	
827	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	12	7	445	465	5340	2399	Good	Mature	Fair	Bark Inclusion	Medium	Medium	Medium	
827A	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	11	8	355	385	4260	2216	Fair	Mature	Fair	Hanging branches	Medium	Medium	Medium	
828	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	13	12	425	500	5100	2474	Good	Mature	Fair	Bark Inclusion	Medium	Medium	Medium	
829	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	10	10	385	395	4620	2240	Fair	Mature	Fair	Poor tree form	Medium	Medium	Medium	
830	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	16	18	1200	1280	14400	3671	Good	Mature	Fair	Bark Inclusion	Medium	Medium	Medium	
831	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	11	11	440	460	5280	2388	Good	Mature	Fair	Bark Inclusion	Medium	Medium	Medium	
832	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	10	3	240	265	2880	1895	Poor	Mature	Fair	Bark Inclusion	Low	Medium	Medium	
833	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	12	8	420	480	5040	2431	Fair	Mature	Fair	Bark Inclusion	Medium	Medium	Medium	
834	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	12	8	740	785	8880	2989	Fair	Mature	Fair	Bark Inclusion	Medium	Medium	Medium	
835	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	10	6	400	400	4800	2252	Fair	Mature	Fair	Bark Inclusion	Medium	Medium	Medium	
836	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	10	7	370	400	4440	2252	Fair	Mature	Fair	Bark Inclusion	Medium	Medium	Medium	
837	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	7	4	265	340	3180	2104	Good	Mature	Fair	Poor tree form	Low	Medium	Medium	
838	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	5	4	180	255	2160	1864	Fair	Semi-mature	Fair	Poor tree form	Low	Medium	Low	
839	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	8	7	280	320	3360	2051	Good	Mature	Fair	Poor tree form	Low	Medium	Medium	
840	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	14	14	1200	1080	14400	3418	Good	Mature	Fair	Bark Inclusion	Medium	Medium	Medium	
841	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	15	18	1000	1350	12000	3754	Good	Mature	Fair	Bark Inclusion	Medium	Medium	Medium	
842	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	15	11	785	885	9420	3144	Good	Mature	Fair	Bark Inclusion	Medium	Medium	Medium	

Tree no.	Botanical name	Common name	Height (m)	Spread(m)	DBH (mm)	DAB (mm)	TPZ (mm)	SRZ (mm)	Vigour	Maturity	Structure	Defects	Landscape sig.	Life Expectancy	Retention value	Comments
843	<i>Eucalyptus sideroxylon</i>	Mugga Ironbark	17	16	700	565	8400	2604	Fair	Mature	Poor	Poor tree form	Medium	Medium	Medium	
844	<i>Dead Tree</i>	Dead Tree	5	1	125	150	2000	1500	Dead	Dead	Fair	Dead	Low	Dead	Very low	
845	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	8	6	220	275	2640	1924	Fair	Semi-mature	Fair	No significant defects noted	Low	Medium	Medium	
846	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	13	8	445	485	5340	2442	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
847	<i>Erythrina x sykesii</i>	Coral Tree	16	10	670	800	8040	3013	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
848	<i>Erythrina x sykesii</i>	Coral Tree	16	10	670	800	8040	3013	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
849	<i>Erythrina x sykesii</i>	Coral Tree	18	8	1200	1300	14400	3695	Good	Mature	Poor	No significant defects noted	Medium	Medium	Medium	
850	<i>Callistemon viminalis</i>	Weeping Bottlebrush	3	2	100	150	2000	1500	Fair	Juvenile	Fair	No significant defects noted	Low	Medium	Low	
851	<i>Callistemon viminalis</i>	Weeping Bottlebrush	3	2	100	150	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
852	<i>Callistemon viminalis</i>	Weeping Bottlebrush	3	2	100	150	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
853	<i>Callistemon viminalis</i>	Weeping Bottlebrush	3	2	100	150	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
854	<i>Erythrina x sykesii</i>	Coral Tree	4	4	140	240	2000	1817	Good	Juvenile	Fair	No significant defects noted	Low	Medium	Low	
855	<i>Acmena smithii</i>	Lili Pili	4	2	85	130	2000	1500	Good	Juvenile	Fair	No significant defects noted	Low	Medium	Low	
856	<i>Acmena smithii</i>	Lili Pili	4	2	85	130	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
857	<i>Syagrus romanzoffiana</i>	Cocos Palm	10	4	300	350	3000	3000	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
858	<i>Syagrus romanzoffiana</i>	Cocos Palm	10	4	300	350	3000	3000	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
859	<i>Syagrus romanzoffiana</i>	Cocos Palm	12	4	300	350	3000	3000	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
860	<i>Syagrus romanzoffiana</i>	Cocos Palm	12	4	300	350	3000	3000	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
861	<i>Ficus microcarpa</i> var. <i>hillii</i>	Hills Fig	20	28	2100	2100	15000	4519	Good	Mature	Fair	Bark Inclusion	High	Medium	High	
862	<i>Syagrus romanzoffiana</i>	Cocos Palm	10	4	300	350	3000	3000	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
863	<i>Syagrus romanzoffiana</i>	Cocos Palm	10	4	300	350	3000	3000	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
864	<i>Syagrus romanzoffiana</i>	Cocos Palm	10	4	300	350	3000	3000	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
865	<i>Syagrus romanzoffiana</i>	Cocos Palm	10	4	300	350	3000	3000	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	

Tree no.	Botanical name	Common name	Height (m)	Spread(m)	DBH (mm)	DAB (mm)	TPZ (mm)	SRZ (mm)	Vigour	Maturity	Structure	Defects	Landscape sig.	Life Expectancy	Retention value	Comments
866	<i>Syagrus romanzoffiana</i>	Cocos Palm	10	4	300	350	3000	3000	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
867	<i>Syagrus romanzoffiana</i>	Cocos Palm	10	4	300	350	3000	3000	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
868	<i>Syagrus romanzoffiana</i>	Cocos Palm	10	4	300	350	3000	3000	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
869	<i>Syagrus romanzoffiana</i>	Cocos Palm	10	4	300	350	3000	3000	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
870	<i>Syagrus romanzoffiana</i>	Cocos Palm	10	4	300	350	3000	3000	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
871	<i>Melaleuca quinquenervia</i>	Broad leaved paperbark	14	10	630	750	7560	2933	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
872	<i>Melaleuca quinquenervia</i>	Broad leaved paperbark	14	10	630	750	7560	2933	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
873	<i>Melaleuca quinquenervia</i>	Broad leaved paperbark	14	10	630	750	7560	2933	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
874	<i>Melaleuca quinquenervia</i>	Broad leaved paperbark	15	9	750	800	9000	3013	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
875	<i>Melaleuca quinquenervia</i>	Broad leaved paperbark	15	9	750	800	9000	3013	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
876	<i>Melaleuca quinquenervia</i>	Broad leaved paperbark	15	15	1300	1350	15000	3754	Good	Mature	Fair	Bark Inclusion	Medium	Medium	Medium	
877	<i>Melaleuca quinquenervia</i>	Broad leaved paperbark	15	10	800	860	9600	3106	Good	Mature	Fair	Bark Inclusion	Medium	Medium	Medium	
878	<i>Melaleuca quinquenervia</i>	Broad leaved paperbark	10	4	250	300	3000	1996	Good	Semi-mature	Fair	Bark Inclusion	Low	Medium	Medium	
879	<i>Melaleuca quinquenervia</i>	Broad leaved paperbark	10	8	400	435	4800	2333	Good	Mature	Fair	Bark Inclusion	Medium	Medium	Medium	
880	<i>Melaleuca quinquenervia</i>	Broad leaved paperbark	10	8	400	435	4800	2333	Good	Mature	Fair	Bark Inclusion	Medium	Medium	Medium	
881	<i>Eucalyptus robusta</i>	Swamp Mahogany	15	12	560	785	6720	2989	Good	Mature	Fair	Evidence of Decay, fungal fruiting body	Medium	Medium	Medium	
882	<i>Eucalyptus saligna</i>	Sydney Blue Gum	22	12	540	780	6480	2981	Fair	Mature	Fair	Poor tree form	Medium	Short	Low	
883	<i>Eucalyptus saligna</i>	Sydney Blue Gum	23	14	800	910	9600	3181	Good	Mature	Fair	No significant defects noted	High	Medium	High	
884	<i>Eucalyptus robusta</i>	Swamp Mahogany	8	3	260	300	3120	1996	Fair	Semi-mature	Fair	Poor tree form	Low	Medium	Medium	
885	<i>Eucalyptus botryoides</i>	Bangalay	22	18	600	625	7200	2717	Good	Mature	Fair	Evidence of Decay, fungal fruiting body	Medium	Medium	Medium	
886	<i>Eucalyptus robusta</i>	Swamp Mahogany	18	14	355	390	4260	2228	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
887	<i>Eucalyptus robusta</i>	Swamp Mahogany	8	8	295	335	3540	2091	Fair	Semi-mature	Fair	No significant defects noted	Low	Medium	Medium	
888	<i>Acmena smithii</i>	Lili Pili	5	8	400	385	4800	2216	Good	Mature	Fair	Bark Inclusion	Medium	Medium	Low	

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889	<i>Acmena smithii</i>	Lili Pili	5	8	370	350	4440	2129	Good	Mature	Fair	Bark Inclusion	Medium	Medium	Low	
890	<i>Acmena smithii</i>	Lili Pili	4	3	250	280	3000	1939	Fair	Semi-mature	Fair	Bark Inclusion	Low	Medium	Low	
891	<i>Acmena smithii</i>	Lili Pili	4	3	250	280	3000	1939	Good	Mature	Fair	Bark Inclusion	Low	Medium	Low	
892	<i>Acmena smithii</i>	Lili Pili	4	3	250	280	3000	1939	Poor	Mature	Fair	Bark Inclusion	Low	Medium	Low	
893	<i>Acmena smithii</i>	Lili Pili	4	3	250	280	3000	1939	Good	Mature	Fair	Bark Inclusion	Low	Medium	Low	
894	<i>Acmena smithii</i>	Lili Pili	4	3	250	280	3000	1939	Good	Mature	Fair	Bark Inclusion	Low	Medium	Low	
895	<i>Dead Tree</i>	Dead Tree	6	3	260	300	3120	1996	Dead	Mature	Fair	Bark Inclusion	Low	Medium	Medium	
896	<i>Eucalyptus saligna</i>	Sydney Blue Gum	22	14	710	820	8520	3045	Fair	Mature	Fair	Substantial borer infestation	High	Short	Low	
897	<i>Eucalyptus robusta</i>	Swamp Mahogany	9	8	270	320	3240	2051	Good	Semi-mature	Fair	No significant defects noted	Low	Medium	Medium	
898	<i>Eucalyptus saligna</i>	Sydney Blue Gum	25	16	750	880	9000	3136	Good	Mature	Fair	Evidence of Decay, fungal fruiting body	High	Medium	High	
899	<i>Lophostemon confertus</i>	Brush Box	10	9	500	475	6000	2421	Fair	Mature	Poor	Bark Inclusion	Medium	Short	Low	
900	<i>Eucalyptus microcorys</i>	Tallowwood	20	18	460	510	5520	2494	Good	Mature	Good	No significant defects noted	Medium	Medium	Medium	
901	<i>Lophostemon confertus</i>	Brush Box	5	3	250	310	3000	2024	Fair	Semi-mature	Fair	No significant defects noted	Low	Short	Low	
902	<i>Eucalyptus robusta</i>	swamp mahogany	10	10	340	365	4080	2167	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
903	<i>Eucalyptus saligna</i>	Sydney Blue Gum	18	16	500	530	6000	2535	Good	Mature	Fair	Evidence of Decay	Medium	Medium	Medium	
904	<i>Eucalyptus microcorys</i>	Tallowwood	12	7	370	400	4440	2252	Fair	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
905	<i>Eucalyptus microcorys</i>	Tallowwood	20	14	630	700	7560	2849	Good	Mature	Fair	No significant defects noted	High	Medium	High	
906	<i>Eucalyptus microcorys</i>	Tallowwood	14	7	300	400	3600	2252	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
907	<i>Eucalyptus microcorys</i>	Tallowwood	18	16	680	700	8160	2849	Fair	Mature	Fair	Die back general	Medium	Short	Low	
908	<i>Eucalyptus robusta</i>	Swamp Mahogany	12	14	320	380	3840	2204	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
909	<i>Eucalyptus microcorys</i>	Tallowwood	22	14	380	500	4560	2474	Good	Mature	Fair	Bark Inclusion, previous failures	Medium	Medium	Medium	
910	<i>Eucalyptus microcorys</i>	Tallowwood	22	14	380	500	4560	2474	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
911	<i>Eucalyptus microcorys</i>	Tallowwood	22	14	380	400	4560	2252	Fair	Mature	Fair	Die back general	Medium	Short	Low	
912	<i>Callistemon salignus</i>	White Bottlebrush	5	4	340	360	4080	2155	Good	Mature	Fair	Bark Inclusion	Low	Medium	Low	

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913	<i>Eucalyptus saligna</i>	Sydney Blue Gum	23	24	600	780	7200	2981	Good	Mature	Fair	Hanging branches	High	Medium	High	
914	<i>Eucalyptus microcorys</i>	Tallowwood	14	7	370	400	4440	2252	Good	Mature	Fair	Poor tree form	Low	Medium	Medium	
915	<i>Eucalyptus punctata</i>	Grey Gum	12	8	410	430	4920	2322	Poor	Mature	Fair	Die back general	Medium	Short	Low	
916	<i>Eucalyptus saligna</i>	Sydney Blue Gum	23	9	425	485	5100	2442	Fair	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
917	<i>Eucalyptus microcorys</i>	Tallowwood	23	15	410	800	4920	3013	Good	Mature	Fair	No significant defects noted	High	Medium	High	
918	<i>Corymbia maculata</i>	Spotted Gum	16	13	400	425	4800	2310	Good	Mature	Poor	Previous failures	Medium	Medium	Medium	
919	<i>Eucalyptus microcorys</i>	Tallowwood	19	11	375	500	4500	2474	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
920	<i>Eucalyptus microcorys</i>	Tallowwood	19	11	375	500	4500	2474	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
921	<i>Eucalyptus punctata</i>	Grey Gum	4	4	200	260	2400	1879	Fair	Semi-mature	Poor	Poor tree form	Low	Short	Low	
922	<i>Eucalyptus robusta</i>	Swamp Mahogany	23	13	750	950	9000	3239	Good	Mature	Fair	No significant defects noted	High	Medium	High	
923	<i>Eucalyptus spp.</i>	Eucalyptus	22	25	775	800	9300	3013	Fair	Mature	Fair	No significant defects noted	High	Medium	High	
924	<i>Eucalyptus botryoides</i>	Bangalay	21	18	700	680	8400	2814	Fair	Mature	Poor	Evidence of Decay rear of lean at ground level	Medium	Short	Low	
925	<i>Melaleuca quinquenervia</i>	Broad leaved paperbark	8	6	360	385	4320	2216	Good	Mature	Fair	No significant defects noted	Low	Medium	Medium	
926	<i>Eucalyptus robusta</i>	Swamp Mahogany	18	18	470	800	5640	3013	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
927	<i>Melaleuca quinquenervia</i>	Broad leaved paperbark	5	6	400	385	4800	2216	Poor	Mature	Fair	No significant defects noted	Low	Short	Low	
928	<i>Melaleuca bracteata</i>	Black Tea Tree	5	4	230	330	2760	2077	Good	Semi-mature	Poor	Poor tree form	Low	Short	Low	
929	<i>Melaleuca bracteata</i>	Black Tea Tree	5	4	230	330	2760	2077	Good	Mature	Poor	Poor tree form	Low	Medium	Low	
930	<i>Corymbia citriodora</i>	Lemon-scented Gum	16	17	400	460	4800	2388	Good	Mature	Poor	Failed root plate, resting in adjacent trees	Medium	Remove	Very low	
931	<i>Eucalyptus robusta</i>	Swamp Mahogany	20	17	360	410	4320	2276	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
932	<i>Corymbia citriodora</i>	Lemon-scented Gum	18	12	320	350	3840	2129	Good	Mature	Fair	Over-extended branches	Medium	Medium	Medium	
933	<i>Eucalyptus microcorys</i>	Tallowwood	23	20	670	750	8040	2933	Good	Mature	Fair	No significant defects noted	High	Medium	High	
934	<i>Eucalyptus microcorys</i>	Tallowwood	22	13	360	425	4320	2310	Good	Mature	Fair	Bark Inclusion	Medium	Medium	Medium	
935	<i>Melaleuca bracteata</i>	Black Tea Tree	4	4	200	235	2400	1801	Fair	Semi-mature	Fair	Poor tree form	Low	Medium	Low	

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936	<i>Melaleuca bracteata</i>	Black Tea Tree	4	6	250	330	3000	2077	Good	Semi-mature	Fair	No significant defects noted	Low	Medium	Low	
937	<i>Eucalyptus microcorys</i>	Tallowwood	21	15	730	800	8760	3013	Fair	Mature	Fair	Root damage	High	Medium	High	
938	<i>Corymbia citriodora</i>	Lemon-scented Gum	14	8	335	400	4020	2252	Good	Mature	Fair	Poor tree form	Medium	Medium	Medium	
939	<i>Corymbia citriodora</i>	Lemon-scented Gum	18	21	620	685	7440	2823	Good	Mature	Fair	Over-extended branches	High	Medium	High	
940	<i>Eucalyptus robusta</i>	Swamp Mahogany	5	8	310	400	3720	2252	Good	Mature	Fair	Girdled roots	Low	Medium	Low	
941	<i>Callistemon viminalis</i>	Weeping Bottlebrush	4	6	280	350	3360	2129	Fair	Mature	Fair	Poor tree form	Low	Medium	Low	
942	<i>Callistemon viminalis</i>	Weeping Bottlebrush	4	4	250	300	3000	1996	Fair	Mature	Fair	Poor tree form	Low	Short	Low	
943	<i>Pinus patula</i>	Mexican Weeping Pine	10	12	500	540	6000	2555	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
944	<i>Pinus patula</i>	Mexican Weeping Pine	16	12	400	460	4800	2388	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
945	<i>Pinus patula</i>	Mexican Weeping Pine	16	14	500	500	6000	2474	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
946	<i>Tristaniopsis laurina</i>	Water Gum	6	6	335	400	4020	2252	Good	Mature	Fair	No significant defects noted	Low	Medium	Medium	
947	<i>Tristaniopsis laurina</i>	Water Gum	10	8	455	650	5460	2762	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
948	<i>Eucalyptus haemastoma</i>	Scribbly Gum	24	20	540	640	6480	2744	Good	Mature	Fair	Over-extended branches, bird browse wounds	Medium	Medium	Medium	
949	<i>Melaleuca quinquenervia</i>	Broad leaved paperbark	5	9	500	550	6000	2575	Fair	Mature	Fair	Mechanical damage	Low	Medium	Low	
950	<i>Melaleuca quinquenervia</i>	Broad leaved paperbark	6	10	355	380	4260	2204	Good	Mature	Fair	Mechanical damage	Low	Medium	Medium	
951	<i>Eucalyptus robusta</i>	Swamp Mahogany	11	11	360	395	4320	2240	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
952	<i>Liquidambar styraciflua</i>	Sweet Gum	18	14	455	565	5460	2604	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
953	<i>Liquidambar styraciflua</i>	Sweet Gum	10	14	370	400	4440	2252	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
954	<i>Liquidambar styraciflua</i>	Sweet Gum	8	9	300	365	3600	2167	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
955	<i>Liquidambar styraciflua</i>	Sweet Gum	14	8	360	400	4320	2252	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
956	<i>Liquidambar styraciflua</i>	Sweet Gum	15	10	380	415	4560	2287	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
957	<i>Callistemon viminalis</i>	Weeping Bottlebrush	5	5	270	300	3240	1996	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
958	<i>Callistemon viminalis</i>	Weeping Bottlebrush	5	5	270	300	3240	1996	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	

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959	<i>Callistemon viminalis</i>	Weeping Bottlebrush	5	5	270	300	3240	1996	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
960	<i>Eucalyptus robusta</i>	Swamp Mahogany	14	12	415	430	4980	2322	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
961	<i>Eucalyptus sideroxylon</i>	Mugga Ironbark	13	14	680	950	8160	3239	Good	Mature	Poor	Evidence of Decay	Medium	Short	Low	
962	<i>Eucalyptus sideroxylon</i>	Mugga Ironbark	13	14	640	675	7680	2806	Fair	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
963	<i>Acmena smithii</i>	Lili Pili	8	10	440	460	5280	2388	Good	Mature	Fair	Bark Inclusion	Medium	Medium	Medium	
964	<i>Acmena smithii</i>	Lili Pili	8	10	440	460	5280	2388	Good	Mature	Fair	Bark Inclusion	Medium	Medium	Medium	
965	<i>Eucalyptus robusta</i>	Swamp Mahogany	14	12	400	465	4800	2399	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
966	<i>Acmena smithii</i>	Lili Pili	8	10	385	425	4620	2310	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
967	<i>Pinus radiata</i>	Monterey Pine	16	14	900	780	10800	2981	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
968	<i>Melaleuca quinquenervia</i>	Broad leaved paperbark	5	5	300	350	3600	2129	Fair	Semi-mature	Fair	No significant defects noted	Low	Medium	Low	
969	<i>Gleditsia triacanthos</i>	Honey Locust	11	12	415	400	4980	2252	Good	Mature	Fair	Suppressed	Medium	Medium	Medium	
970	<i>Eucalyptus microcorys</i>	Tallowwood	13	8	380	420	4560	2299	Good	Mature	Fair	Suppressed	Medium	Medium	Medium	
971	<i>Eucalyptus saligna</i>	Sydney Blue Gum	25	18	1080	1300	12960	3695	Good	Mature	Fair	Evidence of Decay, hanging branches	High	Medium	High	
972	<i>Agonis flexuosa</i>	Willow Myrtle	6	8	850	1000	10200	3309	Fair	Mature	Poor	Evidence of Decay	Low	Remove	Very low	
973	<i>Eucalyptus microcorys</i>	Tallowwood	17	12	450	485	5400	2442	Good	Mature	Fair	Bark Inclusion	Medium	Medium	Medium	
974	<i>Agonis flexuosa</i>	Willow Myrtle	5	5	550	800	6600	3013	Fair	Mature	Poor	Evidence of Decay	Low	Short	Low	
975	<i>Eucalyptus microcorys</i>	Tallowwood	23	13	750	670	9000	2797	Good	Mature	Poor	Bark Inclusion	Medium	Medium	Medium	
976	<i>Agonis flexuosa</i>	Willow Myrtle	5	5	900	980	10800	3281	Poor	Mature	Poor	Evidence of Decay	Low	Remove	Very low	
977	<i>Agonis flexuosa</i>	Willow Myrtle	10	12	1250	1350	15000	3754	Fair	Mature	Poor	Evidence of Decay	Medium	Remove	Very low	
978	<i>Tristaniopsis laurina</i>	Water Gum	4	4	200	300	2400	1996	Fair	Mature	Poor	Evidence of Decay	Low	Short	Low	
979	<i>Agonis flexuosa</i>	Willow Myrtle	12	12	1300	1380	15000	3789	Good	Mature	Poor	Evidence of Decay	Medium	Remove	Very low	
980	<i>Dead Tree</i>	Dead Tree	8	4	300	320	3600	2051	Dead	Mature	Poor	Evidence of Decay	Medium	Medium	Medium	
981	<i>Agonis flexuosa</i>	Willow Myrtle	13	13	1300	1350	15000	3754	Fair	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
982	<i>Eucalyptus robusta</i>	Swamp Mahogany	12	12	450	630	5400	2726	Good	Mature	Poor	Previous failures	Low	Remove	Very low	

Tree no.	Botanical name	Common name	Height (m)	Spread(m)	DBH (mm)	DAB (mm)	TPZ (mm)	SRZ (mm)	Vigour	Maturity	Structure	Defects	Landscape sig.	Life Expectancy	Retention value	Comments
983	<i>Eucalyptus robusta</i>	Swamp Mahogany	13	13	450	500	5400	2474	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
984	<i>Agonis flexuosa</i>	Willow Myrtle	11	10	970	900	11640	3166	Fair	Mature	Fair	Evidence of Decay	Medium	Short	Low	
985	<i>Agonis flexuosa</i>	Willow Myrtle	14	15	1600	2000	15000	4428	Good	Mature	Poor	Evidence of Decay, major stem failure	Medium	Remove	Very low	
986	<i>Melaleuca bracteata</i>	Black Tea Tree	8	10	380	400	4560	2252	Good	Mature	Fair	No significant defects noted	Low	Medium	Medium	
987	<i>Melaleuca bracteata</i>	Black Tea Tree	8	10	380	400	4560	2252	Good	Mature	Fair	No significant defects noted	Low	Medium	Medium	
988	<i>Melaleuca bracteata</i>	Black Tea Tree	8	10	380	400	4560	2252	Good	Mature	Fair	No significant defects noted	Low	Medium	Medium	
989	<i>Melaleuca bracteata</i>	Black Tea Tree	8	10	380	400	4560	2252	Good	Mature	Fair	No significant defects noted	Low	Medium	Medium	
990	<i>Eucalyptus microcorys</i>	Tallowwood	24	15	700	770	8400	2965	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
991	<i>Agonis flexuosa</i>	Willow Myrtle	7	4	465	525	5580	2525	Poor	Mature	Fair	No significant defects noted	Low	Short	Low	
992	<i>Agonis flexuosa</i>	Willow Myrtle	7	7	640	680	7680	2814	Good	Mature	Fair	No significant defects noted	Low	Medium	Medium	
993	<i>Agonis flexuosa</i>	Willow Myrtle	10	12	1200	1250	14400	3635	Good	Mature	Hazardous	Split	Low	Remove	Very low	
994	<i>Eucalyptus microcorys</i>	Tallowwood	24	15	675	770	8100	2965	Good	Mature	Fair	Bark Inclusion	High	Medium	High	
995	<i>Callistemon viminalis</i>	Weeping Bottlebrush	4	4	100	150	2000	1500	Good	Juvenile	Fair	No significant defects noted	Low	Medium	Low	
996	<i>Eucalyptus saligna</i>	Sydney Blue Gum	26	22	700	1100	8400	3445	Good	Mature	Fair	Previous failures	High	Medium	High	
997	<i>Eucalyptus robusta</i>	Swamp Mahogany	4	2	100	150	2000	1500	Fair	Juvenile	Poor	Mechanical damage	Low	Short	Low	
998	<i>Eucalyptus botryoides</i>	Bangalay	24	14	750	900	9000	3166	Good	Mature	Fair	Poor tree form	High	Medium	High	
999	<i>Eucalyptus microcorys</i>	Tallowwood	22	20	680	970	8160	3267	Good	Mature	Fair	No significant defects noted	High	Medium	High	
1000	<i>Eucalyptus sideroxylon</i>	Mugga Ironbark	21	20	580	600	6960	2670	Poor	Mature	Fair	General decline	Medium	Short	Low	
1001	<i>Eucalyptus microcorys</i>	Tallowwood	25	22	740	820	8880	3045	Good	Mature	Fair	No significant defects noted	High	Medium	High	
1002	<i>Eucalyptus microcorys</i>	Tallowwood	20	18	680	800	8160	3013	Good	Mature	Fair	Poor tree form	Medium	Medium	Medium	
1003	<i>Melaleuca styphelioides</i>	Prickly paperbark	8	5	320	380	3840	2204	Good	Mature	Fair	Bark Inclusion	Low	Medium	Medium	
1004	<i>Melaleuca styphelioides</i>	Prickly paperbark	13	5	340	400	4080	2252	Good	Mature	Fair	Bark Inclusion	Low	Medium	Medium	
1005	<i>Melaleuca styphelioides</i>	Prickly paperbark	10	5	300	360	3600	2155	Good	Mature	Fair	Bark Inclusion	Low	Medium	Medium	

Tree no.	Botanical name	Common name	Height (m)	Spread(m)	DBH (mm)	DAB (mm)	TPZ (mm)	SRZ (mm)	Vigour	Maturity	Structure	Defects	Landscape sig.	Life Expectancy	Retention value	Comments
1006	<i>Melaleuca styphelioides</i>	Prickly paperbark	10	5	300	360	3600	2155	Good	Mature	Fair	Bark Inclusion	Low	Medium	Medium	
1007	<i>Callistemon salignus</i>	White Bottlebrush	13	8	470	640	5640	2744	Good	Mature	Fair	Bark Inclusion	Medium	Medium	Medium	
1008	<i>Melaleuca quinquenervia</i>	Broad leaved paperbark	20	13	870	920	10440	3195	Good	Mature	Fair	Bark Inclusion	Medium	Medium	Medium	
1009	<i>Lagunaria patersonii</i>	Norfolk Island Hibiscus	14	12	750	800	9000	3013	Good	Mature	Fair	Bark Inclusion	Medium	Medium	Medium	
1010	<i>Callistemon salignus</i>	White Bottlebrush	5	5	280	350	3360	2129	Fair	Semi-mature	Poor	Evidence of Decay	Low	Short	Low	
1011	<i>Eucalyptus microcorys</i>	Tallowwood	26	20	650	850	7800	3091	Good	Mature	Fair	Bark Inclusion	High	Medium	High	
1012	<i>Eucalyptus microcorys</i>	Tallowwood	23	16	475	640	5700	2744	Good	Mature	Fair	Bark Inclusion	High	Medium	High	
1013	<i>Syzygium paniculatum</i>	Magenta Cherry	4	2	100	135	2000	1500	Good	Juvenile	Fair	No significant defects noted	Low	Medium	Low	
1014	<i>Lophostemon confertus</i>	Brush Box	14	18	950	1050	11400	3378	Fair	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
1015	<i>Agonis flexuosa</i>	Willow Myrtle	14	15	1200	1200	14400	3573	Good	Mature	Fair	Evidence of Decay	Medium	Medium	Medium	
1016	<i>Agonis flexuosa</i>	Willow Myrtle	9	9	1100	1200	13200	3573	Good	Mature	Fair	Evidence of Decay	Low	Medium	Medium	
1017	<i>Eucalyptus saligna</i>	Sydney Blue Gum	20	16	450	540	5400	2555	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
1018	<i>Eucalyptus saligna</i>	Sydney Blue Gum	20	16	450	500	5400	2474	Good	Mature	Fair	No significant defects noted	High	Medium	High	
1019	<i>Agonis flexuosa</i>	Willow Myrtle	12	14	1300	1300	15000	3695	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
1021	<i>Eucalyptus saligna</i>	Sydney Blue Gum	18	8	400	455	4800	2377	Good	Mature	Fair	Poor tree form	Medium	Medium	Medium	
1022	<i>Eucalyptus robusta</i>	Swamp Mahogany	6	6	285	300	3420	1996	Fair	Mature	Fair	No significant defects noted	Low	Medium	Medium	
1023	<i>Eucalyptus saligna</i>	Sydney Blue Gum	24	18	1000	1100	12000	3445	Good	Mature	Fair	Previous failures	High	Medium	High	
1024	<i>Eucalyptus saligna</i>	Sydney Blue Gum	9	5	310	370	3720	2180	Fair	Semi-mature	Poor	Poor tree form	Low	Medium	Medium	
1025	<i>Eucalyptus saligna</i>	Sydney Blue Gum	18	10	850	1000	10200	3309	Good	Mature	Fair	No significant defects noted	High	Medium	High	
1026	<i>Eucalyptus saligna</i>	Sydney Blue Gum	18	7	410	455	4920	2377	Fair	Mature	Fair	Poor tree form	Medium	Medium	Medium	
1027	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	5	4	300	380	3600	2204	Fair	Semi-mature	Fair	Poor tree form	Low	Short	Low	
1028	<i>Melaleuca bracteata</i>	Black Tea Tree	5	4	250	350	3000	2129	Good	Mature	Fair	Poor tree form	Low	Medium	Low	
1029	<i>Eucalyptus saligna</i>	Sydney Blue Gum	20	10	450	565	5400	2604	Good	Mature	Fair	Poor tree form	Medium	Medium	Medium	

Tree no.	Botanical name	Common name	Height (m)	Spread(m)	DBH (mm)	DAB (mm)	TPZ (mm)	SRZ (mm)	Vigour	Maturity	Structure	Defects	Landscape sig.	Life Expectancy	Retention value	Comments
1030	<i>Eucalyptus saligna</i>	Sydney Blue Gum	22	12	730	780	8760	2981	Good	Mature	Fair	Previous failures, major bird browse wounds	High	Medium	High	
1031	<i>Eucalyptus saligna</i>	Sydney Blue Gum	22	14	740	820	8880	3045	Good	Mature	Fair	No significant defects noted	High	Medium	High	
1032	<i>Eucalyptus saligna</i>	Sydney Blue Gum	23	8	740	870	8880	3121	Fair	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
1033	<i>Agonis flexuosa</i>	Willow Myrtle	3	3	1200	1300	14400	3695	Good	Mature	Poor	Evidence of Decay, stump regrowth	Low	Remove	Very low	
1034	<i>Agonis flexuosa</i>	Willow Myrtle	12	10	1000	1180	12000	3548	Fair	Mature	Fair	Evidence of Decay	Medium	Short	Medium	
1035	<i>Agonis flexuosa</i>	Willow Myrtle	12	10	1000	1180	12000	3548	Good	Mature	Fair	Evidence of Decay	Medium	Short	Medium	
1036	<i>Agonis flexuosa</i>	Willow Myrtle	12	14	1100	1050	13200	3378	Good	Mature	Fair	Evidence of Decay	Medium	Medium	Medium	
1037	<i>Agonis flexuosa</i>	Willow Myrtle	9	8	1150	1200	13800	3573	Fair	Mature	Poor	Evidence of Decay	Low	Remove	Very low	
1038	<i>Agonis flexuosa</i>	Willow Myrtle	10	12	1400	1400	15000	3812	Good	Mature	Poor	Evidence of Decay	Medium	Remove	Very low	
1039	<i>Melaleuca bracteata</i>	Black Tea Tree	3	4	150	210	2000	1718	Good	Semi-mature	Fair	Evidence of Decay	Low	Short	Low	
1040	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	14	12	600	650	7200	2762	Good	Mature	Fair	Bark Inclusion	Medium	Medium	Medium	
1041	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	16	14	1100	1200	13200	3573	Good	Mature	Fair	Bark Inclusion	Medium	Medium	Medium	
1042	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	14	12	760	800	9120	3013	Good	Mature	Fair	Bark Inclusion	Medium	Medium	Medium	
1043	<i>Gleditsia triacanthos</i>	Honey Locust	14	18	375	415	4500	2287	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
1044	<i>Agonis flexuosa</i>	Willow Myrtle	9	14	1250	1400	15000	3812	Good	Mature	Fair	Evidence of Decay	Medium	Medium	Medium	
1045	<i>Syzygium paniculatum</i>	Magenta Cherry	4	4	260	300	3120	1996	Good	Semi-mature	Fair	Mechanical damage	Low	Medium	Low	
1046	<i>Syzygium paniculatum</i>	Magenta Cherry	6	6	340	360	4080	2155	Good	Mature	Fair	Poor unions	Low	Medium	Medium	
1047	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	4	3	260	300	3120	1996	Fair	Semi-mature	Fair	Poor unions	Low	Medium	Low	
1048	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	4	3	260	300	3120	1996	Good	Mature	Poor	Poor tree form	Low	Short	Low	
1049	<i>Agonis flexuosa</i>	Willow Myrtle	7	10	600	950	7200	3239	Poor	Mature	Poor	Evidence of Decay	Low	Remove	Very low	
1050	<i>Corymbia citriodora</i>	Lemon-Scented Gum	16	15	685	785	8220	2989	Good	Mature	Fair	Poor tree form	Medium	Medium	Medium	
1051	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	10	10	800	840	9600	3076	Good	Mature	Fair	Bark Inclusion	Medium	Medium	Medium	
1052	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	13	6	400	500	4800	2474	Fair	Mature	Poor	Bark Inclusion	Medium	Short	Medium	
1053	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	8	5	350	375	4200	2192	Good	Semi-mature	Fair	Bark Inclusion	Low	Medium	Medium	

Tree no.	Botanical name	Common name	Height (m)	Spread(m)	DBH (mm)	DAB (mm)	TPZ (mm)	SRZ (mm)	Vigour	Maturity	Structure	Defects	Landscape sig.	Life Expectancy	Retention value	Comments
1054	<i>Eucalyptus saligna</i>	Sydney Blue Gum	16	10	620	655	7440	2771	Fair	Senescent	Fair	Evidence of Decay	Medium	Short	Medium	
1055	<i>Eucalyptus sideroxylon</i>	Mugga Ironbark	13	7	370	370	4440	2180	Good	Mature	Fair	Poor tree form	Medium	Medium	Medium	
1056	<i>Agonis flexuosa</i>	Willow Myrtle	11	15	1500	1800	15000	4236	Fair	Mature	Fair	Evidence of Decay	Medium	Remove	Very low	
1057	<i>Agonis flexuosa</i>	Willow Myrtle	8	8	500	650	6000	2762	Good	Mature	Fair	Evidence of Decay	Medium	Remove	Very low	
1058	<i>Agonis flexuosa</i>	Willow Myrtle	5	8	400	650	4800	2762	Good	Mature	Poor	Evidence of Decay	Low	Remove	Very low	
1059	<i>Eucalyptus saligna</i>	Sydney Blue Gum	25	14	1075	1200	12900	3573	Good	Mature	Fair	Mechanical damage, bird browse wounds	High	Medium	High	
1060	<i>Eucalyptus saligna</i>	Sydney Blue Gum	21	10	885	760	10620	2949	Good	Mature	Poor	Poor tree form, fungal fruiting bodies x2	High	Short	Medium	
1061	<i>Agonis flexuosa</i>	Willow Myrtle	5	8	500	740	6000	2916	Fair	Mature	Poor	Evidence of Decay	Low	Remove	Very low	
1062	<i>Eucalyptus saligna</i>	Sydney Blue Gum	22	14	625	700	7500	2849	Good	Mature	Fair	Mechanical damage	High	Medium	High	
1063	<i>Eucalyptus saligna</i>	Sydney Blue Gum	22	14	625	700	7500	2849	Good	Mature	Fair	Mechanical damage	High	Medium	High	
1064	<i>Agonis flexuosa</i>	Willow Myrtle	8	8	1080	1120	12960	3471	Good	Mature	Fair	Evidence of Decay	Low	Short	Medium	
1065	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	10	10	500	500	6000	2474	Good	Mature	Fair	Bark Inclusion	Medium	Medium	Medium	
1066	<i>Eucalyptus saligna</i>	Sydney Blue Gum	22	12	445	540	5340	2555	Good	Mature	Fair	No significant defects noted	High	Medium	High	
1067	<i>Eucalyptus saligna</i>	Sydney Blue Gum	18	15	445	540	5340	2555	Good	Mature	Fair	No significant defects noted	High	Medium	High	
1068	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	5	5	365	380	4380	2204	Good	Semi-mature	Fair	Bark Inclusion	Low	Medium	Low	
1069	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	4	4	250	275	3000	1924	Fair	Semi-mature	Fair	Bark Inclusion	Low	Short	Low	
1070	<i>Corymbia citriodora</i>	Lemon-Scented Gum	17	12	380	485	4560	2442	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
1071	<i>Corymbia citriodora</i>	Lemon-Scented Gum	17	12	380	485	4560	2442	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
1072	<i>Grevillea robusta</i>	Silky Oak	16	10	410	445	4920	2355	Fair	Mature	Fair	No significant defects noted	Medium	Short	Medium	
1073	<i>Eucalyptus robusta</i>	Swamp Mahogany	14	12	440	700	5280	2849	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
1074	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	4	4	150	200	2000	1683	Good	Juvenile	Fair	No significant defects noted	Low	Medium	Low	
1075	<i>Grevillea robusta</i>	Silky Oak	15	8	335	425	4020	2310	Fair	Mature	Fair	No significant defects noted	Medium	Short	Medium	
1076	<i>Eucalyptus robusta</i>	Swamp Mahogany	12	14	400	500	4800	2474	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	

Tree no.	Botanical name	Common name	Height (m)	Spread(m)	DBH (mm)	DAB (mm)	TPZ (mm)	SRZ (mm)	Vigour	Maturity	Structure	Defects	Landscape sig.	Life Expectancy	Retention value	Comments
1077	<i>Howea forsteriana</i>	Kentia Palm	3	3	180	250	2160	1849	Good	Juvenile	Good	No significant defects noted	Low	Medium	Low	
1078	<i>Dypsis lutescens</i>	Golden Cane Palm	3	3	180	250	2160	1849	Good	Mature	Good	No significant defects noted	Low	Medium	Low	
1079	<i>Howea forsteriana</i>	Kentia Palm	3	3	180	250	2160	1849	Good	Mature	Good	No significant defects noted	Low	Medium	Low	
1080	<i>Dypsis lutescens</i>	Golden Cane Palm	3	3	180	250	2160	1849	Good	Mature	Good	No significant defects noted	Low	Medium	Low	
1081	<i>Melaleuca bracteata</i>	Black Tea Tree	9	12	400	475	4800	2421	Good	Mature	Fair	Bark Inclusion	Medium	Medium	Medium	
1082	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	5	4	300	350	3600	2129	Good	Mature	Fair	Bark Inclusion	Low	Medium	Low	
1083	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	7	7	380	430	4560	2322	Good	Mature	Fair	Bark Inclusion	Low	Medium	Medium	
1084	<i>Melaleuca linariifolia</i>	Snow in Summer	6	4	580	600	6960	2670	Poor	Mature	Fair	Bark Inclusion	Low	Short	Medium	
1085	<i>Melaleuca linariifolia</i>	Snow in Summer	6	4	580	600	6960	2670	Good	Mature	Fair	Bark Inclusion	Low	Medium	Medium	
1086	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	6	7	350	385	4200	2216	Good	Semi-mature	Fair	Bark Inclusion	Low	Medium	Medium	
1087	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	10	8	450	680	5400	2814	Good	Mature	Fair	Bark Inclusion	Medium	Medium	Medium	
1088	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	4	3	160	200	2000	1683	Fair	Juvenile	Fair	Poor tree form	Low	Short	Low	
1089	<i>Agonis flexuosa</i>	Willow Myrtle	10	15	2400	2400	15000	4780	Good	Mature	Fair	Evidence of Decay	Medium	Medium	Medium	
1090	<i>Agonis flexuosa</i>	Willow Myrtle	12	14	1800	1800	15000	4236	Fair	Mature	Hazardous	Evidence of Decay	Medium	Remove	Very low	
1091	<i>Melaleuca linariifolia</i>	Snow in Summer	5	3	440	475	5280	2421	Poor	Mature	Fair	Bark Inclusion	Low	Short	Low	
1092	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	9	9	400	500	4800	2474	Good	Mature	Fair	Bark Inclusion	Medium	Medium	Medium	
1093	<i>Melaleuca linariifolia</i>	Snow in Summer	5	3	400	440	4800	2344	Fair	Mature	Fair	Bark Inclusion	Medium	Medium	Low	
1094	<i>Melaleuca linariifolia</i>	Snow in Summer	5	5	550	700	6600	2849	Poor	Mature	Fair	Bark Inclusion	Low	Short	Low	
1095	<i>Melaleuca linariifolia</i>	Snow in Summer	5	5	550	700	6600	2849	Good	Mature	Fair	Bark Inclusion	Low	Medium	Low	
1096	<i>Araucaria columnaris</i>	Cook Pine	13	4	385	415	4620	2287	Good	Mature	Fair	No significant defects noted	High	Medium	High	
1097	<i>Olea europaea subsp. cuspidata</i>	Wild Olive	5	6	355	450	4260	2366	Good	Mature	Fair	No significant defects noted	Low	Remove	Very low	
1098	<i>Olea europaea subsp. cuspidata</i>	Wild Olive	5	6	355	450	4260	2366	Poor	Senescent	Fair	No significant defects noted	Low	Remove	Very low	
1099	<i>Olea europaea subsp. cuspidata</i>	Wild Olive	5	10	400	550	4800	2575	Good	Mature	Fair	No significant defects noted	Low	Remove	Very low	

Tree no.	Botanical name	Common name	Height (m)	Spread(m)	DBH (mm)	DAB (mm)	TPZ (mm)	SRZ (mm)	Vigour	Maturity	Structure	Defects	Landscape sig.	Life Expectancy	Retention value	Comments
1100	<i>Ulmus glabra 'Lutescens'</i>	Wych Elm	4	3	165	280	2000	1939	Poor	Mature	Fair	No significant defects noted	Low	Short	Low	
1101	<i>Ulmus glabra 'Lutescens'</i>	Wych Elm	6	6	360	420	4320	2299	Fair	Mature	Fair	No significant defects noted	Medium	Short	Medium	
1102	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	9	9	900	850	10800	3091	Good	Mature	Fair	Bark Inclusion	Medium	Medium	Medium	
1103	<i>Eucalyptus saligna</i>	Sydney Blue Gum	25	18	800	1045	9600	3371	Good	Mature	Fair	No significant defects noted	High	Medium	High	
1104	<i>Eucalyptus saligna</i>	Sydney Blue Gum	25	18	800	1045	9600	3371	Good	Mature	Fair	Bird browse wounds	High	Medium	High	
1105	<i>Eucalyptus saligna</i>	Sydney Blue Gum	18	8	335	520	4020	2515	Fair	Mature	Fair	Evidence of Decay	Medium	Medium	Medium	
1106	<i>Lagunaria patersonii</i>	Norfolk Island Hibiscus	5	5	280	380	3360	2204	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
1107	<i>Eucalyptus saligna</i>	Sydney Blue Gum	25	13	455	680	5460	2814	Good	Mature	Fair	Cavity	High	Medium	High	
1108	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	10	3	450	540	5400	2555	Fair	Mature	Fair	Bark Inclusion	Low	Medium	Medium	
1109	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	6	6	350	400	4200	2252	Good	Mature	Fair	Bark Inclusion	Low	Medium	Medium	
1110	<i>Eucalyptus saligna</i>	Sydney Blue Gum	22	14	410	700	4920	2849	Good	Mature	Fair	Previous failures	High	Medium	High	
1111	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	5	4	280	320	3360	2051	Good	Semi-mature	Fair	No significant defects noted	Low	Medium	Low	
1112	<i>Eucalyptus saligna</i>	Sydney Blue Gum	22	9	460	740	5520	2916	Good	Mature	Fair	Mechanical damage, large wound at base	Medium	Medium	Medium	
1113	<i>Eucalyptus saligna</i>	Sydney Blue Gum	25	15	500	1050	6000	3378	Good	Mature	Fair	No significant defects noted	High	Medium	High	
1114	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	5	3	260	300	3120	1996	Good	Juvenile	Fair	No significant defects noted	Low	Medium	Low	
1115	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	9	5	400	500	4800	2474	Good	Mature	Fair	No significant defects noted	Low	Medium	Medium	
1115A	<i>Eucalyptus saligna</i>	Sydney Blue Gum	25	15	435	700	5220	2849	Good	Mature	Fair	Hanging branches	High	Medium	High	
1116	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	6	9	380	500	4560	2474	Good	Mature	Poor	Poor tree form	Low	Medium	Medium	
1117	<i>Eucalyptus botryoides x saligna</i>	Wollongong Woollybutt	24	14	760	980	9120	3281	Good	Mature	Fair	No significant defects noted	High	Medium	High	
1118	<i>Eucalyptus saligna</i>	Sydney Blue Gum	18	12	435	500	5220	2474	Good	Mature	Fair	Poor tree form	Medium	Medium	Medium	
1119	<i>Eucalyptus saligna</i>	Sydney Blue Gum	25	18	1000	1185	12000	3554	Good	Mature	Fair	No significant defects noted	High	Medium	High	
1120	<i>Lagunaria patersonii</i>	Norfolk Island Hibiscus	7	4	280	370	3360	2180	Good	Mature	Fair	No significant defects noted	Low	Medium	Medium	

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1121	<i>Eucalyptus saligna</i>	Sydney Blue Gum	20	12	380	415	4560	2287	Good	Mature	Fair	Hanging branches	Medium	Medium	Medium	
1122	<i>Eucalyptus saligna</i>	Sydney Blue Gum	24	12	485	540	5820	2555	Good	Mature	Fair	Hanging branches	Medium	Medium	Medium	
1123	<i>Eucalyptus saligna</i>	Sydney Blue Gum	24	18	765	1085	9180	3425	Good	Mature	Fair	No significant defects noted	High	Medium	High	
1124	<i>Eucalyptus saligna</i>	Sydney Blue Gum	24	18	765	1085	9180	3425	Good	Mature	Fair	Mechanical damage	High	Medium	High	
1125	<i>Grevillea robusta</i>	Silky Oak	14	6	300	350	3600	2129	Fair	Mature	Fair	No significant defects noted	Medium	Short	Medium	
1126	<i>Agonis flexuosa</i>	Willow Myrtle	6	6	580	700	6960	2849	Fair	Mature	Fair	Evidence of Decay	Low	Short	Medium	
1127	<i>Lagunaria patersonii</i>	Norfolk Island Hibiscus	5	3	250	300	3000	1996	Good	Semi-mature	Fair	Bark Inclusion	Low	Medium	Low	
1128	<i>Grevillea robusta</i>	Silky Oak	18	9	360	415	4320	2287	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
1129	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	12	11	600	650	7200	2762	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
1130	<i>Eucalyptus saligna</i>	Sydney Blue Gum	26	20	2000	2350	15000	4738	Good	Mature	Fair	No significant defects noted	High	Medium	High	
1131	<i>Eucalyptus tereticornis</i>	Forest Red Gum	28	20	600	800	7200	3013	Fair	Mature	Fair	No significant defects noted	High	Medium	High	
1132	<i>Pinus radiata</i>	Monterey Pine	10	12	500	460	6000	2388	Poor	Mature	Fair	No significant defects noted	Low	Short	Medium	
1133	<i>Eucalyptus punctata</i>	Grey Gum	16	8	320	400	3840	2252	Fair	Mature	Fair	Poor tree form	Medium	Medium	Medium	
1134	<i>Eucalyptus microcorys</i>	Tallowwood	22	20	685	900	8220	3166	Good	Mature	Fair	No significant defects noted	High	Medium	High	
1135	<i>Eucalyptus saligna</i>	Sydney Blue Gum	17	12	475	545	5700	2565	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
1136	<i>Eucalyptus saligna</i>	Sydney Blue Gum	9	13	380	430	4560	2322	Good	Mature	Poor	Poor tree form	Low	Medium	Medium	
1137	<i>Eucalyptus saligna</i>	Sydney Blue Gum	24	15	640	750	7680	2933	Good	Mature	Fair	No significant defects noted	High	Medium	High	
1138	<i>Fraxinus oxycarpa</i> 'Raywood'	Claret Ash	4	4	260	325	3120	2064	Fair	Semi-mature	Fair	No significant defects noted	Low	Short	Low	
1139	<i>Eucalyptus saligna</i>	Sydney Blue Gum	10	12	320	340	3840	2104	Good	Mature	Fair	No significant defects noted	Low	Medium	Medium	
1140	<i>Lophostemon confertus</i>	Brush Box	13	12	485	520	5820	2515	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
1141	<i>Agonis flexuosa</i>	Willow Myrtle	4	9	550	700	6600	2849	Poor	Mature	Fair	Evidence of Decay	Low	Remove	Very low	
1142	<i>Lophostemon confertus</i>	Brush Box	10	9	400	440	4800	2344	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
1143	<i>Grevillea robusta</i>	Silky Oak	16	8	385	420	4620	2299	Fair	Mature	Fair	No significant defects noted	Medium	Short	Medium	

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1144	<i>Agonis flexuosa</i>	Willow Myrtle	6	8	450	640	5400	2744	Fair	Mature	Fair	Evidence of Decay	Low	Remove	Very low	
1145	<i>Eucalyptus saligna</i>	Sydney Blue Gum	13	7	335	390	4020	2228	Fair	Mature	Fair	Mechanical damage	Medium	Medium	Medium	
1146	<i>Eucalyptus tereticornis</i>	Forest Red Gum	20	13	425	460	5100	2388	Good	Mature	Fair	Mechanical damage	Medium	Medium	Medium	
1147	<i>Eucalyptus saligna</i>	Sydney Blue Gum	10	10	400	600	4800	2670	Fair	Mature	Fair	Mechanical damage	Medium	Medium	Medium	
1148	<i>Agonis flexuosa</i>	Willow Myrtle	6	6	700	670	8400	2797	Good	Mature	Fair	Poor tree form	Low	Medium	Medium	
1149	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	12	6	365	425	4380	2310	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
1150	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	20	20	1550	1480	15000	3902	Good	Mature	Fair	Bark Inclusion	High	Medium	High	
1151	<i>Syzygium paniculatum</i>	Magenta Cherry	5	4	240	320	2880	2051	Good	Mature	Fair	Bark Inclusion	Low	Medium	Low	
1152	<i>Eucalyptus saligna</i>	Sydney Blue Gum	9	7	300	325	3600	2064	Poor	Mature	Fair	Poor tree form	Low	Short	Medium	
1153	<i>Eucalyptus saligna</i>	Sydney Blue Gum	27	22	1400	1550	15000	3978	Good	Mature	Fair	No significant defects noted	High	Medium	High	
1154	<i>Eucalyptus saligna</i>	Sydney Blue Gum	14	8	300	400	3600	2252	Fair	Mature	Fair	Poor tree form	Low	Medium	Medium	
1155	<i>Eucalyptus saligna</i>	Sydney Blue Gum	27	20	700	880	8400	3136	Good	Mature	Fair	No significant defects noted	High	Medium	High	
1156	<i>Eucalyptus saligna</i>	Sydney Blue Gum	16	8	365	380	4380	2204	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
1157	<i>Agonis flexuosa</i>	Willow Myrtle	9	8	1000	1100	12000	3445	Fair	Mature	Poor	Evidence of Decay	Low	Remove	Very low	
1158	<i>Eucalyptus saligna</i>	Sydney Blue Gum	16	14	400	500	4800	2474	Good	Mature	Poor	Poor tree form	Medium	Medium	Medium	
1159	<i>Eucalyptus saligna</i>	Sydney Blue Gum	26	13	440	500	5280	2474	Good	Mature	Fair	No significant defects noted	High	Medium	High	
1160	<i>Agonis flexuosa</i>	Willow Myrtle	5	6	680	800	8160	3013	Fair	Mature	Poor	Evidence of Decay	Low	Remove	Very low	
1161	<i>Eucalyptus saligna</i>	Sydney Blue Gum	26	12	575	1050	6900	3378	Good	Mature	Fair	Cavity, bird browse wounds	High	Medium	High	
1162	<i>Eucalyptus saligna</i>	Sydney Blue Gum	18	12	385	495	4620	2463	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
1163	<i>Eucalyptus saligna</i>	Sydney Blue Gum	24	9	380	500	4560	2474	Good	Mature	Fair	Hanging branches	High	Medium	High	
1164	<i>Eucalyptus haemastoma</i>	Scribbly Gum	14	11	435	475	5220	2421	Good	Mature	Fair	Previous failures	Medium	Medium	Medium	
1165	<i>Eucalyptus haemastoma</i>	Scribbly Gum	10	10	365	415	4380	2287	Good	Mature	Fair	Over-extended branches	Low	Medium	Medium	
1166	<i>Melaleuca bracteata</i>	Black Tea Tree	5	3	200	300	2400	1996	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	

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1167	<i>Melaleuca bracteata</i>	Black Tea Tree	5	3	200	300	2400	1996	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
1168	<i>Melaleuca bracteata</i>	Black Tea Tree	5	3	200	300	2400	1996	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
1169	<i>Melaleuca bracteata</i>	Black Tea Tree	6	6	300	345	3600	2117	Good	Mature	Fair	No significant defects noted	Low	Medium	Medium	
1170	<i>Melaleuca bracteata</i>	Black Tea Tree	6	6	300	345	3600	2117	Good	Mature	Fair	No significant defects noted	Low	Medium	Medium	
1171	<i>Melaleuca bracteata</i>	Black Tea Tree	6	6	300	345	3600	2117	Good	Mature	Fair	No significant defects noted	Low	Medium	Medium	
1172	<i>Melaleuca bracteata</i>	Black Tea Tree	6	6	365	390	4380	2228	Good	Mature	Fair	No significant defects noted	Low	Medium	Medium	
1173	<i>Melaleuca bracteata</i>	Black Tea Tree	5	6	250	300	3000	1996	Good	Mature	Fair	Bark Inclusion	Low	Short	Low	
1173A	<i>Banksia serrata</i>	Old Man Banksia	9	9	400	445	4800	2355	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
1174	<i>Prunus cerasifera</i>	Cherry Plum	3	2	100	150	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
1175	<i>Lagerstroemia indica</i>	Crepe Myrtle	4	2	55	80	2000	1500	Good	Juvenile	Fair	No significant defects noted, memorial tree	Medium	Medium	Low	
1176	<i>Lophostemon confertus</i>	Brush Box	7	9	500	470	6000	2410	Fair	Mature	Poor	Suppressed	Low	Medium	Medium	
1177	<i>Lophostemon confertus</i>	Brush Box	16	16	1000	1150	12000	3509	Fair	Mature	Fair	No significant defects noted	High	Medium	High	
1178	<i>Lophostemon confertus</i>	Brush Box	12	13	680	800	8160	3013	Poor	Senescent	Fair	No significant defects noted	Medium	Short	Medium	
1179	<i>Pinus radiata</i>	Monterey Pine	18	20	1000	1140	12000	3497	Poor	Mature	Fair	No significant defects noted	Medium	Short	Medium	
1180	<i>Pinus radiata</i>	Monterey Pine	15	8	450	475	5400	2421	Fair	Mature	Fair	No significant defects noted	Medium	Short	Medium	
1181	<i>Lophostemon confertus</i>	Brush Box	6	4	260	300	3120	1996	Good	Semi-mature	Poor	Poor tree form	Low	Medium	Medium	
1182	<i>Lophostemon confertus</i>	Brush Box	6	4	260	300	3120	1996	Good	Mature	Poor	Poor tree form	Medium	Medium	Medium	
1183	<i>Cinnamomum camphora</i>	Camphor Laurel	10	15	1500	1800	15000	4236	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
1184	<i>Lophostemon confertus</i>	Brush Box	8	4	325	380	3900	2204	Good	Semi-mature	Fair	No significant defects noted	Low	Medium	Medium	
1185	<i>Lophostemon confertus</i>	Brush Box	9	9	385	435	4620	2333	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
1186	<i>Lophostemon confertus</i>	Brush Box	14	12	650	700	7800	2849	Fair	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
1187	<i>Lophostemon confertus</i>	Brush Box	11	4	385	400	4620	2252	Fair	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
1188	<i>Lophostemon confertus</i>	Brush Box	9	8	360	400	4320	2252	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	

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1189	<i>Lophostemon confertus</i>	Brush Box	8	6	300	320	3600	2051	Fair	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
1190	<i>Araucaria columnaris</i>	Cook Pine	12	3	315	375	3780	2192	Good	Semi-mature	Fair	No significant defects noted	High	Medium	High	
1191	<i>Ulmus parvifolia</i>	Chinese Elm	8	12	375	400	4500	2252	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
1192	<i>Araucaria columnaris</i>	Cook Pine	6	3	265	300	3180	1996	Good	Mature	Fair	No significant defects noted	Low	Medium	Medium	
1193	<i>Lophostemon confertus</i>	Brush Box	6	4	265	330	3180	2077	Good	Semi-mature	Fair	Suppressed	Low	Medium	Medium	
1194	<i>Lophostemon confertus</i>	Brush Box	6	4	300	350	3600	2129	Good	Mature	Fair	Suppressed	Low	Medium	Medium	
1195	<i>Lophostemon confertus</i>	Brush Box	6	4	300	350	3600	2129	Good	Mature	Fair	Suppressed	Low	Medium	Medium	
1196	<i>Lophostemon confertus</i>	Brush Box	8	4	340	360	4080	2155	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
1197	<i>Lophostemon confertus</i>	Brush Box	8	7	360	385	4320	2216	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
1198	<i>Eucalyptus nicholii</i>	Narrow-leaved Black Peppermint	10	8	420	450	5040	2366	Poor	Mature	Poor	Root damage	Low	Remove	Very low	
1199	<i>Pinus radiata</i>	Monterey Pine	15	15	575	620	6900	2707	Fair	Mature	Fair	No significant defects noted	Medium	Short	Medium	
1200	<i>Lophostemon confertus</i>	Brush Box	9	4	345	375	4140	2192	Good	Semi-mature	Fair	No significant defects noted	Low	Medium	Medium	
1201	<i>Pinus radiata</i>	Monterey Pine	11	6	400	440	4800	2344	Fair	Mature	Fair	No significant defects noted	Medium	Short	Medium	
1202	<i>Eucalyptus robusta</i>	Swamp Mahogany	7	5	260	300	3120	1996	Fair	Semi-mature	Poor	Poor tree form	Low	Short	Medium	
1203	<i>Tristaniaopsis laurina</i>	Water Gum	4	4	240	295	2880	1982	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
1204	<i>Pinus radiata</i>	Monterey Pine	15	12	900	945	10800	3232	Poor	Mature	Fair	No significant defects noted	Medium	Short	Medium	
1205	<i>Lophostemon confertus</i>	Brush Box	10	4	360	425	4320	2310	Good	Mature	Fair	Bark Inclusion	Medium	Medium	Medium	
1206	<i>Lophostemon confertus</i>	Brush Box	10	6	400	440	4800	2344	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
1207	<i>Tristaniaopsis laurina</i>	Water Gum	4	3	200	285	2400	1953	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
1208	<i>Lophostemon confertus</i>	Brush Box	7	4	400	380	4800	2204	Good	Mature	Fair	No significant defects noted	Low	Medium	Medium	
1209	<i>Eucalyptus robusta</i>	Swamp Mahogany	6	4	225	285	2700	1953	Fair	Juvenile	Poor	Suppressed	Low	Short	Medium	
1210	<i>Eucalyptus robusta</i>	Swamp Mahogany	14	18	1200	1800	14400	4236	Good	Mature	Fair	Poor tree form, significant bark inclusion	Medium	Medium	Medium	
1211	<i>Lophostemon confertus</i>	Brush Box	10	9	400	445	4800	2355	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	

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1212	<i>Lophostemon confertus</i>	Brush Box	10	8	345	395	4140	2240	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
1213	<i>Lophostemon confertus</i>	Brush Box	10	8	345	395	4140	2240	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
1214	<i>Lophostemon confertus</i>	Brush Box	10	8	345	395	4140	2240	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
1215	<i>Lophostemon confertus</i>	Brush Box	10	8	345	395	4140	2240	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
1216	<i>Lagunaria patersonii</i>	Norfolk Island Hibiscus	5	3	300	345	3600	2117	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
1217	<i>Eucalyptus robusta</i>	Swamp Mahogany	15	15	525	585	6300	2642	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
1218	<i>Eucalyptus robusta</i>	Swamp Mahogany	5	4	285	350	3420	2129	Fair	Mature	Poor	Poor tree form	Low	Short	Low	
1219	<i>Eucalyptus robusta</i>	Swamp Mahogany	16	12	500	600	6000	2670	Good	Mature	Fair	Bark Inclusion	Medium	Medium	Medium	
1220	<i>Lophostemon confertus</i>	Brush Box	7	5	350	400	4200	2252	Good	Semi-mature	Poor	Poor tree form	Low	Medium	Medium	
1221	<i>Eucalyptus saligna</i>	Sydney Blue Gum	12	6	280	335	3360	2091	Fair	Semi-mature	Fair	Poor tree form	Low	Medium	Medium	
1222	<i>Eucalyptus botryoides</i>	Bangalay	11	12	480	450	5760	2366	Good	Mature	Poor	Poor tree form	Low	Medium	Medium	
1223	<i>Agonis flexuosa</i>	Willow Myrtle	5	6	700	800	8400	3013	Fair	Mature	Poor	Evidence of Decay	Low	Remove	Very low	
1224	<i>Agonis flexuosa</i>	Willow Myrtle	10	15	850	1085	10200	3425	Good	Mature	Poor	Evidence of Decay	Medium	Remove	Very low	
1225	<i>Eucalyptus saligna</i>	Sydney Blue Gum	24	30	625	1140	7500	3497	Good	Mature	Fair	Poor tree form	High	Medium	High	
1226	<i>Agonis flexuosa</i>	Willow Myrtle	10	10	1300	1350	15000	3754	Fair	Mature	Fair	Evidence of Decay	Medium	Short	Medium	
1227	<i>Agonis flexuosa</i>	Willow Myrtle	10	8	400	880	4800	3136	Fair	Mature	Poor	Evidence of Decay	Low	Remove	Very low	
1228	<i>Lophostemon confertus</i>	Brush Box	9	3	250	340	3000	2104	Good	Mature	Fair	No significant defects noted	Low	Medium	Medium	
1229	<i>Lophostemon confertus</i>	Brush Box	14	14	455	440	5460	2344	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
1230	<i>Agonis flexuosa</i>	Willow Myrtle	5	5	450	550	5400	2575	Poor	Senescent	Fair	No significant defects noted	Low	Short	Low	
1231	<i>Agonis flexuosa</i>	Willow Myrtle	6	8	700	800	8400	3013	Poor	Senescent	Hazardous	Evidence of Decay	Low	Remove	Very low	
1232	<i>Agonis flexuosa</i>	Willow Myrtle	10	10	1000	1200	12000	3573	Poor	Mature	Hazardous	Evidence of Decay	Medium	Remove	Very low	
1232A	<i>Lophostemon confertus</i>	Brush Box	9	5	365	400	4380	2252	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
1233	<i>Agonis flexuosa</i>	Willow Myrtle	14	14	1800	2600	15000	4944	Good	Mature	Fair	Evidence of Decay	Medium	Short	Medium	

Tree no.	Botanical name	Common name	Height (m)	Spread(m)	DBH (mm)	DAB (mm)	TPZ (mm)	SRZ (mm)	Vigour	Maturity	Structure	Defects	Landscape sig.	Life Expectancy	Retention value	Comments
1234	<i>Lophostemon confertus</i>	Brush Box	12	7	300	360	3600	2155	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
1235	<i>Agonis flexuosa</i>	Willow Myrtle	10	12	650	1250	7800	3635	Fair	Mature	Fair	Evidence of Decay	Low	Short	Medium	
1236	<i>Agonis flexuosa</i>	Willow Myrtle	7	9	1100	1150	13200	3509	Fair	Mature	Fair	Evidence of Decay	Medium	Short	Medium	
1237	<i>Eucalyptus robusta</i>	Swamp Mahogany	14	18	700	800	8400	3013	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
1238	<i>Agonis flexuosa</i>	Willow Myrtle	5	4	400	475	4800	2421	Good	Mature	Fair	Evidence of Decay	Low	Medium	Low	
1239	<i>Syzygium paniculatum</i>	Magenta Cherry	4	3	85	120	2000	1500	Good	Juvenile	Fair	No significant defects noted	Low	Medium	Low	
1240	<i>Agonis flexuosa</i>	Willow Myrtle	8	14	1400	1800	15000	4236	Fair	Mature	Poor	Poor tree form	Low	Medium	Medium	
1241	<i>Agonis flexuosa</i>	Willow Myrtle	11	16	1080	1150	12960	3509	Good	Mature	Fair	Hanging branches	Medium	Medium	Medium	
1242	<i>Liquidambar styraciflua</i>	Sweet Gum	15	14	380	430	4560	2322	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
1243	<i>Callistemon viminalis</i>	Weeping Bottlebrush	5	7	375	395	4500	2240	Fair	Mature	Fair	No significant defects noted	Low	Medium	Low	
1244	<i>Melaleuca quinquenervia</i>	Broad leaved paperbark	10	10	800	780	9600	2981	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
1245	<i>Melaleuca quinquenervia</i>	Broad leaved paperbark	8	5	355	390	4260	2228	Fair	Semi-mature	Fair	No significant defects noted	Low	Medium	Medium	
1246	<i>Melaleuca quinquenervia</i>	Broad leaved paperbark	8	8	460	750	5520	2933	Fair	Mature	Fair	Bark Inclusion	Low	Medium	Medium	
1247	<i>Ficus rubiginosa</i>	Port Jackson Fig	20	30	3000	3000	15000	5250	Good	Mature	Fair	Bark Inclusion	High	Long	High	
1248	<i>Dead Tree</i>	Dead Tree	3	1	50	100	2000	1500	Dead	Dead	Fair	Dead	Low	Dead	Very low	
1249	<i>Acacia fimbriata</i>	Fringed Wattle	5	5	325	365	3900	2167	Fair	Mature	Fair	No significant defects noted	Low	Short	Low	
1250	<i>Acacia fimbriata</i>	Fringed Wattle	4	4	250	320	3000	2051	Fair	Mature	Fair	No significant defects noted	Low	Short	Low	
1251	<i>Acacia fimbriata</i>	Fringed Wattle	3	3	150	200	2000	1683	Fair	Mature	Fair	No significant defects noted	Low	Short	Low	
1252	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	4	2	40	65	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
1253	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	5	4	200	300	2400	1996	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
1254	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	3	1	20	50	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
1255	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	3	2	60	85	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
1256	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	4	2	135	165	2000	1553	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
1257	<i>Acacia fimbriata</i>	Fringed Wattle	5	4	185	230	2220	1785	Good	Mature	Fair	No significant defects noted	Low	Short	Low	
1258	<i>Acacia fimbriata</i>	Fringed Wattle	4	1	50	85	2000	1500	Poor	Mature	Fair	No significant defects noted	Low	Short	Low	

Tree no.	Botanical name	Common name	Height (m)	Spread(m)	DBH (mm)	DAB (mm)	TPZ (mm)	SRZ (mm)	Vigour	Maturity	Structure	Defects	Landscape sig.	Life Expectancy	Retention value	Comments
1259	<i>Acacia fimbriata</i>	Fringed Wattle	5	4	250	350	3000	2129	Good	Mature	Fair	No significant defects noted	Low	Short	Low	
1260	<i>Acacia fimbriata</i>	Fringed Wattle	4	3	135	230	2000	1785	Good	Mature	Fair	No significant defects noted	Low	Short	Low	
1261	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	5	1	85	125	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
1262	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	5	1	85	125	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
1263	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	3	2	50	70	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
1264	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	4	3	60	90	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
1265	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	4	3	60	90	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
1266	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	3	1	30	50	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
1267	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	4	2	30	50	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
1268	<i>Acacia fimbriata</i>	Fringed Wattle	5	5	275	330	3300	2077	Good	Mature	Fair	No significant defects noted	Low	Short	Low	
1269	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	3	2	55	85	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
1270	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	4	1	45	85	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
1271	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	4	1	25	65	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
1272	<i>Acacia fimbriata</i>	Fringed Wattle	5	4	120	165	2000	1553	Good	Mature	Fair	No significant defects noted	Low	Short	Low	
1273	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	4	1	40	60	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
1274	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	4	2	75	130	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
1275	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	4	2	65	85	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
1276	<i>Acacia fimbriata</i>	Fringed Wattle	4	3	100	160	2000	1533	Good	Mature	Poor	Poor tree form	Low	Short	Low	
1277	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	3	1	35	55	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
1278	<i>Acacia fimbriata</i>	Fringed Wattle	4	4	150	210	2000	1718	Good	Mature	Fair	No significant defects noted	Low	Short	Low	
1279	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	4	2	60	85	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
1280	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	4	2	60	85	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
1281	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	5	2	100	140	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
1282	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	5	2	40	75	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	

Tree no.	Botanical name	Common name	Height (m)	Spread(m)	DBH (mm)	DAB (mm)	TPZ (mm)	SRZ (mm)	Vigour	Maturity	Structure	Defects	Landscape sig.	Life Expectancy	Retention value	Comments
1283	<i>Acacia fimbriata</i>	Fringed Wattle	5	3	100	120	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Short	Low	
1284	<i>Acacia fimbriata</i>	Fringed Wattle	5	3	100	120	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Short	Low	
1285	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	4	2	30	60	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
1286	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	4	2	80	120	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
1287	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	4	2	80	120	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
1288	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	5	3	120	160	2000	1533	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
1289	<i>Acacia fimbriata</i>	Fringed Wattle	5	4	185	230	2220	1785	Good	Mature	Fair	No significant defects noted	Low	Short	Low	
1290	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	4	2	65	85	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
1291	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	5	2	140	260	2000	1879	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
1292	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	5	2	140	260	2000	1879	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
1293	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	5	2	120	165	2000	1553	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
1294	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	4	1	50	85	2000	1500	Fair	Mature	Fair	No significant defects noted	Low	Medium	Low	
1295	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	3	2	35	65	2000	1500	Fair	Mature	Fair	No significant defects noted	Low	Medium	Low	
1296	Dead Tree	Dead Tree	4	1	55	85	2000	1500	Dead	Dead	Fair	Dead	Low	Dead	Very low	
1297	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	5	2	50	95	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
1298	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	5	2	50	95	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
1299	<i>Eucalyptus punctata</i>	Grey Gum	13	8	355	395	4260	2240	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
1300	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	5	2	85	120	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
1301	<i>Acacia fimbriata</i>	Fringed Wattle	5	3	140	160	2000	1533	Good	Mature	Fair	No significant defects noted	Low	Short	Low	
1302	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	5	2	75	120	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
1303	<i>Acacia fimbriata</i>	Fringed Wattle	3	2	20	40	2000	1500	Fair	Mature	Fair	No significant defects noted	Low	Short	Low	
1304	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	3	2	40	55	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
1305	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	5	3	200	285	2400	1953	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
1306	Dead Tree	Dead Tree	4	1	35	50	2000	1500	Dead	Dead	Fair	Dead	Low	Dead	Very low	

Tree no.	Botanical name	Common name	Height (m)	Spread(m)	DBH (mm)	DAB (mm)	TPZ (mm)	SRZ (mm)	Vigour	Maturity	Structure	Defects	Landscape sig.	Life Expectancy	Retention value	Comments
1307	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	4	2	35	60	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Medium	Low	
1308	<i>Eucalyptus punctata</i>	Grey Gum	13	6	295	340	3540	2104	Good	Mature	Hazardous	Bark Inclusion	Medium	Remove	Very low	
1309	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	4	2	45	85	2000	1500	Good	Mature	Fair	Bark Inclusion	Low	Medium	Low	
1310	<i>Melaleuca styphelioides</i>	Prickly-Leaved Paperbark	4	2	40	55	2000	1500	Good	Mature	Fair	Bark Inclusion	Low	Medium	Low	
1311	<i>Acacia fimbriata</i>	Fringed Wattle	5	5	250	320	3000	2051	Good	Mature	Fair	Bark Inclusion	Low	Short	Low	
1312	<i>Ficus microcarpa</i> var. <i>Hillii</i>	Hills Fig	20	20	900	960	10800	3253	Good	Mature	Fair	Bark Inclusion	High	Medium	High	
1313	<i>Ficus microcarpa</i> var. <i>Hillii</i>	Hills Fig	18	12	780	780	9360	2981	Good	Mature	Fair	Bark Inclusion	High	Medium	High	
1314	<i>Ficus microcarpa</i> var. <i>Hillii</i>	Hills Fig	18	20	800	880	9600	3136	Good	Mature	Fair	Bark Inclusion	High	Medium	High	
1315	<i>Ficus microcarpa</i> var. <i>Hillii</i>	Hills Fig	10	10	280	295	3360	1982	Fair	Mature	Fair	Hanging branches	Medium	Medium	Medium	
1316	<i>Ficus microcarpa</i> var. <i>Hillii</i>	Hills Fig	8	8	275	290	3300	1968	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
1317	<i>Ficus microcarpa</i> var. <i>Hillii</i>	Hills Fig	11	12	355	320	4260	2051	Good	Mature	Fair	No significant defects noted	High	Medium	High	
1318	<i>Ficus microcarpa</i> var. <i>Hillii</i>	Hills Fig	11	12	355	320	4260	2051	Good	Mature	Fair	No significant defects noted	High	Medium	High	
1319	<i>Ficus microcarpa</i> var. <i>Hillii</i>	Hills Fig	11	12	355	320	4260	2051	Good	Mature	Fair	No significant defects noted	High	Medium	High	
1320	<i>Angophora costata</i>	Sydney Red Gum	10	8	340	365	4080	2167	Good	Mature	Fair	No significant defects noted	High	Medium	High	
1321	<i>Ficus microcarpa</i> var. <i>Hillii</i>	Hills Fig	8	9	340	350	4080	2129	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
1322	<i>Ficus microcarpa</i> var. <i>Hillii</i>	Hills Fig	12	13	400	400	4800	2252	Good	Mature	Fair	No significant defects noted	High	Medium	High	
1323	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	9	10	865	880	10380	3136	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
1324	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	7	9	470	600	5640	2670	Good	Mature	Fair	No significant defects noted	Medium	Medium	Medium	
1325	<i>Olea europaea</i> subsp. <i>cuspidata</i>	Wild Olive	10	7	345	400	4140	2252	Good	Mature	Fair	No significant defects noted	Low	Remove	Very low	
1326	<i>Olea europaea</i> subsp. <i>cuspidata</i>	Wild Olive	3	1	30	40	2000	1500	Good	Mature	Fair	No significant defects noted	Low	Remove	Very low	
1327	<i>Olea europaea</i> subsp. <i>cuspidata</i>	Wild Olive	10	10	460	550	5520	2575	Good	Mature	Fair	No significant defects noted	Low	Remove	Very low	

Appendix C – Procedure for Vegetation Clearing

Appendix C

Procedure for Vegetation Clearing

Western Harbour Tunnel and Warringah Freeway Upgrade

Stage 1B Early and Enabling Works – Cammeray Golf Course Adjustment Works

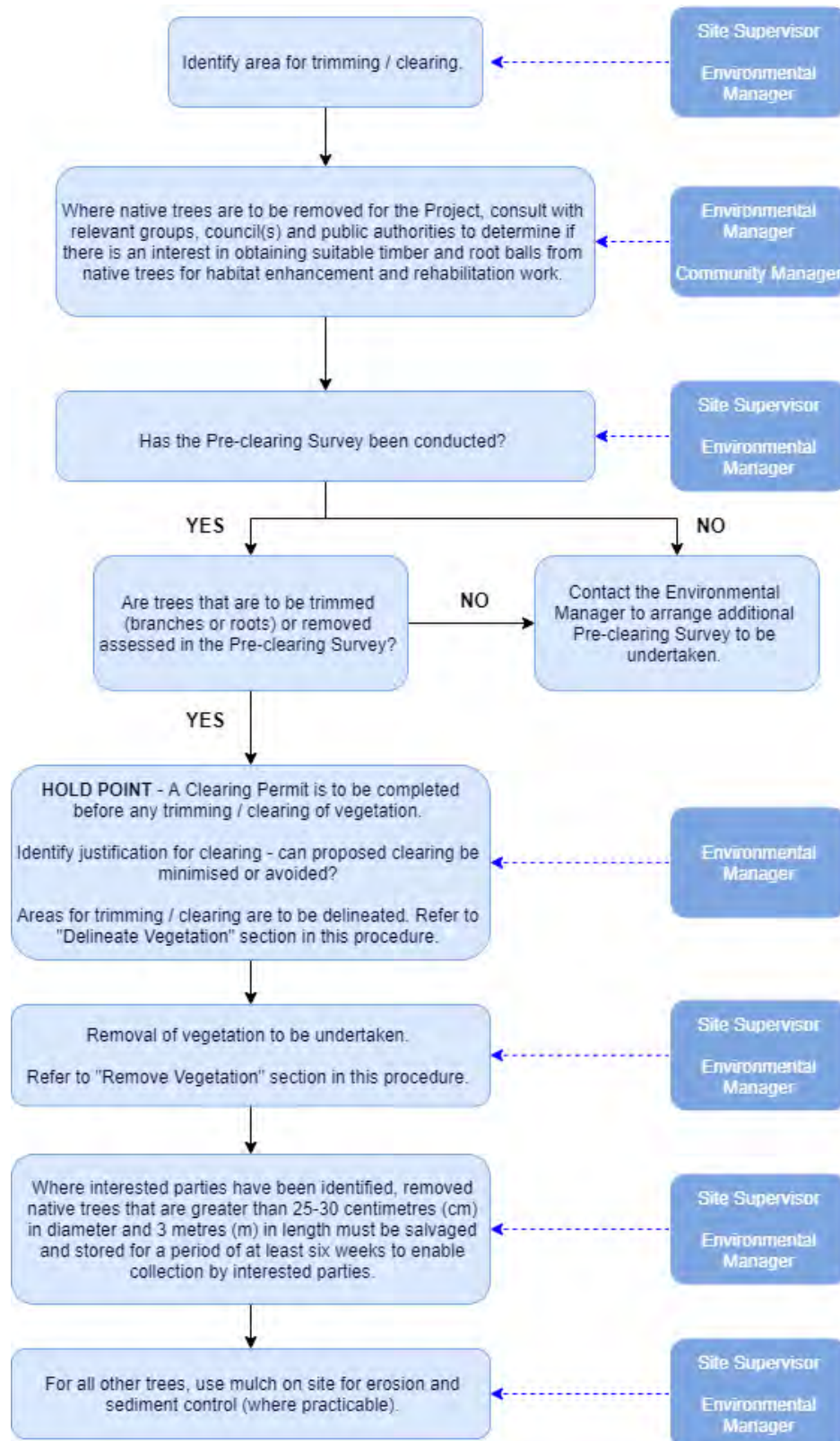
July 2022

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Vegetation Clearing Procedure

VEGETATION CLEARING

Vegetation Clearing Flowchart



Purpose

This Procedure has been prepared in as part of the Flora and Fauna Management Sub-plan (FFMP) due to the risks associated with the environmental aspects of the Project. This Procedure details the effective management measures to minimise the impacts on flora and fauna from disturbance and loss of habitat as a result of vegetation clearing and trimming during the Cammeray Golf Course Adjustment works of the project.

This Procedure has been prepared to consider Conditions of Approval (CoA) E48, Revised Environmental Management Measure (REMM) B1 to B3, B5, B10, B11, B14, B15, *Guide 1: Pre-clearing process of the Biodiversity Guidelines: Protecting and managing biodiversity on RTA projects* (RTA, 2011), and *Guide 4: Clearing of vegetation and removal of bushrock of the Biodiversity Guidelines: Protecting and managing biodiversity on RTA projects* (RTA 2011).

This Procedure addresses the specific environmental performance outcomes for flora and fauna, as outlined in Appendix A2 of the Construction Environmental Management Plan (CEMP).

Potential Impacts

- Loss of plant species during clearing works.
- Disturbance or mortality of fauna during clearing works.
- Loss of fauna habitat or degradation.
- Fragmentation of habitats

Recorded Threatened Flora

Records of threatened flora or fauna species that have been identified in the vicinity of the Cammeray Golf Course Adjustment works are detailed in Section 4.1.2 of the FFMP.

Training and Inductions

All personnel will receive Environmental Inductions and ongoing training via Toolbox Talks, including Vegetation Clearing Procedure. Toolbox talk or pre-start meeting will be undertaken to discuss limit of clearing, clearing procedures, fauna handling and any weed identification and control measures. The ecologist /arborist will endeavour to individually remove sections of a tree containing a hollow or habitat prior to clearing and felling where applicable.

Within three months of the removal of any native trees, consult with the local community restoration/rehabilitation groups, Landcare groups, relevant council(s), DPI Fisheries and any relevant public authorities to determine if there is an interest for the reuse of suitable timber and root balls in habitat enhancement and rehabilitation work.

Vegetation Clearing Procedure

Vegetation removal including the clearing of native vegetation and fauna habitat will be minimised, where feasible. Where unavoidable, the following Vegetation Clearing Procedure will be implemented during works:

Pre-clearing Survey

1. Pre-clearing surveys will be completed and reported by a suitably qualified ecologist, prior to the clearing of vegetation, and provide a report including with respect to the following matters:

- a. Identify the species and location of any weeds growing anywhere in the Cammeray Golf Course over the length to be cleared
 - b. Identify all locations of threatened flora species and trees to be marked or otherwise identified for preservation.
 - c. List any trees outside the limits of clearing which are unsound and likely to fall upon the roadway or onto private property.
 - d. Identify and clearly mark all hollow bearing trees.
2. The Environmental Staff (or delegated representative) will also inspect fauna habitat (including native and exotic trees and other vegetation, hollow bearing trees) for presence of fauna for relocation prior to clearing under the guidance of an ecologist.
 3. The ecologist will identify areas of habitat suitable for the release of fauna displaced during clearing of habitat trees prior to the commencement of vegetation clearance (refer to Fauna Handling Procedure).

Delineate Vegetation

The Environmental Manager and Site Supervisor will delineate the area of vegetation to be cleared or trimmed, based on the Pre-clearing Report using fencing or flagging at 25 metre intervals. The area of vegetation that is to be retained will be delineated and signage will be installed (e.g., Tree Protection Zone – No Access).

HOLD POINT (G40) - The presence of weeds and unsound trees must be reported to TfNSW, via written notice including the limits of clearing and areas of weed infestation identified in the Pre-clearing Report, at least 7 days before starting any clearing. The Environmental Manager (or delegate) will review the Pre-clearing Report, inspect and mark trees for preservation.

Clearing Permit is to be signed and issued from the Environmental Manager, prior to the commencement of any clearing works.

The G40 Hold Point release will be provided by the TfNSW Project Manager when they are satisfied that all commitments noted above have been fulfilled. This approval is required prior to commencement of removal of vegetation.

Remove Vegetation

Vegetation clearing will be undertaken in accordance with the Pre-clearing Report and clearing permit using appropriate equipment and methods as identified below.

1. Only clear within delineated area. **Where clearing or trimming is required outside the Pre-clearing Report area, this must be raised with the Environmental Manager before the commencement of any activity to seek further approvals required.**
2. If weeds are present, program works from the least infected areas to most infected areas, where practicable (refer to Weed Management Protocol for additional detail on management and removal of weeds).
3. All non-marked habitat trees and features will be removed first. Groundcover habitat features (i.e., logs) that are not too large will be removed and searched. All remaining marked habitat trees will be knocked (gently tapped with construction equipment) at the end of each day of clearing, and groundcover features will be gently rolled and searched for the presence of animals at the same time.
4. Each marked habitat tree will be thoroughly searched for the presence of animals and carefully removed in the presence of a suitably qualified ecologist and/or fauna rescue personnel

5. Marked habitat trees will be shaken prior to felling using an excavator or similar equipment, then left for a specific period (determined by the qualified ecologist) to allow any fauna using the hollows to be observed and removed.
6. An ecologist will instruct the equipment operator regarding how and which side to fell the trees. In some instances, sections of a tree containing a hollow or habitat may be individually removed prior to felling.
7. Hollow-bearing trees will be slowly pushed over, with care taken to avoid damage to hollows. All practical measures will be taken to ensure that the tree falls as slowly as possible.
8. Fauna found during the clearance searches will be either left to move into adjacent habitat on their own accord or captured and released into adjacent or nearby suitable habitat, at a time suitable for the subject species* (refer to the Unexpected Fauna/Flora Finds Procedure).
9. If interested parties have been identified within three months of the removal of any native trees, native trees that are removed that are greater than 25-30 cm in diameter and 3 m in length must be salvaged and stored for a period of at least six weeks to enable collection by interested parties.
10. Mulch derived from native trees (not previously salvaged in Step 9) is to be reused on-site for erosion and sediment control or landscaping, if practicable. Residual mulch is to be taken to a recycling facility. Mulch/ green waste containing herbaceous noxious weeds will be managed in accordance with the Waste and Resource Use Management Procedure. Records of mulch/ green waste sent off site will be recorded.

* Any nocturnal fauna found during the clearance searches will be handled in accordance with the Unexpected Fauna/Flora Finds procedure

Tree Protection

- Safe working distances will be maintained outside the dripline of tree canopies.
- Avoid structural root zone and protect roots, as required.
- Any roots that are intercepted or require removal as part of the works will be inspected by an ecologist prior to the works commencing.
- No materials will be stockpiled under tree canopies

Monitoring and Inspection

The Environmental Manager will inspect the implementation of high visibility fencing and signage near the vegetation clearing boundaries. The inspection will be undertaken daily during clearing activities.

Reporting

A suitably qualified ecologist will report on the results of Pre-clearing Survey prior to clearing works commencing.

This will be issued to the project team, with the details of this report to be used for input into relevant project documentation, such as sensitive area mapping.

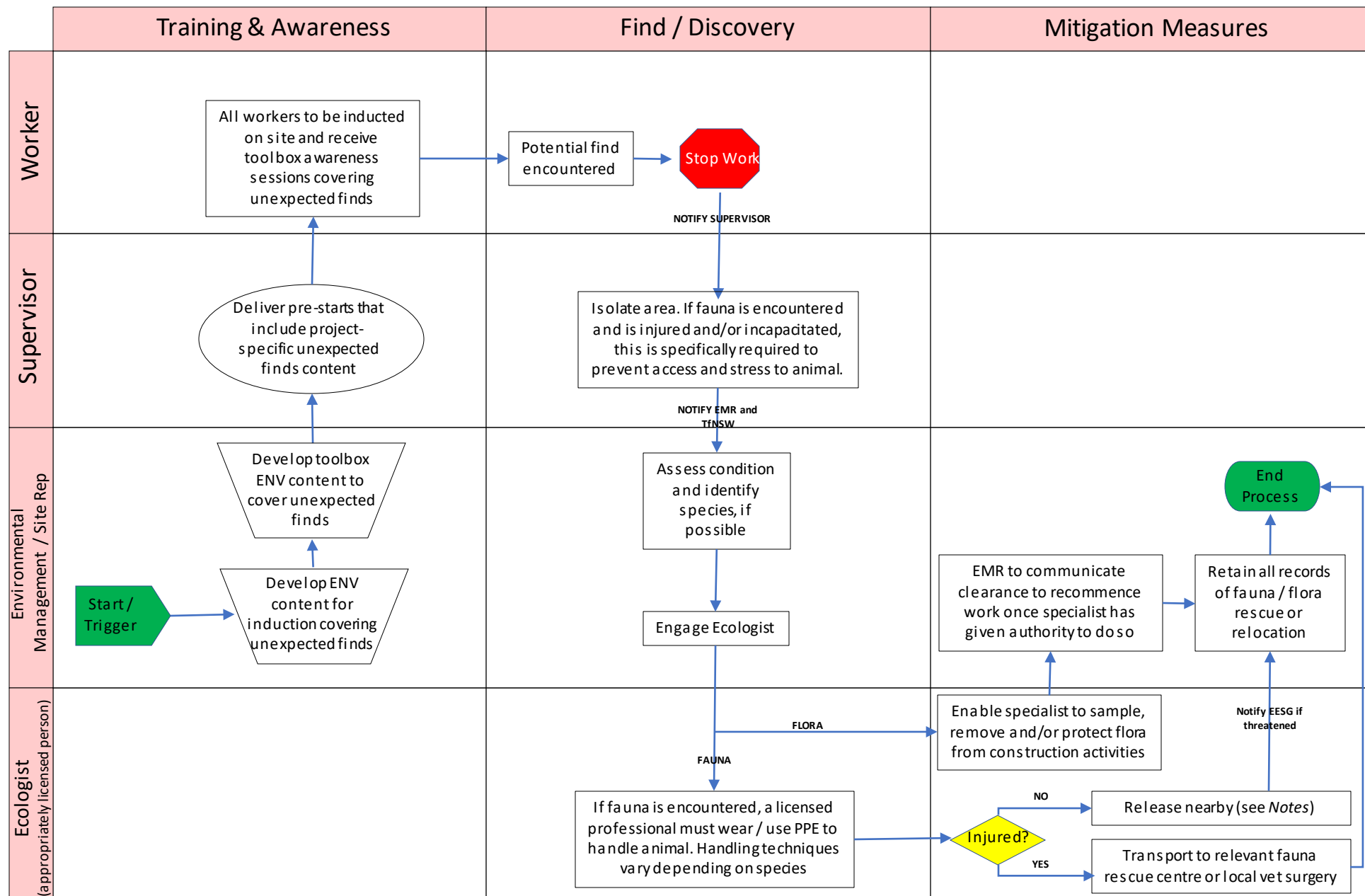
The outcomes of the clearing process will be recorded, including a count of trees and their species to assist with the calculation the 2:1 offset as required by CoA E187.

Unexpected Finds

The Unexpected Species Find Procedure included in *Biodiversity Guidelines: Protecting and managing biodiversity on RTA projects* (RTA, 2011) will be followed if threatened ecological communities, flora or fauna species, not previously identified, are identified in the vicinity of the Cammeray Golf Course Adjustment Works.

Appendix D – Unexpected Fauna/Flora Find

Environmental Procedure – Unexpected Fauna / Flora Find



NOTES

Acronyms / Abbreviations:

SPA – Sydney Program Alliance
 ENV – Environment
 CEMP – Construction Environmental Management Plan
 JHET – John Holland Event Tracker system
 SEP – Site Environment Plan
 EWMS – Environmental Work Method Statement
 EMR / ESR – Environmental Management / Site Rep
 APM – Alliance Program Manager
 TfNSW – Transport for NSW

Reference Legislation / Guidance Material:

Environmental Planning and Assessment Act 1979
 Biodiversity Act 2016
 Environment Protection & Biodiversity Conservation Act (Cth) 2000
 Protecting and managing biodiversity on RTA projects (RTA, 2011)

Relevant Authorities:

NSW Department of Environment, Energy and Science (formerly NSW Office of Environment & Heritage)

Release Considerations (upon guidance of Ecology Specialist):

If the animal is not injured or stressed it may be released nearby, in accordance with the following:

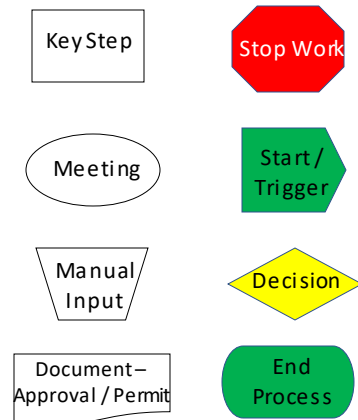
- o If the species if nocturnal, release will be carried out at dusk
- o As close to the original location as possible, in an area not to be disturbed by construction activities; and
- o No release would take place during periods of heavy rainfall, unless a qualified ecologist determines that the animal is too stressed to be held any longer.

General Notes:

For all matters related to the understanding and implementation of this environmental procedure, liaise with the SPA EMR / ESR. All records related to this environmental procedure to be stored in Project Pack Web, including monitoring, inspections, complaints and incidents.

This environmental procedure must be read in conjunction with the CEMP EWMS for working in proximity to heritage items / fabric; and SEP.

LEGEND



Appendix E – Weed and Pathogen Management Protocol

Appendix E

Weed and Pathogen Management Protocol

Western Harbour Tunnel and Warringah Freeway Upgrade

Stage 1B Early and Enabling Works – Cammeray Golf Course Adjustment Works

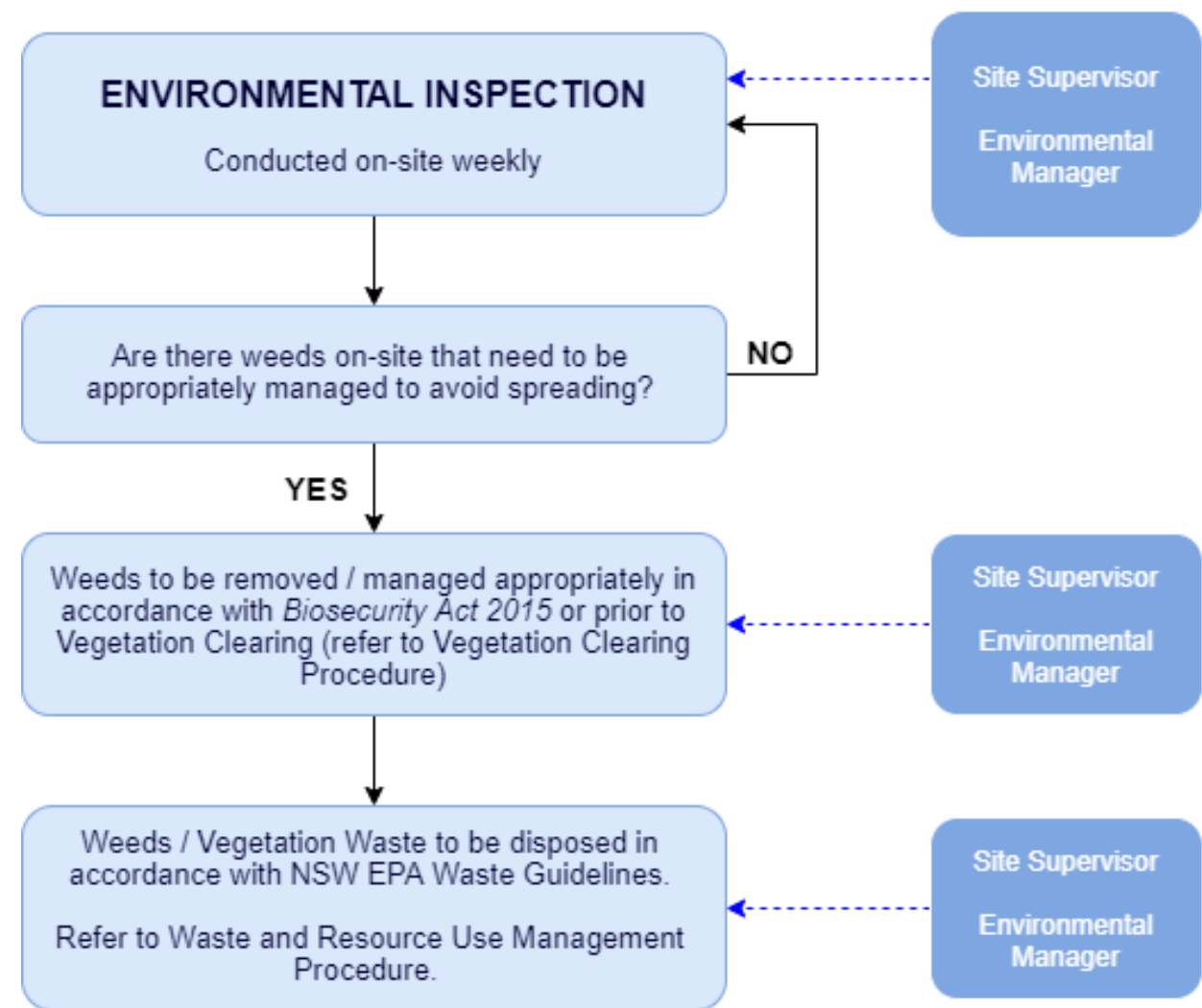
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Weed and Pathogen Management Protocol

WEED AND PATHOGEN MANAGEMENT

Weed Management Flowchart



Purpose

This Procedure details how weeds and pathogens will be managed and controlled to prevent or minimise the spread of noxious and environmental weed species and soil-borne pathogen *Phytophthora cinnamomi* (Phytophthora), throughout the Cammeray Golf Course Adjustment works of the project. All weeds will be identified by an ecologist.

This Procedure has been prepared to consider *Guide 2: Exclusion zones of the Biodiversity Guidelines: Protecting and managing biodiversity on RTA projects* (RTA, 2011) and *Guide 6: Weed management of the Biodiversity Guidelines: Protecting and managing biodiversity on RTA projects* (RTA, 2011).

Potential Impacts

The Cammeray Golf Course Adjustment works will be undertaken in highly urbanised areas, with little to no native vegetation, reducing the threat of weeds and pathogens to biodiversity. However, this Procedure will be implemented to minimise the risk of potential introduction and spread of weeds and Phytophthora during construction activities.

Training and Inductions

All personnel will receive Environmental Inductions and ongoing training via Toolbox Talks, including the existence of any priority weeds on site and management procedures.

Mitigation Measures



The introduction of weed species on-site and spread of Phytophthora will be minimised through the following:

- Map and mark areas that are infested with weeds as an exclusion zone with fencing and signage to limit access by personnel and vehicles.
- Clean machinery and vehicles will be inspected prior to arriving or departing from site to minimise the likelihood of transferring any plant material and soil.
- As far as possible, ensure any soil, plants or other materials entering the site are free of weeds and pathogens.
- Securely cover loads of weed-contaminated material to prevent weed plant material falling or blowing off vehicles.
- All weed plant material and topsoil containing weed plant material will be disposed of to an appropriate waste management facility.
- Remove weeds immediately onto suitable trucks and dispose of without stockpiling where possible.
- Any use of pesticides must be in accordance with the *Pesticides Act 1999* (NSW).
- Soil testing or testing of effected plant material will be conducted if dieback is evidenced on site to determine the presence of *P. cinnamomi*.

Appendix F – CGC Reconfiguration vegetation and tree map



Legend

-  CGC reconfiguration project boundary (including ATL)
-  Vegetation and trees impacted by Cammeray Golf Course reconfiguration work

*Marked areas are indicative only

