

ARBORICULTURAL IMPACT ASSESSMENT

MT EVELYN WATER TREATMENT PLANT

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1.0 INTRODUCTION

1.1.1 This Arboricultural impact assessment was prepared for Jacobs in September 2023 to:

- Assess trees within and close to proposed construction works for the Mt Evelyn Water Treatment Plant, Tramway Track, Mt Evelyn;
- Assess potential impacts on the trees by the proposed works, identifying those trees requiring removal;
- Assess potential impacts on trees by realignment of an existing overhead power supply in the north east of the study area.

1.2 STUDY AREA

1.2.1 The study area is a linear portion of land along the western end of Tramway Track, Mt Evelyn, terminating at Tramway Road.

1.2.2 The study area is shown at Figure 1, below.



FIGURE 1 STUDY AREA

1.3 METHODOLOGY

1.3.1 A ground-based visual assessment was undertaken for each tree within the study area.

1.3.2 Trees were assessed on the 28th June, 12th July and 14th December 2021, and 25th August and 1st September 2022. A follow up inspection was undertaken on 15th May, 2023.

1.3.3 For the purposes of this assessment, a tree is defined as a single stemmed woody plant greater than 3 metres in height and includes native and exotic taxa¹.

1.3.4 The following data was collected for each tree:

- Taxon and common name;
- Height and width, measured with a laser rangefinder;
- Diameter at breast height (DBH) and diameter at base (DAB), estimated;
- Age class;

- Health, structure and overall form;
- Useful life expectancy (ULE);
- Arboricultural rating.

1.3.5 An on-site assessment was undertaken on the 15th May 2023 to review the re-aligned route of the overhead power supply cable. Specific impacts, including constructability requirements and pruning, lopping or tree removal were undertaken with representatives of Melbourne Water’s builder and AusNet Services.

2.0 ARBORICULTURAL ASSESSMENT

2.1 ORIGIN OF ASSESSED TREES

2.1.1 Two hundred and five trees have been assessed within the study area, comprising all trees within and adjacent to the proposed Mt Evelyn Water Treatment Plant construction area and overhead power realignment, as shown on mapping at Section 6.0.

2.1.2 Most of the trees assessed, 97 percent, are locally indigenous species, with three unidentified Eucalypts broadly characterised as Australian Native species and three exotic trees comprising weedy Lombardy Poplars (*Populus nigra* var *italica*) and a Willow (*Salix* sp.).

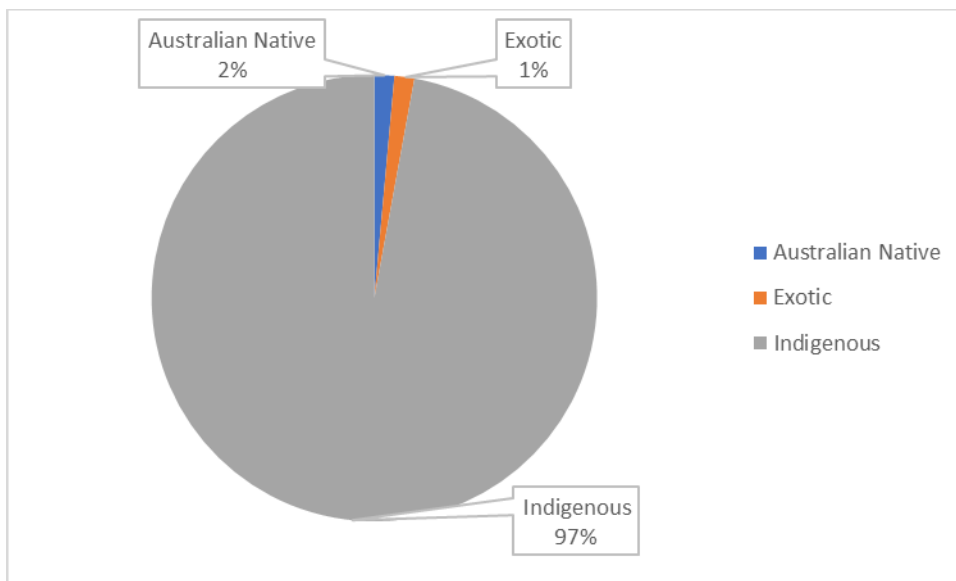


FIGURE 2 ORIGIN OF ASSESSED TREES

2.1.3 The most commonly encountered taxa are Swamp Gum (*Eucalyptus ovata*, 40%) Silver Wattle (*Acacia dealbata*, 30%), followed by Blackwood (*Acacia melanoxylon*, 12.5%) and Messmate (*E. obliqua*, 6.8%).

2.2 ARBORICULTURAL VALUE

2.2.1 Trees have been categorised by arboricultural value which encapsulates the size, health, structure and useful life expectancy of each tree into a single descriptor that assists in decision making and understanding overall impacts to trees.

2.2.2 Of the 205 trees assessed as part of this study:

- 6 trees have been assessed of high arboricultural value
- 67 trees have been assessed of moderate arboricultural value
- 125 trees have been assessed of low arboricultural value
- 7 trees have been assessed of no arboricultural value.

2.2.3 Full tree assessment data is included in Section 4.0. and tree locations are shown on the plans at Section 6.0.

3.0 IMPACT ASSESSMENT

3.1 INTRODUCTION

3.1.1 A detailed arboricultural impact assessment has been undertaken in accordance with the guidelines of AS4970-2009 *Protection of trees on development sites*. The tree protection zones (TPZs) and structural root zones (SRZs) have been calculated for each tree and overlaid on mapping showing the constructed elements of the water treatment plant, specifically:

- Main treatment plant civil works and site benching
- Entry road and batter
- Flow meter, sample point and water main tie-in enclosures
- Dosing shed
- Site fencing
- Construction laydown areas and site sheds
- Realigned overhead powerline easement and new pole locations

3.1.2 These elements are shown on the mapping at Section 6.0.

3.1.3 A detailed on-site review has then been undertaken to assess:

- constructability requirements of the main water treatment plant works
- assessing tree locations against built elements and laydown areas
- tree pruning requirements
- tree removal and pruning requirements to accommodate the realigned overhead electricity supply and poles

This review was undertaken with an AusNet vegetation clearance arborist.

3.2 DESCRIPTION OF CONSTRUCTION WORKS

3.2.1 The following sections describe the main construction activities associated with the project that have been considered in undertaking the assessment of impacts to trees.

Civil Works & Batter Slopes

3.2.2 The eastern extent of the site needs to be levelled to accommodate the new Water Treatment Plant (WTP) and associated access track. Cut and fill batter slopes are proposed to each side of the levelled WTP curtilage. Grading is also required to achieve finished service levels allowing the safe delivery of the sodium hypochlorite which is used to disinfect the water.

Dosing Pit / Shed

- 3.2.3 Three off dosing sheds/pits (injection points for the sodium hypochlorite) will require a 4-metre-deep excavation to the water main. The excavations will have battered sides to make the excavation safe to work in and cover an area of about 9 metres by 9 metres at the ground surface.

Dosing & Analyser Lines

- 3.2.4 Dosing lines are required from the main WTP building where the sodium hypochlorite is stored and metered to the 3 dosing/sheds for injection into the 3 water mains. The dosing of sodium hypochlorite is in response to the residual disinfectant levels measured in the water mains. To do so, small diameter conduits are required to take water samples from the water mains to the analysers located in the dosing sheds.

Flow Meters

- 3.2.5 Downstream from the WTP flow meters will be installed on the water mains at a number of locations. Excavation of about 4 metres depth is required to fit these flowmeters. Excavation areas are about 6 metres x 6 metres. The excavations will have battered sides to make the excavation safe to work in. The flow meters will be installed wrapped in plastic and then buried. Cables will connect the flow meters back to the WTP. Once the installation is completed and the flowmeters tested the holes will be backfilled.

Sewer and GWIP

- 3.2.6 A gravity sewer from the WTP building to Yarra Valley Water's sewer network. The sewer will be constructed within the access track before heading east across open ground to a tie in point near Tramway Road. A GWIP cable will be constructed on similar alignment to connect to the existing Telstra pit on Warrawee Road.

Power Line

- 3.2.7 The existing overhead power supply line will need to be relocated to enable safe construction and operation of the site. A number of new power-poles are required to be installed to the north of the WTP. The cabling used in the relocated section is in a vertical conductor orientation, minimising the impact on the trees in that area. The cable cannot be located underground because of the large water mains and other services. Cable stays will be required at changes of direction. Ausnet requires access to the poles from the ground for maintenance.

Fence

- 3.2.8 A palisade style fence will be placed around the WTP compound and the three dosing stations. Construction of the fence requires bored posts that are approx. 1 to 2 metres deep (depending on their location on the site).

Access Track / Road

- 3.2.9 The access track width, grade and curves have been designed to accommodate the vehicle movements associated with the operation of the WTP. It will be constructed from the finished road surface out. There should be no damage associated with the road outside of the road envelope.

Laydown Areas and Temporary Works

- 3.2.10 During the construction works the contractor is proposing to locate site sheds in the east and west of the project area. These are required for the management of the project and facilities for the construction workers. They will be connected to power. The site sheds will require crushed rock laid on the natural surface level. Some minor leveling may also be required, but not within TPZ. Site sheds will be located on blocks where other alternatives are not possible. Areas will also be set aside for

storage of materials and equipment outside tree protection zones. The area will be rehabilitated following completion of the works.

3.3 WATER TREATMENT PLANT

3.3.1 The following sections outline trees impacted by main construction works for the water treatment plant and associated infrastructure. This includes trees that will require removal, trees with major encroachments that can be managed during construction to remain viable specimens, and trees with minor encroachments that can be retained with standard tree protection measures.

3.3.2 Detailed tree-by-tree encroachment maps are provided at Section 3.5 for all trees with noted encroachments into TPZs by construction works for the water treatment plant.

Trees Requiring Removal

3.3.3 The following thirty-five trees have been identified that will require removal for construction of the water treatment plant and associated infrastructure, located within or too close to construction works to remain viable. All are located within the curtilage of the Melbourne Water pipe track reserve.

TABLE 3-1 TREES ASSESSED AS LOST FOR TREATMENT PLANT WORKS

ID	Taxon	Common Name	Arboricultural value	Proposed works	% encroachment	SRZ encroachment
3	<i>Populus nigra var. italica</i>	Lombardy Poplar	None	Remove for drain and site civil works	100	Y
4	<i>Populus nigra var. italica</i>	Lombardy Poplar	None	Remove for drain and site civil works	100	Y
5	<i>Salix x reichardtii</i>	Pussy Willow	Low	Remove for drain and site civil works	100	Y
13	<i>Acacia dealbata</i>	Silver Wattle	None	Dead tree within construction area	100	Y
18	<i>Eucalyptus ovata</i>	Swamp Gum	Moderate	Trees too close to civil and entry road construction	26.6	
21	<i>Eucalyptus ovata</i>	Swamp Gum	Moderate	Trees too close to civil and entry road construction	28.5	Y
22	<i>Eucalyptus ovata</i>	Swamp Gum	Moderate	Trees too close to civil and entry road construction	23.3	
23	<i>Eucalyptus ovata</i>	Swamp Gum	Moderate	Trees too close to civil and entry road construction	22.9	Y
40	<i>Eucalyptus ovata</i>	Swamp Gum	Moderate	Civil works near base of tree	31.8	Y
44	<i>Eucalyptus ovata</i>	Swamp Gum	Low	Remove for upgrade to site drainage	100	Y
45	<i>Eucalyptus ovata</i>	Swamp Gum	Moderate	Remove for upgrade to site drainage	100	Y
49	<i>Acacia melanoxylon</i>	Blackwood	Low	Remove for upgrade to site drainage	100	Y
50	<i>Eucalyptus ovata</i>	Swamp Gum	Moderate	Remove for upgrade to site drainage	100	Y
52	<i>Eucalyptus ovata</i>	Swamp Gum	Low	Remove for upgrade to site drainage	100	Y
86	<i>Acacia dealbata</i>	Silver Wattle	Low	Tree in entry road footprint	100	Y
87	<i>Eucalyptus ovata</i>	Swamp Gum	Moderate	Trees too close to civil and entry road construction	30.1	Y
100	<i>Acacia melanoxylon</i>	Blackwood	Low	Tree too close to civil and entry road construction	45.6	Y
103	<i>Eucalyptus ovata</i>	Swamp Gum	Low	Remove for new drainage works from existing swale	41.7	Y
104	<i>Eucalyptus obliqua</i>	Messmate	Moderate	Remove for new drainage works from existing swale	23.6	Y
114	<i>Acacia dealbata</i>	Silver Wattle	Low	Remove for dosing shed works and fence construction	100	
115	<i>Eucalyptus ovata</i>	Swamp Gum	Moderate	Remove for dosing shed works and fence construction	100	

ID	Taxon	Common Name	Arboricultural value	Proposed works	% encroachment	SRZ encroachment
116	<i>Eucalyptus ovata</i>	Swamp Gum	Moderate	Remove for dosing shed works and fence construction	100	Y
118	<i>Eucalyptus ovata</i>	Swamp Gum	Moderate	In construction footprint	100	Y
119	<i>Eucalyptus ovata</i>	Swamp Gum	Low	Remove for dosing shed works and fence construction	100	
123	<i>Eucalyptus goniocalyx</i>	Long-leaved Box	Moderate	Remove for dosing shed works and fence construction	100	Y
131	<i>Acacia dealbata</i>	Silver Wattle	Low	Remove for dosing shed works and fence construction	100	Y
132	<i>Acacia dealbata</i>	Silver Wattle	Low	In construction footprint	100	Y
138	<i>Acacia dealbata</i>	Silver Wattle	Low	Remove for new drainage works from existing swale	12.6	Y
161	<i>Acacia melanoxylon</i>	Blackwood	Low	Remove for construction access to Flow meter	48.4	Y
162	<i>Acacia melanoxylon</i>	Blackwood	Moderate	In flow meter footprint	100	Y
163	<i>Eucalyptus ovata</i>	Swamp Gum	Moderate	In flow meter footprint	100	Y
164	<i>Acacia melanoxylon</i>	Blackwood	Low	Remove for construction access to Flow meter	24.4	Y
166	<i>Acacia melanoxylon</i>	Blackwood	Low	Remove for construction access to Flow meter	100	Y
167	<i>Acacia melanoxylon</i>	Blackwood	Low	In flow meter footprint	100	Y
168	<i>Acacia melanoxylon</i>	Blackwood	Moderate	Remove for construction access to Flow meter	100	Y

Trees with Major Encroachments to be Retained

- 3.3.4 Sixteen trees have been identified with major encroachments into their TPZs that can either be retained due to existing site features that limit potential impacts on the tree, or which can be managed during construction works with no anticipated impact to their ongoing viability.
- 3.3.5 Trees in this latter category are mainly located in the north of the site where temporary construction access is required for construction of the northern flowmeter. Ground mats can be laid that will provide a defined access route for construction vehicles, as well as provide a buffer to underlying soil to limit the impact of compaction.
- 3.3.6 Table 3-2 provides an overview of trees with major encroachments that can be retained as viable specimens that are within the Melbourne Water pipe track reserve, with the single tree located outside the reserve listed in Table 3-3.

TABLE 3-2 TREES WITH MAJOR ENCROACHMENTS THAT CAN BE RETAINED AS VIABLE SPECIMENS WITHIN THE PIPE TRACK RESERVE

ID	Taxon	Common Name	Arboricultural value	% encroachment	SRZ encroachment	Mitigation
6	<i>Eucalyptus ovata</i>	Swamp Gum	Moderate	13.8		Temporary construction access only to northern flowmeter. Install ground mats for temporary construction access
7	<i>Acacia dealbata</i>	Silver Wattle	Low	17		Temporary construction access only to northern flowmeter. Install ground mats for temporary construction access
8	<i>Acacia dealbata</i>	Silver Wattle	Low	41	Y	Temporary construction access only to northern flowmeter. Install ground mats for temporary construction access
9	<i>Eucalyptus viminalis subsp. viminalis</i>	Manna Gum	High	38.4	Y	Temporary construction access only to northern flowmeter. Install ground mats for temporary construction access
15	<i>Acacia dealbata</i>	Silver Wattle	Low	10.2		Temporary access only through TPZ - at threshold of minor encroachment
17	<i>Acacia dealbata</i>	Silver Wattle	Low	16.1		Temporary construction access only to northern flowmeter. Install ground mats for temporary construction access
25	<i>Eucalyptus ovata</i>	Swamp Gum	Low	12		Tree is well up embankment separated from works

ID	Taxon	Common Name	Arboricultural value	% encroachment	SRZ encroachment	Mitigation
32	<i>Eucalyptus obliqua</i>	Messmate	Moderate	18.1		Temporary construction access only to northern flowmeter. Install ground mats for temporary construction access
41	<i>Eucalyptus ovata</i>	Swamp Gum	Moderate	13.5	Y	Prune smaller stem over road to allow access but is otherwise up embankment and can be retained
42	<i>Acacia melanoxylon</i>	Blackwood	Moderate	19.7		Tree up embankment. Works minor encroachment
152	<i>Acacia melanoxylon</i>	Blackwood	Low	33.1	Y	Temporary construction access only to northern flowmeter. Install ground mats for temporary construction access
154	<i>Acacia melanoxylon</i>	Blackwood	Low	34.1	Y	Temporary construction access only to northern flowmeter. Install ground mats for temporary construction access
155	<i>Eucalyptus obliqua</i>	Messmate	Low	8.8	Y	Temporary construction access only to northern flowmeter. Install ground mats for temporary construction access
159	<i>Eucalyptus ovata</i>	Swamp Gum	Low	12.1	Y	Temporary construction access only to northern flowmeter. Install ground mats for temporary construction access
160	<i>Eucalyptus ovata</i>	Swamp Gum	Moderate	6.7	Y	Temporary construction access only to northern flowmeter. Install ground mats for temporary construction access

TABLE 3-3 TREE WITH MAJOR ENCROACHMENT THAT CAN BE RETAINED AS A VIABLE SPECIMEN OUTSIDE THE PIPE TRACK RESERVE

ID	Taxon	Common Name	Arboricultural value	% encroachment	SRZ encroachment	Mitigation
8	<i>Acacia dealbata</i>	Silver Wattle	Low	41	Y	Temporary construction access only to northern flowmeter. Install ground mats for temporary construction access

Trees with minor encroachments

3.3.7 The following twelve trees have been identified with encroachments generally below or at the threshold of a minor encroachment under AS4970-2009. These trees are not anticipated to be impacted by proposed construction works. All are located within the Melbourne Water pipe track reserve.

TABLE 3-4 TREES WITH MINOR ENCROACHMENTS

ID	Taxon	Common Name	Arboricultural value	% encroachment	Notes
14	<i>Acacia dealbata</i>	Silver Wattle	Low	5.5	Temporary construction access to northern flowmeter. Minor encroachment
16	<i>Acacia dealbata</i>	Silver Wattle	Moderate	0.2	Temporary construction access to northern flowmeter. Minor encroachment
24	<i>Eucalyptus radiata</i>	Narrow-leaved Peppermint	Moderate	6.8	New access road. Minor encroachment
46	<i>Eucalyptus ovata</i>	Swamp Gum	Moderate	7.8	New access road. Minor encroachment
139	<i>Eucalyptus obliqua</i>	Messmate	Moderate	0.5	Drainage. Minor encroachment
151	<i>Eucalyptus ovata</i>	Swamp Gum	Moderate	2.9	Temporary construction access to northern flowmeter. Minor encroachment
153	<i>Acacia melanoxylon</i>	Blackwood	Moderate	5.5	Temporary construction access to northern flowmeter. Minor encroachment
156	<i>Acacia dealbata</i>	Silver Wattle	Low	1	Temporary construction access to northern flowmeter. Minor encroachment
157	<i>Eucalyptus ovata</i>	Swamp Gum	Moderate	5.8	Temporary construction access to northern flowmeter. Minor encroachment
158	<i>Eucalyptus ovata</i>	Swamp Gum	Moderate	6.9	Temporary construction access to northern flowmeter. Minor encroachment
181	<i>Acacia dealbata</i>	Silver Wattle	Low	6.9	Temporary construction access to northern flowmeter. Minor encroachment

ID	Taxon	Common Name	Arboricultural value	% encroachment	Notes
188	<i>Acacia melanoxylon</i>	Blackwood	Moderate	0.3	Flowmeter construction area. Minor encroachment

3.4 OVERHEAD POWER REALIGNMENT

- 3.4.1 A high voltage power line currently crosses the open tramway track reserve. Realignment of the overhead powerline is required to clear the proposed treatment plant footprint. The realignment is shown on the plan at Section 6.0.
- 3.4.2 A total of thirty-five trees have been identified that will require removal (31 trees) or significant crown reduction (4 trees) (lopping) to maintain statutory distances from the new power line easement, and to mitigate against the risk of tree failure across the powerline.
- 3.4.3 Twenty-three trees that require removal or lopping for the overhead power realignment within the Melbourne Water pipe track reserve are listed in Table 3-5, with twelve impacted trees outside the reserve listed in Table 3-6.

TABLE 3-5 TREES REQUIRING REMOVAL OR LOPPING FOR THE PROPOSED POWER LINE WITHIN THE PIPE TRACK RESERVE

ID	Taxon	Common Name	Arboricultural value	Notes
48	<i>Eucalyptus sp.</i>	Eucalypt	None	Remove. Within / too close to new powerline
54	<i>Eucalyptus ovata</i>	Swamp Gum	Moderate	Remove. Poor structure. Remove for new power line
55	<i>Eucalyptus ovata</i>	Swamp Gum	Moderate	Heavy reduction pruning (lopping) required for new powerline
58	<i>Eucalyptus ovata</i>	Swamp Gum	High	Heavy reduction pruning (lopping) required for new powerline
59	<i>Acacia dealbata</i>	Silver Wattle	Low	Remove. Within / too close to new powerline
60	<i>Acacia dealbata</i>	Silver Wattle	Low	Remove. Within / too close to new powerline
62	<i>Eucalyptus ovata</i>	Swamp Gum	Low	Remove. Within / too close to new powerline
63	<i>Eucalyptus ovata</i>	Swamp Gum	Low	Remove. Within / too close to new powerline
64	<i>Eucalyptus ovata</i>	Swamp Gum	Moderate	Remove. Within / too close to new powerline
65	<i>Acacia dealbata</i>	Silver Wattle	Low	Remove. Within / too close to new powerline
69	<i>Eucalyptus ovata</i>	Swamp Gum	Low	Remove. Within / too close to new powerline
80	<i>Acacia dealbata</i>	Silver Wattle	Low	Remove. Within / too close to new powerline
81	<i>Acacia dealbata</i>	Silver Wattle	Low	Remove. Within / too close to new powerline
84	<i>Acacia dealbata</i>	Silver Wattle	Low	Remove. Within / too close to new powerline
189	<i>Acacia dealbata</i>	Silver Wattle	Low	Remove. Within / too close to new powerline
190	<i>Acacia dealbata</i>	Silver Wattle	Low	Remove. Within / too close to new powerline
191	<i>Acacia dealbata</i>	Silver Wattle	Low	Remove. Within / too close to new powerline
192	<i>Acacia dealbata</i>	Silver Wattle	Low	Remove. Within / too close to new powerline
193	<i>Acacia dealbata</i>	Silver Wattle	Low	Remove. Within / too close to new powerline
194	<i>Acacia dealbata</i>	Silver Wattle	Low	Remove. Within / too close to new powerline
195	<i>Acacia dealbata</i>	Silver Wattle	Low	Remove. Within / too close to new powerline
201	<i>Acacia melanoxylon</i>	Blackwood	Low	Remove. Within / too close to new powerline
205	<i>Eucalyptus ovata</i>	Swamp Gum	Low	Remove. Within / too close to new powerline


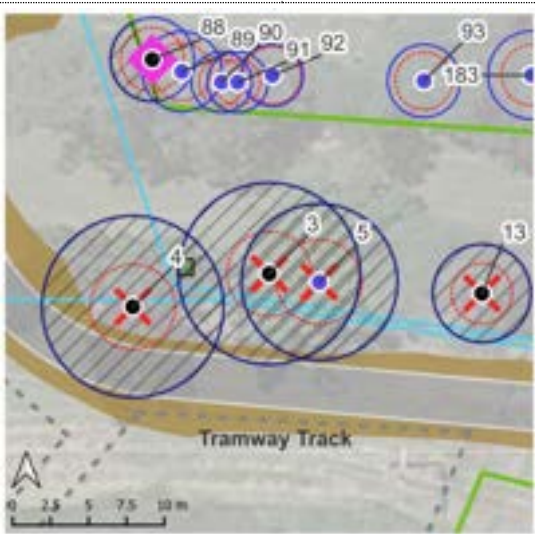

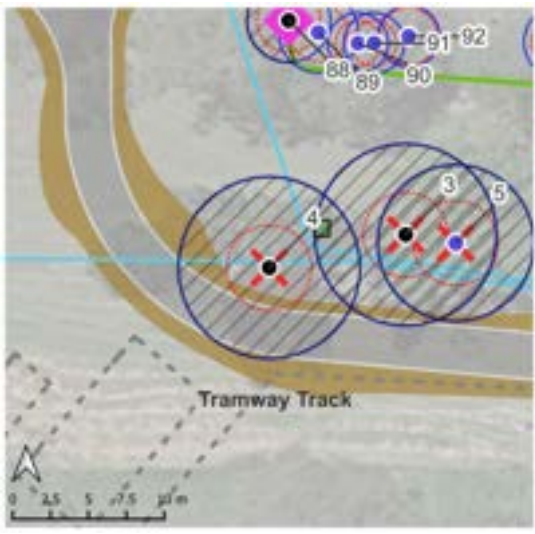
TABLE 3-6 TREES REQUIRING REMOVAL OR LOPPING FOR THE PROPOSED POWER LINE OUTSIDE THE PIPE TRACK RESERVE

ID	Taxon	Common Name	Arboricultural value	Notes
68	<i>Acacia dealbata</i>	Silver Wattle	Low	Remove. Within / too close to new powerline

ID	Taxon	Common Name	Arboricultural value	Notes
72	<i>Eucalyptus ovata</i>	Swamp Gum	Low	Remove. Within / too close to new powerline
74	<i>Acacia dealbata</i>	Silver Wattle	Low	Remove. Within / too close to new powerline
75	<i>Acacia dealbata</i>	Silver Wattle	Low	Remove. Within / too close to new powerline
77	<i>Acacia dealbata</i>	Silver Wattle	Low	Remove. Within / too close to new powerline
196	<i>Eucalyptus ovata</i>	Swamp Gum	Low	Remove. Within / too close to new powerline
197	<i>Eucalyptus ovata</i>	Swamp Gum	Low	Remove. Within / too close to new powerline
198	<i>Acacia dealbata</i>	Silver Wattle	Low	Remove. Within / too close to new powerline
199	<i>Acacia dealbata</i>	Silver Wattle	Low	Remove. Within / too close to new powerline
200	<i>Acacia dealbata</i>	Silver Wattle	Low	Remove. Within / too close to new powerline
202	<i>Eucalyptus ovata</i>	Swamp Gum	Low	Grows out from adjacent land. Lop for powerline
203	<i>Eucalyptus ovata</i>	Swamp Gum	Low	Grows out from adjacent land. Lop for powerline

3.5 TREE ENCROACHMENT PLANS

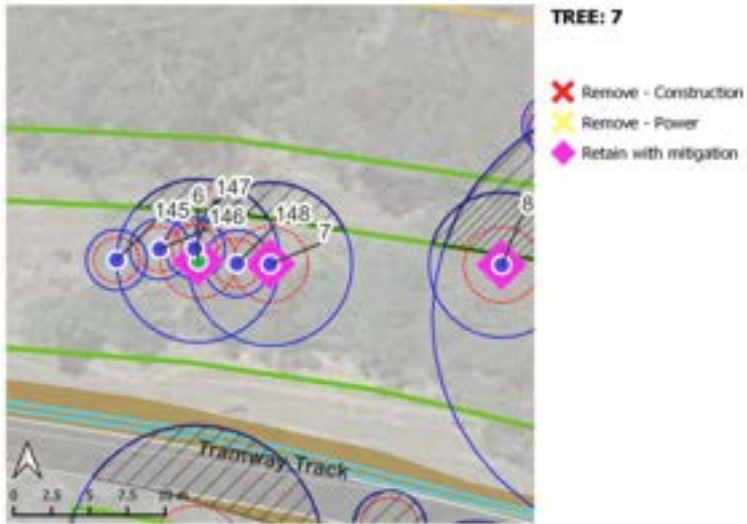
The following plans show detailed, tree-by-tree encroachments for trees requiring removal, trees with major encroachments that can be retained, minor encroachments, or impacts by realignment of the power line.

<p>TREE: 3</p>	<p><i>Populus nigra var. italica</i>, Lombardy Poplar. Arboricultural value: None</p>		
<p>Encroachment:</p>	<p>100.0 (SRZ)</p>	<p>Impact for Power:</p>	
	<p>Remove for drain and site civil works</p>		
<p>Impact:</p>	<p>Remove</p>		
			
<p>TREE: 4</p>	<p><i>Populus nigra var. italica</i>, Lombardy Poplar. Arboricultural value: None</p>		
<p>Encroachment:</p>	<p>100.0 (SRZ)</p>	<p>Impact for Power:</p>	
	<p>Remove for drain and site civil works</p>		
<p>Impact:</p>	<p>Remove</p>		
			

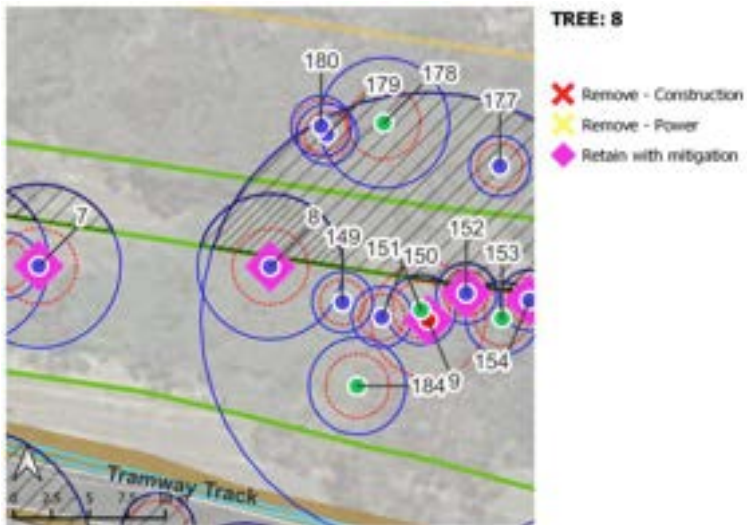
TREE: 5	<i>Salix x reichardtii</i> , Pussy Willow. Arboricultural value: Low		
Encroachment:	100.0 (SRZ)	Impact for Power:	
	Remove for drain and site civil works		
Impact:	Remove		
			

TREE: 6	<i>Eucalyptus ovata</i> , Swamp Gum. Arboricultural value: Moderate		
Encroachment:	13.8	Impact for Power:	
	Install ground protection for temporary construction access		
Impact:	Retain with mitigation measures		
			

TREE: 7	<i>Acacia dealbata</i> , Silver Wattle. Arboricultural value: Low		
Encroachment:	17.0	Impact for Power:	
	Install ground protection for temporary construction access		
Impact:	Retain with mitigation measures		


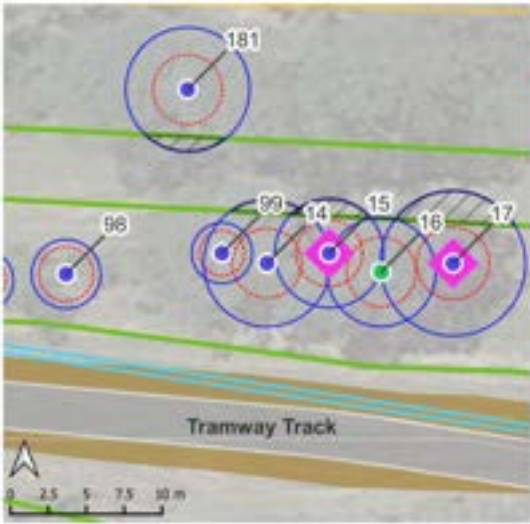


TREE: 8	<i>Acacia dealbata</i> , Silver Wattle. Arboricultural value: Low		
Encroachment:	41.0 (SRZ)	Impact for Power:	
	Install ground protection for temporary construction access		
Impact:	Retain with mitigation measures		


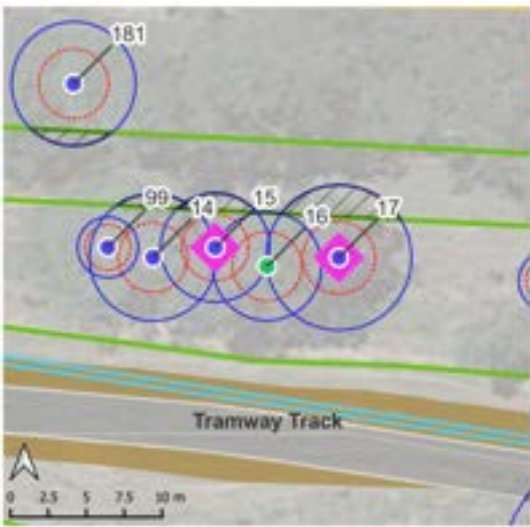


TREE: 9	<i>Eucalyptus viminalis subsp. viminalis</i> , Manna Gum. Arboricultural value: High		
Encroachment:	38.4 (SRZ)	Impact for Power:	
	Install ground protection for temporary construction access		
Impact:	Retain with mitigation measures		
			

TREE: 13	<i>Acacia dealbata</i> , Silver Wattle. Arboricultural value: None		
Encroachment:	100 (SRZ)	Impact for Power:	
	Dead tree within construction area		
Impact:	Remove		
			

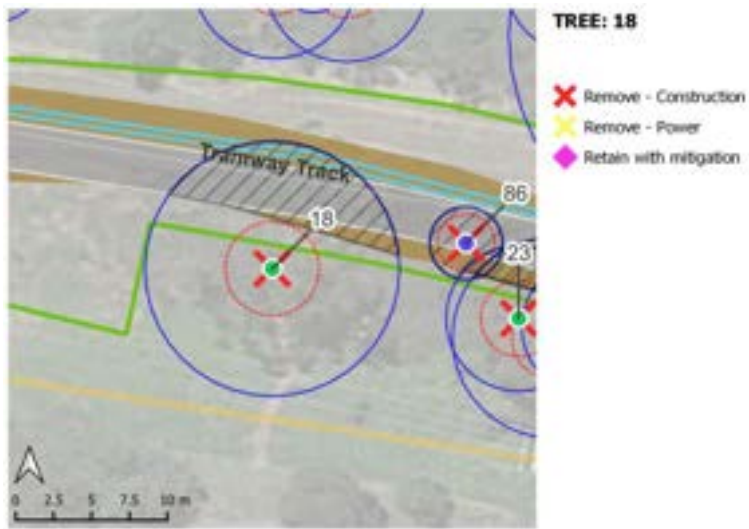
TREE: 14	<i>Acacia dealbata</i> , Silver Wattle. Arboricultural value: Low		
Encroachment:	5.5	Impact for Power:	
	Minor encroachment		
Impact:	Minor encroachment only		
			

TREE: 15	<i>Acacia dealbata</i> , Silver Wattle. Arboricultural value: Low		
Encroachment:	10.2	Impact for Power:	
	Temporary access only through TPZ - at threshold of minor encroachment		
Impact:	Retain with mitigation measures		
			

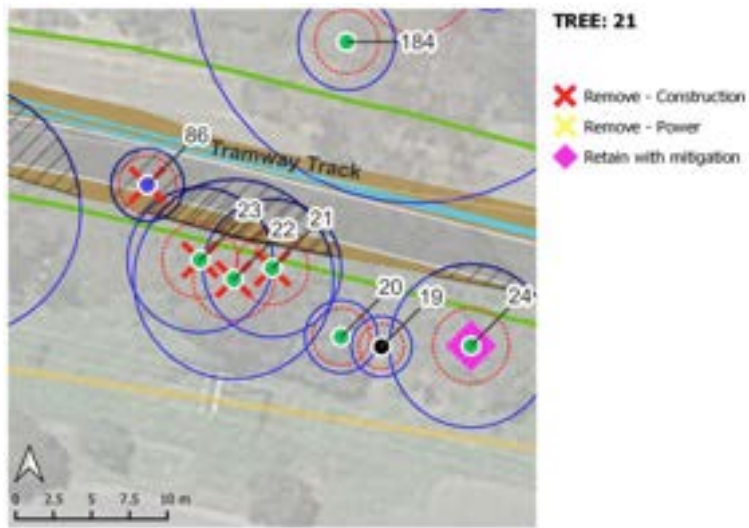
TREE: 16	<i>Acacia dealbata</i> , Silver Wattle. Arboricultural value: Moderate		
Encroachment:	.2	Impact for Power:	
	Minor encroachment		
Impact:	Minor encroachment only		
			

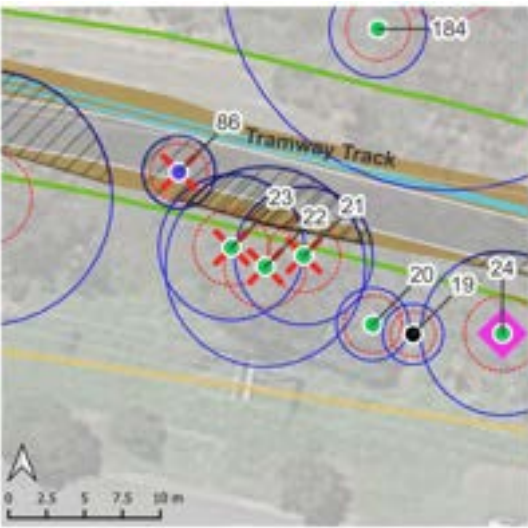
TREE: 17	<i>Acacia dealbata</i> , Silver Wattle. Arboricultural value: Low		
Encroachment:	16.1	Impact for Power:	
	Install ground protection for temporary construction access		
Impact:	Retain with mitigation measures		
			


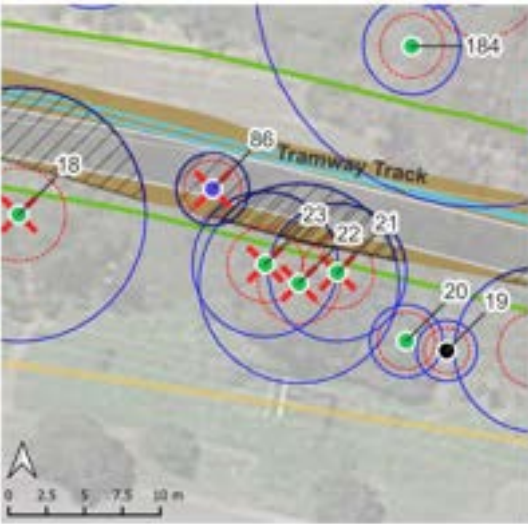
TREE: 18	<i>Eucalyptus ovata</i> , Swamp Gum. Arboricultural value: Moderate		
Encroachment:	26.6	Impact for Power:	
	Tree too close to civil and entry road construction		
Impact:	Remove		

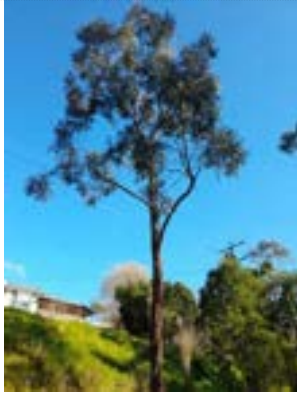
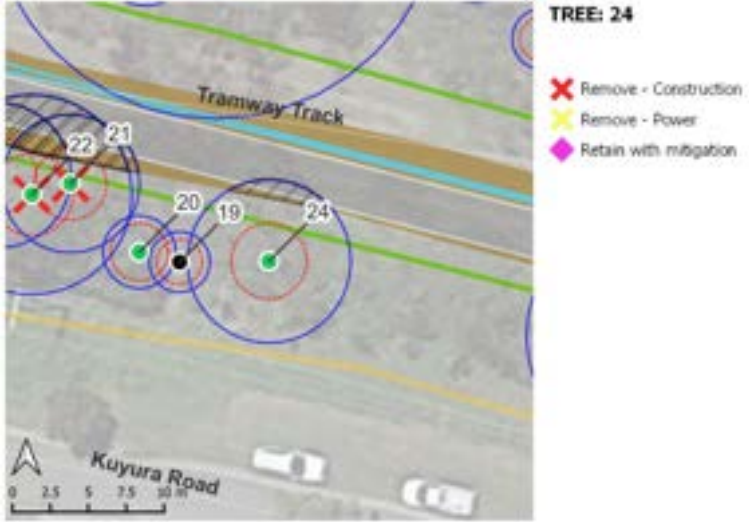


TREE: 21	<i>Eucalyptus ovata</i> , Swamp Gum. Arboricultural value: Moderate		
Encroachment:	28.5 (SRZ)	Impact for Power:	
	Tree too close to civil and entry road construction		
Impact:	Remove		



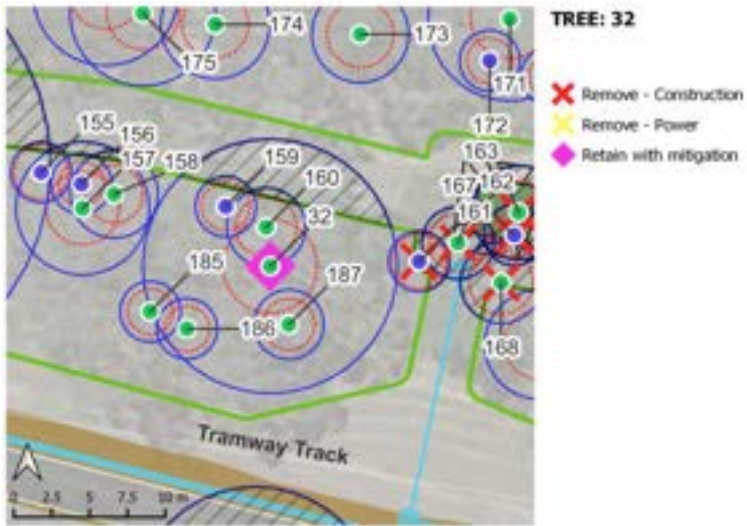
TREE: 22	<i>Eucalyptus ovata</i> , Swamp Gum. Arboricultural value: Moderate		
Encroachment:	23.3	Impact for Power:	
	Tree too close to civil and entry road construction		
Impact:	Remove		
			

TREE: 23	<i>Eucalyptus ovata</i> , Swamp Gum. Arboricultural value: Moderate		
Encroachment:	22.9 (SRZ)	Impact for Power:	
	Tree too close to civil and entry road construction		
Impact:	Remove		
			

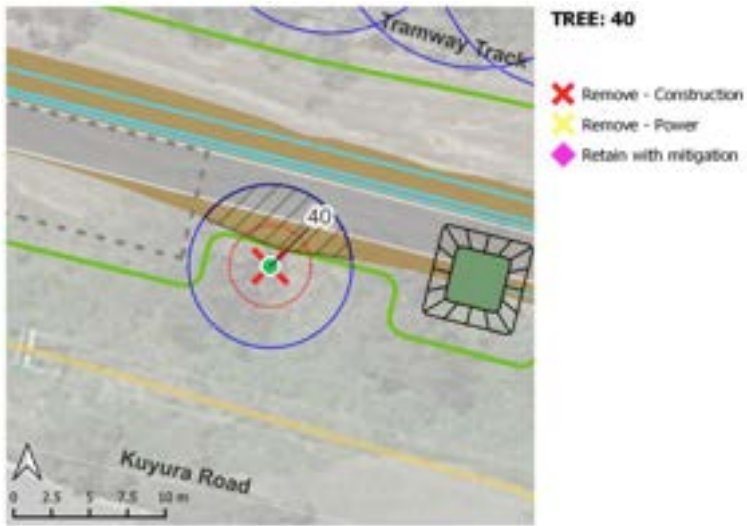
TREE: 24	<i>Eucalyptus radiata</i> , Narrow-leaved Peppermint. Arboricultural value: Moderate		
Encroachment:	6.8	Impact for Power:	
	Minor encroachment		
Impact:	Minor encroachment only		
			

TREE: 25	<i>Eucalyptus ovata</i> , Swamp Gum. Arboricultural value: Low		
Encroachment:	12.0	Impact for Power:	
	Tree is well up embankment seperated from works		
Impact:	Retain with mitigation measures		
			

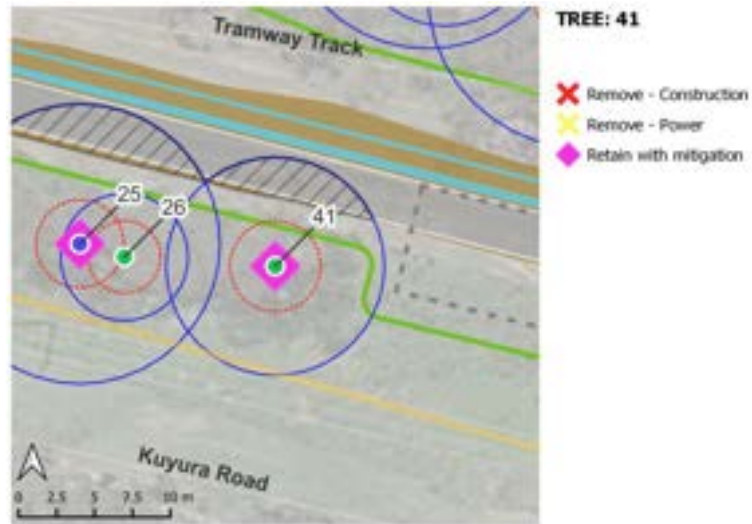
TREE: 32	<i>Eucalyptus obliqua</i> , Messmate. Arboricultural value: Moderate		
Encroachment:	18.1	Impact for Power:	
	Install ground protection for temporary construction access		
Impact:	Retain with mitigation measures		



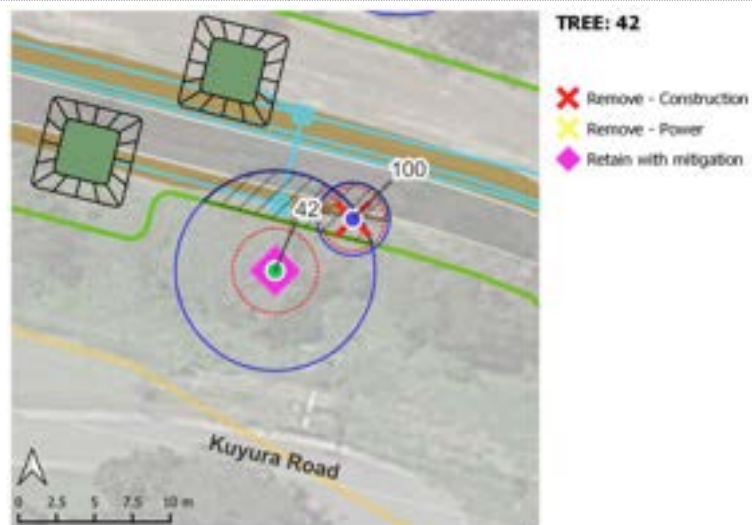
TREE: 40	<i>Eucalyptus ovata</i> , Swamp Gum. Arboricultural value: Moderate		
Encroachment:	31.8 (SRZ)	Impact for Power:	
	Civil works near base of tree		
Impact:	Remove		


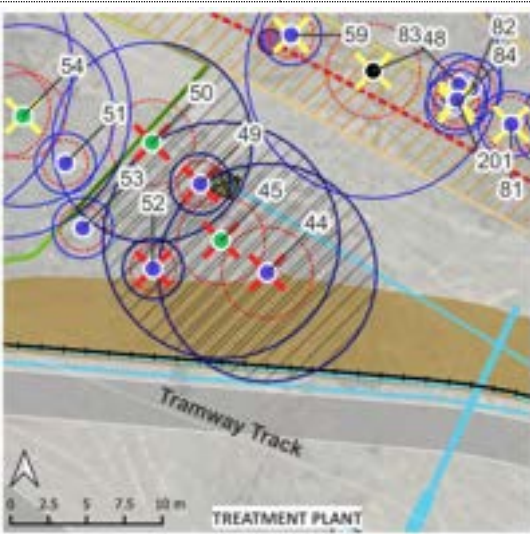


TREE: 41	<i>Eucalyptus ovata</i> , Swamp Gum. Arboricultural value: Moderate		
Encroachment:	13.5 (SRZ)	Impact for Power:	
	Prune smaller stem over road to allow access but is otherwise up embankment and can be retained		
Impact:	Retain with mitigation measures		


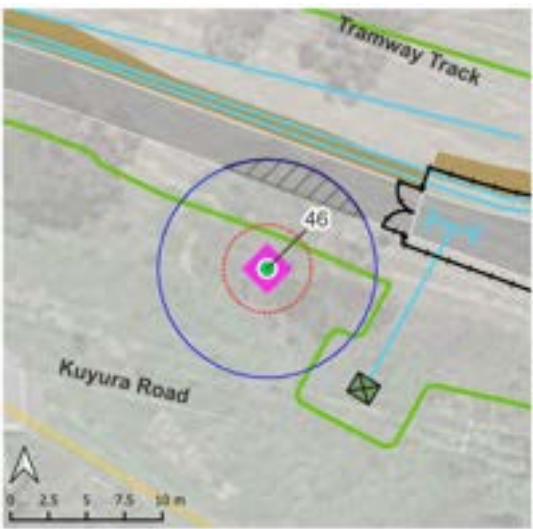



TREE: 42	<i>Acacia melanoxylon</i> , Blackwood. Arboricultural value: Moderate		
Encroachment:	19.7	Impact for Power:	
	Tree up embankment.		
Impact:	Retain with mitigation measures		



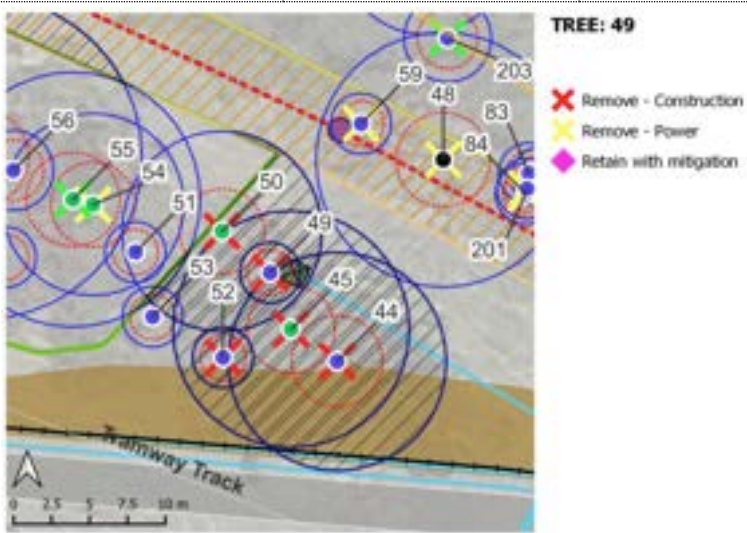
TREE: 44	<i>Eucalyptus ovata</i> , Swamp Gum. Arboricultural value: Low		
Encroachment:	100.0 (SRZ)	Impact for Power:	
	Remove for upgrade to site drainage		
Impact:	Remove		
			

TREE: 45	<i>Eucalyptus ovata</i> , Swamp Gum. Arboricultural value: Moderate		
Encroachment:	100.0 (SRZ)	Impact for Power:	
	Remove for upgrade to site drainage		
Impact:	Remove		
			

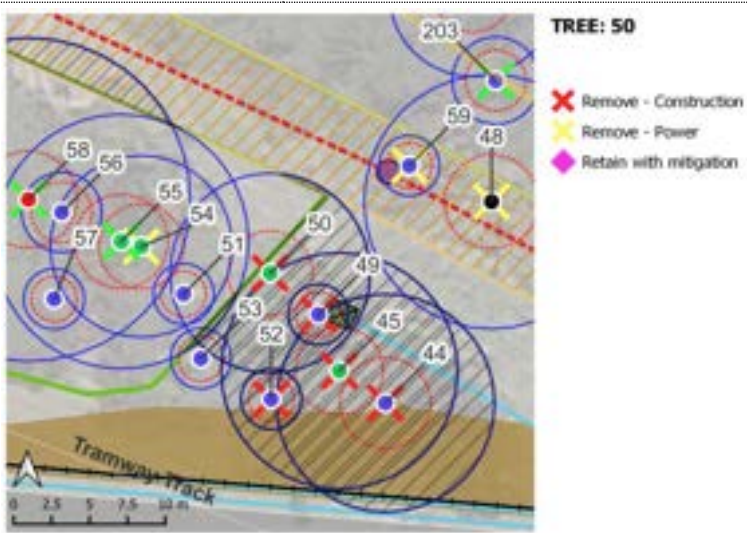
TREE: 46	<i>Eucalyptus ovata</i> , Swamp Gum. Arboricultural value: Moderate		
Encroachment:	7.8	Impact for Power:	
	Minor encroachment		
Impact:	Minor encroachment only		
			


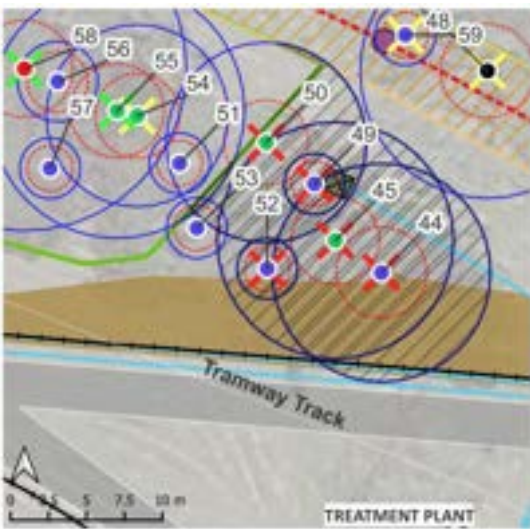
TREE: 48	<i>Eucalyptus sp.</i> , Eucalypt. Arboricultural value: None		
Encroachment:	-	Impact for Power:	Within / too close to new powerline
Impact:	Remove for powerline		
			


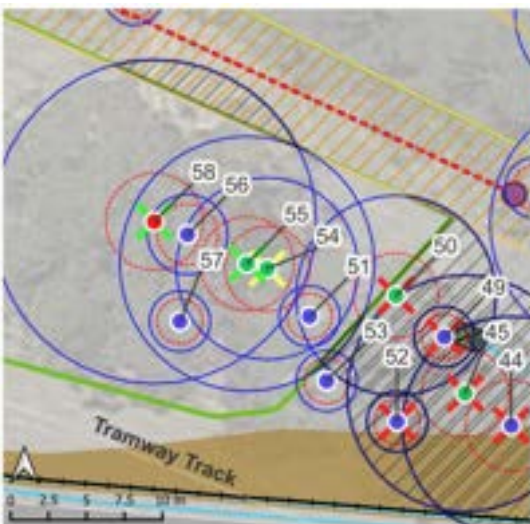
TREE: 49	<i>Acacia melanoxylon</i> , Blackwood. Arboricultural value: Low		
Encroachment:	100.0 (SRZ)	Impact for Power:	
	Remove for upgrade to site drainage		
Impact:	Remove		



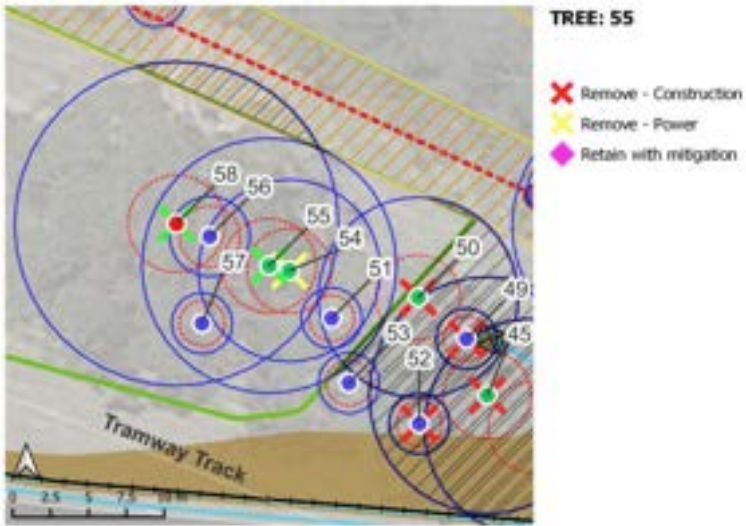
TREE: 50	<i>Eucalyptus ovata</i> , Swamp Gum. Arboricultural value: Moderate		
Encroachment:	57.6 (SRZ)	Impact for Power:	
	Remove for upgrade to site drainage		
Impact:	Remove		



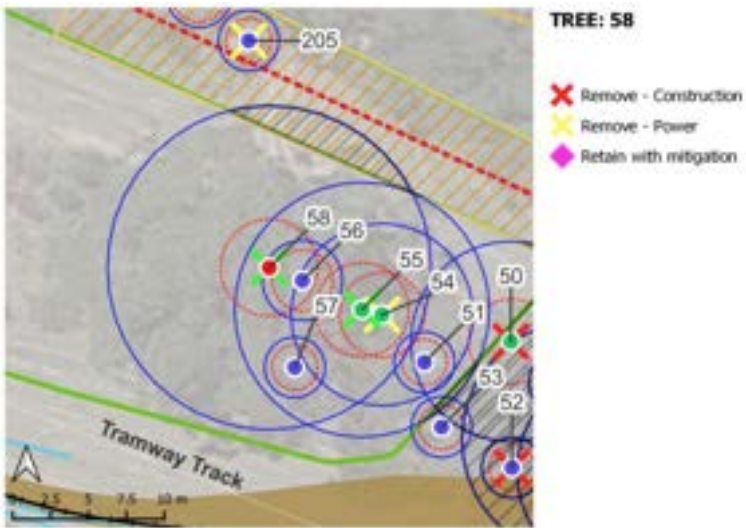
TREE: 52	<i>Eucalyptus ovata</i> , Swamp Gum. Arboricultural value: Low		
Encroachment:	100.0 (SRZ)	Impact for Power:	
	Remove for upgrade to site drainage		
Impact:	Remove		
	 <p>TREE: 52</p> <ul style="list-style-type: none"> ✗ Remove - Construction ✗ Remove - Power ◆ Retain with mitigation 		

TREE: 54	<i>Eucalyptus ovata</i> , Swamp Gum. Arboricultural value: Moderate		
Encroachment:	-	Impact for Power:	Poor structure. Remove for new power line
Impact:	Remove for powerline		
	 <p>TREE: 54</p> <ul style="list-style-type: none"> ✗ Remove - Construction ✗ Remove - Power ◆ Retain with mitigation 		

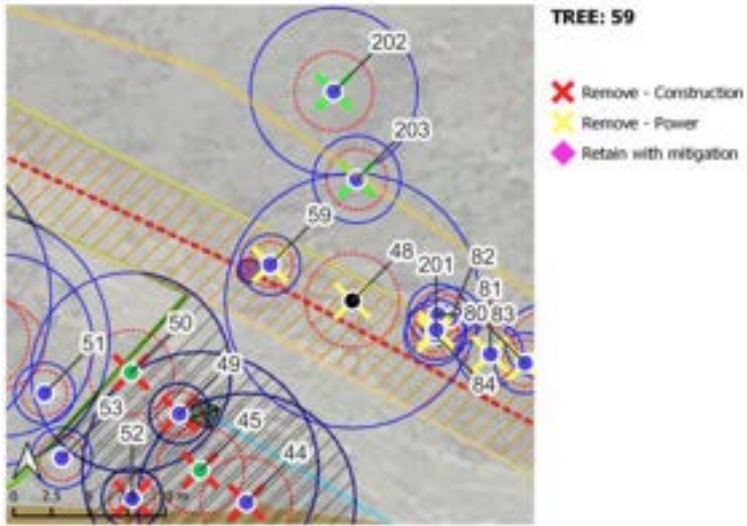
TREE: 55	<i>Eucalyptus ovata</i> , Swamp Gum. Arboricultural value: Moderate		
Encroachment:	.7	Impact for Power:	Heavy reduction pruning (lopping) required for new powerline
Impact:	Lop		



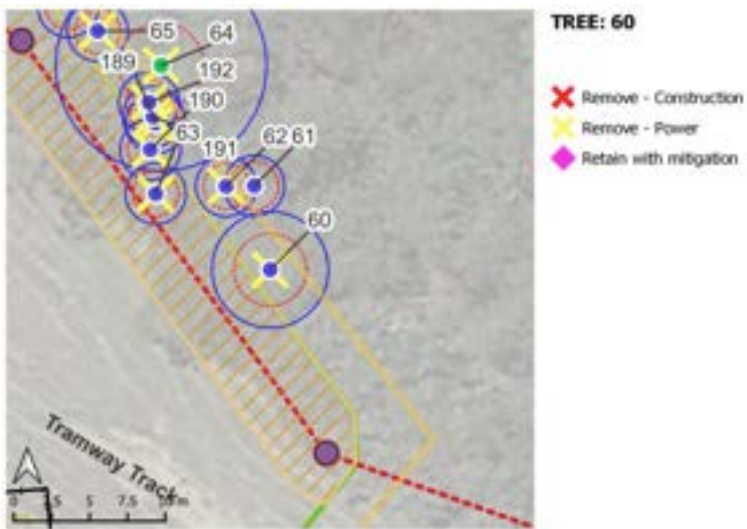
TREE: 58	<i>Eucalyptus ovata</i> , Swamp Gum. Arboricultural value: High		
Encroachment:	5.9	Impact for Power:	Heavy reduction pruning (lopping) required for new powerline
Impact:	Lop		


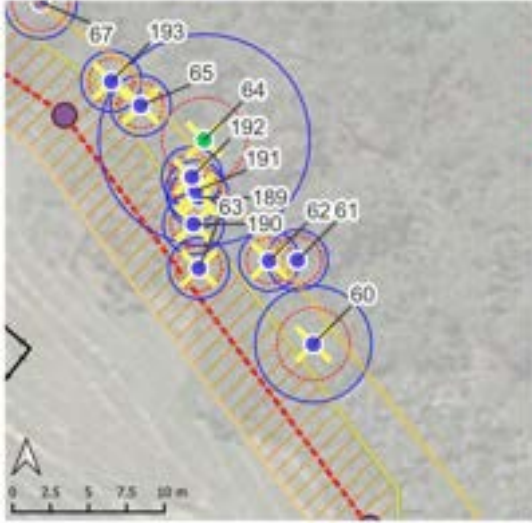




TREE: 59	<i>Acacia dealbata</i> , Silver Wattle. Arboricultural value: Low		
Encroachment:	-	Impact for Power:	Within / too close to new powerline
Impact:	Remove for powerline		



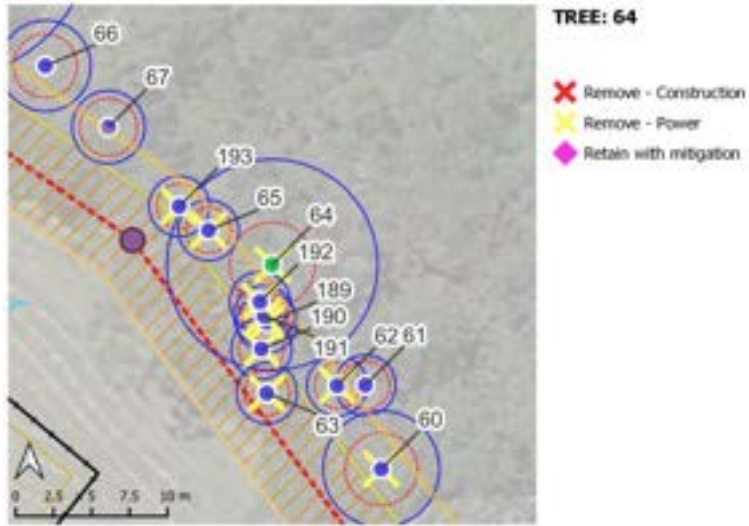
TREE: 60	<i>Acacia dealbata</i> , Silver Wattle. Arboricultural value: Low		
Encroachment:	-	Impact for Power:	Within / too close to new powerline
Impact:	Remove for powerline		



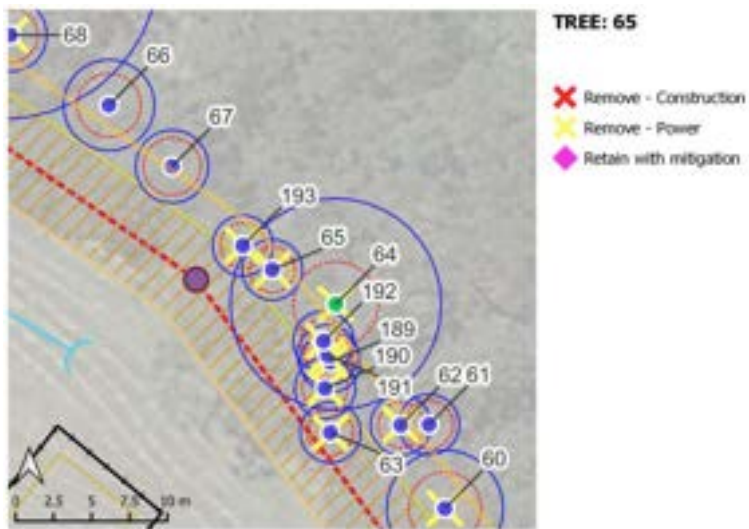
TREE: 62	<i>Eucalyptus ovata</i> , Swamp Gum. Arboricultural value: Low		
Encroachment:	-	Impact for Power:	Within / too close to new powerline
Impact:	Remove for powerline		
	 <p>TREE: 62</p> <ul style="list-style-type: none"> ✗ Remove - Construction ★ Remove - Power ● Retain with mitigation 		

TREE: 63	<i>Eucalyptus ovata</i> , Swamp Gum. Arboricultural value: Low		
Encroachment:	-	Impact for Power:	Within / too close to new powerline
Impact:	Remove for powerline		
	 <p>TREE: 63</p> <ul style="list-style-type: none"> ✗ Remove - Construction ★ Remove - Power ● Retain with mitigation 		

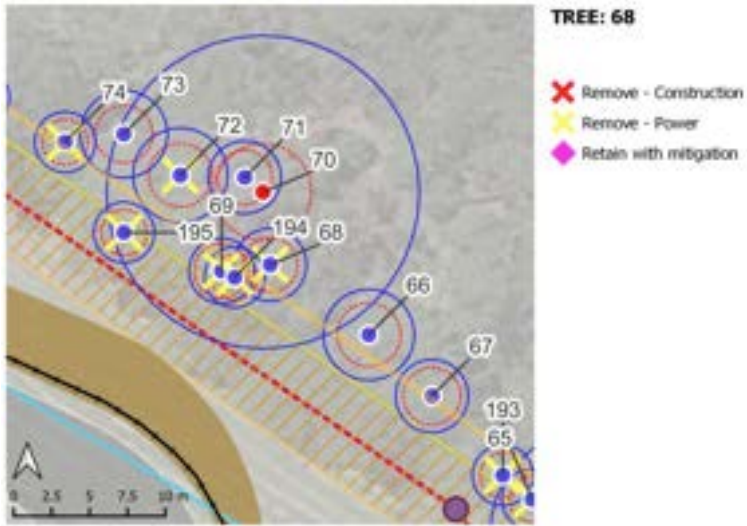
TREE: 64	<i>Eucalyptus ovata</i> , Swamp Gum. Arboricultural value: Moderate		
Encroachment:	-	Impact for Power:	Within / too close to new powerline
Impact:	Remove for powerline		



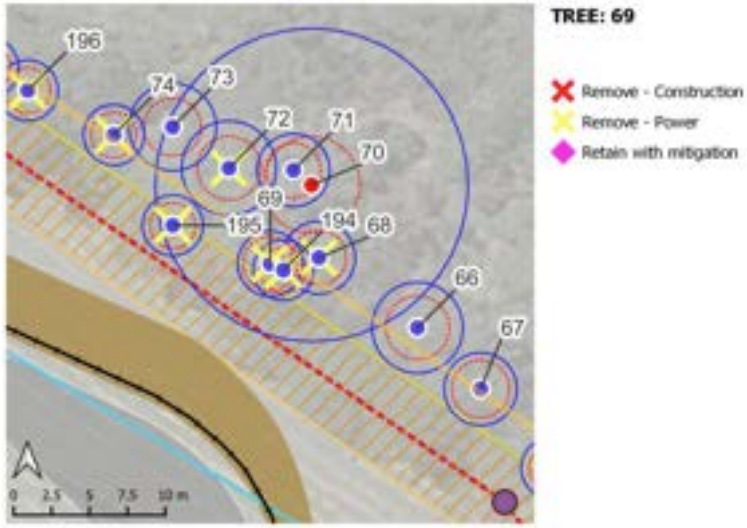
TREE: 65	<i>Acacia dealbata</i> , Silver Wattle. Arboricultural value: Low		
Encroachment:	-	Impact for Power:	Within / too close to new powerline
Impact:	Remove for powerline		



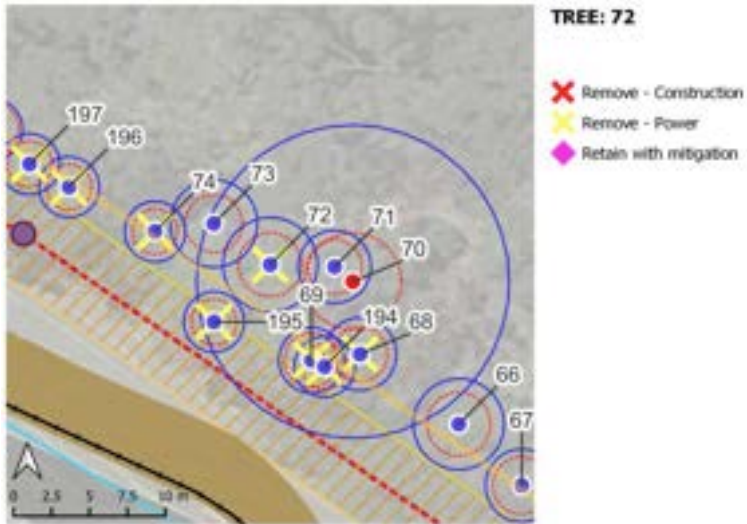
TREE: 68	<i>Acacia dealbata</i> , Silver Wattle. Arboricultural value: Low		
Encroachment:	-	Impact for Power:	Within / too close to new powerline
Impact:	Remove for powerline		



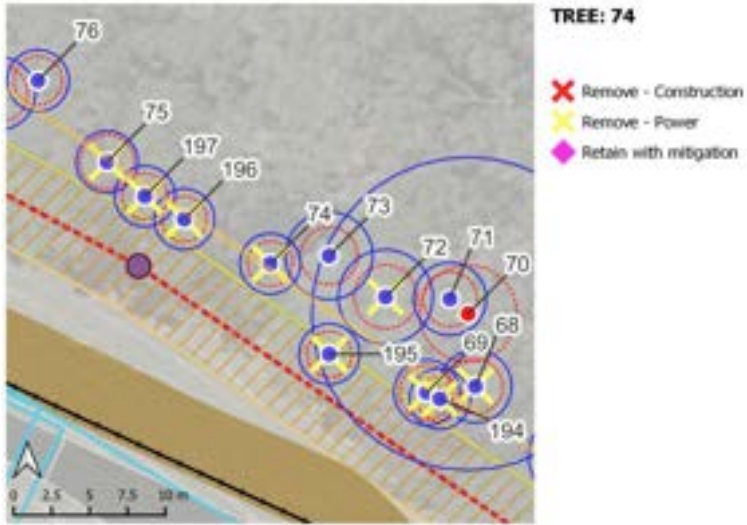
TREE: 69	<i>Eucalyptus ovata</i> , Swamp Gum. Arboricultural value: Low		
Encroachment:	-	Impact for Power:	Within / too close to new powerline
Impact:	Remove for powerline		



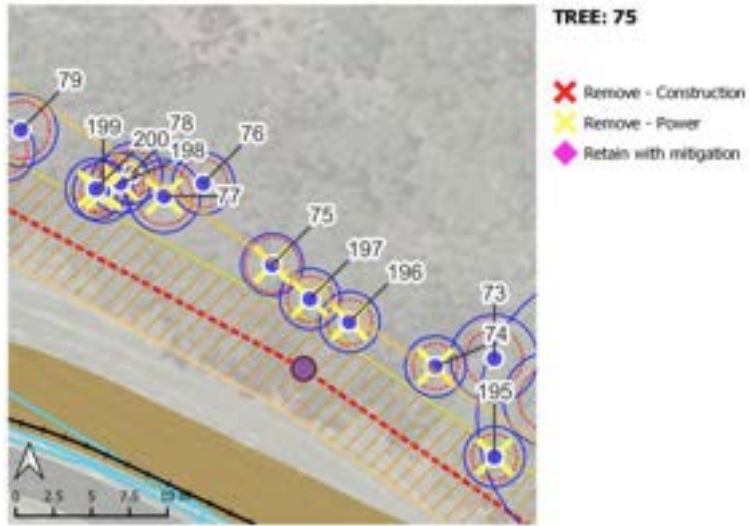
TREE: 72	<i>Eucalyptus ovata</i> , Swamp Gum. Arboricultural value: Low		
Encroachment:	-	Impact for Power:	Within / too close to new powerline
Impact:	Remove for powerline		



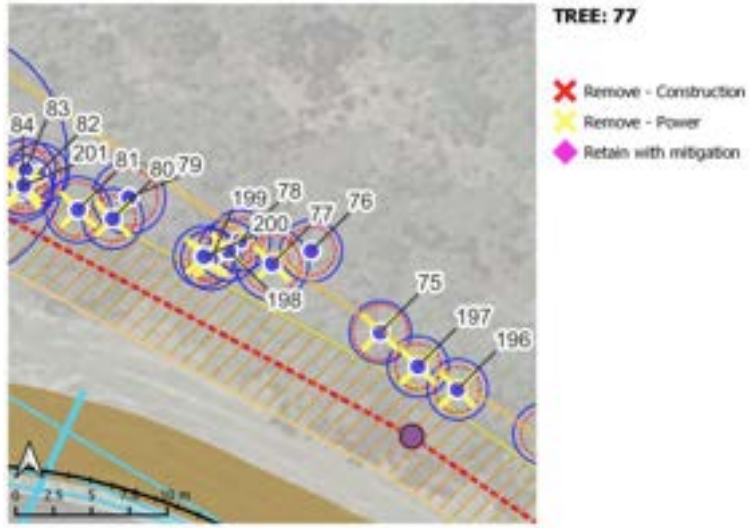
TREE: 74	<i>Acacia dealbata</i> , Silver Wattle. Arboricultural value: Low		
Encroachment:	-	Impact for Power:	Within / too close to new powerline
Impact:	Remove for powerline		



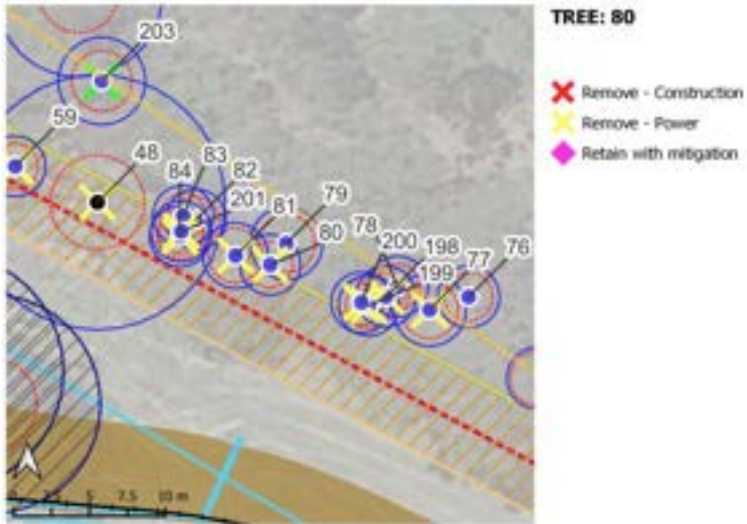
TREE: 75	<i>Acacia dealbata</i> , Silver Wattle. Arboricultural value: Low		
Encroachment:	-	Impact for Power:	Within / too close to new powerline
Impact:	Remove for powerline		



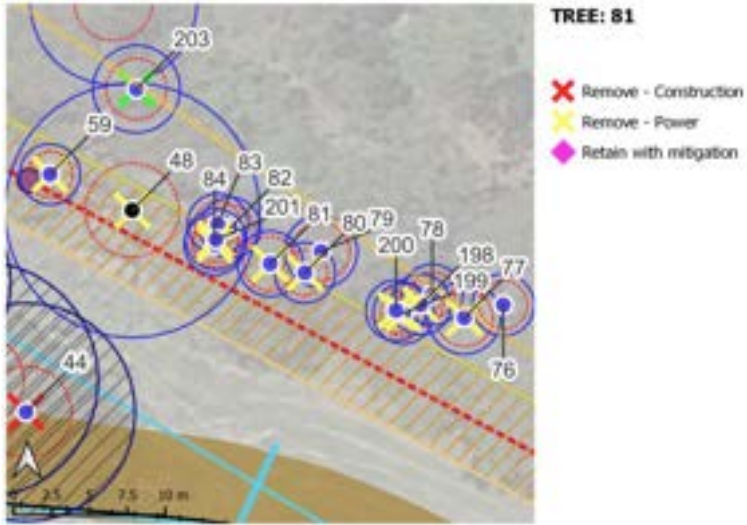
TREE: 77	<i>Acacia dealbata</i> , Silver Wattle. Arboricultural value: Low		
Encroachment:	-	Impact for Power:	Within / too close to new powerline
Impact:	Remove for powerline		



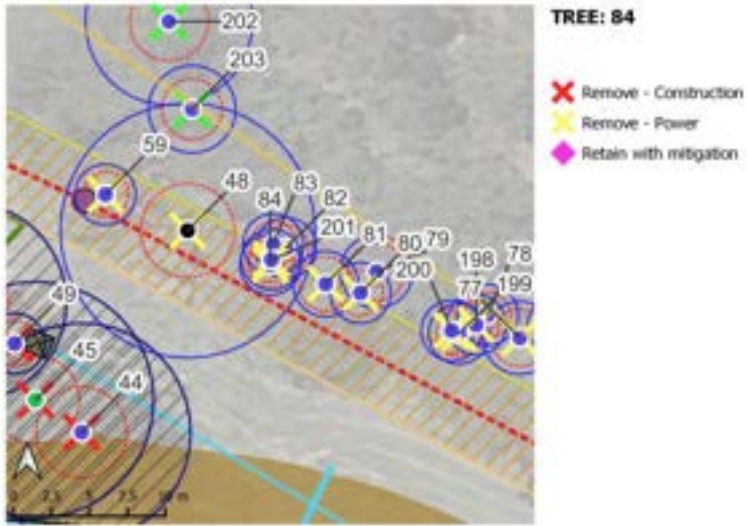
TREE: 80	<i>Acacia dealbata</i> , Silver Wattle. Arboricultural value: Low		
Encroachment:	-	Impact for Power:	Within / too close to new powerline
Impact:	Remove for powerline		



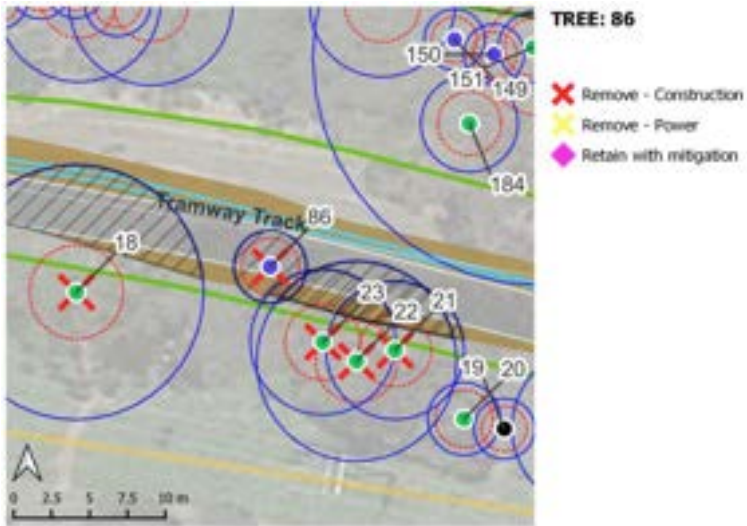
TREE: 81	<i>Acacia dealbata</i> , Silver Wattle. Arboricultural value: Low		
Encroachment:	-	Impact for Power:	Within / too close to new powerline
Impact:	Remove for powerline		





TREE: 84	<i>Acacia dealbata</i> , Silver Wattle. Arboricultural value: Low		
Encroachment:	-	Impact for Power:	Within / too close to new powerline
Impact:	Remove for powerline		


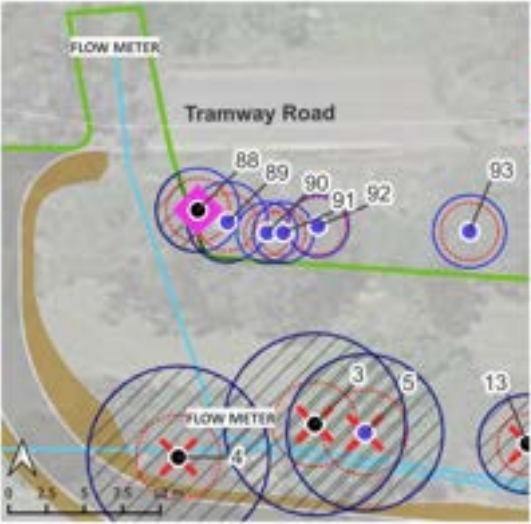



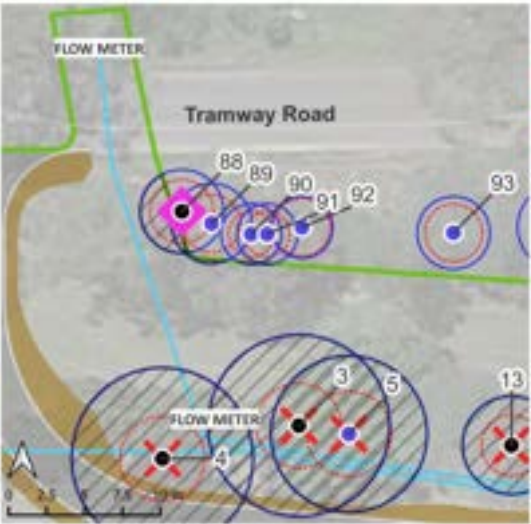
TREE: 86	<i>Acacia dealbata</i> , Silver Wattle. Arboricultural value: Low		
Encroachment:	100.0 (SRZ)	Impact for Power:	
	Tree in entry road footprint		
Impact:	Remove		




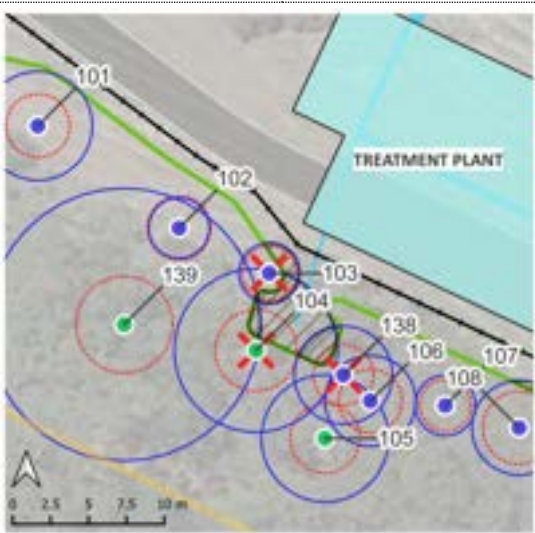
TREE: 87	<i>Eucalyptus ovata</i> , Swamp Gum. Arboricultural value: Moderate		
Encroachment:	30.1 (SRZ)	Impact for Power:	
	Trees too close to civil and entry road construction		
Impact:	Remove		
			


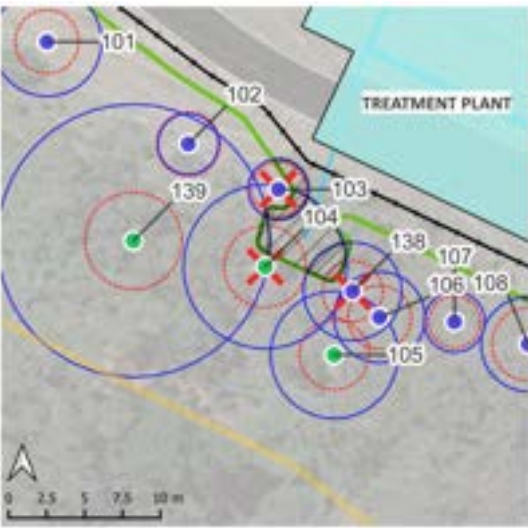
TREE: 88	<i>Acacia dealbata</i> , Silver Wattle. Arboricultural value: None		
Encroachment:	38.6 (SRZ)	Impact for Power:	
	Very poor tree next to civil works - keep out of SRZ and no change to tree in advanced decline		
Impact:	Retain with mitigation measures		
			

TREE: 90	<i>Acacia dealbata</i> , Silver Wattle. Arboricultural value: Low		
Encroachment:	.9	Impact for Power:	
	Minor encroachment		
Impact:	Minor encroachment only		
			


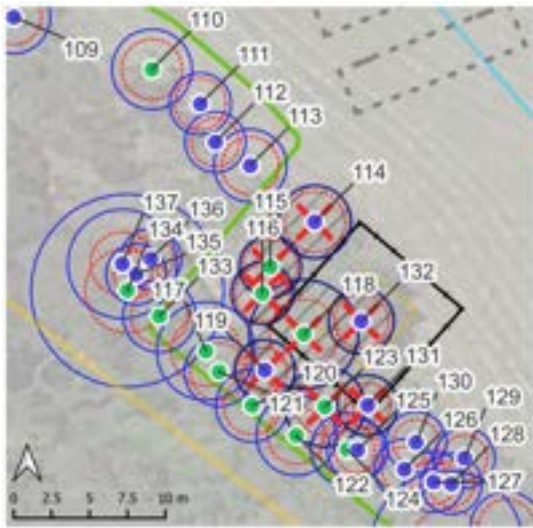
TREE: 91	<i>Acacia dealbata</i> , Silver Wattle. Arboricultural value: Low		
Encroachment:	.3	Impact for Power:	
	Minor encroachment		
Impact:	Minor encroachment only		
			


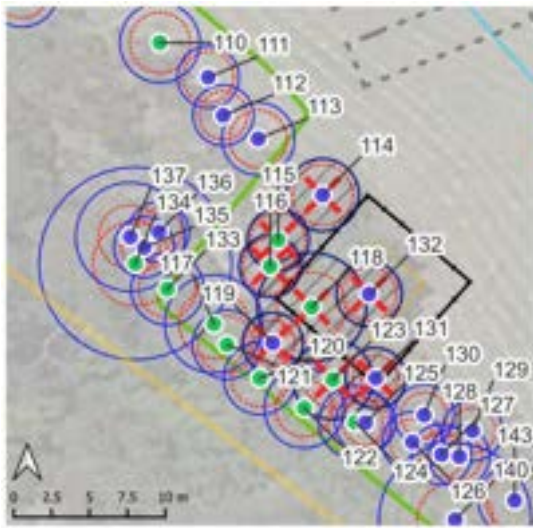
TREE: 100	<i>Acacia melanoxylon</i> , Blackwood. Arboricultural value: Low		
Encroachment:	45.6 (SRZ)	Impact for Power:	
	Tree too close to civil and entry road construction		
Impact:	Remove		
	 <p>TREE: 100</p> <ul style="list-style-type: none"> ✗ Remove - Construction ✗ Remove - Power ◆ Retain with mitigation 		


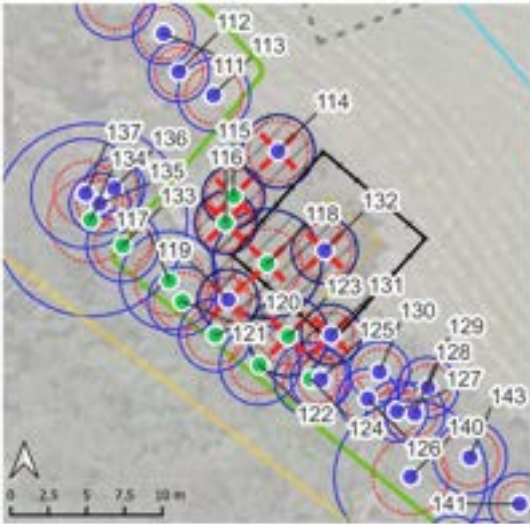
TREE: 103	<i>Eucalyptus ovata</i> , Swamp Gum. Arboricultural value: Low		
Encroachment:	41.7 (SRZ)	Impact for Power:	
	Remove for new drainage works from existing swale		
Impact:	Remove		
	 <p>TREE: 103</p> <ul style="list-style-type: none"> ✗ Remove - Construction ✗ Remove - Power ◆ Retain with mitigation 		


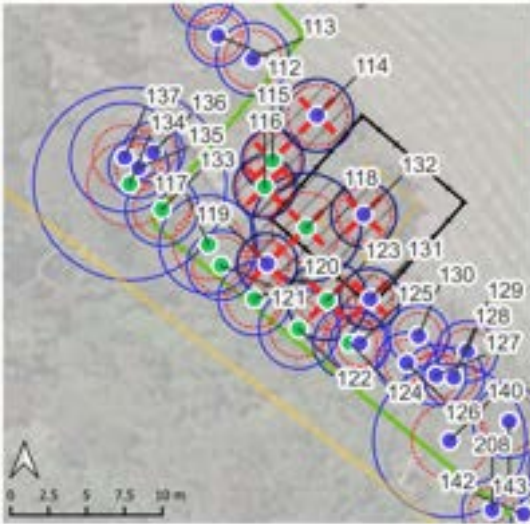
TREE: 104	<i>Eucalyptus obliqua</i> , Messmate. Arboricultural value: Moderate		
Encroachment:	23.6 (SRZ)	Impact for Power:	
	Remove for new drainage works from existing swale		
Impact:	Remove		
			


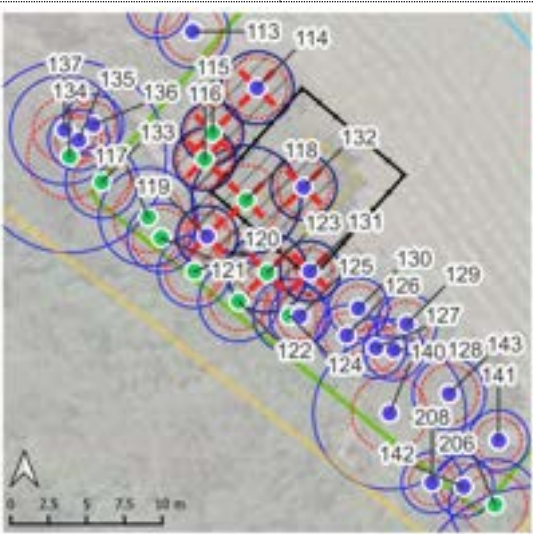
TREE: 114	<i>Acacia dealbata</i> , Silver Wattle. Arboricultural value: Low		
Encroachment:	100.0	Impact for Power:	
	Remove for dosing shed works and fence construction		
Impact:	Remove		
			


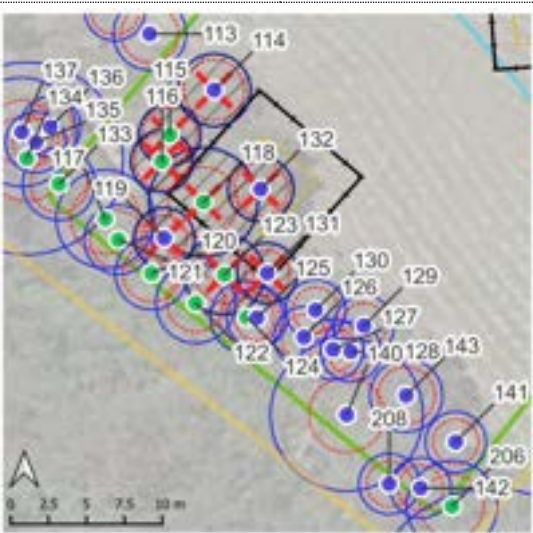
TREE: 115	<i>Eucalyptus ovata</i> , Swamp Gum. Arboricultural value: Moderate		
Encroachment:	100.0	Impact for Power:	
	Remove for dosing shed works and fence construction		
Impact:	Remove		
	 <p>TREE: 115</p> <ul style="list-style-type: none"> ✗ Remove - Construction ✗ Remove - Power ◆ Retain with mitigation 		


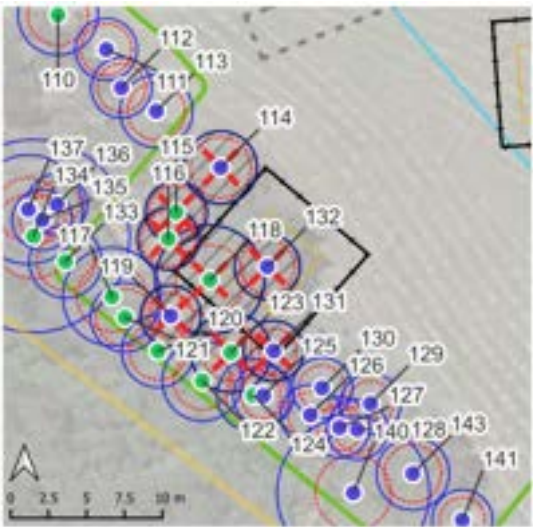
TREE: 116	<i>Eucalyptus ovata</i> , Swamp Gum. Arboricultural value: Moderate		
Encroachment:	100.0 (SRZ)	Impact for Power:	
	Remove for dosing shed works and fence construction		
Impact:	Remove		
	 <p>TREE: 116</p> <ul style="list-style-type: none"> ✗ Remove - Construction ✗ Remove - Power ◆ Retain with mitigation 		


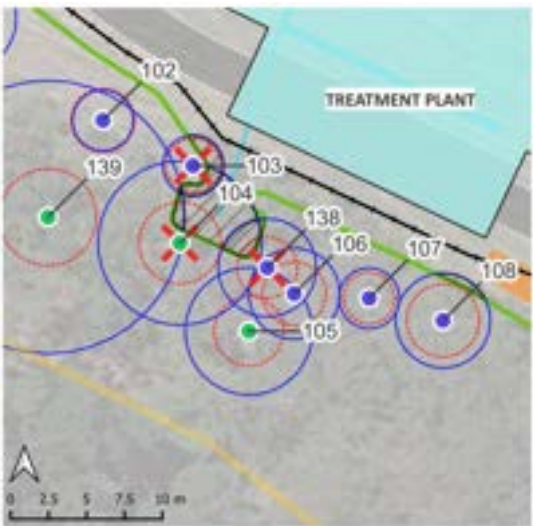
TREE: 118	<i>Eucalyptus ovata</i> , Swamp Gum. Arboricultural value: Moderate		
Encroachment:	99.9 (SRZ)	Impact for Power:	
	In construction footprint		
Impact:	Remove		
			


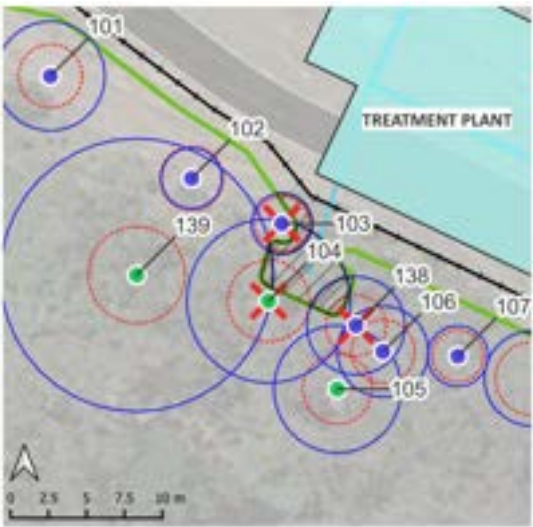
TREE: 119	<i>Eucalyptus ovata</i> , Swamp Gum. Arboricultural value: Low		
Encroachment:	100.0	Impact for Power:	
	Remove for dosing shed works and fence construction		
Impact:	Remove		
			


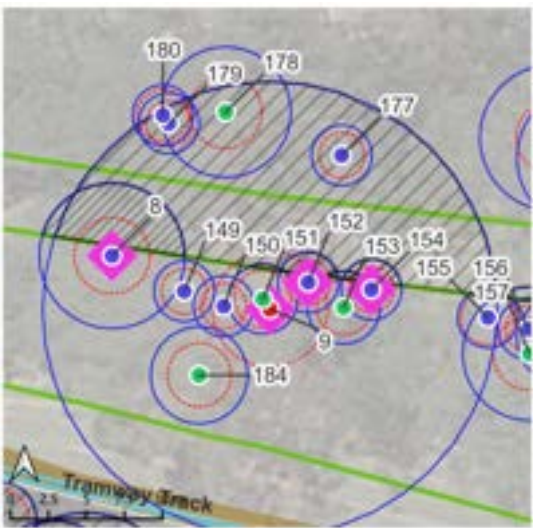
TREE: 123	<i>Eucalyptus goniocalyx</i> , Long-leaved Box. Arboricultural value: Moderate		
Encroachment:	100.0 (SRZ)	Impact for Power:	
	Remove for dosing shed works and fence construction		
Impact:	Remove		
	 <p>TREE: 123</p> <ul style="list-style-type: none"> ✗ Remove - Construction ★ Remove - Power ◆ Retain with mitigation 		

TREE: 131	<i>Acacia dealbata</i> , Silver Wattle. Arboricultural value: Low		
Encroachment:	100.0 (SRZ)	Impact for Power:	
	Remove for dosing shed works and fence construction		
Impact:	Remove		
	 <p>TREE: 131</p> <ul style="list-style-type: none"> ✗ Remove - Construction ★ Remove - Power ◆ Retain with mitigation 		

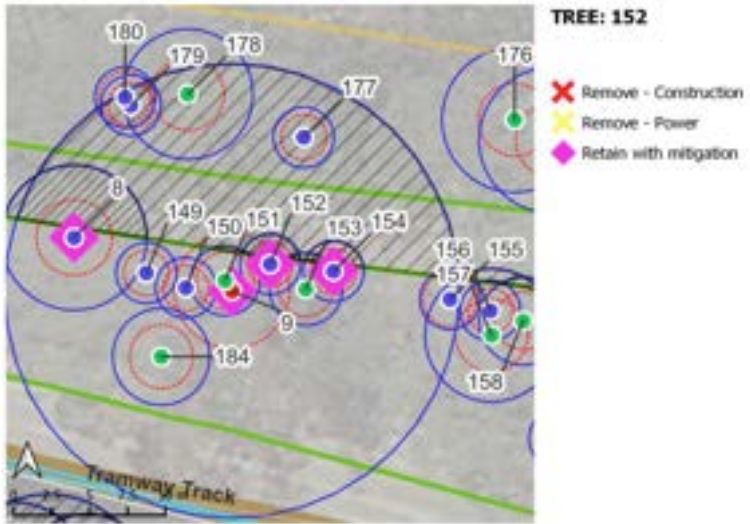
TREE: 132	<i>Acacia dealbata</i> , Silver Wattle. Arboricultural value: Low		
Encroachment:	100.0 (SRZ)	Impact for Power:	
	In construction footprint		
Impact:	Remove		
			

TREE: 138	<i>Acacia dealbata</i> , Silver Wattle. Arboricultural value: Low		
Encroachment:	12.6 (SRZ)	Impact for Power:	
	Remove for new drainage works from existing swale		
Impact:	Remove		
			

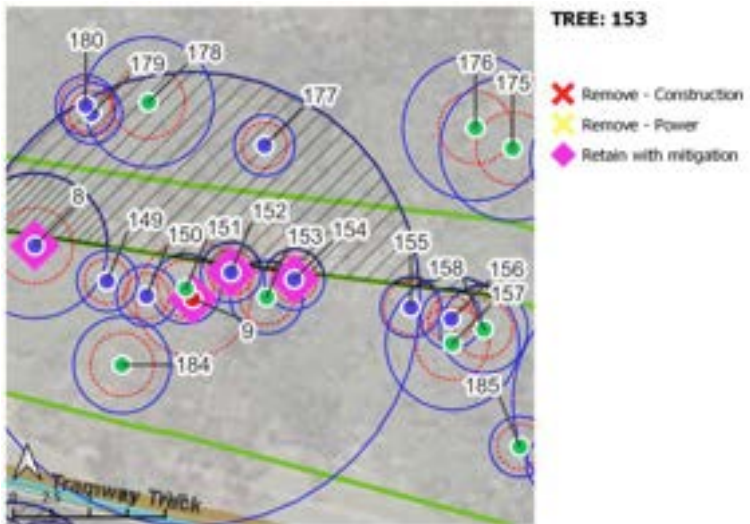
TREE: 139	<i>Eucalyptus obliqua</i> , Messmate. Arboricultural value: Moderate		
Encroachment:	.5	Impact for Power:	
	Minor encroachment		
Impact:	Minor encroachment only		
	 <p>TREE: 139</p> <ul style="list-style-type: none"> ✗ Remove - Construction ★ Remove - Power ◆ Retain with mitigation 		

TREE: 151	<i>Eucalyptus ovata</i> , Swamp Gum. Arboricultural value: Moderate		
Encroachment:	2.9	Impact for Power:	
	Minor encroachment		
Impact:	Minor encroachment only		
	 <p>TREE: 151</p> <ul style="list-style-type: none"> ✗ Remove - Construction ★ Remove - Power ◆ Retain with mitigation 		

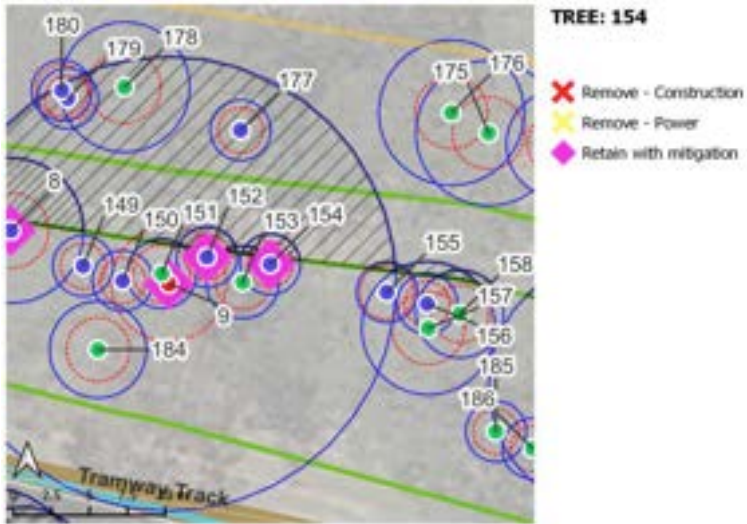
TREE: 152	<i>Acacia melanoxylon</i> , Blackwood. Arboricultural value: Low		
Encroachment:	33.1 (SRZ)	Impact for Power:	
	Install ground protection for temporary construction access		
Impact:	Retain with mitigation measures		



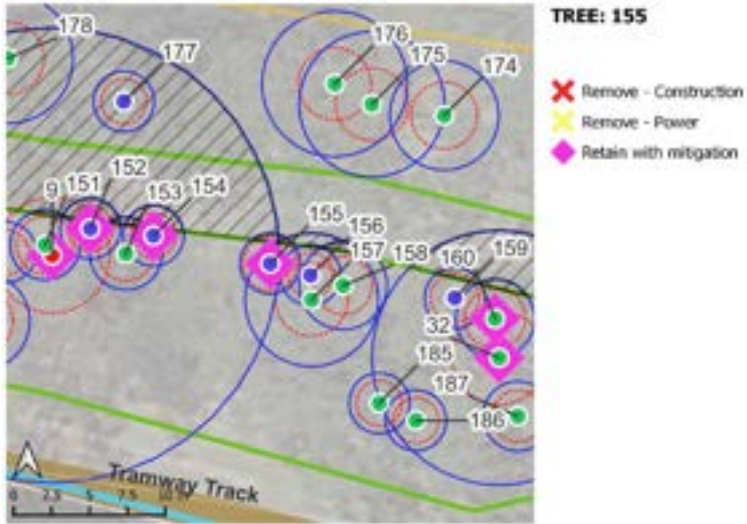
TREE: 153	<i>Acacia melanoxylon</i> , Blackwood. Arboricultural value: Moderate		
Encroachment:	5.5	Impact for Power:	
	Minor encroachment		
Impact:	Minor encroachment only		


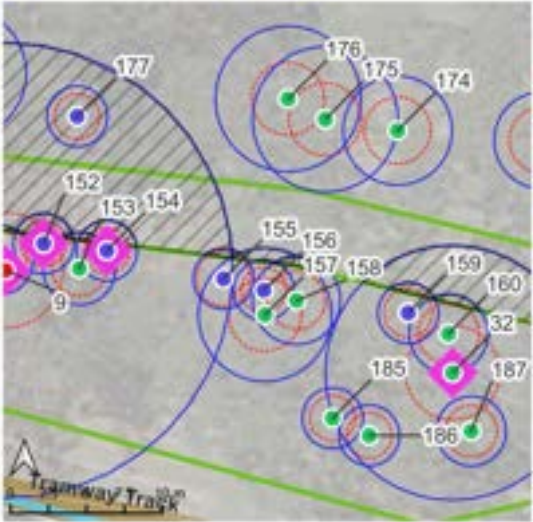



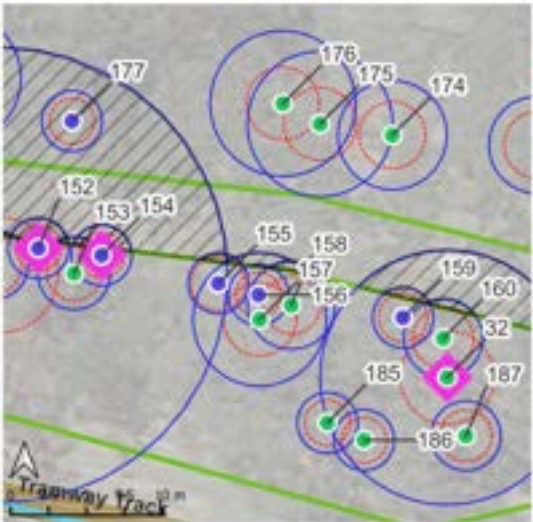
TREE: 154	<i>Acacia melanoxylon</i> , Blackwood. Arboricultural value: Low		
Encroachment:	34.1 (SRZ)	Impact for Power:	
	Install ground protection for temporary construction access		
Impact:	Retain with mitigation measures		


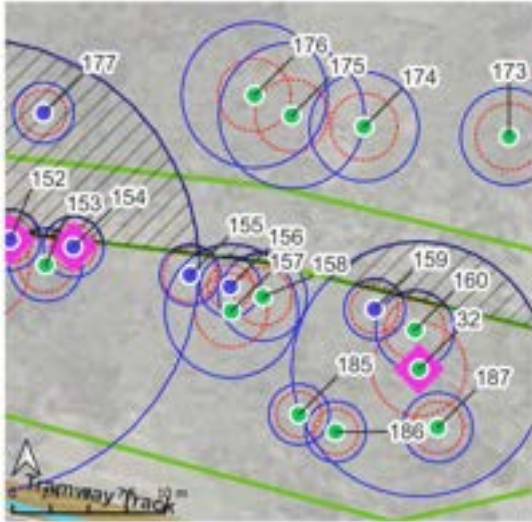


TREE: 155	<i>Eucalyptus obliqua</i> , Messmate. Arboricultural value: Low		
Encroachment:	8.8 (SRZ)	Impact for Power:	
	Temporary access only through TPZ		
Impact:	Retain with mitigation measures		



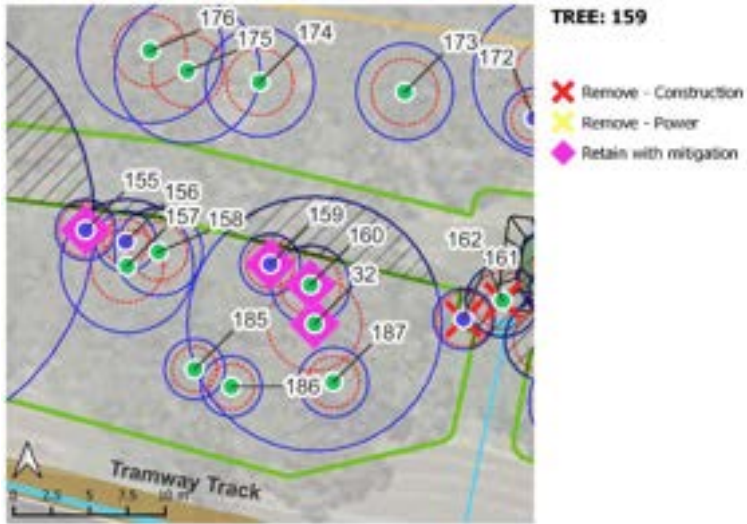
TREE: 156	<i>Acacia dealbata</i> , Silver Wattle. Arboricultural value: Low		
Encroachment:	1.0	Impact for Power:	
	Minor encroachment		
Impact:	Minor encroachment only		
	 <p>TREE: 156</p> <ul style="list-style-type: none"> ✗ Remove - Construction ✗ Remove - Power ◆ Retain with mitigation 		

TREE: 157	<i>Eucalyptus ovata</i> , Swamp Gum. Arboricultural value: Moderate		
Encroachment:	5.8	Impact for Power:	
	Minor encroachment		
Impact:	Minor encroachment only		
	 <p>TREE: 157</p> <ul style="list-style-type: none"> ✗ Remove - Construction ✗ Remove - Power ◆ Retain with mitigation 		

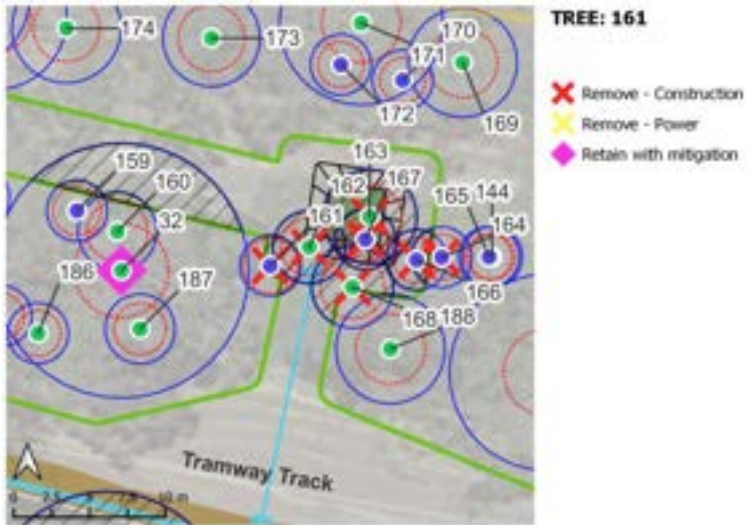
TREE: 158	<i>Eucalyptus ovata</i> , Swamp Gum. Arboricultural value: Moderate		
Encroachment:	6.9	Impact for Power:	
	Temporary access only through TPZ		
Impact:	Minor encroachment only		
	 <p>TREE: 158</p> <ul style="list-style-type: none"> ✗ Remove - Construction ✖ Remove - Power ◆ Retain with mitigation 		


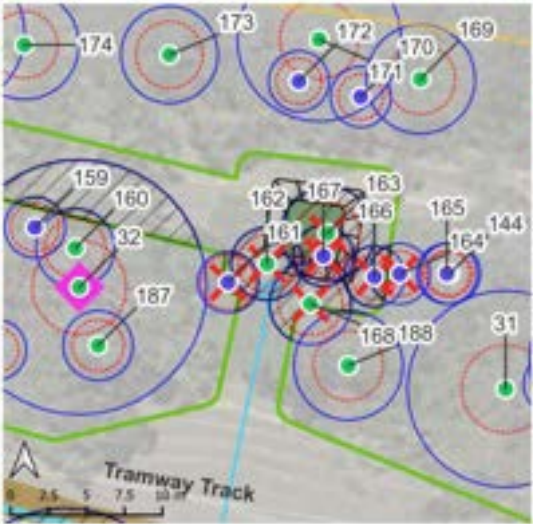
TREE: 159	<i>Eucalyptus ovata</i> , Swamp Gum. Arboricultural value: Low		
Encroachment:	12.1 (SRZ)	Impact for Power:	
	Install ground protection for temporary construction access		
Impact:	Retain with mitigation measures		
	 <p>TREE: 159</p> <ul style="list-style-type: none"> ✗ Remove - Construction ✖ Remove - Power ◆ Retain with mitigation 		


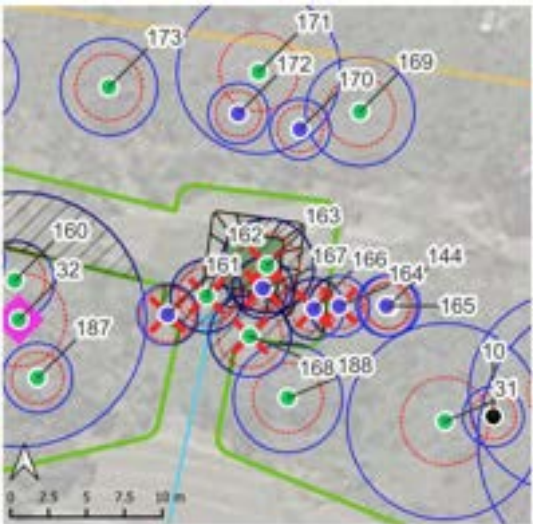
TREE: 160	<i>Eucalyptus ovata</i> , Swamp Gum. Arboricultural value: Moderate		
Encroachment:	6.7 (SRZ)	Impact for Power:	
	Install ground protection for temporary construction access		
Impact:	Retain with mitigation measures		


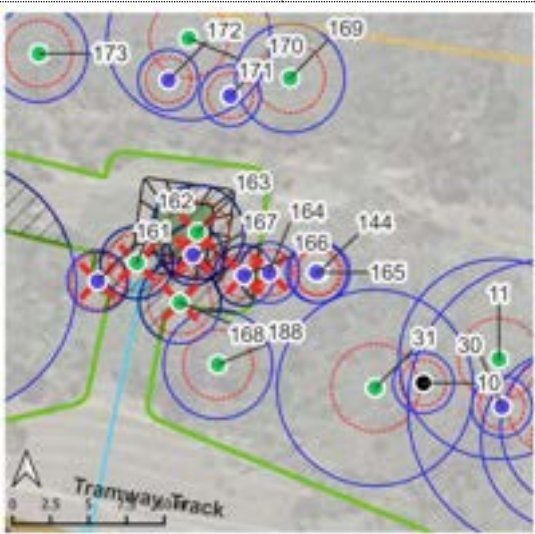



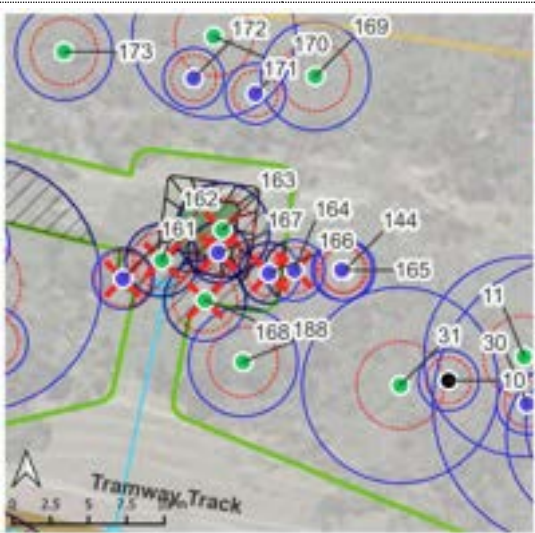
TREE: 161	<i>Acacia melanoxylon</i> , Blackwood. Arboricultural value: Low		
Encroachment:	48.4 (SRZ)	Impact for Power:	
	Remove for construction access to Flow meter		
Impact:	Remove		





TREE: 162	<i>Acacia melanoxylon</i> , Blackwood. Arboricultural value: Moderate		
Encroachment:	100.0 (SRZ)	Impact for Power:	
	In flow meter footprint		
Impact:	Remove		
			


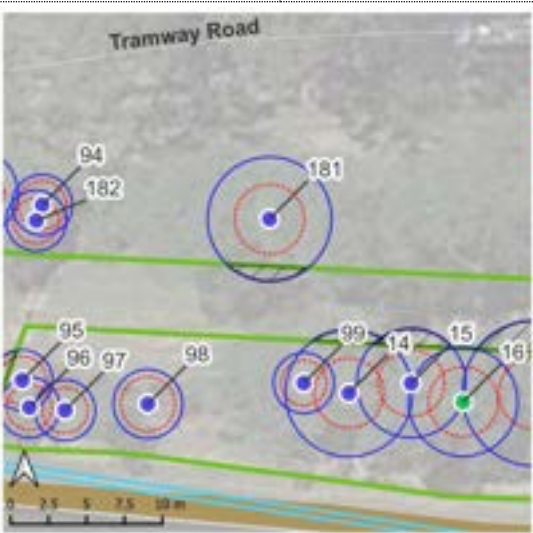
TREE: 163	<i>Eucalyptus ovata</i> , Swamp Gum. Arboricultural value: Moderate		
Encroachment:	100 (SRZ)	Impact for Power:	
	In flow meter footprint		
Impact:	Remove		
			


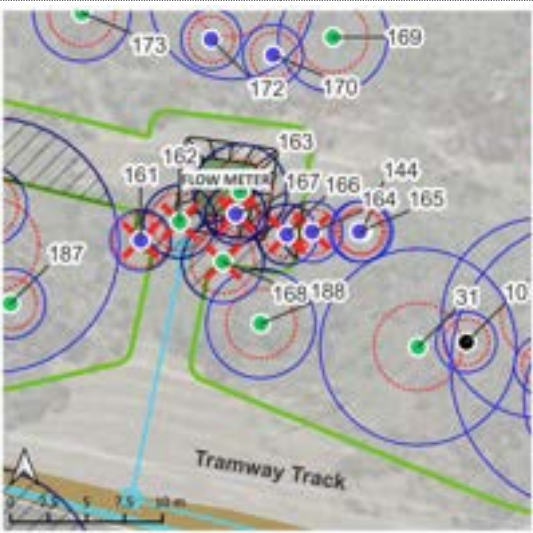
TREE: 164	<i>Acacia melanoxylon</i> , Blackwood. Arboricultural value: Low		
Encroachment:	24.4 (SRZ)	Impact for Power:	
	Remove for construction access to Flow meter		
Impact:	Remove		
			


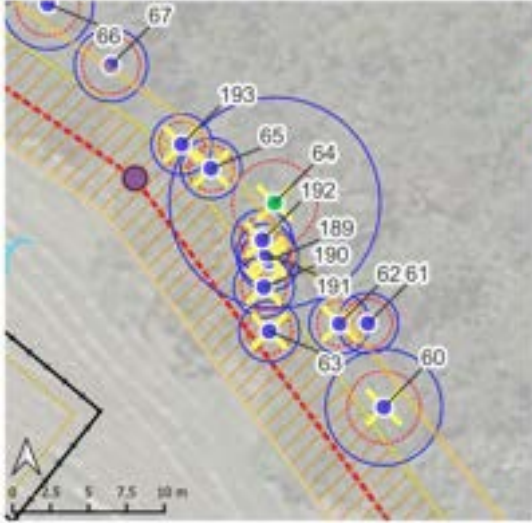
TREE: 166	<i>Acacia melanoxylon</i> , Blackwood. Arboricultural value: Low		
Encroachment:	74.5 (SRZ)	Impact for Power:	
	Remove for construction access to Flow meter		
Impact:	Remove		
			


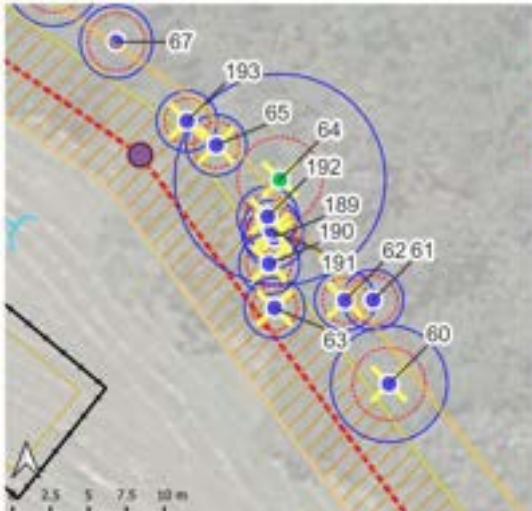
TREE: 167	<i>Acacia melanoxylon</i> , Blackwood. Arboricultural value: Low		
Encroachment:	100.0 (SRZ)	Impact for Power:	
	In flow meter footprint		
Impact:	Remove		
	 <p>TREE: 167</p> <ul style="list-style-type: none"> ✗ Remove - Construction ★ Remove - Power ◆ Retain with mitigation 		


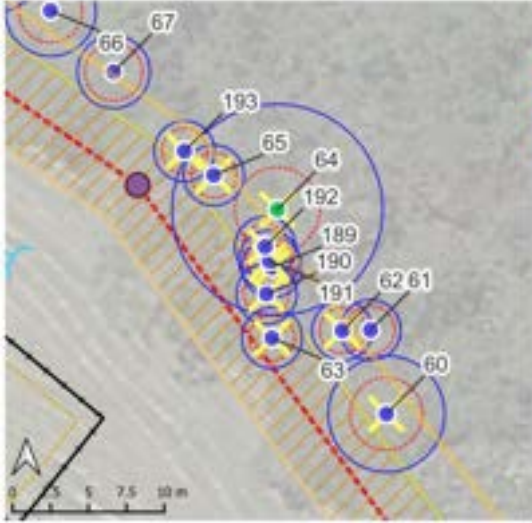
TREE: 168	<i>Acacia melanoxylon</i> , Blackwood. Arboricultural value: Moderate		
Encroachment:	69.2 (SRZ)	Impact for Power:	
	Remove for construction access to Flow meter		
Impact:	Remove		
	 <p>TREE: 168</p> <ul style="list-style-type: none"> ✗ Remove - Construction ★ Remove - Power ◆ Retain with mitigation 		


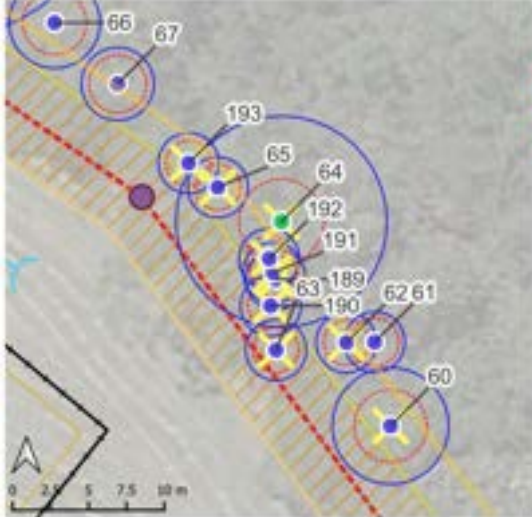
TREE: 181	<i>Acacia dealbata</i> , Silver Wattle. Arboricultural value: Low		
Encroachment:	6.9	Impact for Power:	
	Temporary access only through TPZ		
Impact:	Minor encroachment only		
			


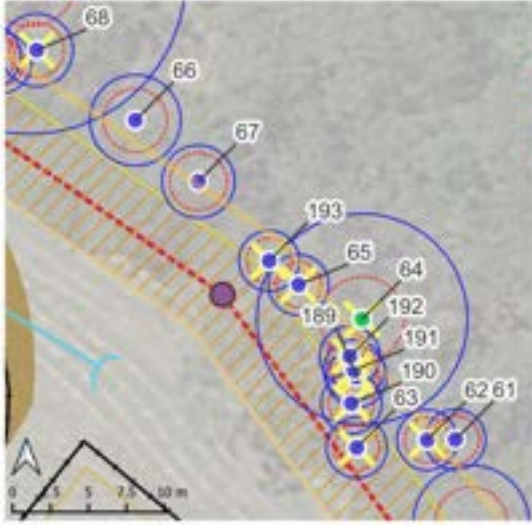
TREE: 188	<i>Acacia melanoxylon</i> , Blackwood. Arboricultural value: Moderate		
Encroachment:	.3	Impact for Power:	
	Minor encroachment		
Impact:	Minor encroachment only		
			


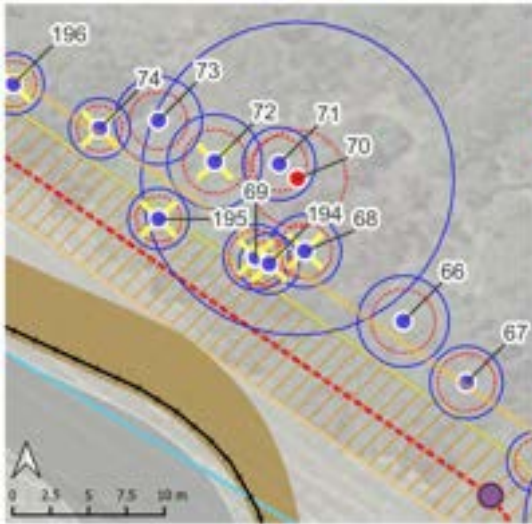
TREE: 189	<i>Acacia dealbata</i> , Silver Wattle. Arboricultural value: Low		
Encroachment:	-	Impact for Power:	Within / too close to new powerline
Impact:	Remove for powerline		
	 <p>TREE: 189</p> <ul style="list-style-type: none"> ✗ Remove - Construction ★ Remove - Power ● Retain with mitigation 		


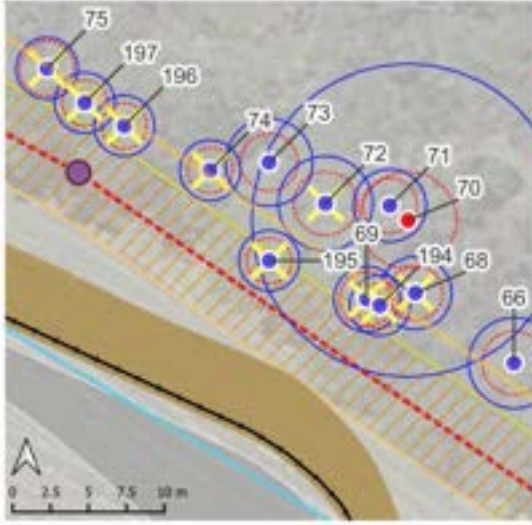
TREE: 190	<i>Acacia dealbata</i> , Silver Wattle. Arboricultural value: Low		
Encroachment:	-	Impact for Power:	Within / too close to new powerline
Impact:	Remove for powerline		
	 <p>TREE: 190</p> <ul style="list-style-type: none"> ✗ Remove - Construction ★ Remove - Power ● Retain with mitigation 		


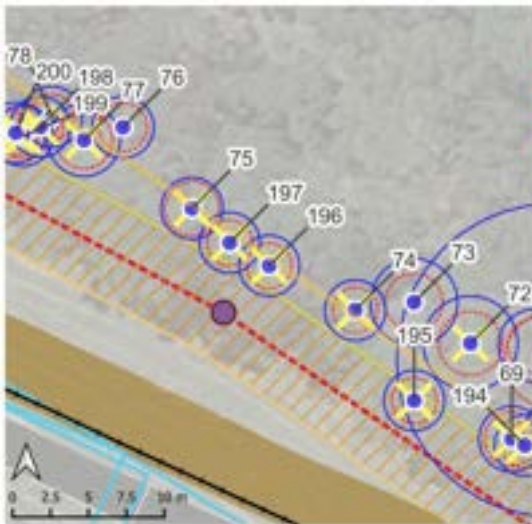
TREE: 191	<i>Acacia dealbata</i> , Silver Wattle. Arboricultural value: Low		
Encroachment:	-	Impact for Power:	Within / too close to new powerline
Impact:	Remove for powerline		
	 <p>TREE: 191</p> <ul style="list-style-type: none"> ✖ Remove - Construction ★ Remove - Power ● Retain with mitigation 		


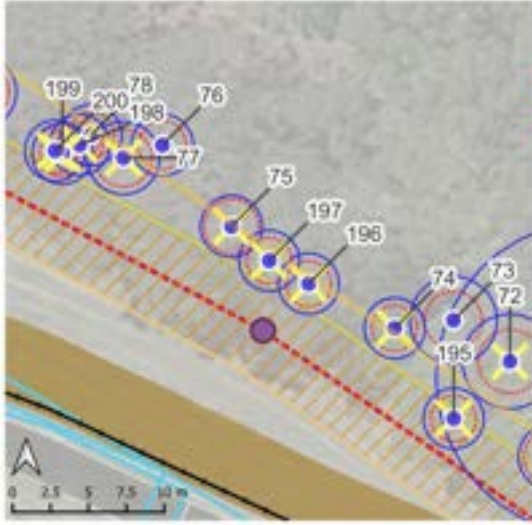
TREE: 192	<i>Acacia dealbata</i> , Silver Wattle. Arboricultural value: Low		
Encroachment:	-	Impact for Power:	Within / too close to new powerline
Impact:	Remove for powerline		
	 <p>TREE: 192</p> <ul style="list-style-type: none"> ✖ Remove - Construction ★ Remove - Power ● Retain with mitigation 		


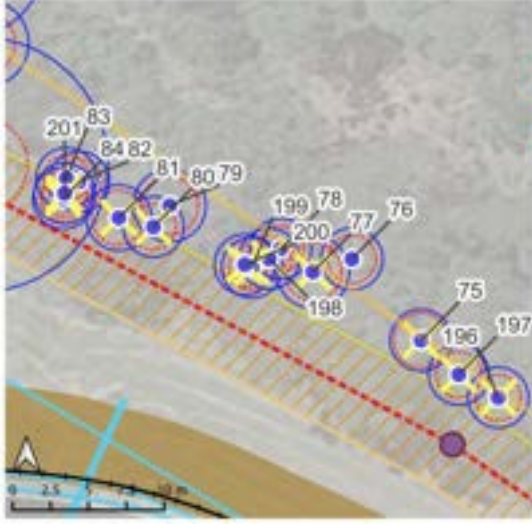
TREE: 193	<i>Acacia dealbata</i> , Silver Wattle. Arboricultural value: Low		
Encroachment:	-	Impact for Power:	Within / too close to new powerline
Impact:	Remove for powerline		
	 <p>TREE: 193</p> <ul style="list-style-type: none"> ✗ Remove - Construction ✗ Remove - Power ◆ Retain with mitigation 		

TREE: 194	<i>Acacia dealbata</i> , Silver Wattle. Arboricultural value: Low		
Encroachment:	-	Impact for Power:	Within / too close to new powerline
Impact:	Remove for powerline		
	 <p>TREE: 194</p> <ul style="list-style-type: none"> ✗ Remove - Construction ✗ Remove - Power ◆ Retain with mitigation 		


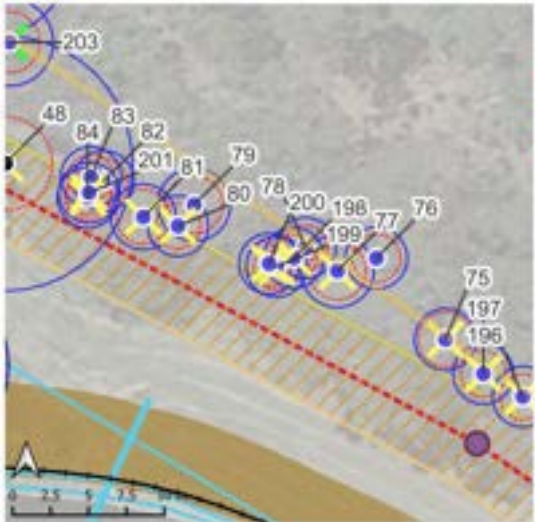
TREE: 195	<i>Acacia dealbata</i> , Silver Wattle. Arboricultural value: Low		
Encroachment:	-	Impact for Power:	Within / too close to new powerline
Impact:	Remove for powerline		
			


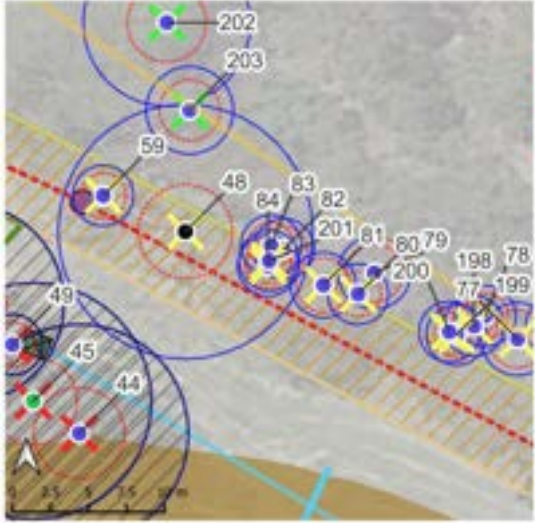
TREE: 196	<i>Eucalyptus ovata</i> , Swamp Gum. Arboricultural value: Low		
Encroachment:	-	Impact for Power:	Within / too close to new powerline
Impact:	Remove for powerline		
			


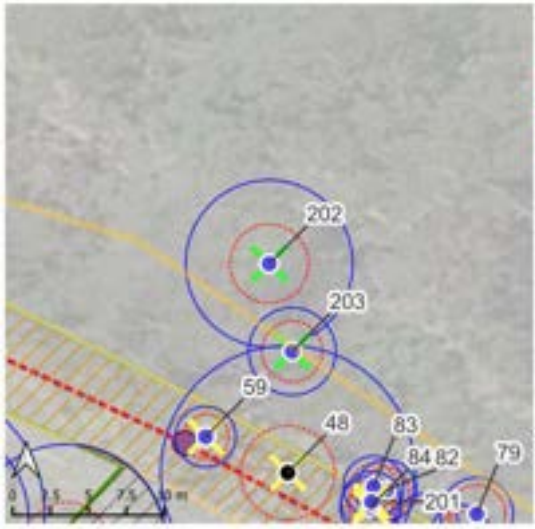
TREE: 197	<i>Eucalyptus ovata</i> , Swamp Gum. Arboricultural value: Low		
Encroachment:	-	Impact for Power:	Within / too close to new powerline
Impact:	Remove for powerline		
	 <p>TREE: 197</p> <ul style="list-style-type: none"> ✖ Remove - Construction ★ Remove - Power ◆ Retain with mitigation 		


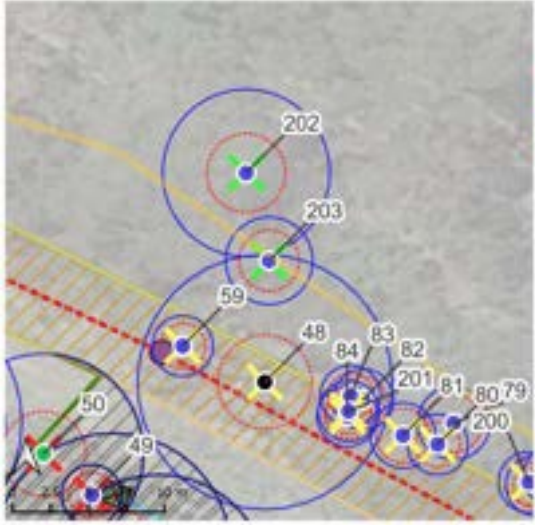
TREE: 198	<i>Acacia dealbata</i> , Silver Wattle. Arboricultural value: Low		
Encroachment:	-	Impact for Power:	Within / too close to new powerline
Impact:	Remove for powerline		
	 <p>TREE: 198</p> <ul style="list-style-type: none"> ✖ Remove - Construction ★ Remove - Power ◆ Retain with mitigation 		

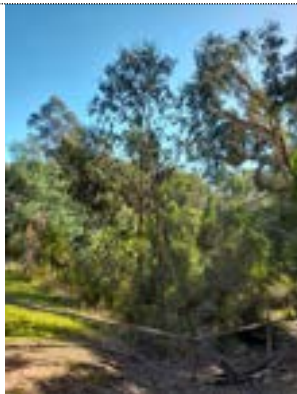
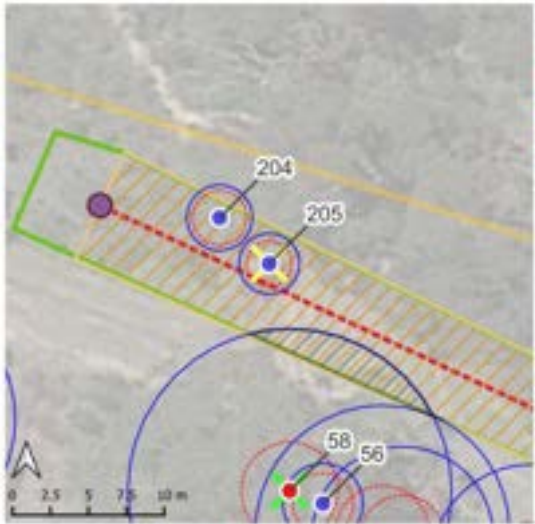
TREE: 199	<i>Acacia dealbata</i> , Silver Wattle. Arboricultural value: Low		
Encroachment:	-	Impact for Power:	Within / too close to new powerline
Impact:	Remove for powerline		
			

TREE: 200	<i>Acacia dealbata</i> , Silver Wattle. Arboricultural value: Low		
Encroachment:	-	Impact for Power:	Within / too close to new powerline
Impact:	Remove for powerline		
			

TREE: 201	<i>Acacia melanoxylon</i> , Blackwood. Arboricultural value: Low		
Encroachment:	-	Impact for Power:	Within / too close to new powerline
Impact:	Remove for powerline		
			

TREE: 202	<i>Eucalyptus ovata</i> , Swamp Gum. Arboricultural value: Low		
Encroachment:	-	Impact for Power:	Grows out from adjacent land. Lop for powerline
Impact:	Lop		
			

TREE: 203	<i>Eucalyptus ovata</i> , Swamp Gum. Arboricultural value: Low		
Encroachment:	-	Impact for Power:	Grows out from adjacent land. Lop for powerline
Impact:	Lop		
			

TREE: 205	<i>Eucalyptus ovata</i> , Swamp Gum. Arboricultural value: Low		
Encroachment:	-	Impact for Power:	Within / too close to new powerline
Impact:	Remove for powerline		
			

4.0 TREE ASSESSMENT DATA

ID	Taxon	Common Name	Origin	Total DBH (cm)	TPZ (m)	DAB (cm)	SRZ (m)	Height (m)	Width (m)	Health	Structure	Age	ULE	Form	Arb. Value	Comments
1	<i>Eucalyptus ovata</i>	Swamp Gum	Indigenous	40	4.8	55	2.6	9	4	Poor	Poor	Semi-mature	1-5years	Asymmetrical		Lost leader
2	<i>Eucalyptus ovata</i>	Swamp Gum	Indigenous	70	8.4	85	3.1	20	19	Fair-good	Fair	Mature	20+years	Symmetrical	High	
3	<i>Populus nigra var. italica</i>	Lombardy Poplar	Exotic	50	6	65	2.8	18	4	Fair-good	Fair	Semi-mature	0	Symmetrical	None	Environmental weed
4	<i>Populus nigra var. italica</i>	Lombardy Poplar	Exotic	50	6	65	2.8	20	4	Fair-good	Fair	Semi-mature	0	Symmetrical	None	Environmental weeds. 3 trees in copse
5	<i>Salix x reichardtii</i>	Pussy Willow	Exotic	43	5.16	70	2.8	12	7	Fair	Fair-poor	Semi-mature	1-5years	Symmetrical	Low	Appears to be a weedy willow
6	<i>Eucalyptus ovata</i>	Swamp Gum	Indigenous	45	5.4	50	2.5	17	7	Fair-good	Fair	Semi-mature	20+years	Symmetrical	Moderate	
7	<i>Acacia dealbata</i>	Silver Wattle	Indigenous	45	5.4	50	2.5	16	5	Poor	Poor	Over-mature	1-5years	Symmetrical	Low	
8	<i>Acacia dealbata</i>	Silver Wattle	Indigenous	40	4.8	50	2.5	20	12	Fair	Fair-good	Mature	11-20years	Symmetrical	Low	
9	<i>Eucalyptus viminalis subsp. viminalis</i>	Manna Gum	Indigenous	125	15	140	3.8	27	18	Fair	Fair	Mature	20+years	Symmetrical	High	
10	<i>Acacia dealbata</i>	Silver Wattle	Indigenous	14	2	16	1.5	6	4	Fair	Poor	Semi-mature	0	Asymmetrical	None	Top recently snapped out
11	<i>Eucalyptus obliqua</i>	Messmate	Indigenous	55	6.6	60	2.7	16	7	Fair	Fair-poor	Semi-mature	11-20years	Symmetrical	Moderate	
12	<i>Eucalyptus obliqua</i>	Messmate	Indigenous	81	9.72	85	3.1	16	16	Fair	Fair-poor	Mature	20+years	Asymmetrical	Moderate	
13	<i>Acacia dealbata</i>	Silver Wattle	Indigenous	27	3.24	30	2	5	3	Dead	Poor	Dead	0	Asymmetrical	None	Dead
14	<i>Acacia dealbata</i>	Silver Wattle	Indigenous	35	4.2	40	2.3	10	9	Poor	Poor	Senescent	1-5years	Asymmetrical	Low	Top has blown out
15	<i>Acacia dealbata</i>	Silver Wattle	Indigenous	30	3.6	36	2.2	18	6	Fair-poor	Fair	Over-mature	6-10years	Symmetrical	Low	
16	<i>Acacia dealbata</i>	Silver Wattle	Indigenous	30	3.6	40	2.3	18	12	Fair-good	Fair-good	Semi-mature	11-20years	Symmetrical	Moderate	
17	<i>Acacia dealbata</i>	Silver Wattle	Indigenous	40	4.8	48	2.4	18	10	Fair-good	Fair-good	Mature	11-20years	Symmetrical	Low	
18	<i>Eucalyptus ovata</i>	Swamp Gum	Indigenous	70	8.4	85	3.1	16	12	Fair-good	Fair	Mature	20+years	Symmetrical	Moderate	
19	<i>Eucalyptus ovata</i>	Swamp Gum	Indigenous	0	2	0	1.5	0	0	Dead	Poor	Dead	0	Lopped/topped	None	Recent storm loss
20	<i>Acacia melanoxylon</i>	Blackwood	Indigenous	20	2.4	27	1.9	7	5	Fair-good	Fair	Semi-mature	11-20years	Asymmetrical	Moderate	
21	<i>Eucalyptus ovata</i>	Swamp Gum	Indigenous	38	4.56	45	2.4	18	6	Fair-good	Fair	Semi-mature	20+years	Symmetrical	Moderate	
22	<i>Eucalyptus ovata</i>	Swamp Gum	Indigenous	55	6.6	60	2.7	18	10	Fair	Fair	Semi-mature	20+years	Symmetrical	Moderate	
23	<i>Eucalyptus ovata</i>	Swamp Gum	Indigenous	40	4.8	50	2.5	15	9	Fair-good	Fair	Semi-mature	20+years	Asymmetrical	Moderate	
24	<i>Eucalyptus radiata</i>	Narrow-leaved Peppermint	Indigenous	45	5.4	50	2.5	15	7	Fair-good	Fair-good	Semi-mature	20+years	Symmetrical	Moderate	
25	<i>Eucalyptus ovata</i>	Swamp Gum	Indigenous	77	9.24	75	2.9	16	12	Fair	Fair-poor	Over-mature	11-20years	Asymmetrical	Low	Up on embankment
26	<i>Eucalyptus ovata</i>	Swamp Gum	Indigenous	35	4.2	45	2.4	17	7	Fair-good	Fair	Semi-mature	20+years	Symmetrical	Moderate	
27	<i>Eucalyptus obliqua</i>	Messmate	Indigenous	86	10.32	110	3.4	26	20	Fair	Fair	Mature	20+years	Symmetrical	High	
28	<i>Eucalyptus ovata</i>	Swamp Gum	Indigenous	46	5.52	60	2.7	16	9	Poor	Fair-poor	Semi-mature	6-10years	Asymmetrical	Low	Sparse
29	<i>Eucalyptus ovata</i>	Swamp Gum	Indigenous	50	6	60	2.7	19	9	Fair-poor	Fair	Semi-mature	11-20years	Asymmetrical	Moderate	
30	<i>Acacia dealbata</i>	Silver Wattle	Indigenous	12	2	14	1.5	6	3	Fair-good	Fair	Semi-mature	11-20years	Asymmetrical	Low	
31	<i>Eucalyptus ovata</i>	Swamp Gum	Indigenous	54	6.48	75	2.9	18	14	Fair-good	Fair	Over-mature	20+years	Symmetrical	Moderate	
32	<i>Eucalyptus obliqua</i>	Messmate	Indigenous	70	8.4	85	3.1	17	18	Fair	Fair	Mature	11-20years	Symmetrical	Moderate	
33	<i>Eucalyptus ovata</i>	Swamp Gum	Indigenous	70	8.4	100	3.3	24	14	Fair-good	Fair	Over-mature	20+years	Symmetrical	High	Inferior stem blown out
34	<i>Eucalyptus obliqua</i>	Messmate	Indigenous	50	6	65	2.8	18	6	Fair	Fair	Semi-mature	20+years	Symmetrical	Moderate	
35	<i>Eucalyptus obliqua</i>	Messmate	Indigenous	75	9	90	3.2	18	9	Fair-good	Fair	Semi-mature	20+years	Symmetrical	Moderate	One tree
36	<i>Eucalyptus ovata</i>	Swamp Gum	Indigenous	70	8.4	85	3.1	20	16	Fair	Fair	Semi-mature	11-20years	Symmetrical	Moderate	
37	<i>Eucalyptus ovata</i>	Swamp Gum	Indigenous	81	9.72	85	3.1	20	9	Fair	Fair	Mature	11-20years	Asymmetrical	Moderate	
38	<i>Eucalyptus ovata</i>	Swamp Gum	Indigenous	81	9.72	110	3.4	20	10	Fair-good	Fair	Over-mature	20+years	Symmetrical	Moderate	Out codominant
39	<i>Eucalyptus ovata</i>	Swamp Gum	Indigenous	70	8.4	85	3.1	20	16	Fair-good	Fair-poor	Over-mature	11-20years	Asymmetrical	Moderate	
40	<i>Eucalyptus ovata</i>	Swamp Gum	Indigenous	45	5.4	60	2.7	16	7	Fair-good	Fair	Semi-mature	20+years	Symmetrical	Moderate	
41	<i>Eucalyptus ovata</i>	Swamp Gum	Indigenous	60	7.2	80	3	18	16	Fair-good	Fair-poor	Over-mature	11-20years	Symmetrical	Moderate	Basal decay. Up on embankment
42	<i>Acacia melanoxylon</i>	Blackwood	Indigenous	55	6.6	70	2.8	16	14	Fair-good	Fair-good	Mature	11-20years	Symmetrical	Moderate	
43	<i>Eucalyptus sp.</i>	Eucalypt	Australian Native	75	9	90	3.2	22	12	Fair	Fair	Mature	20+years	Asymmetrical	Moderate	
44	<i>Eucalyptus ovata</i>	Swamp Gum	Indigenous	60	7.2	80	3	17	14	Fair-good	Poor	Semi-mature	6-10years	Symmetrical	Low	Half tree split out
45	<i>Eucalyptus ovata</i>	Swamp Gum	Indigenous	65	7.8	75	2.9	20	12	Fair	Fair	Semi-mature	11-20years	Symmetrical	Moderate	
46	<i>Eucalyptus ovata</i>	Swamp Gum	Indigenous	60	7.2	75	2.9	17	14	Fair-good	Fair	Semi-mature	20+years	Asymmetrical	Moderate	
47	<i>Eucalyptus obliqua</i>	Messmate	Indigenous	105	12.6	120	3.6	26	16	Fair	Fair	Over-mature	11-20years	Symmetrical	Moderate	
48	<i>Eucalyptus sp.</i>	Eucalypt	Australian Native	70	8.4	85	3.1	20	14	Dead	Poor	Dead	0	Symmetrical	None	
49	<i>Acacia melanoxylon</i>	Blackwood	Indigenous	12	2	15	1.5	5	4	Good	Good	Semi-mature	20+years	Symmetrical	Low	
50	<i>Eucalyptus ovata</i>	Swamp Gum	Indigenous	55	6.6	70	2.8	20	12	Fair-good	Fair-good	Semi-mature	20+years	Symmetrical	Moderate	
51	<i>Acacia melanoxylon</i>	Blackwood	Indigenous	6	2	8	1.5	3	2	Fair-good	Fair-good	Juvenile	20+years	Symmetrical	Low	
52	<i>Eucalyptus ovata</i>	Swamp Gum	Indigenous	10	2	12	1.5	5	1	Fair	Fair	Juvenile	20+years	Asymmetrical	Low	
53	<i>Eucalyptus ovata</i>	Swamp Gum	Indigenous	9	2	12	1.5	7	2	Fair	Fair	Semi-mature	20+years	Asymmetrical	Low	
54	<i>Eucalyptus ovata</i>	Swamp Gum	Indigenous	50	6	65	2.8	22	8	Fair	Fair	Semi-mature	20+years	Symmetrical	Moderate	
55	<i>Eucalyptus ovata</i>	Swamp Gum	Indigenous	70	8.4	85	3.1	25	16	Fair-good	Fair	Mature	20+years	Symmetrical	Moderate	
56	<i>Eucalyptus ovata</i>	Swamp Gum	Indigenous	22	2.64	30	2	7	6	Fair	Fair	Semi-mature	11-20years	Asymmetrical	Low	

ID	Taxon	Common Name	Origin	Total DBH (cm)	TPZ (m)	DAB (cm)	SRZ (m)	Height (m)	Width (m)	Health	Structure	Age	ULE	Form	Arb. Value	Comments
57	<i>Acacia melanoxylon</i>	Blackwood	Indigenous	9	2	12	1.5	5	2	Fair-good	Fair-good	Juvenile	20+years	Symmetrical	Low	
58	<i>Eucalyptus ovata</i>	Swamp Gum	Indigenous	89	10.68	90	3.2	25	20	Fair-good	Fair	Mature	20+years	Symmetrical	High	
59	<i>Acacia dealbata</i>	Silver Wattle	Indigenous	12	2	16	1.5	6	4	Fair-good	Fair-good	Semi-mature	11-20years	Symmetrical	Low	
60	<i>Acacia dealbata</i>	Silver Wattle	Indigenous	32	3.84	45	2.4	12	8	Fair-poor	Fair-poor	Over-mature	1-5years	Symmetrical	Low	
61	<i>Acacia dealbata</i>	Silver Wattle	Indigenous	15	2	18	1.6	6	3	Fair	Fair	Semi-mature	6-10years	Asymmetrical	Low	
62	<i>Eucalyptus ovata</i>	Swamp Gum	Indigenous	8	2	10	1.5	7	3	Fair	Fair-poor	Juvenile	11-20years	Asymmetrical	Low	
63	<i>Eucalyptus ovata</i>	Swamp Gum	Indigenous	6	2	8	1.5	3	1	Fair	Fair	Juvenile	20+years	Asymmetrical	Low	
64	<i>Eucalyptus ovata</i>	Swamp Gum	Indigenous	58	6.96	65	2.8	18	14	Fair-good	Fair	Semi-mature	20+years	Asymmetrical	Moderate	
65	<i>Acacia dealbata</i>	Silver Wattle	Indigenous	12	2	15	1.5	6	3	Fair	Fair-good	Semi-mature	11-20years	Asymmetrical	Low	
66	<i>Acacia dealbata</i>	Silver Wattle	Indigenous	25	3	35	2.1	6	5	Fair-good	Fair-poor	Semi-mature	6-10years	Supressed	Low	Closest of three trees
67	<i>Acacia dealbata</i>	Silver Wattle	Indigenous	20	2.4	26	1.9	10	6	Fair	Fair	Semi-mature	6-10years	Symmetrical	Low	
68	<i>Acacia dealbata</i>	Silver Wattle	Indigenous	20	2.4	25	1.8	12	5	Fair-poor	Fair	Semi-mature	1-5years	Asymmetrical	Low	
69	<i>Eucalyptus ovata</i>	Swamp Gum	Indigenous	18	2.16	22	1.8	8	3	Fair-good	Fair	Semi-mature	20+years	Asymmetrical	Low	
70	<i>Eucalyptus ovata</i>	Swamp Gum	Indigenous	86	10.32	90	3.2	25	18	Fair-good	Fair-poor	Mature	20+years	Symmetrical	High	
71	<i>Exocarpos cupressiformis</i>	Cherry Ballart	Indigenous	20	2.4	25	1.8	9	5	Fair-good	Fair-good	Semi-mature	20+years	Symmetrical	Low	
72	<i>Eucalyptus ovata</i>	Swamp Gum	Indigenous	26	3.12	32	2.1	9	5	Fair-good	Fair-poor	Semi-mature	11-20years	Supressed	Low	
73	<i>Acacia melanoxylon</i>	Blackwood	Indigenous	24	2.88	27	1.9	9	4	Fair-good	Poor	Semi-mature	11-20years	Symmetrical	Low	
74	<i>Acacia dealbata</i>	Silver Wattle	Indigenous	10	2	14	1.5	7	2	Fair	Fair	Juvenile	11-20years	Asymmetrical	Low	
75	<i>Acacia dealbata</i>	Silver Wattle	Indigenous	17	2.04	22	1.8	9	4	Fair-good	Fair	Semi-mature	11-20years	Symmetrical	Low	
76	<i>Acacia dealbata</i>	Silver Wattle	Indigenous	17	2.04	19	1.6	9	3	Fair	Poor	Semi-mature	6-10years	Symmetrical	Low	
77	<i>Acacia dealbata</i>	Silver Wattle	Indigenous	20	2.4	26	1.9	9	4	Fair	Fair	Semi-mature	11-20years	Symmetrical	Low	
78	<i>Acacia dealbata</i>	Silver Wattle	Indigenous	9	2	12	1.5	8	3	Fair	Fair	Semi-mature	11-20years	Symmetrical	Low	
79	<i>Eucalyptus ovata</i>	Swamp Gum	Indigenous	20	2.4	27	1.9	12	4	Fair-good	Fair	Semi-mature	20+years	Symmetrical	Low	
80	<i>Acacia dealbata</i>	Silver Wattle	Indigenous	8	2	12	1.5	7	4	Fair-good	Fair	Semi-mature	11-20years	Asymmetrical	Low	
81	<i>Acacia dealbata</i>	Silver Wattle	Indigenous	18	2.16	22	1.8	10	5	Fair-good	Fair	Semi-mature	11-20years	Symmetrical	Low	
82	<i>Eucalyptus melliodora</i>	Yellow Box	Indigenous	8	2	10	1.5	8	3	Fair-poor	Fair	Semi-mature	6-10years	Symmetrical	Low	
83	<i>Acacia melanoxylon</i>	Blackwood	Indigenous	10	2	14	1.5	8	3	Fair	Fair	Semi-mature	11-20years	Symmetrical	Low	
84	<i>Acacia dealbata</i>	Silver Wattle	Indigenous	9	2	12	1.5	9	3	Fair	Fair	Semi-mature	11-20years	Symmetrical	Low	
85	<i>Exocarpos cupressiformis</i>	Cherry Ballart	Indigenous	28	3.36	45	2.4	10	7	Fair-good	Fair	Semi-mature	11-20years	Symmetrical	Low	
86	<i>Acacia dealbata</i>	Silver Wattle	Indigenous	20	2.4	26	1.9	8	6	Fair-good	Fair-good	Semi-mature	11-20years	Symmetrical	Low	
87	<i>Eucalyptus ovata</i>	Swamp Gum	Indigenous	67	8.04	65	2.8	16	16	Fair-good	Fair	Semi-mature	20+years	Asymmetrical	Moderate	
88	<i>Acacia dealbata</i>	Silver Wattle	Indigenous	23	2.76	34	2.1	12	5	Poor	Poor	Senescent	0	Asymmetrical	None	
89	<i>Acacia dealbata</i>	Silver Wattle	Indigenous	22	2.64	27	1.9	14	6	Fair	Fair	Semi-mature	6-10years	Asymmetrical	Low	
90	<i>Acacia dealbata</i>	Silver Wattle	Indigenous	12	2	15	1.5	6	3	Fair	Fair-poor	Semi-mature	6-10years	Asymmetrical	Low	
91	<i>Acacia dealbata</i>	Silver Wattle	Indigenous	10	2	14	1.5	9	2	Fair	Fair	Semi-mature	6-10years	Symmetrical	Low	
92	<i>Acacia dealbata</i>	Silver Wattle	Indigenous	17	2.04	27	1.9	10	4	Fair-good	Fair	Semi-mature	11-20years	Asymmetrical	Low	
93	<i>Acacia dealbata</i>	Silver Wattle	Indigenous	20	2.4	27	1.9	10	5	Fair	Fair	Semi-mature	11-20years	Symmetrical	Low	
94	<i>Eucalyptus ovata</i>	Swamp Gum	Indigenous	14	2	17	1.6	9	5	Fair	Fair	Semi-mature	11-20years	Asymmetrical	Low	
95	<i>Acacia dealbata</i>	Silver Wattle	Indigenous	14	2	18	1.6	6	3	Fair-good	Fair-poor	Semi-mature	11-20years	Asymmetrical	Low	
96	<i>Eucalyptus ovata</i>	Swamp Gum	Indigenous	7	2	9	1.5	4	1	Fair-good	Fair-poor	Juvenile	11-20years	Symmetrical	Low	
97	<i>Acacia dealbata</i>	Silver Wattle	Indigenous	7	2	9	1.5	4	2	Fair-good	Fair-good	Juvenile	11-20years	Symmetrical	Low	
98	<i>Acacia dealbata</i>	Silver Wattle	Indigenous	19	2.28	25	1.8	10	4	Fair	Fair-good	Semi-mature	11-20years	Symmetrical	Low	
99	<i>Acacia dealbata</i>	Silver Wattle	Indigenous	12	2	14	1.5	7	3	Fair-good	Fair	Semi-mature	11-20years	Asymmetrical	Low	Likely lost
100	<i>Acacia melanoxylon</i>	Blackwood	Indigenous	20	2.4	32	2.1	8	4	Fair	Fair	Semi-mature	11-20years	Asymmetrical	Low	
101	<i>Eucalyptus ovata</i>	Swamp Gum	Indigenous	30	3.6	35	2.1	5	4	Fair-good	Poor	Semi-mature	1-5years	Symmetrical	Low	Stump sprout below HV
102	<i>Eucalyptus ovata</i>	Swamp Gum	Indigenous	11	2	35	2.1	4	3	Fair-good	Poor	Semi-mature	6-10years	Symmetrical	Low	Stump sprout below HV
103	<i>Eucalyptus ovata</i>	Swamp Gum	Indigenous	10	2	25	1.8	7	3	Fair-good	Poor	Semi-mature	6-10years	Symmetrical	Low	Stump sprout below HV
104	<i>Eucalyptus obliqua</i>	Messmate	Indigenous	45	5.4	60	2.7	18	5	Fair-good	Fair-good	Semi-mature	20+years	Symmetrical	Moderate	
105	<i>Eucalyptus obliqua</i>	Messmate	Indigenous	35	4.2	42	2.3	17	5	Fair-good	Fair	Semi-mature	20+years	Symmetrical	Moderate	
106	<i>Acacia dealbata</i>	Silver Wattle	Indigenous	25	3	32	2.1	12	5	Fair	Fair	Semi-mature	6-10years	Symmetrical	Low	
107	<i>Acacia dealbata</i>	Silver Wattle	Indigenous	16	2	20	1.7	6	6	Fair-poor	Poor	Semi-mature	1-5years	Supressed	Low	
108	<i>Eucalyptus obliqua</i>	Messmate	Indigenous	26	3.12	45	2.4	7	5	Fair	Fair-poor	Semi-mature	6-10years	Lopped/topped	Low	Lopped under HV
109	<i>Acacia dealbata</i>	Silver Wattle	Indigenous	20	2.4	25	1.8	9	5	Fair-good	Fair	Semi-mature	11-20years	Asymmetrical	Low	
110	<i>Eucalyptus ovata</i>	Swamp Gum	Indigenous	22	2.64	30	2	10	5	Fair-good	Fair-good	Semi-mature	20+years	Symmetrical	Moderate	
111	<i>Acacia melanoxylon</i>	Blackwood	Indigenous	17	2.04	20	1.7	8	2	Fair-good	Fair-good	Semi-mature	20+years	Symmetrical	Low	
112	<i>Eucalyptus ovata</i>	Swamp Gum	Indigenous	14	2	18	1.6	9	2	Fair-good	Fair	Semi-mature	20+years	Symmetrical	Low	

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113	<i>Eucalyptus ovata</i>	Swamp Gum	Indigenous	20	2.4	27	1.9	9	3	Fair	Fair	Semi-mature	20+years	Symmetrical	Low	
114	<i>Acacia dealbata</i>	Silver Wattle	Indigenous	20	2.4	30	2	15	7	Fair-good	Fair	Semi-mature	11-20years	Asymmetrical	Low	
115	<i>Eucalyptus ovata</i>	Swamp Gum	Indigenous	17	2.04	22	1.8	12	3	Fair-good	Fair	Semi-mature	20+years	Symmetrical	Moderate	
116	<i>Eucalyptus ovata</i>	Swamp Gum	Indigenous	17	2.04	22	1.8	12	3	Fair-good	Fair-poor	Semi-mature	20+years	Asymmetrical	Moderate	
117	<i>Eucalyptus ovata</i>	Swamp Gum	Indigenous	27	3.24	40	2.3	14	6	Fair-good	Fair-poor	Semi-mature	20+years	Asymmetrical	Moderate	
118	<i>Eucalyptus ovata</i>	Swamp Gum	Indigenous	30	3.6	40	2.3	14	7	Fair-good	Fair	Semi-mature	20+years	Asymmetrical	Moderate	
119	<i>Eucalyptus ovata</i>	Swamp Gum	Indigenous	7	2	10	1.5	5	2	Fair	Fair	Juvenile	6-10years	Asymmetrical	Low	
120	<i>Eucalyptus melliodora</i>	Yellow Box	Indigenous	20	2.4	26	1.9	10	4	Fair	Fair	Semi-mature	20+years	Symmetrical	Moderate	
121	<i>Eucalyptus melliodora</i>	Yellow Box	Indigenous	19	2.28	26	1.9	12	4	Fair	Fair	Semi-mature	20+years	Symmetrical	Moderate	
122	<i>Eucalyptus melliodora</i>	Yellow Box	Indigenous	22	2.64	28	1.9	14	3	Fair-good	Fair	Semi-mature	20+years	Symmetrical	Moderate	
123	<i>Eucalyptus gonialyx</i>	Long-leaved Box	Indigenous	22	2.64	28	1.9	14	3	Fair-good	Fair	Semi-mature	20+years	Symmetrical	Moderate	
124	<i>Eucalyptus ovata</i>	Swamp Gum	Indigenous	20	2.4	25	1.8	12	4	Fair-good	Fair	Semi-mature	20+years	Symmetrical	Moderate	
125	<i>Exocarpos cupressiformis</i>	Cherry Ballart	Indigenous	7	2	9	1.5	4	1	Fair-good	Fair	Juvenile	20+years	Symmetrical	Low	
126	<i>Exocarpos cupressiformis</i>	Cherry Ballart	Indigenous	13	2	12	1.5	5	2	Fair-good	Fair	Semi-mature	20+years	Symmetrical	Low	
127	<i>Acacia dealbata</i>	Silver Wattle	Indigenous	7	2	9	1.5	4	1	Fair	Fair	Juvenile	11-20years	Symmetrical	Low	
128	<i>Acacia dealbata</i>	Silver Wattle	Indigenous	7	2	9	1.5	4	1	Fair	Fair	Juvenile	11-20years	Symmetrical	Low	
129	<i>Acacia dealbata</i>	Silver Wattle	Indigenous	11	2	12	1.5	4	2	Fair	Fair-poor	Juvenile	6-10years	Asymmetrical	Low	
130	<i>Acacia dealbata</i>	Silver Wattle	Indigenous	10	2	14	1.5	6	3	Fair	Fair	Semi-mature	11-20years	Asymmetrical	Low	
131	<i>Acacia dealbata</i>	Silver Wattle	Indigenous	12	2	14	1.5	7	4	Fair	Poor	Semi-mature	1-5years	Asymmetrical	Low	
132	<i>Acacia dealbata</i>	Silver Wattle	Indigenous	18	2.16	24	1.8	9	6	Fair-good	Fair-poor	Semi-mature	11-20years	Asymmetrical	Low	
133	<i>Exocarpos cupressiformis</i>	Cherry Ballart	Indigenous	20	2.4	27	1.9	10	5	Fair-good	Fair-good	Semi-mature	20+years	Symmetrical	Moderate	
134	<i>Eucalyptus melliodora</i>	Yellow Box	Indigenous	53	6.36	65	2.8	14	8	Fair-good	Fair-good	Semi-mature	20+years	Symmetrical	Moderate	
135	<i>Acacia melanoxylon</i>	Blackwood	Indigenous	11	2	14	1.5	8	2	Fair	Fair	Semi-mature	11-20years	Symmetrical	Low	
136	<i>Acacia melanoxylon</i>	Blackwood	Indigenous	12	2	14	1.5	8	3	Fair-good	Fair	Semi-mature	11-20years	Asymmetrical	Low	
137	<i>Eucalyptus ovata</i>	Swamp Gum	Indigenous	30	3.6	35	2.1	9	12	Fair-good	Poor	Semi-mature	11-20years	Suppressed	Low	Growing across alignment
138	<i>Acacia dealbata</i>	Silver Wattle	Indigenous	27	3.24	30	2	5	3	Fair	Poor	Semi-mature	1-5years	Asymmetrical	Low	
139	<i>Eucalyptus obliqua</i>	Messmate	Indigenous	75	9	90	3.2	17	7	Fair-good	Fair	Semi-mature	11-20years	Asymmetrical	Moderate	Limited crown alignment
140	<i>Eucalyptus ovata</i>	Swamp Gum	Indigenous	42	5.04	50	2.5	7	10	Fair-good	Fair-poor	Semi-mature	11-20years	Suppressed	Low	Most of crown extends across alignment
141	<i>Acacia dealbata</i>	Silver Wattle	Indigenous	5	2	6	1.5	3	1	Fair	Fair	Juvenile	6-10years	Asymmetrical	Low	Copse of 6 juvenile trees
142	<i>Eucalyptus sp.</i>	Eucalypt	Australian Native	0	2	11	1.5	5	1	Fair	Fair	Juvenile	20+years	Symmetrical	Low	
143	<i>Eucalyptus ovata</i>	Swamp Gum	Indigenous	20	2.4	26	1.9	9	2	Fair-good	Fair	Semi-mature	20+years	Symmetrical	Low	
144	<i>Acacia melanoxylon</i>	Blackwood	Indigenous	0	2	16	1.5	12	3	Fair	Fair	Semi-mature	11-20years	Symmetrical	Low	
145	<i>Acacia dealbata</i>	Silver Wattle	Indigenous	0	2	14	1.5	13	2	Fair-good	Fair	Semi-mature	20+years	Symmetrical	Low	
146	<i>Eucalyptus ovata</i>	Swamp Gum	Indigenous	0	2	9	1.5	4	1	Fair-good	Fair-good	Juvenile	20+years	Symmetrical	Low	
147	<i>Eucalyptus ovata</i>	Swamp Gum	Indigenous	0	2	16	1.5	9	2	Fair	Fair	Semi-mature	20+years	Symmetrical	Low	
148	<i>Eucalyptus ovata</i>	Swamp Gum	Indigenous	0	2.2	18	1.6	5	5	Fair-good	Poor	Semi-mature	11-20years	Suppressed	Low	
149	<i>Eucalyptus ovata</i>	Swamp Gum	Indigenous	0	2	12	1.5	7	2	Fair	Fair	Semi-mature	11-20years	Symmetrical	Low	
150	<i>Eucalyptus ovata</i>	Swamp Gum	Indigenous	0	2	14	1.5	7	2	Fair	Fair	Juvenile	20+years	Symmetrical	Low	
151	<i>Eucalyptus ovata</i>	Swamp Gum	Indigenous	0	2.3	26	1.9	16	5	Fair-good	Fair	Semi-mature	20+years	Asymmetrical	Moderate	
152	<i>Acacia melanoxylon</i>	Blackwood	Indigenous	0	2	15	1.5	8	2	Fair	Fair	Semi-mature	11-20years	Asymmetrical	Low	
153	<i>Acacia melanoxylon</i>	Blackwood	Indigenous	0	2.4	22	1.8	14	3	Fair-good	Fair	Semi-mature	20+years	Symmetrical	Moderate	
154	<i>Acacia melanoxylon</i>	Blackwood	Indigenous	0	2	10	1.5	5	2	Fair-good	Fair-good	Semi-mature	20+years	Symmetrical	Low	
155	<i>Eucalyptus obliqua</i>	Messmate	Indigenous	0	2	22	1.8	11	3	Fair	Fair	Semi-mature	11-20years	Asymmetrical	Low	
156	<i>Acacia dealbata</i>	Silver Wattle	Indigenous	0	2	11	1.5	9	4	Fair	Fair	Semi-mature	11-20years	Symmetrical	Low	
157	<i>Eucalyptus ovata</i>	Swamp Gum	Indigenous	0	4.4	45	2.4	17	4	Fair-good	Fair	Semi-mature	20+years	Symmetrical	Moderate	
158	<i>Eucalyptus ovata</i>	Swamp Gum	Indigenous	0	2.9	28	1.9	17	4	Fair	Fair	Semi-mature	11-20years	Symmetrical	Moderate	
159	<i>Eucalyptus ovata</i>	Swamp Gum	Indigenous	0	2	18	1.6	10	2	Fair-poor	Fair	Semi-mature	6-10years	Symmetrical	Low	
160	<i>Eucalyptus ovata</i>	Swamp Gum	Indigenous	0	2.6	30	2	20	7	Fair	Fair	Semi-mature	11-20years	Asymmetrical	Moderate	
161	<i>Acacia melanoxylon</i>	Blackwood	Indigenous	0	2	24	1.8	11	3	Fair-good	Poor	Semi-mature	6-10years	Asymmetrical	Low	Top broken out
162	<i>Acacia melanoxylon</i>	Blackwood	Indigenous	0	2.4	26	1.9	18	3	Fair-good	Fair	Semi-mature	11-20years	Symmetrical	Moderate	
163	<i>Eucalyptus ovata</i>	Swamp Gum	Indigenous	0	3.1	32	2.1	20	6	Fair-good	Fair	Semi-mature	20+years	Symmetrical	Moderate	
164	<i>Acacia melanoxylon</i>	Blackwood	Indigenous	0	2	12	1.5	7	2	Fair	Fair	Semi-mature	11-20years	Symmetrical	Low	
165	<i>Acacia dealbata</i>	Silver Wattle	Indigenous	0	2	13	1.5	9	5	Fair	Fair-poor	Semi-mature	6-10years	Suppressed	Low	
166	<i>Acacia melanoxylon</i>	Blackwood	Indigenous	0	2	12	1.5	6	1	Fair	Fair	Semi-mature	6-10years	Symmetrical	Low	
167	<i>Acacia melanoxylon</i>	Blackwood	Indigenous	0	2	12	1.5	5	1	Fair-poor	Fair	Semi-mature	6-10years	Symmetrical	Low	

ID	Taxon	Common Name	Origin	Total DBH (cm)	TPZ (m)	DAB (cm)	SRZ (m)	Height (m)	Width (m)	Health	Structure	Age	ULE	Form	Arb. Value	Comments
169	<i>Acacia melanoxylon</i>	Blackwood	Indigenous	0	2.7	35	2.1	11	3	Fair	Fair	Semi-mature	11-20years	Symmetrical	Moderate	Slightly up embankment
170	<i>Eucalyptus ovata</i>	Swamp Gum	Indigenous	0	3.6	40	2.3	16	5	Fair-good	Fair	Semi-mature	20+years	Symmetrical	Moderate	
171	<i>Eucalyptus obliqua</i>	Messmate	Indigenous	0	2	15	1.5	10	2	Fair	Fair	Semi-mature	20+years	Symmetrical	Low	
172	<i>Eucalyptus obliqua</i>	Messmate	Indigenous	0	5.4	58	2.6	19	9	Fair-good	Fair	Semi-mature	20+years	Symmetrical	Moderate	
173	<i>Eucalyptus ovata</i>	Swamp Gum	Indigenous	0	2	11	1.5	7	2	Fair-poor	Fair	Juvenile	6-10years	Symmetrical	Low	
174	<i>Eucalyptus ovata</i>	Swamp Gum	Indigenous	0	3.2	37	2.2	17	5	Fair-good	Fair-good	Semi-mature	20+years	Symmetrical	Moderate	
175	<i>Eucalyptus ovata</i>	Swamp Gum	Indigenous	0	3.6	38	2.2	20	6	Fair-good	Fair	Semi-mature	20+years	Symmetrical	Moderate	
176	<i>Eucalyptus ovata</i>	Swamp Gum	Indigenous	0	4.8	48	2.4	20	6	Fair-good	Fair	Semi-mature	20+years	Symmetrical	Moderate	
177	<i>Eucalyptus ovata</i>	Swamp Gum	Indigenous	0	2	7	1.5	5	1	Fair	Fair	Juvenile	20+years	Asymmetrical	Low	
178	<i>Acacia mearnsii</i>	Black Wattle	Indigenous	0	4.3	45	2.4	17	6	Fair-good	Fair-good	Semi-mature	20+years	Symmetrical	Moderate	
179	<i>Eucalyptus ovata</i>	Swamp Gum	Indigenous	0	2	12	1.5	8	4	Fair-good	Poor	Semi-mature	11-20years	Suppressed	Low	Arches out over pipe track
180	<i>Eucalyptus ovata</i>	Swamp Gum	Indigenous	0	2	20	1.7	10	2	Fair-good	Fair	Semi-mature	20+years	Symmetrical	Low	
181	<i>Acacia dealbata</i>	Silver Wattle	Indigenous	0	4.1	40	2.3	16	9	Fair-good	Fair	Semi-mature	11-20years	Symmetrical	Low	
182	<i>Acacia dealbata</i>	Silver Wattle	Indigenous	0	2	16	1.5	7	4	Fair-good	Fair	Semi-mature	20+years	Asymmetrical	Low	
183	<i>Acacia dealbata</i>	Silver Wattle	Indigenous	0	2.9	30	2	15	7	Fair-good	Fair-good	Semi-mature	20+years	Symmetrical	Low	
184	<i>Eucalyptus ovata</i>	Swamp Gum	Indigenous	0	3.2	35	2.1	17	7	Fair-good	Fair-good	Semi-mature	20+years	Asymmetrical	Moderate	
185	<i>Acacia melanoxylon</i>	Blackwood	Indigenous	0	2	13	1.5	8	3	Fair-good	Fair-good	Semi-mature	20+years	Symmetrical	Moderate	
186	<i>Acacia melanoxylon</i>	Blackwood	Indigenous	0	2	13	1.5	8	3	Fair-good	Fair-good	Semi-mature	20+years	Symmetrical	Moderate	
187	<i>Acacia melanoxylon</i>	Blackwood	Indigenous	0	2.3	21	1.7	8	5	Fair-good	Fair	Semi-mature	20+years	Symmetrical	Moderate	
188	<i>Acacia melanoxylon</i>	Blackwood	Indigenous	0	3.6	40	2.3	19	6	Fair	Fair	Semi-mature	11-20years	Symmetrical	Moderate	Halfway up embankment
189	<i>Acacia dealbata</i>	Silver Wattle	Indigenous	0	2	6	1.5	3	1	Fair	Fair	Juvenile	11-20years	Symmetrical	Low	Seedling regrowth
190	<i>Acacia dealbata</i>	Silver Wattle	Indigenous	0	2	6	1.5	3	1	Fair	Fair	Juvenile	11-20years	Symmetrical	Low	Seedling regrowth
191	<i>Acacia dealbata</i>	Silver Wattle	Indigenous	0	2	6	1.5	3	1	Fair	Fair	Juvenile	11-20years	Symmetrical	Low	Seedling regrowth
192	<i>Acacia dealbata</i>	Silver Wattle	Indigenous	0	2	6	1.5	3	1	Fair	Fair	Juvenile	11-20years	Symmetrical	Low	Seedling regrowth
193	<i>Acacia dealbata</i>	Silver Wattle	Indigenous	0	2	6	1.5	3	1	Fair	Fair	Juvenile	11-20years	Symmetrical	Low	Seedling regrowth
194	<i>Acacia dealbata</i>	Silver Wattle	Indigenous	0	2	6	1.5	3	1	Fair	Fair	Juvenile	11-20years	Symmetrical	Low	Seedling regrowth
195	<i>Acacia dealbata</i>	Silver Wattle	Indigenous	0	2	6	1.5	3	1	Fair	Fair	Juvenile	11-20years	Symmetrical	Low	Seedling regrowth
196	<i>Eucalyptus ovata</i>	Swamp Gum	Indigenous	0	2	8	1.5	3	1	Fair	Fair	Juvenile	11-20years	Asymmetrical	Low	Remove for powerline
197	<i>Eucalyptus ovata</i>	Swamp Gum	Indigenous	0	2	8	1.5	3	1	Fair	Fair	Juvenile	11-20years	Asymmetrical	Low	
198	<i>Acacia dealbata</i>	Silver Wattle	Indigenous	0	2	6	1.5	3	1	Fair	Fair	Juvenile	11-20years	Asymmetrical	Low	
199	<i>Acacia dealbata</i>	Silver Wattle	Indigenous	0	2	6	1.5	5	1	Fair	Fair	Juvenile	11-20years	Asymmetrical	Low	
200	<i>Acacia dealbata</i>	Silver Wattle	Indigenous	0	2	6	1.5	3	1	Fair	Fair	Juvenile	11-20years	Asymmetrical	Low	
201	<i>Acacia melanoxylon</i>	Blackwood	Indigenous	0	2	17	1.5	3	1	Fair	Fair	Juvenile	11-20years	Asymmetrical	Low	
202	<i>Eucalyptus ovata</i>	Swamp Gum	Indigenous	0	5.52	55	2.6	5	15	Fair-poor	Poor	Semi-mature	6-10years	Suppressed	Low	Lop. Grows from adjacent land over powerline alignment
203	<i>Eucalyptus ovata</i>	Swamp Gum	Indigenous	0	2.88	29	2	12	9	Fair	Poor	Semi-mature	6-10years	Suppressed	Low	Lop. Grows out over alignment from adjacent title
204	<i>Eucalyptus ovata</i>	Swamp Gum	Indigenous	0	2.16	22	1.8	8	4	Fair	Fair-poor	Semi-mature	20+years	Lopped/topped	Low	Already lopped for existing powerline
205	<i>Eucalyptus ovata</i>	Swamp Gum	Indigenous	0	2	10	1.5	8	2	Fair	Fair	Juvenile	20+years	Symmetrical	Low	

5.0 DESCRIPTORS

Taxon: Botanical name of tree.

Common Name: Accepted common name of taxon

Sources for Taxon and Common Names:

Flora of Victoria online (<https://vicflora.rbg.vic.gov.au/>)

Horticultural Flora of South Eastern Australia (Vols. 1-5)

Origin:

Indigenous	Naturally occurring taxon within locale. Considered Native under planning scheme provisions
Victoria	Naturally occurring taxon within Victoria. Considered Native under planning scheme provisions
Australia	Australian native. Occurs naturally within Australia, but outside Victoria.
Exotic.	Introduced taxon to Australia.

DBH: Diameter at breast height (1.4m), in centimetres.

DAB: Diameter of trunk immediately above root buttress, in centimetres.

Height: Height of tree, in metres.

Width: Estimated width of tree, in metres.

AS TPZ: Tree Protection Zone calculated in accordance with AS4970-2009 *Protection of Trees on Development Sites*.

AS SRZ: Structural Root Zone calculated in accordance with AS4970-2009 *Protection of Trees on Development Sites*.

WH TPZ: Tree Protection Zone calculated in accordance with City of Whittlesea *Standard Detail SDL.2.01 – Tree Protection Zone*

Form Shape of tree crown

Age

Juvenile: Young, recently planted tree.

Semi-mature: Tree is developing and established.

Mature: Specimen has reached expected size in current situation, limited extension growth.

Over-mature: Specimen entering stage of decline, declining health.

Senescent Tree is in advancing decline.

Health

Good: Optimal vigour for this taxon. Crown full with good density, foliage entire, with good colour, minimal or no pathogen damage. Good growth indicators, e.g. extension growth. No or minimal canopy dieback. Good wound-wood and callus formation.

Fair: Tree is exhibiting one or more of the following:

Tree has <30% deadwood. Or can have minor canopy dieback. Foliage generally with good colour, some discolouration may

be present, minor pathogen damage present. Typical growth indicators, e.g. extension growth, leaf size, canopy density for species in location may be slightly abnormal.

Poor: Tree has >30% deadwood. Canopy dieback present. Discoloured or distorted leaves and/or excessive epicormic re-growth. Pathogen is present and/or stress symptoms that could lead to or are contributing to the decline of tree.

Dead: Tree is dead.

Structure

Good: Optimal structure for this taxon. Sound branch attachment and/or no minor structural defects. Trunk and scaffold branches sound or only minor damage. Good trunk and scaffold branch taper. No branch over extension. No damage to structural roots, good buttressing present. No obvious root pests or diseases.

Fair: Some minor structural defects and/or minimal damage to trunk. Bark missing. Cavities could be present. Minimal or no damage to structural roots. Typical structure for species.

Poor: Major structural defects and/or trunk damaged and/or missing bark. Large cavities and/or girdling or damaged roots that are problematic.

Useful Life Expectancy (ULE)

The length of time a tree can be maintained as a useful amenity specimen. Contingent on a number of factors including expected life-span of the taxon, health and structure, pest and diseases, weed status.

Arboricultural Value

None A tree in irreversible decline.

Self-sown environmental weed. Declared noxious weed.

Low Small tree of little contribution to the landscape. Tree with limited useful life expectancy (< 10 years) due to compromised health and/or structure.

Moderate Developing tree yet to achieve fully mature proportions but contributes to the immediate landscape and with a long, potential useful life expectancy of more than 20 years.

Mature and over-mature specimens with reduced health and/or structural ratings that limit the useful life expectancy to less than 20 years.

High A well-established semi-mature, mature or over-mature tree with a strong contribution to the landscape, in overall fair-good condition, with a useful life expectancy of more than 20 years.

Very High A notable example of a taxon for cultural heritage or environmental values, potentially individually protected under a planning scheme control, significant tree or heritage register.

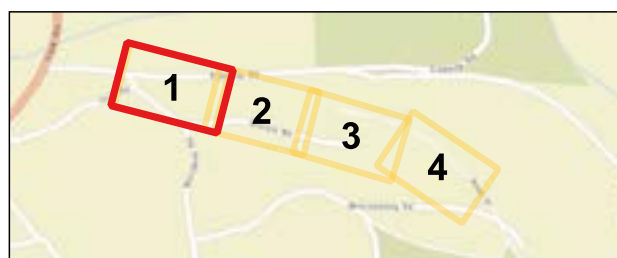
6.0 TREE LOCATION PLANS



Tree assessment summary:
 To be removed 66
 To be lopped 4
 To be retained with mitigation 16
 Minor encroachment / no impact 119

MT EVELYN WATER TREATMENT PLANT
TREE LOCATION PLAN 1 - 4

13.09.2023



Trees

- Remove - civil works
- Remove - power
- Lop - power
- Retain with mitigation
- High
- Moderate
- Low
- None
- Structural root zone (SRZ)
- Tree protection zone (TPZ)

Legend

- Road
- Cut
- Batter
- Water Treatment Plant
- Flow meter
- Fence
- Temporary construction
- Sample Point
- Dosing Shed
- New Power alignment
- Construction footprint
- Power pole
- Power Line Easement
- Site Boundary



Tree assessment summary:
 To be removed 66
 To be lopped 4
 To be retained with mitigation 16
 Minor encroachment / no impact 119

MT EVELYN WATER TREATMENT PLANT
TREE LOCATION PLAN 2 - 4

13.09.2023



Trees

- Remove - civil works
- Remove - power
- Lop - power
- Retain with mitigation
- High
- Moderate
- Low
- None
- Structural root zone (SRZ)
- Tree protection zone (TPZ)

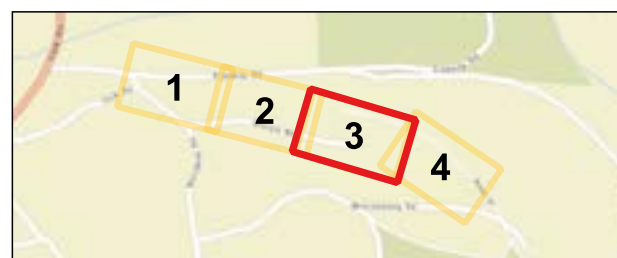
Legend

- Road
- Cut
- Batter
- Water Treatment Plant
- Flow meter
- Fence
- Temporary construction
- Sample Point
- Dosing Shed
- New Power alignment
- Construction footprint
- Power pole
- Power Line Easement
- Site Boundary



MT EVELYN WATER TREATMENT PLANT
TREE LOCATION PLAN 3 - 4

13.09.2023

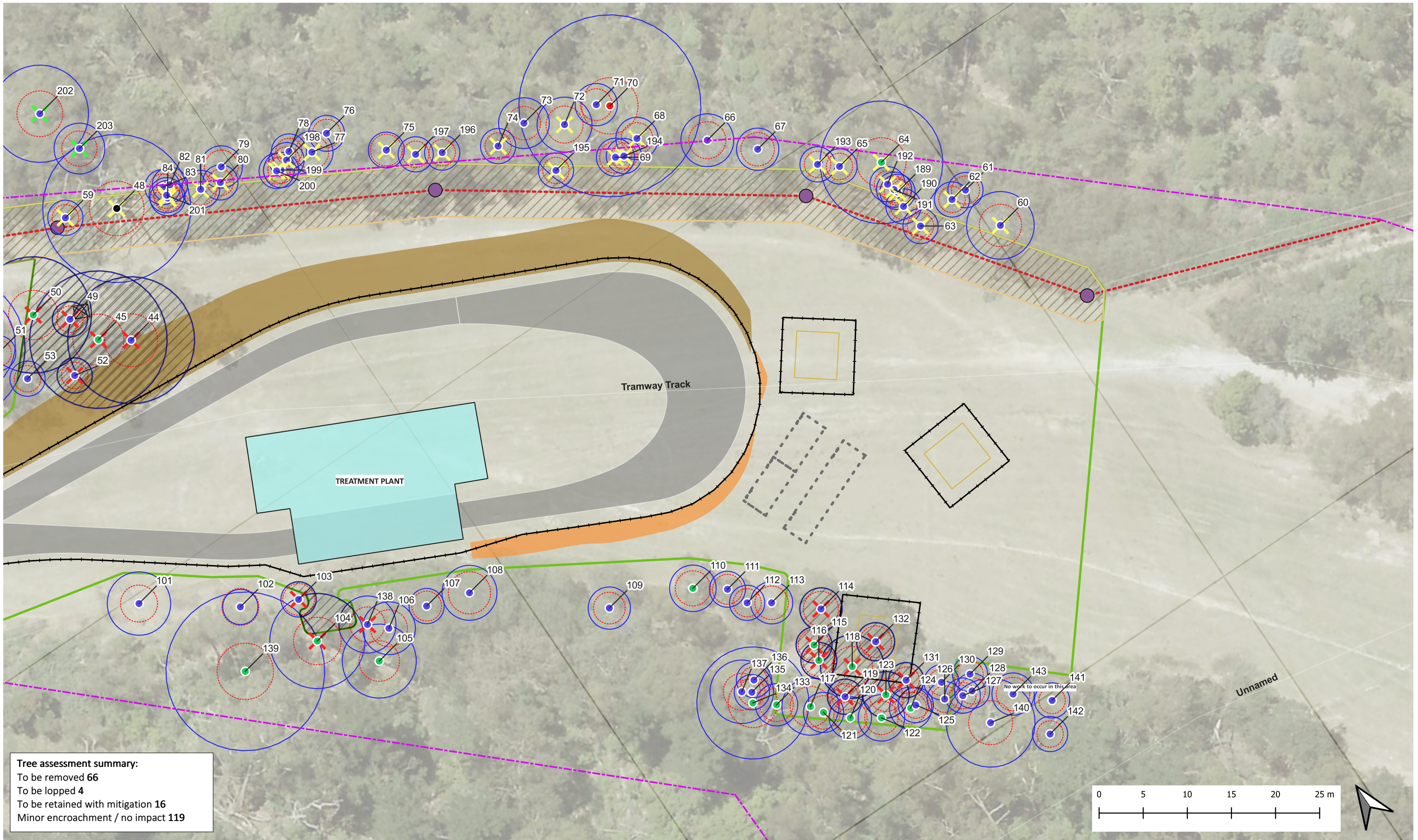


Trees

- Remove - civil works
- Remove - power
- Lop - power
- Retain with mitigation
- High
- Moderate
- Low
- None
- Structural root zone (SRZ)
- Tree protection zone (TPZ)

Legend

- Road
- Cut
- Batter
- Water Treatment Plant
- Flow meter
- Fence
- Temporary construction
- Sample Point
- Dosing Shed
- New Power alignment
- Construction footprint
- Power pole
- Power Line Easement
- Site Boundary



MT EVELYN WATER TREATMENT PLANT
TREE LOCATION PLAN 4 - 4

13.09.2023



Trees

- Remove - civil works
- Remove - power
- Lop - power
- Retain with mitigation
- High
- Moderate
- Low
- None
- Structural root zone (SRZ)
- Tree protection zone (TPZ)

Legend

- Road
- Cut
- Batter
- Water Treatment Plant
- Flow meter
- Fence
- Temporary construction
- Sample Point
- Dosing Shed
- New Power alignment
- Construction footprint
- Power pole
- Power Line Easement
- Site Boundary

7.0 REFERENCES

ⁱ Department of Environment, Land, Water and Planning (DELWP). *Guidelines for the removal, destruction or lopping of native vegetation*. December 2017. P. 6