YASS VALLEY COUNCIL

ARBORIST REPORT – 110 Rossi Street YASS

MICHAEL REEVES LANDSCAPE ARCHITECT

23 May 2025

Author Qualifications

I am Michael David REEVES, MMAMP Pty Ltd trading as Michael Reeves Landscape Architects, 35 Darke Street TORRENS ACT 2607.

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I am the Principal of Michael Reeves Landscape Architect. Michael Reeves Landscape Architect is a firm specialising in the provision of professional arborist and landscape architect related services.

I have prepared this Arborist Report.

I have worked in Canberra and New South Wales in private practice and landscape construction as a professional Registered Landscape Architect and consultant arborist for forty years.

I am a Fellow Member of the Australian Institute of Landscape Architects. I have been a Registered Landscape Architect #486 since January 7, 1990.

As Principal of Michael Reeves Landscape Architect, I am responsible for and authorise release of arborist and landscape architecture reports and services.

Any opinions expressed by me in this Arborist Report are my own opinions. They have not been prescribed or prepared by any other person.

Application

Yass Valley Council requested an arborist inspection of a Melia azedarach (White Cedar) on the Rossi Street nature strip adjacent to 110 Rossi Street, Yass.

Tree Description / Inspection

The site is the grassed nature strip of Rossi Street Yass.

The tree is located adjacent to 110 Rossi Street.

The tree is a Melia azedarach (White Cedar). 6m Height and Crown Spread of 12m and Diameter Breast Height of 1.0m.

Tree has experienced continual pruning to remove the tree canopy from adjacent to the power line conductors. The tree is adjacent to the power pole (3m).

The tree is mature with overextended branch structure.

The tree species at maturity can expect a height of 20m. This places the tree in continual conflict with the power supply and necessitates continual pruning.

This tree species is not appropriate for this location.

The elongated and overextended main branches of this tree and the potential for splitting at the attachments on the trunk base contribute to the MODERATE risk assessment for this tree.

The likelihood of failure is probable. Recommendation is for removal at the earliest opportunity and replacement with a tree species appropriate for the location and powerline constraints.

Should you require further information, or clarification of any of this report, please call me.

Regards

Michael Reeves

Registered Landscape Architect #486

FRLA AILA

QUALITY ASSURANCE

Contact information

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Quality assurance information

Report title: Arborist Report – 110 Rossi Street Yass

Date: 23 May 2025

Prepared by: Michael Reeves

Issue history

Issue Number	Issue Date	Details	Authorised
1	23 May 2025	Report	Mr

ISA Basic Tree Risk Assessment Form

Client Yass Valley Council Date 23/5/2025 Time 10.30am

Address/Tree location 110 Rossi street Yass Tree no. 1 Sheet 1 of 1

Tree species Melia azederach. dbh 1.0 Height 6m Crown spread dia. 12m

Assessor(s) Michael Reeves Time frame 1 Tools used —

Target Assessment

Target number	Target description	Target zone: Target within drip line	Target zone: Target within 1 x Ht.	Target zone: Target within 1.5 x Ht.	Occupancy rate (1 – rare, 2 – occasional, 3 – frequent, 4 – constant)	Practical to move target?	Restriction practical?
1	Adjacent powerpole	✓	✓	✓	4	N	N
2	Footpath under canopy	✓	✓	✓	2	N	N
3	Road adjacent	✓	✓	✓	2	N	N
4							

Site Factors

History of failures — Topography Flat ☐ Slope ☑ 30 % Aspect N

Site changes None ☑ Grade change ☐ Site clearing ☐ Changed soil hydrology ☐ Root cuts ☐ Describe Existing street tree

Soil conditions Limited volume ☐ Saturated ☐ Shallow ☐ Compacted ☐ Pavement over roots ☑ 60 % Describe street tree

Prevailing wind direction NW Common weather Strong winds ☐ Ice ☐ Snow ☐ Heavy rain ☐ Describe Yass, NSW

Tree Health and Species Profile

Vigor Low ☐ Normal ☑ High ☐ Foliage None (seasonal) ☐ None (dead) ☐ Normal 100 % Chlorotic ____ % Necrotic ____ %

Pests — Abiotic —

Species failure profile Branches ☐ Trunk ☐ Roots ☐ Describe —

Load Factors

Wind exposure Protected ☐ Partial ☐ Full ☑ Wind funneling ☐ Relative crown size Small ☑ Medium ☐ Large ☐

Crown density Sparse ☐ Normal ☑ Dense ☐ Interior branches Few ☐ Normal ☑ Dense ☐ Vines/Mistletoe/Moss ☐ —

Recent or planned change in load factors —

Tree Defects and Conditions Affecting the Likelihood of Failure

— Crown and Branches —

Unbalanced crown ☑ LCR ____ %

Dead twigs/branches ☐ ____ % overall Max. dia. ____

Broken/Hangers Number ____ Max. dia. ____

Over-extended branches ☑

Pruning history

Crown cleaned ☐ Thinned ☐ Raised ☐

Reduced ☐ Topped ☑ Lion-tailed ☐

Flush cuts ☐ Other ____

Cracks ☐ ____ Lightning damage ☐

Codominant ☑ ____ Included bark ☑

Weak attachments ☐ ____ Cavity/Nest hole ____ % circ.

Previous branch failures ☐ ____ Similar branches present ☐

Dead/Missing bark ☐ Cankers/Galls/Burls ☐ Sapwood damage/decay ☐

Conks ☐ Heartwood decay ☐ ____

Response growth ____

Main concern(s) Canopy removed for power lines. Overextended branches

Load on defect N/A ☐ Minor ☐ Moderate ☐ Significant ☑

Likelihood of failure Improbable ☐ Possible ☐ Probable ☑ Imminent ☐

— Trunk —

Dead/Missing bark ☐ Abnormal bark texture/color ☐

Codominant stems ☑ Included bark ☐ Cracks ☐

Sapwood damage/decay ☐ Cankers/Galls/Burls ☐ Sap ooze ☐

Lightning damage ☐ Heartwood decay ☐ Conks/Mushrooms ☐

Cavity/Nest hole ____ % circ. Depth ____ Poor taper ☐

Lean ____ ° Corrected? ____

Response growth ____

Main concern(s) Overextended branches

Load on defect N/A ☐ Minor ☐ Moderate ☐ Significant ☑

Likelihood of failure

Improbable ☐ Possible ☐ Probable ☑ Imminent ☐

— Roots and Root Collar —

Collar buried/Not visible ☐ Depth ____ Stem girdling ☐

Dead ☐ Decay ☐ Conks/Mushrooms ☐

Ooze ☐ Cavity ☐ ____ % circ.

Cracks ☐ Cut/Damaged roots ☐ Distance from trunk ____

Root plate lifting ☐ Soil weakness ☐

Response growth ____

Main concern(s) N/A

Load on defect N/A ☑ Minor ☐ Moderate ☐ Significant ☐

Likelihood of failure

Improbable ☐ Possible ☐ Probable ☐ Imminent ☐

Risk Categorization

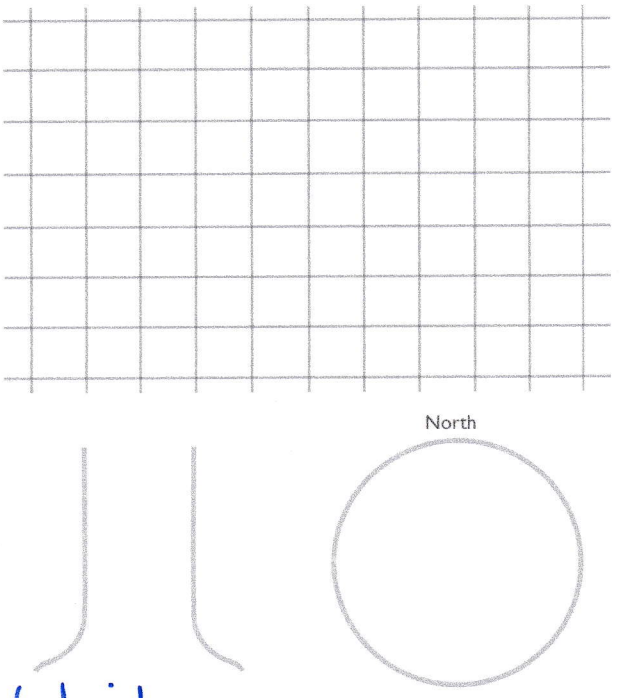
Condition number	Tree part	Conditions of concern	Part size	Fall distance	Target number	Target protection	Likelihood: Failure: Improbable	Failure: Possible	Failure: Probable	Failure: Imminent	Impact: Very low	Impact: Low	Impact: Medium	Impact: High	Failure & Impact (from Matrix 1): Unlikely	Somewhat	Likely	Very likely	Consequences: Negligible	Minor	Significant	Severe	Risk rating of part (from Matrix 2)
1	Canopy	Proximity to Pole	L	3m		NIL			✓					✓				✓		✓			MOD
2	Canopy	Overhead Lines							✓					✓				✓		✓			MOD
3	Canopy	Pedestrians on Footpath						✓				✓			✓						✓		LOW
4	Canopy	Parked Cars.							✓					✓			✓				✓		High

Matrix 1. Likelihood matrix.

Likelihood of Failure	Likelihood of Impacting Target			
	Very low	Low	Medium	High
Imminent	Unlikely	Somewhat likely	Likely	Very likely
Probable	Unlikely	Unlikely	Somewhat likely	Likely
Possible	Unlikely	Unlikely	Unlikely	Somewhat likely
Improbable	Unlikely	Unlikely	Unlikely	Unlikely

Matrix 2. Risk rating matrix.

Likelihood of Failure & Impact	Consequences of Failure			
	Negligible	Minor	Significant	Severe
Very likely	Low	Moderate	High	Extreme
Likely	Low	Moderate	High	High
Somewhat likely	Low	Low	Moderate	Moderate
Unlikely	Low	Low	Low	Low



Notes, explanations, descriptions Street tree with centre of canopy removed for OH power lines. Tree is 3m from pole + transformer. Overextended branches.

Mitigation options None. Removal in favour of electrical infrastructure recommended

Residual risk _____

Residual risk _____

Residual risk _____

Residual risk _____

Overall tree risk rating Low ☐ Moderate ☑ High ☐ Extreme ☐ **Work priority** 1 ☐ 2 ☐ 3 ☐ 4 ☐

Overall residual risk Low ☐ Moderate ☑ High ☐ Extreme ☐ **Recommended inspection interval** _____

Data ☑ Final ☐ Preliminary **Advanced assessment needed** ☑ No ☐ Yes-Type/Reason _____

Inspection limitations ☑ None ☐ Visibility ☐ Access ☐ Vines ☐ Root collar buried Describe _____