



TREES PLUS NW

PRO TREE CARE

May 09, 2024

To Whom It May Concern:

The tree assessment was completed on 03/27/24. I'm attaching the original TRAQ report.

The tree has sustained damage from previously being hit with heavy equipment or vehicle impact. There is clear evidence of damage in the trunk of the tree it has dead or missing bark and cracks. Due to the damage, there are areas of decay as well.

It is my professional opinion that this tree to be removed to eliminate potential damage or hazards.

Please let me know if you have any questions.

Sincerely,

Leonel Cervantes Meraz.

ISA Certified Arborist PN-9335A TRAQ.

971-600-4389

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Basic Tree Risk Assessment Form

Client Aldo Quintanilla

Address/Tree location 2605 Laurel Ave NE, Salem OR 97305

Date 3/27/2024

Time 10:45 AM

Tree species Black Walnut

Tree no. _____

Sheet 1 of 2

dbh 33"

Height 73'

Crown spread dia. 45"

Assessor(s) Leo C. ISA-Certified Arborist (PN-9335A) | TRAQ Qualified

Tools used D-Tape, Range-Finder, Mallet, Prove, Cultivator

Time frame 1-Year

Target Assessment

Target number	Target description	Target protection	Target zone			Occupancy rate 1-rare 2-occasional 3-frequent 4-constant	Practical to move target?	Restriction practical?
			Target within drip line	Target within 1x Ht.	Target within 1.5x Ht.			
1	Powerlines / Infrastructure	None	✓			4	No	
2	House to the West	None		✓		4	No	
3	House to the North	None		✓		4	No	
4	House's Ocupants / Pedestrians	Some		✓		4	No	

Site Factors

History of failures Other trees in the area have failed

Topography Flat ☒ Slope ☐ _____ % Aspect _____

Site changes None ☐ Grade change ☒ Site clearing ☐ Changed soil hydrology ☐ Root cuts ☐ Describe _____ Development _____

Soil conditions Limited volume ☐ Saturated ☐ Shallow ☐ Compacted ☒ Pavement over roots ☒ 40 % Describe tree 2-3' from alley / vehicular traffic

Prevailing wind direction N / NW Common weather Strong winds ☒ Ice ☐ Snow ☐ Heavy rain ☒ Describe _____

Tree Health and Species Profile

Vigor Low ☐ Normal ☒ High ☐

Foliage None (seasonal) ☒

None (dead) ☐ Normal _____ %

Chlorotic _____ %

Necrotic _____ %

Pests/Biotic Rot spots _____

Abiotic Heavy Equipment Damage ☒

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 expected change in load factors Fruiting / Seasonal

Tree Defects and Conditions Affecting the Likelihood of Failure

— Crown and Branches —

Unbalanced crown ☐

LCR 80 %

Dead twigs/branches ☒ 2 % overall

Max. dia. 6"

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 _____

Condition(s) of concern _____

Part Size Dead Limbs

Fall Distance 10'

Load on defect

N/A ☐

Minor ☐

Moderate ☒

Significant ☐

Likelihood of failure

Improbable ☐

Possible ☐

Probable ☒

Imminent ☐

Part Size Co-Dominant Limb

Fall Distance 25'

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 1 % circ.

Depth 2"

Poor taper ☒

Lean _____ °

Corrected? _____

Response growth _____

Condition(s) of concern Tree Failure

Part Size 33"

Fall Distance 80'

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 _____

Condition(s) of concern _____

Part Size _____

Fall Distance _____

Load on defect

N/A ☐

Minor ☐

Moderate ☐

Significant ☐

Likelihood of failure

Improbable ☐

Possible ☐

Probable ☐

Imminent ☐

Risk Categorization

Target (Target number or description)	Tree part	Condition(s) of concern	Likelihood												Consequences				Risk rating (from Matrix 2)
			Failure				Impact				Failure & Impact (from Matrix 1)								
			Improbable	Possible	Probable	Imminent	Very low	Low	Medium	High	Unlikely	Somewhat	Likely	Very likely	Negligible	Minor	Significant	Severe	
1	- Limbs - Whole tree	Limb/tree failure			●			●			●					●		Moderate	
				●			●		●						●		High		
2	- Whole tree	Limb/tree failure		●					●		●					●		Moderate	
3	- Whole tree	Limb/tree failure		●					●		●					●		Moderate	
4	- Limbs - Wole tree	Limb/tree failure		●					●		●						●	Moderate	
				●				●			●					●	High		

Matrix 1. Likelihood matrix.

Likelihood of Failure	Likelihood of Impact			
	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

The tree named above poses a high threat to infrastructure as well as residents and pedestrians. Based on my onsite tree assessment, visual observations, and site factors; It is my professional opinion for this tree to be removed to eliminate potential hazards or damage.

Mitigation options

1. Tree Removal

2. Pruning: Size reduction, crown cleaning, reduction

3.

4.

Residual risk None

Residual risk some

Residual risk

Residual risk

Overall tree risk rating

Low ☐ Moderate ☐ High ☒ Extreme ☐

Overall residual risk

None ☒ Low ☐ Moderate ☐ High ☐ Extreme ☐

Recommended inspection interval 1-Year

Data ☒ Final ☐ Preliminary Advanced assessment needed ☒ No ☐ Yes-Type/Reason

Inspection limitations ☐ None ☐ Visibility ☐ Access ☐ Vines ☒ Root collar buried Describe

