



Basic Tree Risk Assessment Form

Client Gordon Jackson Date 3/27/2025 Time 1pm
 Address/Tree location 1205 Hillendale Dr. SE Tree no. _____ Sheet _____ of _____
 Tree species Deodar cedar dbh 35" Height 70' Crown spread dia. 32'
 Assessor(s) Tim Jones Tools used Phone, Clinometer, Tape 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 1 x Ht.	Target within 1.5 x Ht.			
1	<u>Utility lines</u>	<u>None</u>	<u>X</u>			<u>4</u>	<u>N</u>	<u>N</u>
2								
3								
4								

Site Factors

History of failures _____ Topography Flat ☒ Slope ☐ _____ % Aspect _____
 Site changes None ☒ Grade change ☐ Site clearing ☐ Changed soil hydrology ☐ Root cuts ☐ Describe _____
 Soil conditions Limited volume ☐ Saturated ☐ Shallow ☐ Compacted ☐ Pavement over roots ☐ _____ % Describe Normal
 Prevailing wind direction NE Common weather Strong winds ☒ Ice ☐ Snow ☐ Heavy rain ☒ Describe Valley conditions

Tree Health and Species Profile

Vigor Low ☐ Normal ☒ High ☐ Foliage None (seasonal) ☐ None (dead) ☐ Normal 95 % Chlorotic _____ % Necrotic _____ %
 Pests/Biotic _____ Abiotic Utility clearance hacked
 Species failure profile Branches ☒ Trunk ☐ Roots ☐ Describe Known for limb loss in adverse weather

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 Over pruned

Tree Defects and Conditions Affecting the Likelihood of Failure

— Crown and Branches —

Unbalanced crown ☒ LCR 50 %
 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 _____
over pruned by utility company Condition(s) of concern _____

Part Size 4" Fall Distance 30'
 Load on defect N/A ☐ Minor ☐ Moderate ☒ Significant ☐
 Likelihood of failure Improbable ☐ Possible ☒ Probable ☐ Imminent ☐
 Part Size _____ Fall Distance _____
 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 _____
 Condition(s) of concern _____
 Part Size _____ Fall Distance _____
 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 ☐

[illegible]

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

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

- Tree in inappropriate place interfering with utilities
- Tree one sided & over pruned

1. <u>Remove & Stamp ground</u>	Residual risk	<u>None</u>
2. _____	Residual risk	_____
3. _____	Residual risk	_____
4. _____	Residual risk	_____

Overall residual risk None ☒ Low ☐ Moderate ☐ High ☐ Extreme ☐

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