



Basic Tree Risk Assessment Form

Client Brian Mayle Date Oct 25/25 Time 2:30
 Address/Tree location 18 Della St - Georgina Tree no. 1 Sheet 1 of 1
 Tree species Silver Maple dbh 30cm Height 45m Crown spread dia. 30m
 Assessor(s) John White JAW Tools used Binoculars/Zoom Camera Time frame 1 yr.

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	<u>House</u>	<u>None</u>	<input checked="" type="checkbox"/>			<u>4</u>	<u>NO</u>	<u>NO</u>
2	<u>Patio / People</u>	<u>None</u>	<input checked="" type="checkbox"/>			<u>3</u>	<u>NO</u>	<u>NO</u>
3								
4								

Site Factors

History of failures Recent limb failure 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

Prevailing wind direction W Common weather Strong winds Ice Snow Heavy rain Describe lake Simcoe weather

Tree Health and Species Profile

Vigor Low Normal High Foliage None (seasonal) None (dead) Normal 10 % Chlorotic % Necrotic %

Pests/Biotic None observed Abiotic

Species failure profile Branches Trunk Roots Describe Recent past failure

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 Ice/snow/wind

Tree Defects and Conditions Affecting the Likelihood of Failure

— Crown and Branches —

Unbalanced crown LCR 60 %
 Dead twigs/branches 10 % overall Max. dia. 35cm
 Broken/Hangers Number Max. dia.
 Over-extended branches
 Pruning history
 Crown cleaned Thinned Raised
 Reduced Topped Lion-tailed
 Flush cuts Other
 Cracks yes/at main union Lightning damage
 Codominant Included bark
 Weak attachments yes Cavity/Nest hole % circ.
 Previous branch failures Similar branches present
 Dead/Missing bark Cankers/Galls/Burls Sapwood damage/decay
 Conks Heartwood decay possible / Age / species
 Response growth *Went through insurance

Condition(s) of concern Recently sawed \$15,000 claim
Large limb landed on house

Part Size 32cm Branch Fall Distance 35-40m Part Size 30cm Fall Distance 25m

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

Likelihood of failure Improbable Possible Probable Imminent 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 Main stem appears solid

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 No issue

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)			Negligible	Minor	Significant	Severe			
			Improbable	Possible	Probable	Imminent	Very low	Low	Medium	High	Unlikely	Somewhat	Likely						Very likely	
House	Branch Approx. 35cm	Obvious crack large limb, weak			✓							✓							✓	High
Patio	"	branch union "			✓				✓				✓						✓	Mod

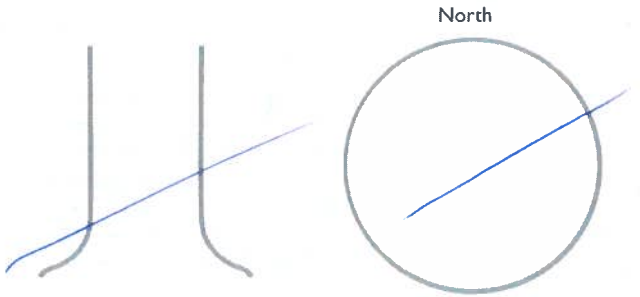
Matrix 1. Likelihood matrix.

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

Large silver maple limb has an obvious vertical crack at main union.

Mitigation options

1. _____ Residual risk _____
2. Remove limb _____ Residual risk low
3. _____ Residual risk _____
4. _____ Residual risk _____

Overall tree risk rating Low Moderate High Extreme

Overall residual risk None 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 private property

John Miller



John White

ISA Tree Risk Assessment Qualified

Expiration
27 Oct 2027



Ontario

Ministry of Training,
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John David White

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18 July 2007

Arborist

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