

TREE RISK ASSESSMENT FORM

Site/Address: 17 Georgia St SW

Map/Location: _____

Owner: public: private: unknown: _____ other: _____

Date: 12/16/19 Inspector: Bill Leake

Date of last inspection: _____

RISK RATING:			
1	1	2	4
Failure Potential	+ Size of part	+ Target Rating	= Hazard Rating
_____	_____	_____	_____
_____ Immediate action needed			
_____ Needs further inspection			
_____ Dead tree			

TREE CHARACTERISTICS _____

Tree #: 2 Species: Sugar Maple (Acer Saccharum)

DBH: 30" # of trunks: 1 Height: 60' Spread: 35'

Form: generally symmetric minor asymmetry major asymmetry stump sprout stag-headed

Crown class: dominant co-dominant intermediate suppressed

Live crown ratio: 95 % Age class: young semi-mature mature over-mature/senescent

Pruning history: crown cleaned excessively thinned topped crown raised pollarded crown reduced stubbed limbs
 cabled/braced none multiple pruning events Approx. dates: 2018

Special Value: specimen heritage/historic wildlife unusual street tree screen shade indigenous protected by gov. agency

TREE HEALTH _____

Foliage color: normal chlorotic necrotic Epicormics;

Foliage density: normal sparse Leaf size: normal small

Annual shoot growth: excellent average poor none Twig Dieback:

Woundwood: excellent average fair poor

Vigor class: excellent average fair poor

Major pests/diseases: None

SITE CONDITIONS _____

Site Character: residence commercial industrial park open space natural woodland/forest

Landscape type: parkway raised bed container mound lawn shrub border wind break

Irrigation: none adequate inadequate excessive trunk wetted

Recent site disturbance? NO construction soil disturbance grade change herbicide treatment

% dripline paved: 0% Pavement lifted: NO

% dripline w/ fill soil: 0%

% dripline grade lowered: 0%

Soil problems: drainage shallow compacted droughty saline alkaline acidic small volume disease center history of fail
 clay expansive slope ° aspect: _____

Conflicts: lights signage line-of-sight view overhead lines underground utilities traffic adjacent veg. _____

Exposure to wind: single tree below canopy above canopy recently exposed windward, canopy edge area prone to windthrow

Prevailing wind direction: SW Occurrence of snow/ice storms never seldom regularly

TARGET _____

Use Under Tree: building parking traffic pedestrian recreation landscape hardscape small features utility lines

Can target be moved? NO Can use be restricted? NO

Occupancy: occasional use intermittent use frequent use constant use

TREE DEFECTS

ROOT DEFECTS:

Suspect root rot: NO Mushroom/conk/bracket present: NO ID:

Exposed roots: severe moderate low Undermined: severe moderate low

Root pruned: NO distance from trunk Root area affected: ____ Buttress wounded: When: _____

Restricted root area: severe moderate low Potential for root failure: severe moderate low

LEAN: 2 deg. from vertical natural unnatural self-corrected Soil heaving:

Decay in plane of lean: Roots broken: Soil cracking:

Compounding factors: Lean severity: severe moderate low

CROWN DEFECTS: Indicate presence of individual defects and rate their severity (**S** = severe, **M** = moderate, **L** = low)

DEFECT	ROOT CROWN	TRUNK	SCAFFOLDS	BRANCHES
Poor taper				
Bow, sweep				
Codominant/forks				
Multiple attachments				
Included bark			M	
Excessive end weight				
Cracks/splits				
Hangers				
Girdling	L			
Wounds/seam				
Decay				
Cavity				
Conks/mushrooms/bracket				
Bleeding/sap flow				
Loose/cracked bark				
Nesting hole/bee hive				
Deadwood/stubs				
Borers/termites/ants				
Cankers/galls/burls				
Previous failure				

HAZARD RATING

Tree part most likely to fail: Branches _____

Failure potential: **1** - low; **2** - medium; **3** - high; **4** - severe Size of part: **1** - <6" **2** - 6-18" **3** - 18-30" **4** - >30"

Target rating: **1** - occasional use **2** - intermittent use **3** - frequent use **4** - constant use

HAZARD ABATEMENT

Failure Potential + Size of Part + Target Rating = Hazard Rating
 1 1 2 4

none remove defective part reduce end weight crown clean thin raise canopy crown reduce restructure cable/brace

Inspect further root crown decay aerial monitor

Remove tree When replaced, a similar sized tree species would be appropriate in same location

If removed, alternate tree replacement locations are available

Effect on adjacent trees: none evaluate

Notification: owner manager governing agency Date: 12/16/19

COMMENTS

This tree has a no structural defects. The proposed grading may impact the root system of this tree.

Bill Leake