TREE HAZARD EVALUATION FORM
To Be Completed by an ISA Tree Risk Assessor Qualified Arborist

Site Address: _____ Assessment Date: _____

Property Owner's Name:_____ ☐ public ☐ private

Arborist's Name: _____ ISA Certified Arborist No.:_____

ISA Tree Risk Assessor Qualified Arborist's Signature:_____

Required Attachments: ☐ site plan ☐ photographs ☐ supplemental arborist report (if necessary)

TREE CHARACTERISTICS

Tree #: _____ Species: _____

DBH:_____ # of Trunks:_____ Height:_____ Crown Spread:_____

Form: ☐ generally symmetric ☐ minor asymmetry ☐ major asymmetry ☐ stump sprout

Crown Class: ☐ dominant ☐ co-dominant ☐ intermediate ☐ suppressed

Live Crown Ratio:_____% Age Class: ☐ young ☐ semi-mature ☐ mature ☐ over-mature/senescent

Foliage Density: ☐ dense ☐ normal ☐ sparse ☐ none (seasonal)   Vigor: ☐ high ☐ normal ☐ low

Annual Shoot Growth: ☐ excellent ☐ average ☐ poor   Twig Dieback? ☐ yes ☐ no

History of Failure? ☐ no ☐ yes, explain:_____

Woundwood Development: ☐ excellent ☐ average ☐ poor ☐ none   Epicormic Sprouts? ☐ yes ☐ no

Known or Suspected Insect Infestation or Disease:_____

Special Value: ☐ specimen ☐ heritage/historic ☐ wildlife ☐ unusual ☐ street tree ☐ screen ☐ shade
 ☐ indigenous ☐ protected by government agency ☐ _____

SITE CONDITIONS

Site Character: ☐ residence ☐ commercial ☐ industrial ☐ park ☐ open space ☐ natural ☐ forest

Irrigation: ☐ unknown ☐ none ☐ adequate ☐ inadequate ☐ excessive ☐ trunk wet

Site Changes: ☐ unknown ☐ none ☐ grade change ☐ root impacts ☐ adjacent tree removal ☐ other
 Describe:_____

Soil Conditions: ☐ limited volume ☐ saturated ☐ shallow ☐ compacted ☐ pavement over roots _____%
 Describe:_____

Topography: ☐ flat ☐ slope _____%   Aspect: _____   Prevailing Wind Direction: _____

Common Weather: ☐ strong winds ☐ ice ☐ snow ☐ heavy rain ☐_____

Wind Exposure: ☐ single tree ☐ below canopy ☐ above canopy ☐ recently exposed ☐ edge of stand
 ☐ windward ☐ area prone to windthrow ☐ _____

TARGET POTENTIAL

Primary Target(s): ☐ building ☐ parking ☐ traffic ☐ pedestrian ☐ recreation ☐ landscape ☐ hardscape
 ☐ small features ☐ utility lines ☐_____

Distance to Target:_____   Can Target Be Moved? ☐ yes ☐ no   Can Use Be Restricted? ☐ yes ☐ no

Occupancy Rate: ☐ rare ☐ occasional ☐ frequent ☐ constant

TREE DEFECTS

Describe the Defective Part(s) and Conditions of Concern –

Crown and Branches: ☐ cracks ☐ lightening damage ☐ oozing sap ☐ included bark ☐ galls ☐ hollows
☐ other_____

Trunk: ☐ missing/abnormal bark ☐ codominant stems ☐ included bark ☐ cracks ☐ ooze ☐ visible decay
☐ lean _____ degrees; corrected? _____ ☐ cankers ☐ mushrooms/conks; describe species, quantity, and
distribution of fruiting bodies_____
☐ other_____

Roots and Root Collar: ☐ root collar buried ☐ root plate lifting ☐ damaged roots ☐ visible decay ☐ ooze
☐ cavity ☐ mushrooms; describe species, quantity, and distribution of fruiting bodies_____
_____ ☐ other_____

Advanced Assessment Performed: ☐ None ☐ Aerial ☐ Resistograph ☐ Tomograph ☐_____

Main concerns, notes, explanations, description of tools used assessment methodology, analysis of alternative
methods to alleviate the hazard without removal: _____

_____

_____

_____

_____

_____

_____

_____

Inspection Limitations: ☐ None ☐ Visibility ☐ Access ☐ Vines ☐ Other_____

RISK CATEGORIZATION

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

Overall Tree Risk Rating: ☐ Low ☐ Moderate ☐ High ☐ Extreme

HAZARD ABATEMENT

Treatment: ☐ remove tree ☐ remove defective part ☐ other_____

Replace Tree? ☐ no ☐ yes, recommended species:_____

Potential Impacts to Adjacent Trees: ☐ none ☐ exposure ☐ leave stump or grind to remove

Other issues/recommendations:_____

Staff Use Only: The applicant has demonstrated that the condition or location of this tree presents a clear public safety hazard or a foreseeable danger of property damage to an existing structure and such hazard or danger cannot reasonably be alleviated by treatment. Alternative methods to alleviate the hazard without removal are not possible. This tree presents a high or extreme risk warranting issuance of a hazard tree removal permit.

☐ Yes ☐ No   Reviewed By:_____   Site Visit Conducted:_____