

This document describes the required information for the completion of an Arborist report in support of applications to injure or remove trees on private property in the City of Cambridge in adherence to By-Law 124-18.0

The following is a guideline and additional information may be requested upon review. This information is required for each tree to be injured or removed, including trees on neighbouring properties.

Report Requirements

Contact Information: Company Name, Address, telephone number, email, arborist name and credentials.

Location: Municipal address of the site as well as the location of each tree on the site. Include the location of trees in relation to any existing or proposed structures and lot boundaries. A sketch showing the property, tree(s), and other reference points such as buildings or fences, may be required if related to construction. If the intent is to plant replacement trees, the location and species of new trees should also be shown on this sketch.

Date: Date that the inspection occurred.

Species: English and Scientific species name of each tree

Size: DBH (diameter measured at 1.4m from the ground) of each tree in centimeters

Condition: Detailed information regarding the condition of the tree including factors that may be reason for removal. These may include, but are not limited to, structural issues, biological concerns, vigour, decay, deadwood %, poor unions and damage or concerns with respect to property or structures.

A condition rating based on the following standards must also be given to each tree. These must align with condition ratings used to calculate compensation fees for each tree in the Supplementary Application Form.

Tree Condition	Rating
Excellent: Full crown with no evidence of decline, disease or dieback. Healthy leaf color or good set of winter buds. No visible structural defects.	1.00
Good: Full crown or dieback of <10% of secondary branches. Crown with only minor deadwood or dieback with well-spaced branches. Minor structural or biological deficiency.	0.75
Fair: Moderate crown with <30% incomplete sections or deadwood/dieback. Moderate structural or biological deficiency or presence of disease.	0.50
Poor: <70% live crown. Poor vigor. One or more major structural or biological deficiencies or several moderate deficiencies and/or presence of major disease.	0.25
Dead/Hazardous: Tree has <10% live crown or has completely succumbed to deficiencies, or tree is an immediate risk to surroundings.	0.00

Proposed Work and Reason for Removal: Provide the reason for the application to remove the tree such as:

1. Construction or development of the site
2. Safety concerns
3. Effects or damage on existing structures
4. Tree is in poor health

Arborists Recommendation: Provide the Arborists recommendation for actions regarding the tree, including removal, injury and/or opportunity for protection or preservation.

Tree Compensation: Provide a description of size, species and location of any trees to be planted in compensation.

ABC Tree Care

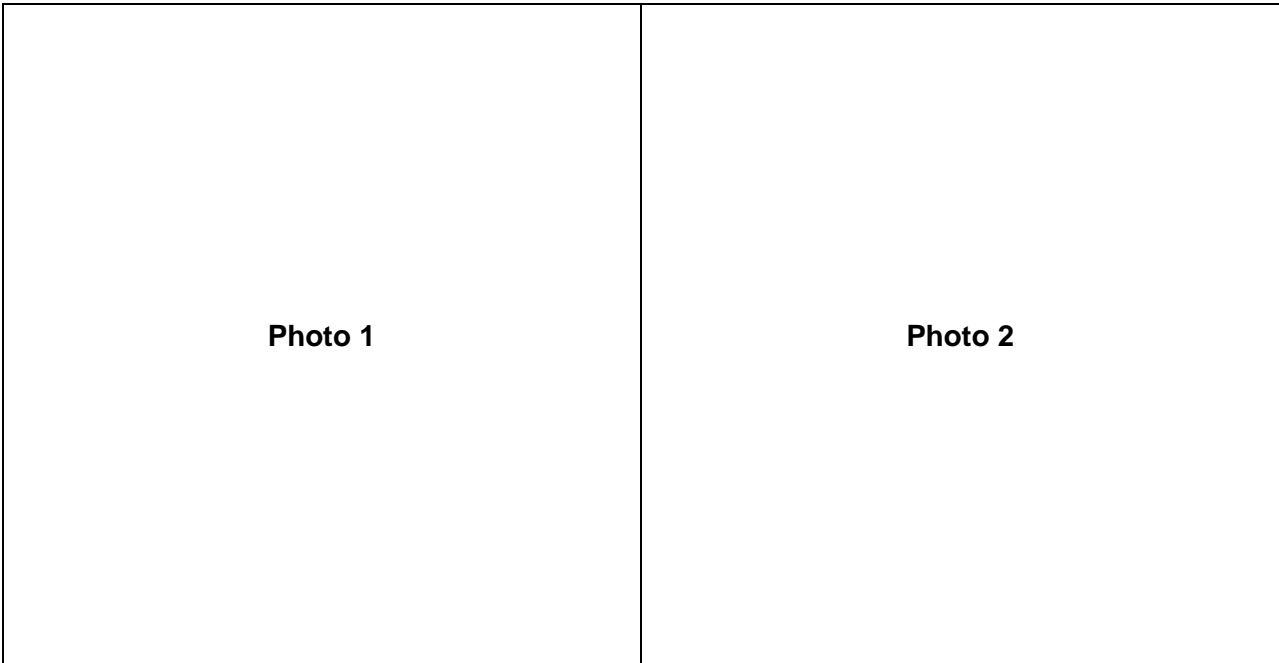
123 Maple Street
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Date of Inspection: May 1, 2021

Site: 1234 Birch Street in Cambridge, Ontario. Tree in located in the center of the rear yard.

Tree: White Oak, 30 cm DBH

Photos:



Results: The tree is a 40 cm White Oak with approximately 40% dieback in the crown. The tree has multiple past failures from storm damage with poor compartmentalization. The tree has rot apparent near the base as well as a large cavity in the trunk of the tree. Overall this tree exhibits poor vigour and multiple structural concerns. It is also within striking distance of several targets in the yard. This tree has been given a condition rating of “Poor.”

Discussion and recommendations: As the tree is in poor condition and in close proximity to multiple targets, it is recommended that the tree be removed to mitigate this risk.

Jane Smith
ABC Tree Care
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Background:

A tree inventory was undertaken on May 1, 2021. The homeowner requested an inspection of the condition and health of the trees in preparation for the installation of an in-ground pool.

Site:

5678 Oak Street in Cambridge, Ontario. Tree **1** is located in the Southeast corner of the rear lot. Trees **2 – 5** are located behind the house, within the footprint of the proposed house extension. See **Appendix 1: Map and Site Plan**.

Tree Inventory:

Tree Number	Species	DBH (cm)	Condition Rating (Excellent, Good, Fair, Poor, Dead or Hazardous)	Comments	Recommended Action
1	Blue Spruce	30	F	35% crown dieback. Codominant leaders. Multiple targets in neighbouring lots.	Remove
2	Eastern White Cedar	21	F	15% dieback, moderate lean.	Remove
3	Eastern White Cedar	22	P	40% dieback, poor structure, severe lean, exposed roots.	Remove
4	Eastern White Cedar	20	G	Minor dieback.	Remove
5	Eastern White Cedar	20	G	Minor dieback and past pruning.	Remove

Results and recommendations:

- Tree 1 is in poor condition, with severe decline and codominant leaders in the crown. Removal of this tree is recommended due to condition and proximity to multiple targets.
- Trees 2 – 5 are directly located within the proposed footprint of the new pool and removal is recommended, due to limited space, the proposed location of the pool cannot be altered.

Tree Compensation:

There is ample opportunity for the planting of new trees in partial compensation for the removal of these 5 trees. It is recommended that 4 ivory silk lilac trees are planted following construction, in the locations proposed on **Appendix 1: Map and Site Plan**. The credits for these trees as well as required compensation fees are included in the Supplementary Application Form.

Jane Smith
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 ISA Certified Arborist ON-12345