# DEEP RIVER
# FOREST MANAGEMENT PLAN
# 2013-2023

**March, 2013**


**Prepared by:**

Lacey Rose, RPF (Lead Author)
County Forester
613-735-3204
lrose@countyofrenfrew.on.ca

Jeff Muzzi
Manager of Forestry Services
613-735-3204
jmuzzi@countyofrenfrew.on.ca

# CONTENTS

## TABLE OF FIGURES



## TABLES

## APPENDICES

# ACKNOWLEDGEMENTS

Steve D'Eon, resident of Deep River and experienced Registered Professional Forester, with the help of the Tamarack program, completed an inventory of street trees and small forests owned by the Town in 2009. Steve shared his data and expertise with the authors of this plan, and for that they are grateful. His detailed assessments of small forest areas were most useful in making management recommendations.

The Algonquin College Applied Research Program supplied 4 students to complete a geographically-based street tree inventory of Deep River. Cassandra Reaatkinson, Michael Vonbuttlar, Amanda Christink and Wade Doncaster mapped the location of each street tree and collected the necessary information to make management recommendations. Frank Knaapen and Sarah Hall provided guidance to the students.

Khizar Hayat, Paul Lance, Jackie Mellon, and Krista Cadoreth of Public Works were enthusiastic throughout the preparation of the plan and provided much guidance and local expertise.

The Deep River Town Council is commended for their forethought in recognizing the necessity for longer term planning in the management of its trees and forests.

# 1.0 PURPOSE OF FOREST MANAGEMENT PLAN

The Deep River Forest Management Plan (FMP) was prepared at the request of the Town of Deep River to provide recommendations and implementation details on effectively managing street trees, urban forest patches and larger forest areas owned by the Town. The Town recognizes the importance and benefits of trees and forests, and has identified its intentions to actively manage treed properties to ensure future residents will continue to enjoy them. Approval and acceptance of this FMP by Town Council signifies the intent to follow the recommendations outlined within the plan. This FMP should be revisited every 10 years to address new issues and update inventories.

# 2.0 HISTORY OF DEEP RIVER FORESTS [1] [2]

In the absence of human disturbance, forests follow a continuous natural cycle. Forests grow, burn, die of old age, blow over in windstorms or get destroyed by insects or disease, and grow again. Forests constantly change; the forest that is here today can be completely transformed by nature tomorrow. In the Ottawa Valley, fire has historically been the chief agent of change, both pre- and post-European colonization. The pine forests the Valley is famous for are "fire origin" stands; red, white and jack pine require bare mineral soil and reduced competition from broad-leafed plants to be successful. Forest fires create these conditions - in fact, jack pine cones only open to disperse their seed when temperatures reach 50 degrees Celsius.

First Nations have long occupied the Ottawa River Valley. From archeological evidence found at sites downriver from Deep River, it appears the river was used by natives as long as 6,500 years ago. The "Woodland" era, meaning the Wendat, Algonquin and Iroquois cultures, appeared in the Valley about 2,500 years ago. While agriculture was an important component of some Woodland tribes, archaeological evidence indicates that not much farming was done by First Nations in the upper reaches of the Ottawa. Rather, the Algonquins who occupied the area when the first Europeans arrived were nomadic hunters. Hence, their impact on the forest was limited. They may have deliberately set fires to encourage the growth of blueberries, and they certainly harvested some wood and birch bark, but the overall footprint on the forest was small compared to post-colonization.

Logging on the Ottawa River started early in the 19th century. The areas immediately accessible to the Ottawa in the Deep River area were initially harvested no later than 1830. The first harvests concentrated on the biggest and best pine, which were squared and floated down the river to Quebec for subsequent transport to European markets. With the population in Upper Canada and the northeastern United States growing, the North American market for lumber grew to meet the demand for housing. By the 1850s, there were several sawmills operating in the Deep River area, and round timber continued to be "driven" down the river to mills in Ottawa. It was the lumbering industry that

[1] Kennedy, C. 1970. The Upper Ottawa Valley: A Glimpse of History. Renfrew County Council. Pembroke, ON.
[2] Mercer, J. 1998. Staying the Run: A history of the United Townships of Rolph, Buchanan, Wylie & McKay. Rolph, Buchanan, Wylie and McKay Historical Society. Deep River, ON.

provided most of the jobs in the area, and settlement rapidly followed. With settlement, came land clearing and an increase in forest fires, greatly altering the landscape.

The Deep River area (Rolph and Buchanan Townships) was surveyed into lots in 1857. However, farms had been carved out of the wilderness as early as 1846, and possibly earlier. Almost all of the area that is now forested – including the East End Lands – was farmed. Indeed, evidence of farming, such as stone piles and old fences, can be found throughout areas that are now heavily forested. The current forests in the Deep River land base are not the result of natural processes; rather, they are the result of almost two centuries of human disturbance.

# 3.0 Objectives and Strategies

Objectives outline the desired outcome that the Town of Deep River hopes to achieve in the production and implementation of this FMP. They represent a high-level statement that will be achieved by carrying out Strategies also defined in this plan. Table 1 summarizes the objectives and strategies of this plan. Each is discussed in the following text.

## 3.1 Objective 1: Manage Street Trees in a way that will Ensure Continuous Cover and Benefit

Trees in urban landscapes offer many benefits to surrounding properties, residents and the environment in general. Studies have shown that property values are an average of 6% greater in areas with trees[3]. Trees act as buffers from wind and precipitation and provide shade to reduce heating and cooling costs year round. The shade that trees provide improve pavement performance during hot weather and act as sound buffers to traffic noise. Trees play a role in reducing air pollution[4], and their roots stabilize, improve and preserve soil quality and protect against erosion. Aesthetic quality is dramatically improved in areas with trees. The wildlife value of trees in urban areas is significant, as they provide nesting and cover habitat for birds, support insect life that act as an important food source for birds and wildlife, and provide direct food for animals through berries and other mast. Linear corridors of trees facilitate travel from patch to patch of treed habitat and protect birds, small mammals and other wildlife from

**Figure 1. "Christmas" Spruce in front of Town Hall showing signs of decline**

[3] Hastie, C. 2003. The Benefits of Urban Trees. http://www.naturewithin.info/UF/TreeBenefitsUK.pdf

[4] Centre for Urban Forest Research. 2005. Special Edition- Air Pollution Control-The Tree Factor. Center for Urban Forest Research, Pacific Southwest Research Station, USDA Forest Service, Davis, California and the Southern Center for Urban Forestry Research & Information, Southern Research Station, USDA Forest Service, Athens, Georgia.

predators.

**Strategy: Inventory street trees and assess for health and risk**. The first step in ensuring a continuous presence of street trees in an urban environment is to have a detailed, geographic tree inventory. A street tree inventory was created as part of this FMP, with each tree assessed for current condition, health and risk. The maps and tree data included in the appendices of this plan will be a useful tool in planning tree maintenance activities during the 10-year term of this plan.

**Strategy: Prepare a schedule of replacement and removal of hazard street trees, and recommend suitable species for replanting.** The data and map in Appendices 4 and 5 assign a priority to each tree. These include: immediate action required, action in the short term (2013-2018), action in the medium term (2019-2023), or no necessary action expected during the plan term. Except in cases where trees are recommended to be removed due to conflict with wires, property values or other infrastructure, it is expected that a tree should be planted for every tree removed, to maintain the future forest cover of Deep River. Recommendations for trees suitable for planting are included in Appendix 6 and discussed in Section 4.3.

**Strategy: Identify opportunities for community members to become involved in street tree program**. The success of newly planted trees will be dramatically increased if they are frequently monitored. This is a difficult goal for any Public Works department to attain, and presents an opportunity to engage interested members of the public in the care of these trees. Section 4.2 discusses this opportunity in more detail.

**Strategy: Provide recommendations to builders on effective means to retain mature trees on site in new developments on Town property, and recommend suitable species for planting.** Retaining mature trees when clearing treed lots makes sense, for both economic and ecological reasons. Further discussion on the retention of trees is provided in Section 4.0 and guidelines for retention are provided in Appendix 6. Recommendations for trees suitable for planting are also included in Appendix 6. It is recommended that this Appendix be provided to any building contractor or developer before clearing and construction begin and the Town should consider writing provisions into contracts that would see candidate trees be retained.

Objective 1 will be achieved through the implementation of the recommendations in this plan. The intent is to lessen the impact of street tree removal by planning ahead and planting new trees, but also to address liability concerns that exist with the declining condition of some street trees.

## 3.2 Objective 2: Maintain urban forest patches and address potential liability issues

Urban forest patches have high ecological value, providing habitat and cover to many species of wildlife within town limits. They are heavily used for recreation, and a trail network exists throughout much of town. This is an uncommon feature in developed areas, and is one of high value that should not be taken for granted. The ecosystems remain fairly intact but human impacts are certainly visible: garbage, invasive species and encroachment were all frequently observed during data collection.

**Strategy: Inventory urban forest patches and assess for health and risk**. Each urban forest patch was visited by County Forestry Staff, and D'eon's data was used as a basis for evaluation. Each patch was given a number, an unofficial name based on location and a priority for action. Notes were made on regeneration status and if any planting opportunities exist. Hazards were identified and recommendations for action and follow up recorded. Invasive species were mapped when observed.

**Strategy: Prepare a maintenance schedule based on current health and hazard conditions**. Urban forest patches face the same issue as many of the street trees in Deep River: the trees were present before the Town was built and many originated after the same disturbance, making them approximately the same age. Poplar, jack pine and other short-lived species have reached the end of their life span and are declining. Previous storm damage has taken a toll on white and red pine. A maintenance schedule has been prepared for Deep River's urban forest patches and is included in Appendix 4, with a discussion in Section 5.0.

## 3.3 Objective 3: Sustainably manage suitable large forest areas to improve health and emulate natural processes

Sustainable forest management can take place while protecting ecological, recreational and aesthetic values. The Town has expressed an interest in managing its forested lands to improve the health of the forest and reduce its exposure to risk. Any harvesting will follow a detailed forest management prescription prepared by a member of the Ontario Professional Foresters Association and all forest values will be protected. The East End lands (Four Seasons Forest) **will not be** eligible for active forest management, but data was collected for mapping, health assessment and other recommendations.

**Strategy: Inventory lands and assess for forest management potential.** All large forest areas owned by the Town were surveyed. The results of the assessment can be viewed in Section 7.0. All lands present some opportunity for management and improvement.

**Strategy: Observe and record other forest values**. Trails, water features, wetlands, deer wintering areas and other values were recorded as encountered. Many forest values, such as raptor and other nests are temporary in nature. Areas prescribed for harvest received a higher level of value searching to ensure protection during operations. Other values may be encountered by operators and should be identified to Town staff and protected appropriately.

**Strategy: Prepare Forest Operation Prescriptions for areas eligible for harvest**. Forest Operation Prescriptions (FOP) were prepared for the McAnulty Lands and the red pine plantations in Baggs Road Lands and are included in Appendices 7 and 8. These were the only areas identified as eligible for harvest at this time. Timelines for future forest management are provided in the analysis of each forest area.

**Strategy: Identify any forest health issues and provide recommendations**. Other than general decline due to natural mortality, no major forest health issues were encountered. Scattered areas of natural disturbance from wind events, were observed in most forest areas. Recommendations and

notes on the health of specific tree species and threats of invasive species are provided in various parts of this plan.

## 3.4 Objective 4: Maintain and/or improve overall ecosystem health and vigour by managing outside impacts

Although many aspects of forest and tree health are out of our control, human activities have the potential to negatively impact ecosystems in many ways. Urban environments and those that receive heavy recreational use are under additional pressure. Invasive species have been creating problems in Ontario for over a century, but the number of concerning invasives and the rate of spread have dramatically increased in recent years. People are on the move, spending more time and accessing different areas in the great outdoors, and with them they carry unwanted pests: insects, plants and diseases.

**Figure 2. Recreational trail through Urban Forest Patch #34 with introduced Garlic Mustard.**

**Strategy: Identify any problematic invasive species or other forest health issues and provide recommendations for management**. Invasive species were recorded when observed and recommendations are included in Section 9.0. Information on species with potential to arrive and impact forests in Deep River are also included in Section 9.0, as well as recommendations on how to reduce risk and slow the spread of invasives.

**Strategy: Encourage responsible recreational use**. Section 10.0 describes several initiatives that could be implemented to lessen the impact of recreation on forest ecosystems. It also describes measures that should be taken during any forest management activities that will protect recreational value.

**Table 1. Summary of Objectives and Strategies**

| | Objective | Strategy | Section Reference |
|---|---|---|---|
| 1 | Manage street trees in a way that will ensure continuous cover and benefit | Inventory street trees and assess for health and risk | Section 4.1, page 7 |
| | | Prepare a schedule of replacement and removal of hazard street trees, and recommend suitable species for replanting | Appendices 4, 5, 6 |
| | | Identify opportunities for community members to become involved in street tree program | Section 4.2, page 9 |
| | | Provide recommendations to builders on effective means to retain mature trees on site in new developments on Town property, and recommend suitable species for planting | Section 4.3, page 10 and Appendix 6 |
| 2 | Maintain urban forest patches and address potential liability issues | Inventory urban forest patches and assess for health and risk | Section 5.0, page 12 |
| | | Prepare a maintenance schedule based on current health and hazard conditions. | Appendices 2, 3 |
| 3 | Sustainably manage suitable large forest areas to improve health and emulate natural | Inventory lands and assess for forest management potential. | Section 7.0, page15 |
| | | Observe and record other forest values | Section 7.0, page 15 |
| | | Prepare Forest Operation Prescriptions for areas eligible for harvest | Appendices 7,8 |
| | | Identify any forest health issues and provide recommendations | Section 8.0, page 22 |
| 4 | Maintain and/or improve overall ecosystem health and vigour by managing outside impacts | Identify any problematic invasive species or other forest health issues and provide recommendations for management. | Section 9.0, page 24 |
| | | Encourage responsible recreational use. | Section 10.0, page 30 |

# 4.0 Street Trees: Current State and Future Management

The current state of Deep River's street trees is generally healthy and diverse, although it is clear that many large mature trees have been lost to wind storms or natural mortality in recent years. "Street Trees" refer to trees growing singularly on town-owned property or in small groups (generally 10 or less). Street trees are prone to health problems due to the high stress environments they live in. The life span of tree species living in an urban setting is much shorter than the same species living in its natural ecosystem. The countless benefits provided by street trees to residents and property value warrant their careful management, so that they may be enjoyed for as many years as possible. It is also critical to plan for the future of the urban forest canopy by planting a new tree for every tree removed, unless the location conflicts with infrastructure. It is best to plant in advance of removal to allow new trees to become established. This should continue over time to create a variety of age classes. Planting and retaining a variety of species is also critical to safeguard against loss to future insect and disease.

**Figure 3. Sugar Maple Street Tree**

## 4.1 Street Tree Inventory and Recommended Action

A total of 981 street trees were surveyed during the data collection component of this forest management plan. Algonquin College students tallied, measured, assessed and mapped each tree in person. County Forestry staff audited data collection and management recommendations. Students were instructed to record all trees within a general road allowance width of 33 feet. It is likely that there are trees included in the inventory which are on private property due to varying road allowance, as well as trees that are on Town property that were not surveyed. Town staff is responsible for confirming ownership for trees before any removals occur – this practice is part of existing procedures. Findings from the street tree inventory were generally positive. As shown in Figure 4, there is a good size distribution of trees and many in smaller size classes (<24 cm). This is a good indicator for the future of the Town's street trees, since although the large trees may become problematic and decline in the next 20 years, there is a future generation of trees growing into that size category. This trend can be continued by constantly planting new trees, especially in areas where removal of large trees is anticipated in the near future. It is not surprising that majority of the recommended removals are for larger size classes of trees, since these tend to be in declining condition and present higher liability risks.

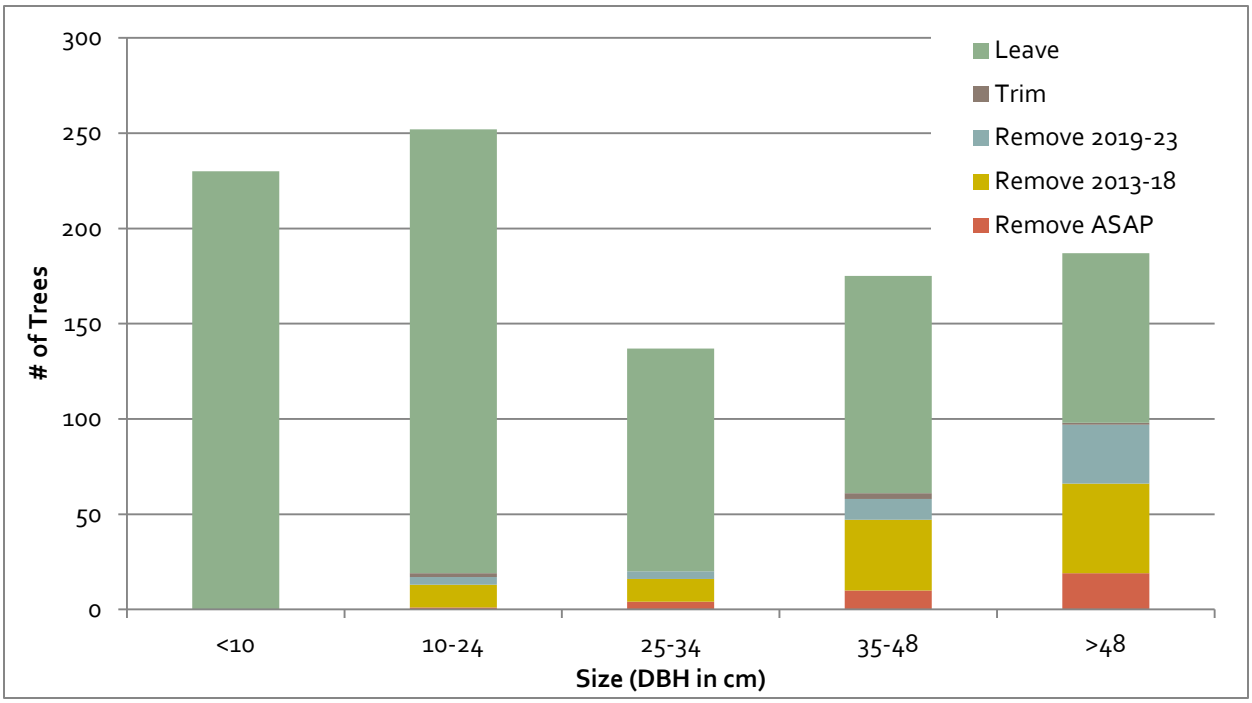



**Figure 5. Management Recommendation by Tree Size (Diameter at Breast Height (DBH) in cm) of Deep River's Street Trees**

Many hazard trees have been removed since 2006, and the management recommendations positively reflect this work done by the Town. 80% of street trees were determined to be healthy enough to leave for the duration of the plan (2023). This is under the assumption that all trees will be reassessed and an updated FMP prepared for implementation in 2023. Management recommendations were given based on a number of criteria, including encroachment on lines, foliage condition, lean, presence of rot, decay, cracks or storm damage and general stability. It is expected that there will be unforeseen circumstances in the next 10 years that will result in some of these "leave" trees being removed – natural events cannot be predicted. 34 trees (3%) were determined to be of immediate concern and are recommended to be removed as soon as possible. 108 trees (11%) are in a hazardous condition and should be removed in the next five years, as workload and budget allows. An additional 50 trees (5%) are in stages of decline that warrant less immediate removal, in the second five years of the plan (2019-2023). 6 trees were identified for trimming to reduce hazards. All trees are given a unique identification number which appears on the map in Appendix 5 and corresponds to the data in Appendix 4. Trees are coloured by management recommendation in Appendix 5 to

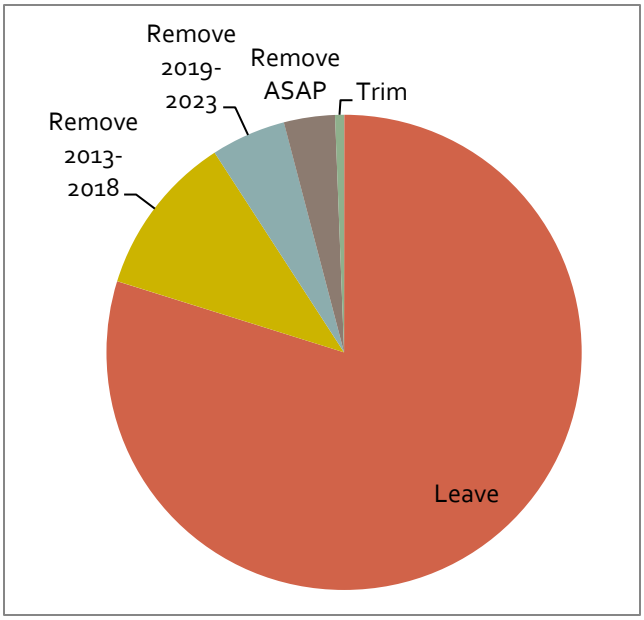



**Figure 4. Summary of Street Tree Management Recommendations**

assist in Public Works planning.

The urban forest canopy is dominated by maple, pine and spruce, as shown in Figure 6. Red maple (*Acer rubrum*) is the most common tree, making up 15% of the inventory. Red and white pine (*Pinus resinosa, Pinus strobus*) make up about 9% of the inventory each, with about 2% jack pine (*Pinus banksiana*). These are grouped in Figure 6. Blue (Colorado) spruce (*Picea pungens*) is a popular planted tree, making up about 9% of the inventory, slightly more than the native white spruce (*Picea glauca*) at 7%. A large number of crabapple, apple and cherry (*Malus* sp., *Prunus* sp.) trees are present, which can be beneficial for wildlife. Some ornamental trees that have been planted are considered invasive species and could negatively impact natural ecosystems of nearly urban forest patches. These species include Norway maple (*Acer platanoides*), Scot's pine (*Pinus sylvestris*) and Locust (*Gleditsia sp., Robinia sp.*). Locust was found in several urban forest patches that may have been introduced from seed pods of residential trees. It is recommended that future plantings only include native or non-invasive species. Existing invasive trees should be phased out over time and replaced with native or non-invasive species. A list of recommended species and a "do not plant" list are included in Appendix 6, *Recommendations for Urban Tree Planting*. The overall diversity of tree species in Deep River is a positive attribute to the inventory. Insects and disease generally target specific species, making it a good practice to plant and retain a wide variety of species to lessen the impact if an entire species is wiped out.

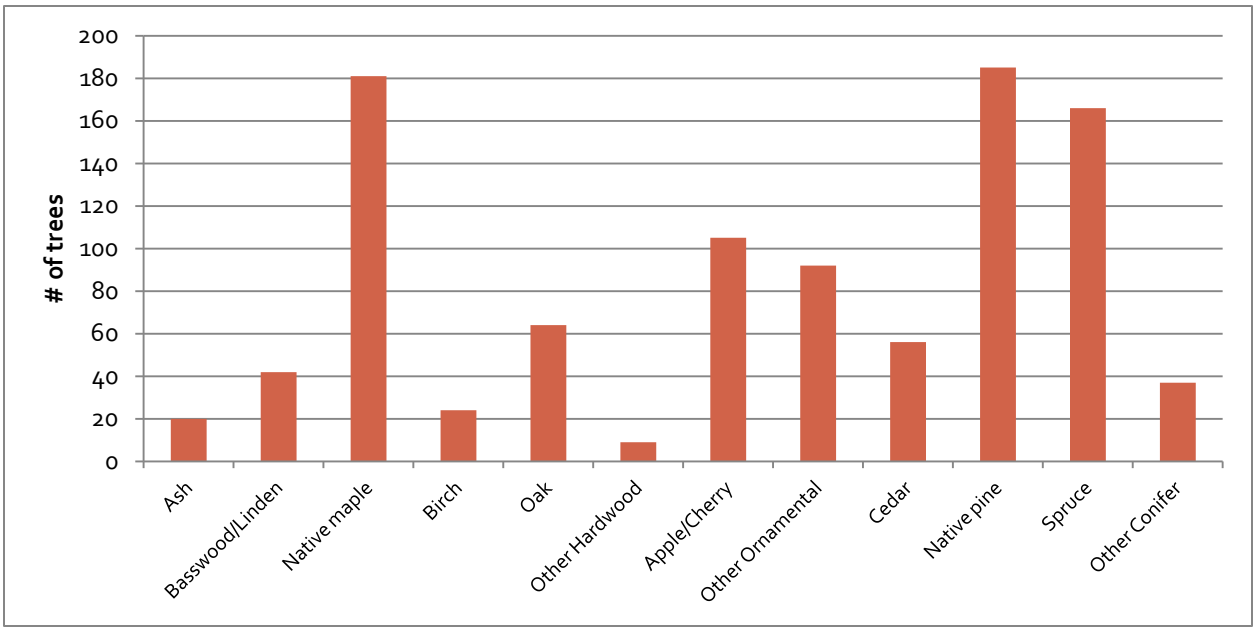



**Figure 6. General Species Distribution of Deep River Street Trees**

## 4.2 Community Involvement in Street Tree Program

Many of the Town's street trees are in front of or adjacent to residential properties. It is possible that residents may be interested in being involved in maintaining or increasing the urban forest cover of Deep River. The Town may choose to consider the following options and initiate a community involvement program.

Residents could become involved in the management of street trees though a Tree Steward program, where residents volunteer to care for newly planted trees until they become established (1-3 years, depending on size of planting stock), or during periods of high stress. This would include watering during dry periods and ensuring the tree is protected from damage (foot traffic, snow clearing, lawn mowing, etc.).

Memorial tree programs are a way to commemorate a loved one through a donation that would be used to purchase and plant a tree, and post a memorial plaque. A program such as this would work well with a Tree Steward program, where the commemorator cares for the tree until it is hardy enough to survive on its own.

Trees on private property also make an important contribution to the urban forest and all the benefits it provides. It is recommended that the Town post the recommendations for urban tree planting as included in Appendix 6 on their webpage and encourage the public to implement these principles in their own landscaping.

## 4.3 General Recommendations for Street Tree Planting and Retention

Appendix 6 contains details on tree species recommended for planting, growing space requirements and a "do not plant" list. In general, it is recommended that only trees native to the region should be planted. Trees should be purchased from a nursery that can provide the correct seed zone for the area (Ontario Tree Seed Zone 29 or 30). A table is included that describes the characteristics of recommended species so Public Works staff can choose a tree that best fits the site and purpose for each new plant. Size at maturity, site and soil requirements, lifespan and tolerance of urban stresses are all things that should be considered. It is important to plant a variety of species to lessen the impact of future species-specific health problems that may arise, such as the impact Dutch elm disease had on urban landscapes in the past.

Trees need adequate room to grow. "Spot planting", e.g. planting trees in small openings of concrete, is rarely successful. Water and soil nutrients are too limited for any tree to thrive. They often die within a short timeframe (10 years), resulting in a loss of investment. Trees will require varying amounts of space depending on crown shape and rooting habit. If adequate growing space is not available due to pavement or concrete placement, pre-planning should occur and make use of existing substrates that allow tree roots to develop while meeting engineering requirements. Hydro lines, roads, driveways, and heavy equipment travel areas should

**Figure 7. Spot planting is rarely successful and is not recommended.**

all be considered when planting a new tree. Trees can impact infrastructure, and can be impacted themselves. Compaction over time will lead to crown dieback and sometimes death of the tree. Specific information about distance requirements is included in Appendix 6.

The "Do not Plant" list contains invasive species that can be harmful to the diversity of Deep River's natural forests. For example, Norway maple, a non-native species commonly used in landscaping, is a prolific seed producer and its thick foliage shades out most other species. Norway maple's ability to grow in deep shade makes it particularly threatening to natural woodlands by outcompeting native species such as sugar maple. Also included in the list are tree species that are more vulnerable to pests, disease and early death.

It is recommended that this direction be given to developers working in Deep River, along with the encouragement to retain healthy, mature trees already on site. These trees are already established, naturally suited and at a stage that could take planted trees decades to attain – and they are free. Trees to retain should be identified early in the construction planning process and in conjunction with lot layout, building locations and grading. Equipment and materials should be kept at least 1 meter away from the drip line of trees to be retained. Fencing or other types of barriers delineating this zone will reduce damage to the tree and the risk of roots becoming compacted or severed. Tree species susceptible to shock from exposure, such as white birch, should not be retained. A tree professional (arborist, registered professional forester, forest technician) can provide valuable assistance in site plans related to tree retention.

**Summary of recommendations in Section 4.0**

1. Follow recommended removal schedule in Appendix 4 to reduce hazards.
2. Succession plant a new tree for each tree to be removed. Ideally, this will occur at least a few years ahead of removal to allow the new tree to become established.
3. Future plantings should only include native or non-invasive species. Existing invasive trees should be phased out and replaced with native or non-invasive species.
4. Consider implementing a program to involve the public in the street tree program.
5. Post recommendations for urban tree planting (Appendix 6) on the Deep River website and encourage residents to implement these principles on their own properties.
6. Plant a variety of species to avoid large-scale problems in future due to species-specific pests of disease.
7. Allow new plantings room to grow by considering space requirements as outlined in Appendix 6.
8. Encourage developers to evaluate and retain some existing healthy, mature trees when clearing treed lots. Provide direction as included in Appendix 6.

# 5.0 URBAN FOREST PATCHES: CURRENT STATE AND MANAGEMENT RECOMMENDATIONS

Urban Forest Patches are groups of trees growing in groups of more than 10, such as parks, back laneways, access areas and other treed areas within the residential portion of Deep River that are owned by the Town. Over 50 different urban forest patches were surveyed, ranging from treed medians to large parks within town. Data collected in 2009 by Steve D'eon and local high school students was used as a knowledge base, but each forest patch was visited and assessed by County Forestry staff. The smallest urban forest patch was just 1/20 of a hectare and the largest was over 9 hectares. A total area of 67 hectares was assessed in this category. Each urban forest patch was evaluated for safety hazards and risk of damage to adjacent property and a priority rating was assigned. The priority was assigned as per the following classifications.

**Table 2. Priority for Management in Urban Forest Patches**

| Code | Priority | Details |
|---|---|---|
| I | Immediate | At least one tree is hazardous enough to warrant immediate attention |
| S | Short-term | Hazards exist or are developing that warrant attention in the next 5 years (2013-2018) |
| M | Medium-term | Conditions exist that could deteriorate and should be monitored for hazards. Action is expected to be required in 5-10 years (2018-2023) |
| N | None | No conditions exist that should require attention within the next 10 years |

The reason for the priority rating, recommended action, regeneration and other recommendations are given for each individual patch in Appendix 2. The patch numbers in Appendix 2 correspond to label numbers on the map in Appendix 3.

Almost 40% of the urban forest patches (22 patches) do not contain any hazards or expected hazards in the next 10 years. 13 patches require immediate attention to remove hazards, but in many cases, this is a single tree removal. 5 patches require close monitoring and will require action within the next 5 years. The remaining 17 have deteriorating conditions that will require action in the medium term, from 2018-2023, however, periodic monitoring is recommended.

Regeneration recommendations in Appendix 2 identify patches where planting opportunities exist, and where it is expected that natural ecosystem function will regenerate the future stand. Given that fires are suppressed and human use is high, it can be expected that without planting, the pine component in urban forest patches will decline. As is the case with street trees in Deep River, many of the trees in urban patches are mature or overmature, and under more stress than trees growing in a natural environment. This means, unfortunately, that many of the large trees will be lost in the next 10-20 years. This plan aims to manage them proactively, underplanting specimen trees and removing hazards before damage occurs. A few opportunities for white pine or red oak underplanting are identified in Appendix 2, but this would require follow-up monitoring and tending for up to 10 years after planting. In many cases, intensive regeneration efforts in naturally forested urban patches was not recommended

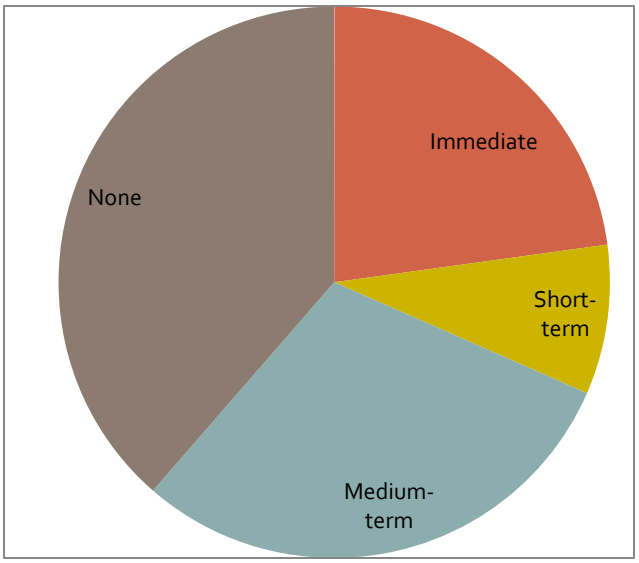



**Figure 8. Summary of Management Recommendations for Urban Forest Patches (represents # of patches and action required)**

during this 10-year term due to the high level of commitment and effort required, with a relatively low likelihood of success and poor return on investment. Natural regeneration is occurring in these areas.

Opportunities for commercial harvest are also identified in Appendix 2. This would improve the health and vigour of the areas and could offset the cost of removing declining trees. As well, the potential exists for local wood to be used in local building projects. For example, there are a number of overmature poplar at Bill Rounding Park that create liability issues near trails, recreation areas, gardens and play areas. Instead of paying for a removal service, the wood could be sold standing and a mechanical harvester or feller-buncher could easily access the area, offsetting the cost of removing the hazards.

Invasive species were identified in urban forest patches and recommendations for removal are identified in Appendix 2 for infested areas. Species encountered include periwinkle, Russian olive, goutweed, locust, garlic mustard, watercress and a few unknown invaders from gardens. Dumping of waste is an issue in some areas, but garden waste is particularly problematic and is responsible for most of the invasive plants in Deep River's urban forest patches. These plants present a significant threat to the natural function of forest areas and are capable of outcompeting native plants. It is recommended that adjacent landowners be encouraged to properly compost or dispose of garden waste, and to get involved in the removal of established invasives. More information on invasive species management is included in Section 9.0.

**Figure 9. Urban Forest Patch #38 (Forest Ridge Alley), with dead and dying jack pine**

It should be noted that not all back alleyways, road allowances or other property "slivers" owned by the Town were surveyed. The County property ownership Global Information System data was used to query all property parcels that are owned by the Town of Deep River, and it is expected that some segments may be unmapped. There were several cases where ownership was unclear on the ground, due to the width and position of the property.

There is a 20m strip of land along the Ottawa River for a large segment of the west end of Deep River that is owned by the Town. This land was not surveyed during the completion of this project. Some of the waterfront land that was observed has been altered Town roads with no residences, and roads where adjacent forest areas are not owned by the Town were not surveyed (River Road, for example). While the Town may be responsible for the trees within the road allowance of these roads, it is recommended that these be managed on an ad hoc basis. It is expected that Town staff drive these roads regularly and hazards are dealt with as-needed, after wind events or breakage of individual trees.

The names given to urban forest patches in this FMP are the same as those used by D'eon in his data collection, or were given based on location. It is recommended that urban forests be given more meaningful names, possibly in collaboration with the community. This could include commemorating residents, events or other historic elements of Deep River.

**Summary of recommendations in Section 5.0**

1. Detailed action recommendations for each urban forest patch as per Appendix 2.
2. Encourage residents to properly dispose of garden waste to help stop the spread of invasive species.
3. Encourage residents to pull invasive species in urban forest patches to improve ecosystem health.
4. Invite residents to get involved in the naming of urban forest patches.

# 6.0 Street Trees, Urban Forests and Liability

The issue of municipal liability is becoming more and more contentious as insurance rates rise. While Ontarians are not particularly litigious, how much risk a municipality is willing to accept must be addressed when it comes to urban trees, forests and trails. There are two pieces of legislation that deal with liability issues regarding municipal trees; the Municipal Act, and the Owner's Liability Act.

For someone to successfully sue for damages, three criteria must exist[5]:

1. They must be owed a duty
2. The duty must be breached
3. They must have suffered damage resulting from this breach

Those who use municipal property, whether trails, roads or any facility, are entitled to have an reasonable expectation that these properties are as safe as is reasonably possible. What is "reasonably possible" will be decided based upon whether or not the construction or maintenance of the property were carried out in a negligent fashion.

[5] Black's Law Dictionary, 9th Ed. 2009. Thomson West.

Negligence is defined as, "The failure to use that degree of care that an ordinary person of reasonable prudence would use under the given circumstances. Negligence may constituted by either acts of omission, commission, or both".

A simple rule of thumb regarding the duty owed is that if you are aware, or ought to be aware, of a danger, you have an obligation to protect people from that danger.

Breach of duty is defined as "any violation of omission of a legal or moral duty". In a street tree context, there would be a breach of duty where an injury occurred as a result of poor maintenance.

Damages are defined as "loss, injury or deterioration, caused by the negligence, design or accident of one person to another, in respect of the latter's person or property".

A landowner with constructive or actual knowledge of a patently defective condition of a tree is liable for damages, injury or death caused by that tree. Knowledge of the condition is always difficult to determine. Some cases, however, have held landowners to a higher standard (greater duty) of inspection to discover possible defective conditions of a tree to prevent the tree from causing problems. **Tree owners in urban areas have a duty to inspect each and every tree on the premises to determine hazard trees and have them removed.** In rural areas, there is no duty to inspect natural trees, but if you know or should have known hazardous trees exist, liability has held for natural trees in these areas.

Landowners are not typically liable for "Acts of God." An Act of God is an inevitable accident that could not have been prevented by human care, skill and foresight, but which results exclusively from nature's cause, such as lightning, storms and floods. A landowner will not escape liability for damages caused by an unsound or defective tree located on his/her property. It is not an Act of God if it could have been prevented by the exercise of reasonable diligence or ordinary care. In short, a landowner will not be responsible for those injuries strictly arising out of an Act of God. If however, the injury could have been prevented by reasonable diligence or ordinary care or was an injury contributed to by human agency, the landowner will not be entitled to the Act of God defense and will be liable.

# 7.0 LARGE FOREST AREAS

The Town of Deep River is fortunate to own over 400 hectares of forest area that provide recreational, social, ecological and potential economic value. Forest management carried out in an organized, sustainable manner ensures that the area remains a forest in perpetuity, improves forest health and vigour and protects other forest values. Large forest areas owned by the Town can be defined into five distinct and separate forests. Each forest was visited by County Forestry staff and data was collected with the necessary detail to make recommendations for each forest. Some areas are eligible for harvest immediately. Revenue that is in excess of expenditures should be used to fund the street tree program. Further, forest products harvested from these properties could be used for municipal infrastructure projects, such as building construction. There are also a number of planting opportunities identified that would be a good investment for the future.

## 7.1 HIGHWAY 17 LANDS

There is approximately 23 hectares (57 acres) of forest land south of Highway 17 owned by the Town. 19 hectares is forest and the rest is swamp and wetland. The area is well-roaded and hosts several recreational trails. A causeway linking the area north of the river to the south has deteriorated and has limited use at this time, but the south is easily accessible for motorized or non-motorized recreation from a trail off of Highway 17, north of Banting Road. A map of the area is included in Appendix 9.

Figure 10. Stream in Highway 17 Lands

The forest area is generally uniform in composition, with a site class of 2 and variable stocking from 60-100%. The forest was harvested about 30 years ago and a two-storied condition exists in most of the forest with 25 meter tall of trees overstory (poplar and pine) that were left from the last harvest, and 16 meter tall developing understory. The forest type is mixedwood with an overall species composition of balsam fir (30%), poplar (30%), white birch (10%), red maple (10%), white spruce (10%) and red and white pine (10%). The basal area is an average 24m²/ha. Some regeneration is present, mostly balsam fir. There are some seep areas with mid-tolerant species such as yellow birch, black ash and basswood. A higher conifer component exists near the wetland areas, especially in the northeast section.

It is recommended that this forest be managed sustainably in the future to improve forest health and vigour and reduce forest fire hazard. The area should be re-evaluated for possible harvest in 20 years (2033).

**Table 3. Description and Recommended Actions for Highway 17 Lands**

| Stand Type | Area (ha) | Description | Action | Timeline |
|---|---|---|---|---|
| Mixedwood | 19.2 | Poplar and pine low-stocked overstory, with a developing understory of intolerant hardwoods, balsam fir, white spruce and pine. Pockets of mid-tolerant hardwoods in low areas. Conifer thickets near wetlands. | Allow to develop naturally over next 20 years and re-evaluate for harvest. | 2033 |
| Wetland | 3.7 | River and surrounding wetland as well as a small larch swamp. | None | n/a |

## 7.2 McAnulty Lands

Bordered by McAnulty and Double Dip Roads, there is about 42 hectares (104 acres) of land owned by the Town, including the sports fields and woodlot at Grouse Park. An updated Forest Operations Prescription (Appendix 7) replaces the prescription completed in 2006 by County forestry staff. It is clear that some stands in this area are overmature and naturally declining. Sustainable harvesting will improve the quality, health and vigour of this property while reducing potential liability from high-risk trees. Recreation, wildlife, and aesthetic value will be maintained post-harvest; the majority of the area is expected to be best-suited to a partial harvest system which would maintain a developed understory and a component of the overstory. The Forest Operations Prescription in Appendix 7 contains additional detail.

**Table 4. Description and Recommended Actions for McAnulty Lands**

| Stand Type | Area (ha) | Description | Action | Timeline |
|---|---|---|---|---|
| Mature conifer | 10.2 | Dominated by a mix of red pine and white pine; much of the red pine has reached maturity | Harvest 2013-2015 (when markets are favourable) | 2014 |
| Mixed woods | 7.9 | Mature poplar and jack pine; declining | Harvest 2013-2015 (when markets are favourable) | 2014 |
| Immature Mixed woods | 17.8 | Primarily young poplar or young jack pine with large white pine veteran tree component | Allow to develop naturally, and consider thinning in about 35 years | 2050 |
| Successional (old field) | 1.9 | Currently much of this area is used for community vegetable gardens | None | n/a |
| Sports fields | 4.5 | Baseball diamond and soccer pitch | None. | n/a |

## 7.3 East-end Lands (Four Seasons Forest)

The East End Lands of Deep River are highly valued by many residents of the town who use it for outdoor recreation. Approximately 395 hectares (976 acres) of the larger landbase often referred to as the Four Seasons Forest is owned by the Town and is a mix of different forest types and wetlands. An East End Land Management Advisory Committee was struck upon the purchase of the lands by the Town and Terms of Reference[6] include the following guiding principles:

- Multi-use recreation
- Cooperative management and maintenance (by volunteers, user groups, Council, Town Staff)
- Mutual respect amongst all users
- Respect for the environment

[6] http://www.deepriver.ca (Direct Link)

- Long-term protection and maintenance of the land's ecological and biological diversity
- Economic benefit to the community **without commercial resource extraction**
- Eco-tourist destination
- Healthy lifestyle promotion
- Environmental education

This FMP has been prepared under the assumption that the Terms of Reference for the Advisory Committee proscribe any active forest management from occurring in the East End lands. However, reactive forest management is recommended.

Active and aggressive forest fire control is recommended. This forest is aging and the fuel load is quite high; small conifer thickets, dead and dying trees, downed woody debris and access difficulties will make fire control challenging. Given that the property is very heavily used recreationally, and the nature of the forest, the possibility of a forest fire starting is very real. The risks created by an uncontrolled fire are quite high, given the proximity of the hospital and many private residences. The Deep River Fire Department should create an in-depth fire control plan for the property, identifying values to be protected, water sources and access considerations. A fire-risk assessment, using resources such as the Ministry of Natural Resources Fire Control staff, should be conducted as soon as possible to assist in the creation of the fire control plan. There is the potential for the use of fire as a preventative or forest management tool, and the Town may want to consider that as well.

In the event of a catastrophic wind storm, disease or insect outbreak, salvage operations should be considered. This will have the benefit of opening the trail network, reducing potential forest fire fuel loads and creating conditions suitable for tree planting or natural regeneration.

An aggressive approach to controlling invasive species is recommended. When discovered, the extent of the problem needs to be identified and immediate action taken. For further information, see Section 9.0, Invasive Species. No invasive species were observed in East End Land data collection, however, most data was collected in winter. The Advisory Committee may wish to do some proactive surveying for invasive species in this area.

A general stand description is included in Table 5 below. The "Stand ID" corresponds to the map in Appendix 10, as well as more detailed information contained within that appendix. Seven different general forest types (determined by dominant tree species) exist within the East End Lands, as well as open fields, wetlands, rock outcrop and a treed muskeg.

**Table 5. General Description of East End Lands**

| Stand Type | Description | Stand ID | Area (ha) |
|---|---|---|---|
| CE | Cedar dominated forest. Deer yard. | EE03 | 14.3 |
| | | EE07 | 57.6 |
| CM | Mixed conifer forest | EE01 | 36.5 |
| | | EE13 | 1.2 |
| Field | Previously used for agriculture | Field | 6.0 |
| HD | Tolerant hardwood dominated forest | EE02 | 2.8 |
| | | EE11 | 4.3 |
| INT | Intolerant hardwood forest | EE09 | 51.4 |
| | | EE19 | 7.5 |
| M | Treed muskeg | M | 0.8 |
| MW | Mixedwood forest | EE05 | 25.9 |
| | | EE08 | 4.5 |
| | | EE12 | 15.9 |
| | | EE16 | 23.2 |
| | | EE17 | 5.9 |
| | | EE20 | 5.9 |
| PJ | Jack pine dominated forest | EE18 | 2.2 |
| PW | White pine dominated forest | EE04 | 8.8 |
| | | EE06 | 1.3 |
| | | EE10 | 16.5 |
| | | EE14 | 7.8 |
| | | EE15 | 56.2 |
| Rock | Rock outcrop. Limited forest cover. | Rock | 0.4 |
| UCL | Hydro right-of-way (unclassified) | UCL | 7.1 |
| W | Wetland | W | 31.7 |
| *Total Area* | | | *395.5* |

## 7.4 Miller Road Lands

The Miller Road property is a narrow strip of land adjacent to the landfill site. It is about 10 hectares (22 acres) and has a variety of stand conditions. A map of the area is included in Appendix 9 and the description in Table 6 corresponds to labeled stands on the map. The area can be accessed from Miller Road through a gated entrance and an old road goes through most of the property. Due to the size of this property and surrounding ownership, there is little potential for recreational value. The west boundary is well blazed and the east is bordered by a continuation of Miller Road.

There is potential for future revenue generation from this property. The natural forest areas will be eligible for harvest in 40-50 years and red pine could be planted immediately in old fields that would start to generate revenue within 25 years.

**Table 6. Description and Recommended Actions for Miller Road Lands**

| Stand Type | Area (ha) | Description | Action | Timeline |
|---|---|---|---|---|
| Intolerant Hardwood | 4.3 | Poplar was cut about 15 years ago and is regenerating naturally. White and red pine were left as an overstory (<20% canopy closure) and will make up a component of the future stand. | Harvest in 40 years | 2055 |
| Mixedwood | 5.1 | 30-40 year old poplar with <20% jack pine/white pine in overstory. | Harvest in 30 years. Potential to convert to pine (plant) after harvest but commitment to tending would be required. | 2045 |
| Conifer | 0.3 | Young, understocked, planted spruce. May have been an extension of the Christmas tree plantation. | None. Let develop and regenerate naturally. | 2055 |
| Field | 2.2 | Open field. Potential for red pine plantation. | Site prepare and plant with red pine. | 2013/14 |
| Christmas Tree Plantation | 0.8 | Christmas tree plantation that appears to have been untended in recent years. These are quickly becoming deformed and will not develop into a healthy mature forest. | Use Christmas trees that are still viable and clear to replant with merchantable trees. Could coordinate with plantation of adjacent field area. | 2013/14 |

**Figure 11. Intolerant Hardwoods Forest in the Miller Road Lands**

## 7.5 BAGGS ROAD LANDS

The Baggs Road property is approximately 25 hectares (62 acres) in size and has almost 8 hectares (20 acres) of planted red pine. A number of other stand conditions exist, as well as about 6 hectares occupied by the waste disposal site that is part of this property. A map of the area is included in Appendix 8 and the description in Table 7 corresponds to labeled stands on the map. The area can be accessed from Baggs Road. Due to the proximity to the waste disposal site, this is not an ideal area for recreation and little use was evident. The forest does act as a buffer and garbage filter for blown away garbage. It is expected that bears frequent this area, although little evidence was observed during data collection.

**Figure 12. Mature Red Pine Plantation at Baggs Road Lands**

There is potential for immediate revenue generation from this property, as well as in the future. A forest operation prescription for the Baggs Road Lands is included in Appendix 8. Recommended actions are summarized in the table below. The recommended thinning would improve growth and health and increase the long-term revenue potential of the area.

**Table 7. Description and Recommended Actions for Baggs Road Lands**

| Stand Type | Area (ha) | Description | Action | Timeline |
|---|---|---|---|---|
| Not Forested (0) | 6.3 | Waste disposal site. Fenced. | None. | n/a |
| Poplar Mixedwood (1) | 4.4 | Low, variable stocking, brushy understory. Small tolerant hardwood component. Functioning as dump screen. Low volume potential and harvest would leave very open conditions. | Evaluate in future with Mixed Hardwood (3). If understory is better developed, remove overstory. | 2028 |
| Mixedwood (2) | 1.8 | Poplar, soft maple, white pine, white spruce mix. Low stocking (0.6), two-storied condition. Little regeneration. | Could harvest poplar overstory in summer to encourage regeneration. Evaluate with Mixed Hardwood (3) in 15 years. | 2028 |
| Mixed Hardwood (3) | 2.8 | Dominated by red maple, with small (<10%) components of hard maple, beech, yellow birch, white birch and ironwood. Stocking is about 70%. | Evaluate for a selective harvest (1/3 removal) in 15 years to improve growth and quality of stand. | 2028 |

| Stand Type | Area (ha) | Description | Action | Timeline |
|---|---|---|---|---|
| Young Pr Plantation (4) | 1.8 | Red pine plantation is approximately 30 years old, 16m tall, with wide spacing and a basal area of 38m²/ha. No regeneration. Spacing was too wide when planted for trees to develop properly. | Selectively thin, targeting defective stems. There is room to operate without removing access rows. | 2013/14 |
| Mature Pr Plantation (5) | 6.1 | Red pine plantation is approximately 50 years old, 25m tall, fully stocked, with a basal area of 60m²/ha. There is a small amount of white pine regeneration, and more could be achieved through properly timed thinnings. A small amount of area was previously thinned. | Take 1 row, leave 4. Within "leave" rows, selectively thin <10%, targeting defective stems. Stand quality and growth will be improved. Return in 7 years and harvest another 20-25%. | 2013/14 |
| Open (6) | 0.4 | Unoccupied land eligible for planting. | Candidate for site preparation (brushhog) and planting with red pine to add to total plantation area. | 2013/14 |
| Poplar over Pine | 1.4 | Low-stocked poplar overstory has allowed planted and natural red and white pine to develop successfully in the understory. Desirable future forest developing. | Remove overstory in 10-15 years. Be sure careful logging practices protect pine understory. | 2023 |

**Summary of Recommendations for Section 7.0**

1. Conduct sustainable forest management activities in McAnulty Lands as per the Forest Operation Prescription in Appendix 7 to improve forest health.
2. Consider planting in open areas of Miller Road Lands and Baggs Road Lands in 2013-14.
3. Thin plantations in Baggs Road Lands as per the Forest Operation Prescription in Appendix 8.

# 8.0 Forest and Tree Health

Forest and tree health issues occur at a variety of scales and situations. They can be stand-wide, with a general lack of vigour or state of decline in a forest as a result of age, poor site quality or lack of disturbance. Health issues can be tree specific, as a result of natural or invasive pests or diseases or mechanical injury. They can occur at the forest floor level, with regeneration being impeded, or at the canopy level with dieback of crowns.

No unexpected endemic health issues were observed during data collection for this plan. A number of trees are declining due to old age or other stresses. Figure 13 shows that half the street trees in Deep River are greater than 25 cm DBH (Diameter at Breast Height), and about 20% are very large, greater than 48 cm DBH. Not only are these trees likely older than the town itself, but their size creates

significant liability issues in an urban environment. The recommendations for timing of removal and succession planting have been made accordingly.

In general, large forest areas are stagnating due to lack of disturbance. The East End Lands, in particular, has a lack of new forest growth. There has been some blowdown in recent years, which should result in an increase in age-class diversity. Allowing small-scale forest fires to burn or carrying out sustainable forest management activities would improve the overall health of these forest areas.

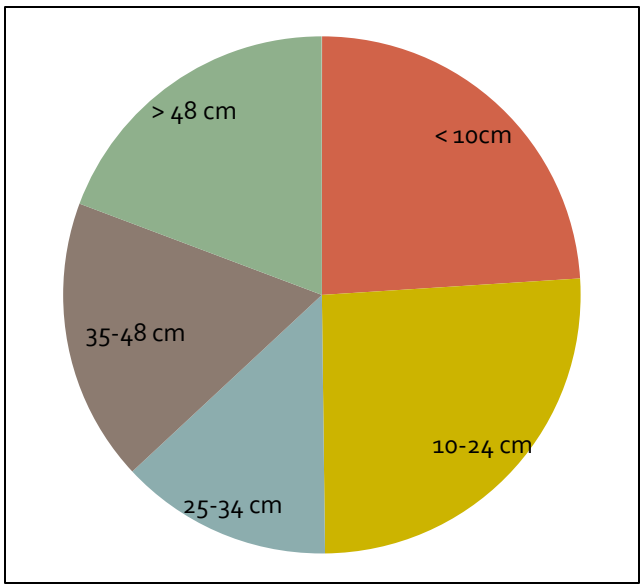



**Figure 13. Size distribution of Deep River Street Trees (DBH: Diameter at Breast Height)**

The continued accumulation of woody debris increases the risk of forest fire, and if a fire were to occur, the severity will be increased by the high fuel load. Suppressing fires becomes much more difficult in these circumstances. Pre-planning for forest fire control in the East End Lands should be completed by the Deep River Fire Department, in conjunction with expertise from Ontario Ministry of Natural Resources Fire Control staff.

As noted by D'eon and other Deep River forestry experts, White Pine Blister Rust is a problem in the area. Blister Rust is a non-native disease that kills white pine of all ages. It was introduced from Europe at the turn of the 20th century and has become widespread since then. It is certainly visible in some of the larger white pines in Deep River. There is currently no treatment of this disease, besides renewing to species other than white pine. A significant amount of work has been done in developing blister rust-resistant strains of white pine and the future holds some hope for this. Some forest practitioners have found success with improving understory circulation by reducing density of understory trees. The fact that white pine is still present on the landscape after the presence of the disease for so long is positive – many trees are able to avoid or survive the disease for long periods of time. No recommendations are offered in dealing with Blister Rust, besides being aware of the potential impact it may have on the iconic white pines in Town. Science suggests that planting of white pine should be avoided in depressions and north-facing slopes, fresh to moist soils, areas adjacent to water, in dense understory vegetation and in open areas without an overstory canopy[7].

Elm is not a common species in Deep River, or anywhere in Central Ontario, due to the continued presence of the Dutch Elm Disease. Scattered elm exist, primarily in forest areas, but generally do not live longer than 30-40 years before succumbing to the disease. No actions can be taken against this disease, however, Town staff should be aware of hazards that will exist from any remaining elm trees.

[7] Ecology and Management of Eastern White Pine in the Lake Abitibi (3E) and Lake Temagami (4E) Ecoregions of Ontario. 2008. Latremouille, C et al. OFRI.

# 9.0 Invasive Species

Invasive species are plants, animals and micro-organisms that have been accidentally or deliberately introduced into areas beyond their native range. The introduction and spread of these species can negatively impact native biodiversity, the economy and/or society, including, in some cases, human health[8]. Invasive plants impact entire ecosystems. They cause the decline of species that rely on native plants or animals that have been displaced by invasives, or of species that are preyed upon by invasive animals. For example, the absence of a particular native plant may mean the absence of the insects that feed on it, and the loss of the bird that feeds on that insect, and so on.

A number of invasive plants were observed in Deep River during the field work component of this plan and a number of others have the potential to occur in the area. These species, their potential impacts and recommended actions are discussed in the following sections.

## 9.1 Confirmed Invasive Species

### *9.1.1 Garlic Mustard*

Garlic mustard was observed in two urban forest patches. It is present in high concentrations at Lamure Beach (#22) and in low concentrations in "Highway 17 at Ridge Road" (#34). Lamure Beach hosts a number of important ecosites, including a population of yew (Taxus canadensis) plants. The population of garlic mustard is widespread along the parking lot on Beach Avenue, the trail to the water from that parking lot and is spreading into a number of connecting footpaths in that area. The initial source of the infestation is unknown but online anecdotal information cites its presence in this area since 2010. The prolific seed of this plant is readily spread by pedestrian and animal foot traffic. The second population is small and directly along the main path of urban forest patch #34. It likely arrived in this area via seed in a recreationalist's shoe, bike tire or animal's fur.

**Figure 14. Garlic Mustard: 1st year basal rosettes**

This member of the mustard family has a two-year growing cycle. Year one produces simple basal rosettes that smell of garlic when the leaves are crushed. Year two produces stems up to 1m tall that bear white flowers in early spring then long, thin seedpods bearing 150-180 seeds per plant. By late June, most of the leaves have faded away and garlic mustard plants can be recognized only by the dead

[8] Ontario Invasive Plant Council, 2009. www.ontarioinvasiveplants.ca

stalks with pale brown seedpods that may remain and hold viable seed through the summer[9]. Large volumes of information are available online that describe the plant and its impacts.

**Potential Impact:** Garlic Mustard is widely regarded as one of the most prevalent and problematic invasive species within eastern North America's deciduous forest communities[10]. It has the capacity to invade and dominate mature forest understory communities and spread at an alarming rate (average 5.4m / year, and greater in previously uninvaded areas), create a monoculture, outcompete native herbs and inhibit regeneration of tree species. Garlic Mustard has been reported to dominate forest understories within 5 to 7 years of initial introduction. Studies have also shown that garlic mustard has the ability to inhibit mycorrhizal fungi activity in native plants by releasing phytochemicals, which can greatly affect the growth and function of ecosystems. It thrives on disturbed soils, making managed forests (especially tolerant hardwoods) vulnerable to invasion.

**Figure 15. Garlic Mustard: 2nd year mature seed pods after plant die-back**

**Recommendation:** Public Works staff has already begun control efforts at Lamure Beach (fall of 2012). It is recommended that this work continue, concentrating efforts on the removal of plants in early spring before seed pod development. It is important to replace disturbed soil after pulling plants and cover with mulch, if possible, to discourage new seeds from germinating. 8 below summarizes recommendations from the Credit Valley Conservation Invasive Species Strategy, an organization that has been successfully dealing with the plant for several years.

In addition to active control measures, it is recommended that a sign be posted at Lamure Beach, helping the public to identify the plant, know of its impact on the environment and encouraging trail users to clean their shoes/tires/pets before leaving the site to reduce the risk of spread to other forest areas. This is one of only 3 known garlic mustard sites in Renfrew County. The public could also be encouraged to pull and properly dispose of Garlic Mustard when they encounter it, or organize "community pulls" which have been successful in other areas.

[9] Problem Weed of the Month: Garlic Mustard. 2005. Ontario Ministry of Agriculture and Food. http://www.omafra.gov.on.ca/english/crops/hort/news/hortmatt/2005/10hrt05a4.htm

[10] Nature Conservancy Canada. 2007. Control Methods for the Invasive Plant Garlic Mustard (Alliaria petiolata) within Ontario Natural Areas.

**Table 8. Guidance for the Control of Invasive Garlic Mustard**[11]

| Infestation level | Method/ Management |
|---|---|
| Light | *Non-herbicide*<br>Pull out plants at time of flowering prior to seed pod development (early May); Pulling may not be feasible on erosion-prone sites. Soils disturbance must be minimized. In long established populations, pulling may simply unearth buried seeds. Pulling can only be effective if site can be revisited a number of times a year over an extended number of years sufficient to exhaust the seed bank |
| Moderate-heavy in large patches/ woodlot edges; monocultures | *Non-herbicide*<br>Cutting with brushcutters or manually at time of flowering is effective only if repeat cutting performed 2-4 weeks later; plants have to be cut as close to base as possible otherwise they will resprout. Must repeat over several years.<br>Solarisation- placement of tarp/plastic over select areas. Replanting with aggressive native species and mulching around plantings to counter disturbance of seed bed. Proceed in a phased approach.<br>*Chemical*<br>Glyphosate (Amitrol or Garlon may be more effective) provides effective control of heavy infestations when applied in mid- spring; in the fall and early spring Glyphosate (3% solution) can be applied to rosettes, provided temperature is above 10° C. Where lack of snow cover provides the opportunity spraying three times between November and March can be very effective. |
| Moderate-heavy in large patches in highly significant areas | *Chemical*<br>Due to the widespread distribution of Garlic mustard, control with herbicide is not recommended on a large scale; selective patches could be sprayed with 3% Roundup-WM in late fall while plants are in the rosette stage. This should only be considered after other methods have been attempted. |

### *9.1.2 Escaped Garden Plants*

Dumping of garden waste by adjacent residents is a problem in many urban forest patches. As a result, many of these ecosystems are now being invaded by spreading, non-native plants. The main issue with escaped garden plants is that they are opportunistic, resilient and will out-complete native vegetation. Goutweed, periwinkle and Russian olive all have the ability to spread quickly and create a monoculture in the forest understory. Locust (honey and black) grows and spreads quickly and its sharp spines can be hazardous to recreationalists. A summary of urban forest patches where escaped garden plants are present is included in Table 9 below. It is recommended that landowners adjacent to these areas or interested local organizations (naturalist clubs, schools, etc) pull existing invasives and make a concerted effort to avoid future dumping of garden waste in all forest areas. The Town currently has a spring and fall pick-up of brush, leaves and other garden waste. These items can also be dropped off at the North Renfrew Landfill Site on Baggs Road at no charge.

[11] Credit Valley Conservation Invasive Species Strategy. Draft 2009. http://www.creditvalleyca.ca/wp-content/uploads/2011/02/InvasiveSpeciesStrategy-draft.pdf

It is expected that there are many more instances of invasive plants growing in Deep River. The locations noted in Table 9 are only those that were observed during data collection, in the fall of the year. These and other populations of non-native plants can be easily controlled by **pro-active pulling of plants by concerned community members** and a change in garden waste disposal methods to prevent further introduction of invasives. Other invasive species of plants that are likely to occur are Phragmites, wild parsnip, non-native honeysuckle, and possibly giant hogweed. All of these plants can have implications to the ecosystem and some have negative impacts on human health. Very good resources are available online from the Ontario Invasive Plants Council[12] on responsible gardening practices and how to manage specific plants.

**Figure 16. Goutweed, escaped from adjacent garden, established as a groundcover in an urban forest patch.**

**Table 9. Locations of Invasive, Escaped Garden and Ornamental Plants in Deep River**

| Patch # | Unofficial Name | Invasive Species Observed | Recommendations |
|---|---|---|---|
| 6 | Birch-Maple Courtyard | Periwinkle, Russian Olive | Encourage community to pull existing plants and stop dumping garden waste |
| 11 | Faraday and Rutherford | Goutweed, Periwinkle | Encourage community to pull existing plants and stop dumping garden waste |
| 17 | Between Frontenac and Thomas | Unknown, dense population | Encourage community to pull existing plants and stop dumping garden waste |
| 25 | Waterfront Lands | Watercress | Town staff should monitor drainage run-off streams that enter the Ottawa River. If plant creeps any closer to the river, should reduce/eliminate population |
| 28 | Rabbit Rock | Goutweed | Encourage community to pull existing plants and stop dumping garden waste |
| 30 | Hillcrest Laneway | Unknown | Encourage community to pull existing plants and stop dumping garden waste |
| 33 | Water Tower along Highway | Locust | Town should consider brushing locust to reduce population and risk to human safety from sharp spines |
| 38 | Forest Ridge Alley | Goutweed, Periwinkle | Encourage community to pull existing plants and stop dumping garden waste |

[12]Garlic Mustard: One of Ontario's most un-wanted invasive plant species. Ontario Invasive Plants Council. http://www.ontarioinvasiveplants.ca/index.php/publications

| Patch # | Unofficial Name | Invasive Species Observed | Recommendations |
|---|---|---|---|
| 41 | Ridge Road Across from Avon | Locust | Town should consider brushing locust to reduce population and risk to human safety from sharp spines |
| 45 | Thomas at Cipriani | Goutweed | Encourage community to pull existing plants and stop dumping garden waste |
| 57 | Chadwick Hydro Line | Locust | Town should consider brushing locust to reduce population and risk to human safety from sharp spines |

### *9.1.3 Non-Native Trees Species*

It is not uncommon for non-native ornamental trees to be planted as street trees in any town or city. In many cases, cultivars can be well-suited for urban conditions and will do well in high-stress environments. There are, however, negative implications of some non-native trees that have been commonly planted in the past. Norway maple (*Acer platanoides*) for example, is a common street tree in Deep River but, as previously discussed, has proven to readily become established in forest ecosystems and shade out native species due to their prolific seed production and high shade tolerance. Scots pine (*Pinus sylvestris*) can also be found in Deep River and is known for its ability to seed into natural areas. Its susceptibility to a range of insects and disease can make it a source for the transfer of some pests to valued native tree species[13]. Locusts, discussed in the previous section, are a small non-native tree that can also have negative implications on ecosystem and recreation value.

Figure 17. Locust spines

**Recommendations:** It is recommended that native tree species be planted, when possible, as street trees from this point forward. Species recommendations are included in Appendix 6. At Hill Park (#21), a number of Norway maples and Scots pine are present that should be succession planted with native species, leading to their eventual removal. Their spread should be monitored to ensure they do not impact adjacent forest patches.

## 9.2 Potential Invasive Species

### *9.2.1 Emerald Ash Borer*

Emerald Ash Borer (EAB) was confirmed in the summer of 2012 just 15km from Renfrew County's south boundary. The Highway 17 corridor is a probable route of infestation for the insect to follow and its arrival in Deep River seems inevitable. This insect attacks and kills otherwise healthy ash (*Fraxinus*) trees of all sizes. Although some of the spread has occurred by natural dispersal (some studies have

[13] Extension Notes: Scots Pine in Ontario. 2005. OMNR. Queen's Printer for Ontario. http://www.lrconline.com/Extension_Notes_English/pdf/Scots_Pine.pdf

shown adult EAB capable of flying 10km or more), people have expedited the spread through the movement of nursery stock or infested firewood.

Figure 18. Ash trees adjacent to Town Hall in Deep River.

Being vigilant about early identification is important, but difficult. When infested trees are found, it's often 1 year or more after the attack occurred. Besides branch sampling in the upper crown of the tree, the most effective means of early identification are looking for tunnels (vertically oriented, shallow, S-shaped meandering under the bark with abrupt turns, packed with frass), increased woodpecker activity, bark cracks (vertical splits in the bark), D-shaped exit holes (3.5-4.1mm in size) and general poor health of ash trees. Decline and death occurs from the top down. Any infested or dead ash trees should be cut, chipped or burned. Cutting trees before infestation has not proved effective in slowing the spread.

**Recommendations:** Encourage the public to be aware of the signs of EAB infestation and report observations. Discourage the movement of firewood or ash trees from nurseries into Deep River from outside sources and respect prohibitions, and do not continue to plant ash trees. Ash street trees are identified on the street tree data in Appendix 4. Town staff should identify any that are of high aesthetic value and good health and consider treating with Treeazin [14] preventatively before the onslaught of EAB.

### *9.2.2 Dog-Strangling Vine*

Dog-strangling vine (DSV) was introduced into the US in the mid 1800s and has been present in southern Ontario (the Toronto area) for many decades. Originally, dog-strangling vine inhabited field borders, roadside and rail tracks. More recently, it was been creeping into agricultural fields, pasture lands and even forests in Ontario. It can grow in a wide range of habitats and prefers open areas but will grow very well in filtered shade (e.g. within pine plantations). In open areas, they form dense patches that "strangle" other plants. [15] Dog-strangling vine forms dense patches that overwhelm other ground vegetation. It can significantly alter ecosystems, prevent the regeneration of forests, and render areas inaccessible for recreational use. Along with these potential impacts, the plant also presents a risk for monarch butterflies that lay their eggs on it, apparently mistaking it for milkweed, but the larvae cannot survive on DSV.

[14] Find more information and service providers at http://www.bioforest.ca. Treeazin is the only approved treatment for EAB in Ontario at this time.

[15] Forest Health Alert: Dog-Strangling Vine. 2008. OMNR. http://www.mnr.gov.on.ca/stdprodconsume/groups/lr/@mnr/@forests/documents/document/260834.pdf

**Recommendations:** There are no recorded incidences to date of DSV in Renfrew County. Introduction of the plant will likely occur via seeds lodged in equipment, bikes, car, shoes, or pets that have been in infested areas further south, or brought in with fill from other areas. The only way to prevent the spread of this species is to be vigilant about early detection followed by an aggressive eradication program. The encouragement of responsible recreation, arranging for equipment to be cleaned before arriving on site if coming from a known DSV area, and being aware of where fill is coming from are also good practices in preventing many invasive species.

# 10.0 Aesthetic and Recreation Considerations

Residents of Deep River enjoy the benefits of living in a town that was "built in the forest". The many street trees and urban forest patches add to the character and beauty of the town and are admired and valued. Trees and forests are subject to aging and natural death just as any living organism and unfortunately, many of Deep River's urban trees are reaching the end of their lives. The impacts of removing trees that create liability can be reduced through the implementation of this plan.

Deep River has a large population of outdoor recreationalists and enthusiasts, who enjoy the benefits of being in the "great outdoors". Local clubs, groups and other organizations do an outstanding job of creating opportunities for residents to enjoy nature. However, it should be recognized that irresponsible recreational use can have negative impacts on ecosystems. Mountain bike tires, dog's fur and hiking boots can transfer invasive plant seeds from one site to another. All-Terrain Vehicles (ATVs) can significantly alter drainage patterns of streams and wetlands. Wild plant collectors can wipe out a population of rare specimens. Transporting firewood from elsewhere can introduce unwanted insects. Litter is unsightly and can alter soil chemistry. These impacts can especially be felt in high-use areas such as forest areas in close proximity to urban areas.

It is recommended that recreation and conservation groups be engaged in efforts to lessen impacts of human use on the ecosystems they enjoy. This could include:

- Creating signage in high-use areas alerting trail users about the presence of, or preventing the spread of invasive species. The possibility exists for partnerships with local community groups, or schools to create signage and/or educational materials at a low cost.
- Engaging horticultural societies, naturalist clubs and residents in efforts to stop the dumping of garden waste in urban forest patches and actively remove garden invasives that have already become established. "Community pulls" have been very successful in other areas.
- Discourage gardeners from planting invasive plants on their own properties[16].
- Implement an "adopt-a-forest" program, where neighbourhoods could be responsible for monitoring and cleaning up forest patches near their homes.
- Encourage groups and residents to report invasive plant sightings to Public Works staff, especially those that may be harmful to human health, such as wild parsnip and giant hogweed.

[16] See the Ontario Invasive Plant Council's "Grow me Instead" publication: http://www.ontarioinvasiveplants.ca/files/GMI_2012_web_North.pdf

- Enlist the help of interested groups and use local media to spread the word about not moving firewood from areas regulated for EAB (e.g. south of Renfrew County) into the area.

In any recommended forest management activity, recreation and aesthetic value will be considered. To some people, any harvesting of trees may seem unsightly. It is important to remember that our human values to not always apply in nature. In fact, most ecosystems welcome change that comes with harvesting because it enables the natural process of regeneration to begin. Frequent revisiting of harvested areas reveals that it does not take long for a "carpet of green" to appear: new seedlings germinating, tree limbs and tops providing cover for small mammals and birds, wood and debris rotting and providing nutrients to the soil. All stages of a forests' development are equally important as habitat for different species of wildlife.

The integrity of recreational trails should be considered and protected during any forest operations. Main trails should be left in as good or better condition than before operations start, and should be left clear of debris. Identifying main trails will be a challenge, as some areas have multiple trails in close proximity to each other.

Sound disturbance should also be considered during forestry operations in proximity to houses, specifically the McAnulty forest. Regular operating hours should be agreed to between the Town and the operators, and effort should be made to carry out harvest in as short a time as possible. Proper signage should be posted before operations commence to warn of haul and equipment traffic on shared roads and trails.

# 11.0 Forest Certification

If the Town chooses to go forward with recommended forest management activities, it may opt to obtain third-party forest certification as a means to assure residents that harvesting activities will be carried out in a responsible, sustainable manner. Annual audits of certified area ensure that forest management activities meet the internationally recognized principles and criteria of the certifying body. One option that would be readily obtainable would be certification by the Forest Stewardship Council (FSC). The Eastern Ontario Model Forest (EOMF) has certified private landowners and community forests throughout eastern Ontario under their umbrella certificate[17]. There are three basic requirements for inclusion in the EOMF certificate:

1. Forest owners must have a forest management plan
2. Forest owners must sign a Memorandum of Understanding with the EOMF
3. An annual contribution fee must be paid, based on an ownership matrix.

An inquiry has been made to the EOMF about the eligibility of the Town's forest areas for FSC certification. The Town's land could be certified as a "community forest" (under 1,000 hectares) for the cost of about $2000/year. This money would be paid to the EOMF to manage the costs of the group certificate and pay for the annual audit. There are other options currently being evaluated by the EOMF

[17] http://www.eomf.on.ca/

that could reduce the annual cost of certification. Several non-commercial forests, including the City of Oakville, have opted to certify as a demonstration of their commitment to sustainable forest practices.

**Recommendation:** That the Town of Deep River contact the Eastern Ontario Model Forest (EOMF) and request that EOMF deliver a presentation outlining the benefits and costs of obtaining third-party certification.

# 12.0 PUBLIC CONSULTATION

As previously stated, the residents of Deep River are highly invested in the trees and forests that surround them. Public consultation occurred in two stages during the preparation of this FMP:

**Phase I, Fall 2012**: Initial Engagement and Development of Objectives: After an introductory document was reviewed by Town Council and received feedback was incorporated, the document was made available for review and comment by residents of Deep River. The Introduction to the Deep River Forest Management Plan 2013-2023 was available for review from January 18 to February 1, 2013 online at www.deepriver.ca or in person at the Town Hall Public Works Department. A total of two written comment submissions were received. They are summarized in Table 10 below.

**Table 10. Summary of Public Comments received in Phase I**

| Comment by | Summary of Comment(s) | Response |
|---|---|---|
| Resident 1 | Trails through McAnulty Forest should be mapped and ranked according to usage. Maintaining shade on these trails during harvesting is important. | Trails were mapped during data collection exercises. During snow cover, usage levels were not clear, and trails transect the entire property. Public could provide more input during review of draft plan. |
| | Keep trails free of debris, rutting and soil disturbance during and after logging. | Recommendation included in Section 9.0. |
| | Consider noise abatement during active operations. | Recommendation included in Section 9.0. |
| | Forest harvesting should be to improve forest health and for the benefit of residents first, foremost and the only reason Deep River actively manages a forest property. Revenue should not influence decisions to undertake management or the type of management that will occur. | Forest management aims to fulfill ecological, economical and social values. Any recommended forest management activities are in line with provincial standard practices of silviculture, with the intent of improving forest health over time. |
| | Forest certification does not seem worthwhile for the scope of forest management in Deep River. | Town Council can investigate further through the EOMF if interested in obtaining forest certification. |
| Resident 2 | Hope for strong recommendations on retention of trees in newly developed areas. | See Section 4 of the draft FMP. |

| Comment by | Summary of Comment(s) | Response |
|---|---|---|
| | Will the plan include suggestions about replanting currently sparsely-treed areas? | Yes, Appendix 2 recommends specific opportunities for tree planting in Urban Forest Patches. It is recommended that all street trees that need to be removed be replaced with another tree, preferably before removal. |
| | Will the plan include detailed tree maps for different parts of town? | Yes, a map of street trees is included in Appendix 5 and relates to data in Appendix 4. Urban Forest Patches are mapped in Appendix 3 and relates to data in Appendix 2. |
| | Are there any plans for the west side of McAnulty Road? | This area is not owned by the Town of Deep River. Land on the east side of the road is included in the plan for forest management activities. |
| | Is there a financial provision set aside for tree management? | Plan Authors defer to Town staff |
| | Can a map of the town and its streets be added to www.deepriver.ca? | Plan Authors defer to Town staff |

**Phase III, April 2013**: After the draft FMP is reviewed by Council, necessary edits will be made before inviting a public review. The public will engaged through a means deemed most effective and appropriate by Council. This will include making this draft FMP available for public review in person at Town Hall and online at www.deepriver.ca for a 30-day review period.

An open house will be scheduled for ****, where plan authors and Public Works staff will be available to answer questions and offer information in person.

Any comments received will be brought to Council for review and discussion before producing the final FMP.

# Appendix 1

## Acronyms & Glossary

# APPENDIX 1: ACRONYMS LIST AND GLOSSARY OF TERMS

ATV All-Terrain Vehicle

DBH Diameter at Breast Height, a measurement in centimeters typically taken at 1.3m of the tree's height.

DSV Dog-Strangling Vine, an invasive plant species

EAB Emerald Ash Borer, an invasive insect

EOMF Eastern Ontario Model Forest

FSC Forest Stewardship Council

FMP Forest Management Plan

FOP Forest Operation Prescription

| | |
|---|---|
| Invasive species | Plants, animals and micro-organisms that have been accidentally or deliberately introduced into areas beyond their native range. The introduction and spread of these species can negatively impact native biodiversity, the economy and/or society, including, in some cases, human health. |
| Large Forest Areas | 5 are identified. All are larger than 9 hectares in size. |
| Objective | High-level statements describing desired outcomes intended to be achieved through implementation of the FMP. |
| Strategy | Means in which objectives are achieved. Implemented during the development of the FMP or during the 10-year term of the plan. |
| Street Tree | Trees growing singularly on town-owned property or in groups of 10 or less |
| Urban Forest Patches | Groups of trees growing in groups of more than 10, such as parks, back laneways, access areas and other treed areas |

# Appendix 2

## Urban Forest Patch Recommendations

| Patch # | Registered Location | Unofficial Name | Area (ha) | Area (ac) | Priority | Reason for Priority | Action | Regeneration Recommendations | Other Recommendations |
|---|---|---|---|---|---|---|---|---|---|
| 1 | PLAN 287 BLK E | Algonquin Crescent Central Court | 0.09 | 0.22 | S | Jack pine removal/replace in < 5 years. | Remove hazardous jack pine, plant new trees, prune back soft maple. | Planting opportunities - a lot of available space. | |
| 2 | MCELLIGOTT DR | Arena and Parking Lot | 1.35 | 3.33 | I | Several dead/dying Pr, Pj, Po at risk of falling. | Trees should be assessed and marked for removal. Removal could be done by public works staff. | None. Natural regeneration occurring. | |
| 3 | GROUSE CRT | Behind Grouse Court | 0.53 | 1.30 | S | Pj/Po hazards within range of properties | Remove hazards - many have already fallen. Prone to windthrow due to sandy site. | None. Planted and natural regeneration occurring. | Dumping is still occurring despite gate and sign. |
| 4 | BEACH AVE | Bill Rounding Park | 9.64 | 23.81 | I | Dead trees by swing set are high risk. | Monitor/remove dead/dying/leaning trees along trail and field. Fence by swing set has already been damaged. | Replace specimen trees. Natural already occurring in forested area. | Overmature Po could be commercially harvested. Other trees should be assessed and marked for removal. If so, map and protect streams. |
| 5 | PLAN 503 BLK A | Beatty Cres/Thomas | 0.15 | 0.38 | S | Declining Pj overstory adjacent to hydro line | Remove Pj overstory or risk manage/repair lines as required. | None. Natural white pine and white spruce already established. | |
| 6 | HILLCREST AVE | Birch-Maple Courtyard | 0.36 | 0.90 | S | Pj near path and house could fall any time but looks as though many have been removed | Monitor Pj and remove as necessary. | Could plant at Hillcrest end. Natural poplar and oak regeneration in blowdown area. | Encourage community to pull invasives. Periwinkle and Russian Olive are invading from garden waste. |
| 7 | PLAN 324 BLK WW | Cabot Central Court | 0.13 | 0.31 | N | No hazards | Establish more trees. | Planting opportunities for > 10 trees | |
| 8 | 23-25 RIDGE RD | Community Centre and Campus | 1.77 | 4.37 | S | No immediate hazards but high liability due to playground | Monitor for decline around playground and Pw on east side of building. Pr have thinning crowns. | Succession planting at playground | |
| 9 | CHADWICK DR | Chadwick to Ski Hill | 0.16 | 0.39 | S | Pj leaning toward house, Po with broken top | Monitor and remove/clean up as necessary. Low importance. Major hazards have already been removed/fallen. | None. Natural regeneration occurring. | |

| Patch # | Registered Location | Unofficial Name | Area (ha) | Area (ac) | Priority | Reason for Priority | Action | Regeneration Recommendations | Other Recommendations |
|---|---|---|---|---|---|---|---|---|---|
| 10 | PLAN 289 LOT 356 | Deep River Rd Main Corner | 0.22 | 0.55 | S | Northeast corner: smaller maples and Pr are declining | Monitor declining trees and remove as necessary. Succession plant. | Room to plant 3-4 trees in northeast corner and 2-3 in southeast | |
| 11 | PLAN 298 BLK P | Faraday and Rutherford | 1.04 | 2.57 | I | South entrance PoMrBw hazards, large interior Pw nearly dead. | Remove hazards | Could underplant white pine but tending would be required. Natural red maple/other hardwood regeneration occurring. | Discourage garden dumping. Goutweed and periwinkle are invading. There is heavy use/encroachment by adjacent landowners. |
| 12 | RUTHERFORD AVE | Rutherford and Thomson | 0.86 | 2.12 | I | Dead Pr at Thompson/Rutherford end should be removed | Remove hazard tree and monitor other Pj/Pr near houses/swing set | Planting opportunities at Thompson/Rutherford end | |
| 13 | PLAN 320 PT BLK RR RP 49R9878 PARTS 8 12 & 14 | Rutherford footpath to HWY 17 | 0.09 | 0.22 | I | Pj leaning toward house, hydro hazards | Remove hazards. Declining Bw and Po will be problem in near future. Plant where recent removals have occurred at Rutherford. | Could plant 5-6 trees@ Rutherford end. | |
| 14 | PLAN 293 PT BLK K | Wolfe and Huron Laneway | 0.41 | 1.01 | M | No immediate hazards. Pr at south end declining. | Monitor Pr/Pj at south end. | Could plant 3-4 trees at playground. Laneway is naturally regenerating. | |
| 15 | PLAN 296 BLK N | Thomson Wolfe Laneway | 0.56 | 1.37 | I | A few dead/dying trees should be removed now. | Other hazards (Po, Pj near houses) should be monitored and removed in <5 years | Not necessary. | Yard waste and garbage are a problem in this area. |
| 16 | RIDGE RD | Ridge Road at Cabot | 0.16 | 0.40 | S | Bw near hydro line | Worst hazards have been removed. Remove Bw in <5 years. Succession plant. | Could plant 5-10 trees well away from hydro lines. | |
| 17 | PLAN 331 BLK F PLAN 389 BLK A | Between Frontenac and Thomas | 5.88 | 14.52 | S | Pj and some Po behind Thomas Street leaning toward and within striking distance of houses. | Decide if going to manage proactively/reactively. If proactive, evaluate and remove leaning Pj. Monitor Po - some hazards along trail. | None. Natural white pine regeneration. | Heavy use by adjacent landowners: treehouse, garbage, garden dumpings and resultant invasive plants. |

| Patch # | Registered Location | Unofficial Name | Area (ha) | Area (ac) | Priority | Reason for Priority | Action | Regeneration Recommendations | Other Recommendations |
|---|---|---|---|---|---|---|---|---|---|
| 18 | CHADWICK DR | Fermi Lane at Thomas | 0.17 | 0.43 | M | Declining Pj/Po, some dead/fallen. No immediate hazards to property value. | Monitor. May have to clean up some fallen/dead trees in 5-10 years. | Not necessary. | Heavy use by adjacent landowners: composts/gardens/ garbage. |
| 19 | PLAN 313 BLK DD | Glendale at Kelvin Crescent | 0.13 | 0.32 | N | No hazards | None at this time. | Not necessary. | |
| 21 | RIDGE RD | Hill Park | 3.03 | 7.48 | S | A few trees will need removal in <5 years | Monitor. Declining trees are not immediately endangering anything. | Plant windbreak of multiple native species around park. | Could remove non-natives (Scot's pine, Norway maple) and replace with natives. |
| 22 | PLAN 317 BLK HH PT | Lemure Beach | 4.41 | 10.89 | I | Garlic mustard invasion | Monitor and remove garlic mustard to protect ecosystem function | None. Naturally regenerating where brushing does not occur. | Some potential hazards in beach area. Monitor and remove as necessary. |
| 23 | RIVER RD | Marina Parking Lot | 0.25 | 0.62 | N | Hazards have already been removed | Plant trees | Planting opportunities along River Road. | |
| 24 | 30 LAKESIDE DR | Keys Conference Centre | 1.84 | 4.54 | S | Po along River Rd. Mr near log house #6 - leaning away. | Monitor Po | None. Natural regeneration occurring. | |
| 25 | BROCKHOUSE WAY | Waterfront Lands | 1.24 | 3.07 | I | Large rotting Pw along road | Remove current Pw hazard and monitor other declining/previously marked Pw | Planting opportunities exist. Encourage natural red oak regeneration that is occurring (protect during brushing). | Watercress (a potentially invasive plant) has become well-established from a drainage run-off. Monitor to ensure does not creep into Ottawa River. |
| 26 | 176 RIVER RD | Water Treatment Plant Lands | 6.21 | 15.33 | N | No hazards | Monitor for hazards along private laneway and around treatment plant or risk manage | Not necessary. Naturally functioning ecosystem with balsam fir understory. | |

| Patch # | Registered Location | Unofficial Name | Area (ha) | Area (ac) | Priority | Reason for Priority | Action | Regeneration Recommendations | Other Recommendations |
|---|---|---|---|---|---|---|---|---|---|
| 27 | 152A PINE POINT RD | Pine Point Beach Area | 1.00 | 2.47 | I | Pj hung up on hydro line | Continue to remove worst hazards, one on line is priority. | None. Some natural regeneration is occurring and should be encouraged. Planted stock would likely struggle in this high traffic, sandy area. | |
| 28 | PLAN 312 BLK EE | Rabbit Rock | 0.68 | 1.67 | N | Declining Po are likely to fall but aren't endangering anything. Contribute to wildlife. | None required. | None. Natural regeneration occurring. | Encourage community to pull invasives. Goutweed is invading from garden waste. |
| 29 | BEACH AVE | Parkdale at Hillcrest | 0.13 | 0.33 | S | Declining Pj leaning toward houses. | Monitor and remove Pj as conditions deteriorate. | None. Natural regeneration occurring. | |
| 30 | HILLCREST AVE | Hillcrest Laneway | 0.62 | 1.52 | I | Pw in laneway with broken forks and high levels of rot and dead trees in close proximity to houses. | Remove hazardous Pw. | Planting potential for 4-5 trees at north end. | Discourage garden dumping. Invasive weeds are spreading. |
| 31 | PLAN 302 BLK Q | Town Hall Triangle | 0.73 | 1.79 | S | Christmas Spruce in declining health. Several specimen ash trees. | Underplant Christmas spruce. Preventatively treat ash with Treeazin if wish to retain (emerald ash borer) | Should succession plant Christmas spruce (it is declining). | If vacant land is to remain vacant, could plant. |
| 32 | HILLCREST AVE | Silvie Street Parkette | 0.13 | 0.31 | S | Large Pw (some already marked) in close proximity to play structures | Monitor yearly due to high liability associated with playground. One dead Mr on Iberville but top already broken off. | Planting opportunities exist - should succession plant for white pine. | |
| 33 | 126 DEEP RIVER RD | Water Tower along Highway | 0.57 | 1.41 | S | Pr/Pj/Pw adjacent to water tower | Monitor pine for decline and remove before damage to water tower occurs. | Plant succession trees for iconic pine on corner or encourage naturally regenerating Pw near by tending. | Invasive species management of locust would be beneficial. |

| Patch # | Registered Location | Unofficial Name | Area (ha) | Area (ac) | Priority | Reason for Priority | Action | Regeneration Recommendations | Other Recommendations |
|---|---|---|---|---|---|---|---|---|---|
| 34 | PLAN 415 PT BLK A RP49R3695 PART 2 | Highway 17 at Ridge Road | 0.36 | 0.89 | S | Declining Po near houses and presence of invasive garlic mustard. | Monitor declining Po and Pr near houses. Remove garlic mustard. | None. Naturally regenerating. | Pr is merchantable. Could commercially harvest. |
| 35 | PLAN 415 PT BLK A RP49R3695 PART 2 | Hammond at Ridge | 0.09 | 0.23 | I | Dead Pr leaning towards house | Remove dead Pr | Not necessary. | |
| 36 | 55 RIDGE RD | Library | 0.24 | 0.59 | N | No hazards | Plant trees | Planting opportunity in road medians. | |
| 37 | PLAN 290 BLK G | Spruce Crescent Central Court | 0.12 | 0.28 | S | Declining Pj | 4 Pj should be removed in 3-5 yrs | Succession planting opportunities for 3-4 trees. | |
| 38 | PLAN 291 BLK H PART | Forest Ridge Alley | 0.14 | 0.34 | I | 8-10 dead/dying Pj | Remove Pj. | Could underplant white pine or oak after jack pine removal but would require monitoring/tending. Some natural regeneration occurring. | Discourage garden dumping. Goutweed and periwinkle are invading. |
| 39 | RIDGE RD | Ridge Road across from MacDonald | 0.04 | 0.10 | S | Pj near house | Continue to monitor Pj and remove as necessary. | None. Naturally regenerating. | |
| 40 | PLAN 316 BLK KK PARKLAND | Mountain View and Ridge Road | 0.18 | 0.44 | N | No hazards | None | Planting opportunities exist. | |
| 41 | RIDGE RD | Ridge Road Across from Avon | 0.39 | 0.95 | M | No current hazards | Area was heavily damaged in 2006. No current hazard, monitor remaining Pw. | Not necessary. Good natural regeneration occurring. | Lots of locust growing fast. Could consider brushing to remove safety liability created by sharp spines. |
| 42 | MCELLIGOTT DR | McElligote across from the Legion | 0.93 | 2.29 | S | Pj and Po near hydro lines. Many hazards along road. | Remove hazards as time allows. Some merchantable timber. | Not necessary. Natural regeneration occurring. | Consider utilizing salvaged timber. |
| 43 | MCELLIGOTT DR | McElligote near Anglican Church | 0.29 | 0.71 | S | Pj on both sides of road allowance and within patch | Monitor and remove declining Pj within next 5 years. | Not necessary. Understory already established. | |
| 44 | HILLCREST AVE | Maple-Glendale | 0.27 | 0.66 | I | Declining/dead Pj | Remove ~10 hazardous Pj. Could fall at any time. | Succession planting opportunities exist. | |

| Patch # | Registered Location | Unofficial Name | Area (ha) | Area (ac) | Priority | Reason for Priority | Action | Regeneration Recommendations | Other Recommendations |
|---|---|---|---|---|---|---|---|---|---|
| 45 | 114 THOMAS ST | Thomas at Cipriani | 0.96 | 2.37 | S | Declining Po near homes | Monitor Po near houses and remove as necessary. | None. Naturally regenerating. | Discourage dumping of garden waste and encourage invasive species pulls. Goutweed is invading. |
| 46 | BEACH AVE | Beach Ave Vacant Lot | 0.09 | 0.23 | N | No hazards at this time. | Longterm: fell any Po that could fall on houses. There is a high ash component here but natural regeneration of other species. | None. Naturally regenerating. | |
| 47 | PLAN 317 BLK 2 | Sewage Plant | 2.18 | 5.40 | N | No hazards | None | None. Naturally regenerating. | |
| 48 | RIDGE RD | Avon and Cabot | 0.04 | 0.10 | N | No hazards | | Planting opportunities for 3-4 trees but consider foot traffic. | |
| 49 | AVON RD | Avon Road | 0.12 | 0.30 | S | Pj on south side, leaning toward house. | Remove Pj in <5 years. | Planting opportunities for 10-15 trees | |
| 50 | RANGE A PT LOT 47 RP49R 14304 PART 8 | Banting Swamp | 1.64 | 4.06 | N | Not forested | None | N/a | |
| 51 | RANGE A PT LOT 47 RP49R 14304 PTS 3 4 & 5 | Banting & HW17 | 0.67 | 1.64 | N | Natural, mixed conifer stand. | None required. | Not necessary. Natural forest area. | Could utilize Ce poles for local projects as needed. |
| 52 | Trail off Boundary Road | Boundary trail | 0.86 | 2.11 | N | No potential impacts. | None required. | n/a | |
| 57 | CHADWICK DR | Chadwick Hydro Line | 0.61 | 1.52 | M | Po at bottom of Chadwick hill w/broken top. Pj dead/dying. | No immediate action required. Many trees fallen already, not impacting anything. Hydro has kept hazards clear. | None. Naturally regenerating. | Invasive locust is present. Could brush to reduce spread and potential safety hazard along trail of sharp spines. Questionable location of landowner fence at east end. |
| 58 | PLAN 458 BLK B | Thomas to Pine Point Path | 0.08 | 0.20 | N | Narrow strip with trail and few trees | None required. Ownership of few large Po difficult to determine. | None. Naturally regenerating. | |

| Patch # | Registered Location | Unofficial Name | Area (ha) | Area (ac) | Priority | Reason for Priority | Action | Regeneration Recommendations | Other Recommendations |
|---|---|---|---|---|---|---|---|---|---|
| 59 | PLAN 283 LOT 126 | Glendale to McElligott | 0.07 | 0.17 | M | Pj in fairly good health at this time. | Monitor Pj or let Hydro maintain | Planting opportunity for 1-2 specimen trees. | |
| 60 | C D HOWE DR | CD Howe | 0.32 | 0.79 | N | Not treed | None required. | n/a | |
| 61 | RANGE B PT LOT 9 AND 10 OTTAWA RIVER BED (IN FRONT | Property at the bottom of Ski Hill | 0.67 | 1.65 | N | No values to impact. | Some trees at risk of windthrow but will not impact anything. | Not necessary. | |
| 62 | 5 CEDAR RD | Sewage plant to Pine Point Trail | 11.41 | 28.19 | N | Natural mortality occurring but low risk area | None. Trail maintenance, if in mandate, would include clearing of fallen trees over time. | None. Naturally regenerating. | |
| 63 | PLAN 522 Block 14 | Double Dip Road | 0.06 | 0.15 | N | No hazards at this time. | None | None. Naturally regenerating. | |
| 64 | Not recorded | Walker Road Allowance | 1.10 | 2.72 | N | No potential impacts | None | None. Naturally regenerating. | |
| 65 | Numerous | Avon Road Allowance | 0.10 | 0.25 | N | No potential impacts | None | None. Naturally regenerating. | |
| 66 | PLAN 448 PT LOT 2 RP 49R1708 P | Tamarack Street | 0.04 | 0.10 | N | No potential impacts | None | Planting opportunities exist, most of lot open. | |
| *TOTAL AREA* | | | *68.57* | *169.36* | | | | | |

| Acronym Key | | |
|---|---|---|
| | I | Immediate action required |
| | S | Action required in the short-term (2013-2018) |
| | M | Action required in the medium-term (2018-2023) |
| | N | No action required during the plan term |
| | ha | Hectare |
| | ac | Acre |
| | Bw | White birch |
| | Ce | Eastern white cedar |
| | Mr | Red maple |
| | Pj | Jack pine |
| | Po | Poplar |
| | Pr | Red pine |

# Appendix 3

## Urban Forest Patch Map

# Deep River Urban Forest Patches
# 2013-2023 Forest Management Plan

N

## Legend

### Urban Forest Patches

- Immediate Priority (ASAP)
- Short-term Priority (2013-2018)
- Medium-term Priority (2018-2023)
- No Action Required
- Invasive Species
- County Road
- Private Road
- Provincial Highway
- Municipal Maintained Road
- Municipal Seasonal Road
- Crown Road
- Water
- Permanent Stream/River
- Intermittent Stream
- Wetland

**Note: Number labels signify Urban Forest Patch ID, corresponding to data contained in Appendix 2.**

0 0.25 0.5 1 Kilometers

Produced by:
County of Renfrew Development and
Property Department
9 International Drive
Pembroke, Ontario K8A 6W5

Sources:
Base Data: With Data supplied under Licence by Members of the Ontario Geospatial Data Exchange & County of Renfrew
Projection: UTM NAD83 Zone 18

This map is illustrative only. Do not rely on it as being a precise indicator of routes, locations of features, nor as a guide to navigation. The County of Renfrew shall not be liable in any way for the use of, or reliance upon, this map or any information on this map.

February 9, 2013

# Appendix 4

## Street Tree Recommendations

## Notes on Appendix 4

**Tree ID** field corresponds to mapped point labels in Appendix 5.

**Easting/Northing** relates to GPS coordinates as recorded for each tree location, using UTM 18 NAD83.
**DBH** is the diameter of the tree at breast height, typically 1.3m. It is represented as a range, in centimeters.

| Tree Species Key | |
|---|---|
| **Abbreviated** | **Description** |
| Ash (all) | All species of ash (*Fraxinus* sp.) |
| Bd | American basswood |
| Be | Americian beech |
| Bf | Balsam fir |
| Bw | White birch |
| By | Yellow birch |
| Ce | Eastern white cedar |
| Crab/Prunus | Crab apple, apple, cherry trees |
| La | Eastern larch (Tamerack) |
| Lilac | Lilac |
| Locust | All species of locust |
| M Norway | Norway maple |
| Mh | Sugar maple |
| Mm | Manitoba maple |
| Mr | Red maple |
| Ms (silver) | Silver maple |
| Mugho Pine | Mugho pine |
| Ob | Bur oak |
| Or | Red oak |
| Other | Other species |
| Pb | Balsam poplar |
| Pj | Jack pine |
| Pl | Largetoothed aspen or loblardy poplar |
| Po | Poplar, general |
| Pr | Red pine |
| Ps | Scot's (Scotch) pine |
| Pt | Trembling aspen |
| Pw | White pine |
| S blue | Blue (Colorado) spruce |
| S Norway | Norway spruce |
| Sw | White spruce |

| Defect Key | | |
|---|---|---|
| **Defect** | **Level** | **Description** |
| Lean | 1 | Slight or minor <15$^{o}$ from vertical but no danger of falling. |
| | 2 | Slight or minor <15$^{o}$ from vertical with some evidence of root mounding or soil cracking away from the lean. |
| | 3 | Serious lean >15$^{o}$ from vertical. |
| Crown Balance | 1 | Crown slightly asymmetrical. |
| | 2 | Crown unbalanced or lopsided with 75%-90% of the crown volume on one side. |
| | 3 | Crown severely asymmetrical where it clearly places damaging stress on the main stem or root system. >90% of crown volume is on one side. |
| Rot | 1 | Rot cavity is 1/8 to 1/4 of the trunk diameter. |
| | 2 | Rot cavity is 1/4 to 1/2 of the trunk diameter. |
| | 3 | Rot cavity is more than 1/2 of the trunk diameter. |
| Cracks | 1 | One minor crack extends into the stem (enters the wood not just the bark) bod does not extend more than 1/2 of the distance to the centre of the stem. |
| | 2 | Two or more minor cracks without other defects in contact with the cracks. |
| | 3 | A crack or cracks in contact with another defect such as lean; or a deep crack where 1/2 or more of the tree diameter is structurally compromised. |
| Conks | | Present or None |
| Coppice Stems | | Present (multiple stems from one source) or None |
| V Stems | 1 | V-shaped union between branch and main stem. Branch 1/2 diameter of stem. |
| | 2 | V-shaped union where branch is >1/2 diameter of main stem but no breakage. |
| | 3 | V-shaped union with cracks and/or breakage. |
| Wire Conflict | | Desribes if wires are present and if there is present or future conflict. |
| Conflict road/swalk | | Descibes the level of conflict with trees and adjacent roads or sidewalks. |

| Tree ID | Easting | Northing | Street | Nearest Address | Site Location | Tree Species | DBH (cm) | Foliage Condition | Lean | Crown Balance | Rot | Cracks | Conks | Coppice Stems | V stems | Wire Conflict | Conflict road/swalk | Management Recommendation | Comment |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 307555 | 5108530 | ALDER CRES | 7 | Front Yard | Bd | 10-24 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 2 | 307517 | 5108545 | ALDER CRES | 12 | Front Yard | M Norway | 10-24 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 3 | 307509 | 5108546 | ALDER CRES | 12 | Front Yard | M Norway | 10-24 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 4 | 307527 | 5108557 | ALDER CRES | 13 | Front Yard | Crab/Prunus | 35-48 | Healthy | 0 | 0 | 0 | 0 | None | None | 1 | None | None | Leave | |
| 5 | 307525 | 5108565 | ALDER CRES | 13 | Front Yard | Mr | 25-34 | Healthy | 0 | 0 | 0 | 0 | None | None | 1 | None | None | Leave | |
| 6 | 307518 | 5108566 | ALDER CRES | 13 | Front Yard | M Norway | 10-24 | Healthy | 0 | 0 | 1 | 0 | None | Present | 1 | None | None | Leave | |
| 7 | 307490 | 5108580 | ALDER CRES | 17 | Front Yard | Pr | >48 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Remove 2019-2023 | |
| 8 | 307420 | 5108637 | ALDER CRES | 29 | Front Yard | Mr | 10-24 | Healthy | 0 | 0 | 0 | 0 | None | None | 1 | None | None | Leave | |
| 9 | 307409 | 5108644 | ALDER CRES | 29 | Front Yard | M Norway | 10-24 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 10 | 307394 | 5108658 | ALDER CRES | 33 | Front Yard | Bw | 25-34 | Healthy | 0 | 0 | 1 | 0 | None | None | 0 | None | None | Remove 2013-2018 | Branch towards house could be trimmed |
| 11 | 307394 | 5108659 | ALDER CRES | 33 | Front Yard | Bw | 25-34 | Healthy | 1 | 0 | 0 | 0 | None | None | 1 | None | None | Remove 2013-2018 | |
| 12 | 307387 | 5108663 | ALDER CRES | 33 | Front Yard | Bw | 25-34 | Healthy | 1 | 0 | 0 | 0 | None | None | 1 | None | None | Remove 2013-2018 | |
| 13 | 307386 | 5108663 | ALDER CRES | 33 | Front Yard | Bw | 25-34 | Healthy | 1 | 0 | 0 | 0 | None | None | 1 | None | None | Remove 2013-2018 | Leaning toward house |
| 14 | 307377 | 5108662 | ALDER CRES | 33 | Front Yard | Sw | >48 | Thinning | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Remove 2013-2018 | |
| 15 | 307325 | 5108668 | ALDER CRES | 41 | Front Yard | Crab/Prunus | 35-48 | Healthy | 0 | 0 | 1 | 1 | None | None | 1 | None | None | Leave | |
| 16 | 307305 | 5108642 | ALDER CRES | 48 | Front Yard | S blue | 25-34 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 17 | 307290 | 5108633 | ALDER CRES | 50 | Front Yard | Mr | 10-24 | Healthy | 0 | 0 | 1 | 1 | None | Present | 1 | None | None | Remove 2019-2023 | |
| 18 | 307270 | 5108621 | ALDER CRES | 54 | Front Yard | Bf | 10-24 | Healthy | 0 | 3 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 19 | 307270 | 5108620 | ALDER CRES | 54 | Front Yard | S blue | 25-34 | Healthy | 0 | 3 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 20 | 307219 | 5108570 | ALDER CRES | 63 | Front Yard | Crab/Prunus | <10 | Healthy | 1 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 21 | 306868 | 5108909 | ALEXANDER PL | 4 | Front Yard | Ce | 10-24 | Healthy | 0 | 2 | 0 | 0 | None | Present | 0 | None | None | Leave | |
| 22 | 307892 | 5108034 | ALGONQUIN ST | 0 | Other maintained | Pw | >48 | Healthy | 0 | 0 | 0 | 0 | None | None | 2 | None | None | Remove 2019-2023 | |
| 23 | 307879 | 5108030 | ALGONQUIN ST | 0 | Other maintained | Pw | >48 | Declining | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Remove 2013-2018 | |
| 24 | 307874 | 5108029 | ALGONQUIN ST | 0 | Other maintained | Pw | >48 | Healthy | 1 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 25 | 307866 | 5108018 | ALGONQUIN ST | 0 | Other maintained | Pj | 35-48 | Declining | 1 | 2 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 26 | 307861 | 5108038 | ALGONQUIN ST | 0 | Other maintained | Pr | <10 | Healthy | 1 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 27 | 307871 | 5108040 | ALGONQUIN ST | 0 | Other maintained | Pj | <10 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 28 | 307858 | 5108007 | ALGONQUIN ST | 0 | Other maintained | Ms (silver) | >48 | Healthy | 3 | 0 | 0 | 0 | Present | None | 3 | None | None | Leave | Could trim over road |
| 29 | 307981 | 5108035 | ALGONQUIN ST | 39 | Side Yard | Pw | >48 | Healthy | 0 | 2 | 0 | 1 | None | None | 1 | Present, no conflict | None | Remove 2013-2018 | Algonquin Street |
| 30 | 307981 | 5108035 | ALGONQUIN ST | 39 | Side Yard | Mr | <10 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | Algonquin Street |
| 31 | 307969 | 5108054 | ALGONQUIN ST | 39 | Front Yard | Mr | <10 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | clump of 3 |
| 32 | 307967 | 5108048 | ALGONQUIN ST | 39 | Front Yard | Ce | >48 | Healthy | 0 | 1 | 0 | 1 | None | None | 3 | None | None | Remove 2019-2023 | lean to house |
| 33 | 307962 | 5108049 | ALGONQUIN ST | 39 | Front Yard | Sw | 35-48 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 34 | 307948 | 5108041 | ALGONQUIN ST | 39 | Front Yard | Mr | <10 | Healthy | 0 | 3 | 0 | 0 | None | None | 0 | None | None | Leave | |

| Tree ID | Easting | Northing | Street | Nearest Address | Site Location | Tree Species | DBH (cm) | Foliage Condition | Lean | Crown Balance | Rot | Cracks | Conks | Coppice Stems | V stems | Wire Conflict | Conflict road/swalk | Management Recommendation | Comment |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 35 | 307942 | 5108037 | ALGONQUIN ST | 43 | Front Yard | S blue | <10 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 36 | 307933 | 5108036 | ALGONQUIN ST | 43 | Front Yard | Ce | 10-24 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | clump of 4 |
| 37 | 307920 | 5108042 | ALGONQUIN ST | 44 | Front Yard | Mr | 10-24 | Healthy | 0 | 0 | 0 | 0 | None | None | 1 | None | None | Leave | |
| 38 | 307915 | 5108038 | ALGONQUIN ST | 47 | Front Yard | Mh | 10-24 | Healthy | 0 | 0 | 0 | 0 | None | None | 3 | None | None | Leave | |
| 39 | 307902 | 5108016 | ALGONQUIN ST | 47 | Other maintained | Ce | <10 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | clump of 3 |
| 40 | 307834 | 5107987 | ALGONQUIN ST | 58 | Front Yard | Pt | 10-24 | Healthy | 0 | 0 | 0 | 0 | None | Present | 0 | None | None | Leave | Multiple trees present |
| 41 | 307791 | 5107944 | ALGONQUIN ST | 63 | Side Yard | Other | 10-24 | Healthy | 0 | 0 | 0 | 0 | None | None | 1 | Present, no conflict | None | Leave | 63 Algonquin side yard |
| 42 | 307794 | 5107917 | ALGONQUIN ST | 63 | Side Yard | Mr | 25-34 | Healthy | 0 | 0 | 1 | 1 | None | None | 3 | Present, no conflict | None | Remove 2013-2018 | |
| 43 | 307718 | 5107951 | ALGONQUIN ST | 70 | Front Yard | Mr | 25-34 | Healthy | 0 | 0 | 0 | 1 | None | None | 3 | None | None | Leave | |
| 44 | 307708 | 5107945 | ALGONQUIN ST | 70 | Front Yard | Ce | <10 | Healthy | 0 | 0 | 0 | 1 | None | None | 0 | None | None | Leave | |
| 45 | 307683 | 5107924 | ALGONQUIN ST | 75 | Front Yard | Sw | 25-34 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 46 | 307589 | 5107915 | ALGONQUIN ST | 88 | Front Yard | Pr | 35-48 | Declining | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Remove 2013-2018 | |
| 47 | 307584 | 5107918 | ALGONQUIN ST | 88 | Front Yard | La | 35-48 | Healthy | 0 | 0 | 0 | 0 | None | None | 1 | None | Low | Leave | |
| 48 | 307553 | 5107894 | ALGONQUIN ST | 93 | Front Yard | S blue | <10 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 49 | 307496 | 5107936 | ALGONQUIN ST | 102 | Front Yard | Ce | <10 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 50 | 307496 | 5107937 | ALGONQUIN ST | 102 | Front Yard | Bw | 25-34 | Healthy | 1 | 3 | 0 | 0 | None | None | 1 | None | None | Leave | |
| 51 | 307496 | 5107937 | ALGONQUIN ST | 102 | Front Yard | Ce | 10-24 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 52 | 307494 | 5107938 | ALGONQUIN ST | 102 | Front Yard | Or | >48 | Healthy | 0 | 0 | 0 | 0 | None | None | 1 | None | Medium | Leave | Large branch towards house |
| 53 | 307512 | 5107901 | ALGONQUIN ST | 103 | Front Yard | M Norway | <10 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 54 | 307458 | 5107943 | ALGONQUIN ST | 113 | Front Yard | Crab/Prunus | 10-24 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 55 | 307438 | 5107978 | ALGONQUIN ST | 114 | Front Yard | Crab/Prunus | <10 | Healthy | 0 | 0 | 0 | 0 | None | Present | 0 | None | None | Leave | |
| 56 | 307432 | 5107980 | ALGONQUIN ST | 116 | Front Yard | Or | >48 | Healthy | 0 | 0 | 0 | 2 | None | None | 1 | None | None | Leave | |
| 57 | 307423 | 5107991 | ALGONQUIN ST | 116 | Front Yard | Crab/Prunus | <10 | Healthy | 0 | 0 | 0 | 0 | None | None | 1 | None | None | Leave | |
| 58 | 306339 | 5109117 | AVON CRES | 0 | Other unmaintained | Pw | <10 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 59 | 306339 | 5109117 | AVON CRES | 0 | Other unmaintained | Sw | 10-24 | Healthy | 0 | 1 | 0 | 0 | None | None | 3 | None | None | Leave | |
| 60 | 306339 | 5109117 | AVON CRES | 0 | Other unmaintained | Pj | 35-48 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 61 | 306339 | 5109117 | AVON CRES | 0 | Other unmaintained | Pj | 35-48 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Remove 2019-2023 | |
| 62 | 306339 | 5109117 | AVON CRES | 0 | Other unmaintained | Pj | 35-48 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Remove 2019-2023 | |
| 63 | 306339 | 5109117 | AVON CRES | 0 | Other unmaintained | Pw | 25-34 | Healthy | 0 | 1 | 0 | 0 | None | None | 1 | None | None | Leave | |
| 64 | 306339 | 5109117 | AVON CRES | 0 | Other unmaintained | Pw | 25-34 | Healthy | 0 | 1 | 0 | 0 | None | None | 1 | None | None | Leave | |
| 65 | 306339 | 5109117 | AVON CRES | 0 | Other unmaintained | Pw | 25-34 | Healthy | 0 | 1 | 0 | 0 | None | None | 1 | None | None | Leave | |
| 66 | 306339 | 5109117 | AVON CRES | 0 | Other unmaintained | Mr | 10-24 | Healthy | 0 | 1 | 0 | 0 | None | None | 2 | None | None | Leave | |
| 67 | 306339 | 5109117 | AVON CRES | 0 | Other unmaintained | Mm | 10-24 | Healthy | 2 | 2 | 0 | 0 | None | Present | 1 | None | None | Leave | |
| 68 | 306339 | 5109117 | AVON CRES | 0 | Other unmaintained | Pj | 10-24 | Unhealthy | 1 | 1 | 0 | 0 | None | None | 1 | None | None | Remove 2019-2023 | |

| Tree ID | Easting | Northing | Street | Nearest Address | Site Location | Tree Species | DBH (cm) | Foliage Condition | Lean | Crown Balance | Rot | Cracks | Conks | Coppice Stems | V stems | Wire Conflict | Conflict road/swalk | Management Recommendation | Comment |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 69 | 306620 | 5108807 | AVON CRES | 4 | Other maintained | Bd | >48 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | Nest present |
| 70 | 306620 | 5108807 | AVON CRES | 4 | Other maintained | Bd | >48 | Healthy | 0 | 1 | 0 | 2 | None | None | 0 | None | None | Leave | Wildlife value |
| 71 | 306620 | 5108808 | AVON CRES | 5 | Other maintained | La | 35-48 | Healthy | 0 | 1 | 0 | 0 | None | None | 1 | None | None | Leave | Metal post growing in tree |
| 72 | 306622 | 5108809 | AVON CRES | 5 | Other maintained | Bd | >48 | Dying | 0 | 2 | 2 | 1 | None | None | 0 | None | None | Remove 2013-2018 | Dead Tree |
| 73 | 306580 | 5108842 | AVON CRES | 7 | Front Yard | S blue | 25-34 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 74 | 306536 | 5108945 | AVON CRES | 11 | Front Yard | Pr | >48 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | Corner of Claremont |
| 75 | 306534 | 5108945 | AVON CRES | 11 | Front Yard | Pr | 35-48 | Healthy | 0 | 1 | 2 | 1 | None | None | 0 | None | None | Leave | |
| 76 | 306530 | 5108943 | AVON CRES | 11 | Front Yard | Pr | >48 | Healthy | 2 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | Crook |
| 77 | 306531 | 5108938 | AVON CRES | 11 | Front Yard | Sw | 10-24 | Healthy | 0 | 2 | 0 | 0 | None | None | 0 | None | None | Leave | Sap sucker damage |
| 78 | 306516 | 5108954 | AVON CRES | 30 | Front Yard | Mr | 35-48 | Healthy | 0 | 1 | 0 | 0 | None | Present | 0 | None | None | Leave | |
| 79 | 306526 | 5108975 | AVON RD | 30 | Front Yard | Mr | 25-34 | Healthy | 0 | 1 | 0 | 0 | None | Present | 0 | None | None | Leave | 8 coppice stems |
| 80 | 306513 | 5108984 | AVON RD | 30 | Front Yard | Bf | 35-48 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 81 | 306504 | 5108993 | AVON RD | 30 | Front Yard | Mr | 25-34 | Healthy | 0 | 1 | 0 | 1 | None | Present | 0 | None | None | Leave | 2 stems |
| 82 | 306530 | 5108961 | AVON RD | 30 | Front Yard | Ce | 10-24 | Healthy | 0 | 1 | 0 | 0 | None | Present | 0 | None | None | Leave | 10 stems |
| 83 | 306216 | 5109171 | AVON ST | 44 | | Pj | 10-24 | Healthy | 1 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 84 | 306216 | 5109171 | AVON ST | 44 | | Po | 10-24 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 85 | 306216 | 5109171 | AVON ST | 44 | | Po | 10-24 | Healthy | 1 | 1 | 0 | 0 | None | None | 0 | No conflict | None | Leave | |
| 86 | 308643 | 5107613 | BANTING DR | 1 | Front Yard | Pj | 10-24 | Declining | 0 | 1 | 0 | 0 | None | Present | 1 | None | None | Leave | |
| 87 | 308643 | 5107613 | BANTING DR | 3 | Front Yard | S blue | 10-24 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 88 | 308665 | 5107612 | BANTING DR | 4 | Front Yard | Mr | 10-24 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 89 | 308706 | 5107549 | BANTING DR | 9 | Front Yard | Mr | 10-24 | Healthy | 0 | 0 | 1 | 1 | Present | None | 2 | None | None | Leave | |
| 90 | 308601 | 5107614 | BANTING DR | 12 | Front Yard | Ce | 10-24 | Healthy | 0 | 0 | 0 | 0 | None | Present | 0 | None | None | Leave | |
| 91 | 308601 | 5107614 | BANTING DR | 12 | Front Yard | Ce | 10-24 | Healthy | 0 | 0 | 0 | 0 | None | Present | 0 | None | None | Leave | |
| 92 | 308001 | 5108374 | BEACH AVE | 1 | Front Yard | Crab/Prunus | 10-24 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 93 | 307980 | 5108375 | BEACH AVE | 1 | Front Yard | Pw | >48 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | Present, no conflict | None | Leave | |
| 94 | 307991 | 5108378 | BEACH AVE | 2 | Front Yard | Bd | <10 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | Basal Lawnmower damage |
| 95 | 308015 | 5108376 | BEACH AVE | 2 | Front Yard | Pw | >48 | Healthy | 1 | 0 | 0 | 0 | None | None | 0 | Present, no conflict | None | Leave | |
| 96 | 308015 | 5108376 | BEACH AVE | 2 | Front Yard | Mr | <10 | Healthy | 0 | 1 | 0 | 0 | None | None | 1 | None | None | Leave | |
| 97 | 308016 | 5108369 | BEACH AVE | 2 | Front Yard | Pr | 35-48 | Healthy | 1 | 0 | 0 | 0 | None | None | 1 | None | None | Remove 2019-2023 | Leaning towards house |
| 98 | 308023 | 5108374 | BEACH AVE | 5 | Front Yard | Ms (silver) | >48 | Healthy | 1 | 2 | 0 | 1 | Present | Present | 3 | Present, no conflict | None | Remove 2013-2018 | Black bark |
| 99 | 308023 | 5108374 | BEACH AVE | 5 | Front Yard | Mr | >48 | Healthy | 1 | 0 | 0 | 0 | None | Present | 2 | Present, no conflict | None | Remove 2019-2023 | |
| 100 | 308042 | 5108352 | BEACH AVE | 8 | Front Yard | Pw | >48 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | Present, no conflict | None | Leave | |
| 101 | 308086 | 5108339 | BEACH AVE | 10 | Front Yard | Pw | >48 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | Present, no conflict | None | Leave | |

| Tree ID | Easting | Northing | Street | Nearest Address | Site Location | Tree Species | DBH (cm) | Foliage Condition | Lean | Crown Balance | Rot | Cracks | Conks | Coppice Stems | V stems | Wire Conflict | Conflict road/swalk | Management Recommendation | Comment |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 102 | 308088 | 5108350 | BEACH AVE | 13 | Front Yard | Pw | >48 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | Present, no conflict | None | Leave | |
| 103 | 308014 | 5108333 | BEACH AVE | 14 | Front Yard | Pw | 35-48 | Healthy | 0 | 3 | 0 | 1 | None | None | 0 | Present, no conflict | None | Remove 2019-2023 | |
| 104 | 308361 | 5108209 | BEACH AVE | 17 | Front Yard | Pw | 10-24 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | Present, no conflict | None | Leave | Telephone wire |
| 105 | 308097 | 5108341 | BEACH AVE | 17 | Front Yard | Pw | >48 | Healthy | 1 | 2 | 0 | 0 | None | None | 0 | None | None | Remove 2013-2018 | Leaning towards house |
| 106 | 308134 | 5108311 | BEACH AVE | 18 | Front Yard | Pw | >48 | Healthy | 1 | 0 | 0 | 0 | None | None | 0 | Present, no conflict | None | Remove ASAP | |
| 107 | 308132 | 5108314 | BEACH AVE | 18 | Front Yard | S Norway | 10-24 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | Present, no conflict | None | Trim | Could be a future conflict |
| 108 | 308361 | 5108209 | BEACH AVE | 21 | Front Yard | Pw | 35-48 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | Present, no conflict | None | Leave | |
| 109 | 308361 | 5108209 | BEACH AVE | 25 | Front Yard | Crab/Prunus | 10-24 | Healthy | 0 | 0 | 0 | 3 | Present | None | 0 | None | None | Leave | Coal fungus present |
| 110 | 308361 | 5108209 | BEACH AVE | 25 | Front Yard | Mr | 10-24 | Healthy | 0 | 0 | 0 | 0 | None | None | 1 | None | None | Leave | |
| 111 | 308361 | 5108209 | BEACH AVE | 37 | Front Yard | Ms (silver) | >48 | Declining | 1 | 0 | 1 | 1 | Present | None | 2 | None | None | Remove 2019-2023 | Black bark |
| 112 | 308361 | 5108209 | BEACH AVE | 37 | Front Yard | Mr | >48 | Healthy | 0 | 0 | 1 | 2 | Present | None | 2 | None | None | Remove 2019-2023 | Black bark |
| 113 | 308360 | 5108178 | BEACH AVE | 39 | Front Yard | Crab/Prunus | 10-24 | Healthy | 0 | 0 | 0 | 0 | Present | None | 1 | None | None | Leave | Black knot |
| 114 | 308364 | 5108172 | BEACH AVE | 41 | Front Yard | Crab/Prunus | 10-24 | Healthy | 1 | 2 | 3 | 1 | None | None | 0 | None | None | Leave | |
| 115 | 308358 | 5108171 | BEACH AVE | 41 | Front Yard | S blue | <10 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 116 | 308365 | 5108173 | BEACH AVE | 41 | Front Yard | S blue | <10 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 117 | 308380 | 5108108 | BEACH AVE | 48 | Front Yard | Crab/Prunus | 10-24 | Healthy | 0 | 0 | 0 | 0 | Present | None | 0 | None | None | Leave | White face scar |
| 118 | 308442 | 5108043 | BEACH AVE | 57 | Front Yard | Bw | 10-24 | Healthy | 1 | 0 | 0 | 0 | None | Present | 0 | None | None | Leave | Leaning towards house |
| 119 | 308447 | 5108020 | BEACH AVE | 59 | Front Yard | Ce | 35-48 | Healthy | 0 | 0 | 0 | 1 | None | Present | 1 | None | None | Leave | |
| 120 | 308470 | 5107930 | BEACH AVE | 68 | Front Yard | Crab/Prunus | 25-34 | Healthy | 1 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 121 | 308484 | 5107948 | BEACH AVE | 69 | Front Yard | Mugho Pine | <10 | Healthy | 0 | 1 | 0 | 0 | None | None | 1 | None | None | Leave | |
| 122 | 308503 | 5107888 | BEACH AVE | 74 | Front Yard | Mr | >48 | Healthy | 0 | 0 | 1 | 1 | None | None | 3 | None | None | Remove 2013-2018 | Black bark |
| 123 | 308543 | 5107870 | BEACH AVE | 79 | Front Yard | Mr | 10-24 | Healthy | 0 | 1 | 0 | 0 | Present | None | 0 | None | None | Leave | Basal conks |
| 124 | 308543 | 5107870 | BEACH AVE | 79 | Front Yard | Mr | <10 | Healthy | 0 | 0 | 0 | 1 | None | Present | 1 | None | None | Leave | Stump sprout |
| 125 | 308543 | 5107870 | BEACH AVE | 79 | Front Yard | Mr | >48 | Healthy | 0 | 0 | 0 | 1 | Present | Present | 1 | None | None | Leave | Black bark |
| 126 | 308577 | 5107850 | BEACH AVE | 83 | Front Yard | Pw | 10-24 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 127 | 308573 | 5107826 | BEACH AVE | 84 | Front Yard | Pr | >48 | Healthy | 1 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | Leaning toward house |
| 128 | 308231 | 5107578 | BIRCH ST | 88 | Front Yard | Bw | 35-48 | Healthy | 1 | 2 | 1 | 1 | None | None | 2 | None | None | Leave | |
| 129 | 308233 | 5107566 | BIRCH ST | 88 | Front Yard | Pj | 35-48 | Declining | 0 | 2 | 0 | 0 | None | None | 0 | None | None | Remove 2019-2023 | |
| 130 | 308229 | 5107567 | BIRCH ST | 88 | Front Yard | Bf | 10-24 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 131 | 308245 | 5107585 | BIRCH ST | 88 | Front Yard | M Norway | >48 | Healthy | 0 | 0 | 1 | 1 | Present | None | 2 | Present, conflict | None | Remove ASAP | |
| 132 | 308243 | 5107583 | BIRCH ST | 88 | Front Yard | Bf | 35-48 | Healthy | 0 | 2 | 0 | 0 | None | None | 0 | Present, no conflict | None | Remove ASAP | |
| 133 | 308243 | 5107590 | BIRCH ST | 90 | Front Yard | Pr | >48 | Declining | 0 | 2 | 0 | 0 | None | None | 0 | Present, conflict | None | Remove 2013-2018 | |

| Tree ID | Easting | Northing | Street | Nearest Address | Site Location | Tree Species | DBH (cm) | Foliage Condition | Lean | Crown Balance | Rot | Cracks | Conks | Coppice Stems | V stems | Wire Conflict | Conflict road/swalk | Management Recommendation | Comment |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 134 | 308244 | 5107592 | BIRCH ST | 90 | Front Yard | Pw | >48 | Healthy | 2 | 2 | 0 | 1 | None | None | 2 | Present, conflict | None | Remove ASAP | Top of tree is dead |
| 135 | 308292 | 5107639 | BIRCH ST | 99 | Front Yard | Or | >48 | Healthy | 0 | 0 | 0 | 1 | None | None | 2 | Present, conflict | None | Trim | Large branches towards house |
| 136 | 308274 | 5107661 | BIRCH ST | 101 | Front Yard | Mr | >48 | Healthy | 0 | 0 | 1 | 2 | None | Present | 2 | Present, conflict | None | Remove ASAP | |
| 137 | 308344 | 5107653 | BIRCH ST | 104 | Side Yard | Sw | 25-34 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 138 | 308344 | 5107653 | BIRCH ST | 104 | Side Yard | Ce | 10-24 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 139 | 307983 | 5108400 | BROCKHOUSE WAY | 1 | Front Yard | Pw | >48 | Healthy | 0 | 0 | 1 | 0 | None | None | 0 | None | Medium | Leave | |
| 140 | 307983 | 5108407 | BROCKHOUSE WAY | 1 | Front Yard | S blue | 10-24 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | Present, no conflict | None | Leave | |
| 141 | 307969 | 5108397 | BROCKHOUSE WAY | 1 | Front Yard | Pw | >48 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | Present, no conflict | Medium | Leave | |
| 142 | 307963 | 5108413 | BROCKHOUSE WAY | 1 | Front Yard | Pw | >48 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | Present, no conflict | Medium | Leave | |
| 143 | 307951 | 5108439 | BROCKHOUSE WAY | 1 | Front Yard | M Norway | 25-34 | Healthy | 0 | 0 | 1 | 2 | None | Present | 1 | None | None | Leave | |
| 144 | 306791 | 5108772 | CABOT PL | 0 | Other maintained | Bd | >48 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 145 | 306791 | 5108772 | CABOT PL | 0 | Other maintained | Bd | 35-48 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 146 | 306845 | 5108754 | CABOT PL | 0 | Other maintained | Bd | >48 | Healthy | 0 | 1 | 1 | 1 | None | None | 0 | None | None | Leave | |
| 147 | 306845 | 5108754 | CABOT PL | 0 | Other maintained | Bd | >48 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 148 | 306821 | 5108797 | CABOT PL | 0 | Other maintained | Or | 10-24 | Healthy | 0 | 1 | 0 | 1 | None | None | 0 | None | None | Leave | |
| 149 | 306817 | 5108803 | CABOT PL | 0 | Other maintained | Bd | 10-24 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 150 | 306817 | 5108803 | CABOT PL | 0 | Other maintained | Bd | 10-24 | Healthy | 0 | 1 | 0 | 0 | None | Present | 0 | None | None | Leave | |
| 151 | 306741 | 5108733 | CABOT PL | 3 | Front Yard | Mr | 25-34 | Healthy | 1 | 1 | 0 | 0 | None | 3-4 | 3 | None | None | Remove 2019-2023 | |
| 152 | 306760 | 5108761 | CABOT PL | 5 | Front Yard | S blue | <10 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 153 | 306771 | 5108768 | CABOT PL | 5 | Front Yard | S blue | <10 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 154 | 306781 | 5108797 | CABOT PL | 7 | Front Yard | Sw | 25-34 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 155 | 306834 | 5108731 | CABOT PL | 19 | Front Yard | Ce | <10 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | Street light | None | Leave | Red cedar, multiple stems |
| 156 | 306846 | 5108735 | CABOT PL | 19 | Front Yard | Ce | 10-24 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | Present, no conflict | None | Leave | |
| 157 | 306819 | 5108745 | CABOT PL | 20 | Front Yard | Ms (silver) | >48 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | Present, no conflict | None | Leave | |
| 158 | 306797 | 5108755 | CABOT PL | 21 | Front Yard | Crab/Prunus | <10 | Healthy | 0 | 1 | 0 | 1 | None | None | 0 | None | None | Leave | |
| 159 | 306761 | 5108737 | CABOT PL | 22 | Front Yard | S blue | 10-24 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 160 | 306781 | 5108754 | CABOT PL | 22 | Front Yard | S blue | 25-34 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 161 | 306753 | 5108696 | CABOT PL | 23 | Front Yard | Mh | 10-24 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 162 | 307169 | 5108801 | CARTIER CIR | 1 | Front Yard | Other | 10-24 | Healthy | 1 | 0 | 0 | 0 | None | Present | 0 | None | None | Leave | |
| 163 | 307150 | 5108805 | CARTIER CIR | 7 | Front Yard | Or | >48 | Healthy | 1 | 0 | 0 | 1 | None | None | 2 | None | None | Leave | |

| Tree ID | Easting | Northing | Street | Nearest Address | Site Location | Tree Species | DBH (cm) | Foliage Condition | Lean | Crown Balance | Rot | Cracks | Conks | Coppice Stems | V stems | Wire Conflict | Conflict road/swalk | Management Recommendation | Comment |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 164 | 307160 | 5108816 | CARTIER CIR | 8 | Front Yard | Ash (all) | >48 | Healthy | 1 | 0 | 0 | 2 | None | None | 2 | None | None | Remove 2013-2018 | Leaning towards house |
| 165 | 307155 | 5108817 | CARTIER CIR | 8 | Front Yard | Crab/Prunus | <10 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 166 | 307169 | 5108822 | CARTIER CIR | 8 | Front Yard | Mh | >48 | Healthy | 0 | 0 | 3 | 2 | None | None | 2 | None | None | Leave | Leaning towards house |
| 167 | 306265 | 5109576 | CHADWICK | 22 | Side Yard | M Norway | <10 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 168 | 306265 | 5109576 | CHADWICK | 22 | Side Yard | M Norway | <10 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 169 | 306265 | 5109576 | CHADWICK | 22 | Side Yard | M Norway | <10 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 170 | 306255 | 5109581 | CHADWICK | 22 | Front Yard | M Norway | <10 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 171 | 306086 | 5109665 | CHADWICK DR | 2 | Front Yard | Mr | 25-34 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 172 | 306076 | 5109633 | CHADWICK DR | 2 | Backyard | Mr | 10-24 | Healthy | 0 | 1 | 0 | 0 | None | Present | 0 | None | None | Leave | 2 coppice stems |
| 173 | 306090 | 5109610 | CHADWICK DR | 4 | Backyard | Mr | 10-24 | Healthy | 0 | 1 | 0 | 0 | None | Present | 0 | None | None | Leave | |
| 174 | 306140 | 5109622 | CHADWICK DR | 6 | Front Yard | Mr | 10-24 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 175 | 306232 | 5109583 | CHADWICK DR | 14 | Front Yard | Crab/Prunus | 10-24 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 176 | 306206 | 5109556 | CHADWICK DR | 14 | Front Yard | Mr | 25-34 | Healthy | 0 | 1 | 0 | 0 | None | Present | 1 | None | None | Leave | 2 coppice stems |
| 177 | 306235 | 5109563 | CHADWICK DR | 20 | Front Yard | S blue | 10-24 | Healthy | 0 | 1 | 0 | 0 | None | None | 1 | None | None | Leave | Electrical boxes |
| 178 | 306274 | 5109657 | CHADWICK DR | 26 | Front Yard | Other | 10-24 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | Exotic species |
| 179 | 306267 | 5109667 | CHADWICK DR | 28 | Front Yard | Sw | 10-24 | Healthy | 0 | 2 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 180 | 306267 | 5109685 | CHADWICK DR | 28 | Front Yard | Pw | >48 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 181 | 306247 | 5109741 | CHADWICK DR | 36 | Front Yard | Ms (silver) | <10 | Healthy | 0 | 1 | 0 | 0 | None | Yes | 0 | None | None | Leave | |
| 182 | 306236 | 5109583 | CHADWICK DR | 44 | Front Yard | Crab/Prunus | <10 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 183 | 306252 | 5109582 | CHADWICK DR | 44 | Front Yard | Ce | 10-24 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 184 | 306187 | 5109584 | CHADWICK DR | 44 | Front Yard | Mr | 10-24 | Healthy | 0 | 1 | 0 | 1 | None | Present | 0 | None | None | Leave | White face scar |
| 185 | 306255 | 5109581 | CHADWICK DR | 44 | Front Yard | Sw | 10-24 | Healthy | 1 | 1 | 0 | 0 | None | 0 | 0 | None | None | Leave | |
| 186 | 306106 | 5109687 | CHADWICK DR | 48 | Front Yard | Mr | 10-24 | Healthy | 0 | 1 | 0 | 0 | None | Present | 0 | None | None | Leave | 4 coppice stems |
| 187 | 306203 | 5109327 | CIPRIANI CRT | 10 | Front Yard | S blue | 10-24 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 188 | 306265 | 5109386 | CIPRIANI CRT | 115 | Front Yard | S blue | 25-34 | Healthy | 0 | 1 | 0 | 0 | None | None | 1 | None | None | Leave | Woodpecker damage |
| 189 | 306257 | 5109378 | CIPRIANI CRT | 115 | Front Yard | Or | 35-48 | Healthy | 0 | 1 | 3 | 2 | Present | None | 1 | None | None | Leave | |
| 190 | 306549 | 5108700 | CLAREMOUNT RD | 3 | Front Yard | Or | >48 | Healthy | 0 | 1 | 1 | 1 | None | None | 2 | None | None | Leave | |
| 191 | 306552 | 5108710 | CLAREMOUNT RD | 5 | Front Yard | Or | >48 | Healthy | 0 | 0 | 1 | 1 | None | None | 2 | None | None | Leave | |
| 192 | 306509 | 5108798 | CLAREMOUNT RD | 10 | Front Yard | S blue | 35-48 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | Present, no conflict | None | Leave | |
| 193 | 306510 | 5108796 | CLAREMOUNT RD | 10 | Front Yard | Ms (silver) | 35-48 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | Present, no conflict | None | Leave | White face scar |
| 194 | 306503 | 5108821 | CLAREMOUNT RD | 12 | Front Yard | Mr | 10-24 | Healthy | 0 | 1 | 1 | 0 | None | Present | 0 | Present, no conflict | None | Leave | |
| 195 | 306494 | 5108882 | CLAREMOUNT RD | 20 | Front Yard | Mr | 10-24 | Healthy | 0 | 1 | 1 | 1 | None | Present | 0 | Present, conflict | None | Leave | |
| 196 | 306507 | 5108873 | CLAREMOUNT RD | 27 | Front Yard | Bw | >48 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 197 | 306508 | 5108898 | CLAREMOUNT RD | 29 | Front Yard | Crab/Prunus | 35-48 | Healthy | 0 | 1 | 0 | 0 | None | None | 1 | None | None | Leave | |
| 198 | 306515 | 5108921 | CLAREMOUNT RD | 31 | Front Yard | S blue | 25-34 | Healthy | 0 | 1 | 0 | 0 | None | None | 1 | None | None | Leave | |

| Tree ID | Easting | Northing | Street | Nearest Address | Site Location | Tree Species | DBH (cm) | Foliage Condition | Lean | Crown Balance | Rot | Cracks | Conks | Coppice Stems | V stems | Wire Conflict | Conflict road/swalk | Management Recommendation | Comment |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 199 | 306508 | 5108916 | CLAREMOUNT RD | 31 | Front Yard | Ce | <10 | Healthy | 0 | 1 | 0 | 0 | Present | Present | 1 | None | None | Leave | |
| 200 | 306337 | 5109160 | COCKCROFT CRES | 2 | Front Yard | Ms (silver) | <10 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 201 | 306360 | 5109194 | COCKCROFT CRES | 6 | Front Yard | Crab/Prunus | <10 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 202 | 306428 | 5109164 | COCKCROFT CRES | 26 | Front Yard | M Norway | <10 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 203 | 306438 | 5109141 | COCKCROFT CRES | 29 | Front Yard | M Norway | <10 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 204 | 306426 | 5109128 | COCKCROFT CRES | 31 | Front Yard | Ms (silver) | <10 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 205 | 306983 | 5108453 | DALTON ST | 2 | Front Yard | Or | >48 | Healthy | 1 | 0 | 0 | 1 | None | None | 1 | None | None | Leave | |
| 206 | 306977 | 5108450 | DALTON ST | 2 | Front Yard | Or | >48 | Healthy | 1 | 0 | 0 | 2 | None | None | 2 | Present, conflict | None | Leave | |
| 207 | 307049 | 5108472 | DALTON ST | 3 | Side Yard | Crab/Prunus | <10 | Healthy | 0 | 0 | 0 | 0 | None | Present | 0 | None | None | Leave | 3 Wolfe Street |
| 208 | 307049 | 5108472 | DALTON ST | 3 | Side Yard | Or | <10 | Healthy | 0 | 0 | 0 | 0 | None | Present | 0 | None | None | Leave | 3 Wolfe Street |
| 209 | 307048 | 5108466 | DALTON ST | 3 | Side Yard | Bw | <10 | Healthy | 0 | 0 | 0 | 0 | None | Present | 0 | None | None | Leave | |
| 210 | 307044 | 5108463 | DALTON ST | 3 | Side Yard | Mr | <10 | Healthy | 0 | 0 | 0 | 0 | None | Present | 0 | None | None | Leave | |
| 211 | 307041 | 5108467 | DALTON ST | 3 | Side Yard | Or | <10 | Healthy | 0 | 0 | 0 | 0 | None | Present | 0 | None | None | Leave | |
| 212 | 307012 | 5108459 | DALTON ST | 4 | Front Yard | Ash (all) | >48 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 213 | 307003 | 5108457 | DALTON ST | 4 | Front Yard | Ash (all) | >48 | Healthy | 1 | 0 | 0 | 0 | None | None | 1 | None | None | Leave | |
| 214 | 307021 | 5108478 | DALTON ST | 6 | Front Yard | M Norway | >48 | Healthy | 1 | 2 | 3 | 3 | Present | None | 3 | None | None | Remove ASAP | |
| 215 | 308512 | 5107524 | DARWIN CRES | 2 | Front Yard | Mr | >48 | Healthy | 0 | 0 | 1 | 3 | Present | None | 3 | None | None | Remove ASAP | Leaning towards house |
| 216 | 308577 | 5107553 | DARWIN CRES | 3 | Front Yard | M Norway | <10 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 217 | 308598 | 5107522 | DARWIN CRES | 4 | Front Yard | Or | <10 | Healthy | 0 | 0 | 0 | 0 | None | Present | 0 | None | None | Leave | |
| 218 | 308619 | 5107521 | DARWIN CRES | 5 | Front Yard | S blue | 25-34 | Healthy | 0 | 0 | 2 | 0 | None | None | 1 | None | None | Leave | |
| 219 | 308617 | 5107459 | DARWIN CRES | 8 | Front Yard | Crab/Prunus | 10-24 | Healthy | 0 | 1 | 1 | 1 | None | None | 1 | None | None | Leave | |
| 220 | 308510 | 5107463 | DARWIN CRES | 9 | Front Yard | Or | 25-34 | Healthy | 3 | 0 | 0 | 1 | Present | None | 1 | Present, conflict | None | Leave | |
| 221 | 308594 | 5107398 | DARWIN CRES | 11 | Front Yard | M Norway | <10 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 222 | 308594 | 5107398 | DARWIN CRES | 11 | Front Yard | Mr | 35-48 | Healthy | 1 | 0 | 0 | 1 | Present | None | 1 | None | None | Remove 2019-2023 | Black bark |
| 223 | 308573 | 5107430 | DARWIN CRES | 11 | Front Yard | Or | 35-48 | Healthy | 0 | 1 | 0 | 1 | Present | None | 0 | None | None | Leave | |
| 224 | 308573 | 5107430 | DARWIN CRES | 11 | Front Yard | Or | >48 | Healthy | 1 | 1 | 0 | 3 | Present | None | 3 | None | None | Remove ASAP | |
| 225 | 308573 | 5107430 | DARWIN CRES | 11 | Front Yard | S blue | 25-34 | Healthy | 0 | 1 | 1 | 0 | None | None | 0 | None | None | Leave | |
| 226 | 308573 | 5107430 | DARWIN CRES | 11 | Front Yard | Sw | 35-48 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 227 | 306058 | 5109461 | DOUBLE DIP RD | 0 | Other maintained | Bd | 25-34 | Healthy | 0 | 1 | 0 | 0 | None | None | 1 | Future conflict | None | Leave | |
| 228 | 306068 | 5109471 | DOUBLE DIP RD | 0 | Other maintained | Ce | <10 | Healthy | 0 | 1 | 0 | 0 | None | Present | 0 | None | None | Leave | |
| 229 | 306058 | 5109457 | DOUBLE DIP RD | 0 | Other maintained | Ash (all) | <10 | Healthy | 0 | 0 | 0 | 0 | Present | Present | 0 | None | None | Leave | |
| 230 | 306055 | 5109454 | DOUBLE DIP RD | 0 | Other maintained | Crab/Prunus | 10-24 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |

| Tree ID | Easting | Northing | Street | Nearest Address | Site Location | Tree Species | DBH (cm) | Foliage Condition | Lean | Crown Balance | Rot | Cracks | Conks | Coppice Stems | V stems | Wire Conflict | Conflict road/swalk | Management Recommendation | Comment |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 231 | 306051 | 5109442 | DOUBLE DIP RD | 0 | Other maintained | Bd | 10-24 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 232 | 306050 | 5109441 | DOUBLE DIP RD | 0 | Other maintained | Bw | <10 | Healthy | 0 | 1 | 0 | 0 | None | Present | 0 | None | None | Leave | |
| 233 | 306042 | 5109435 | DOUBLE DIP RD | 0 | Other maintained | Bd | 10-24 | Healthy | 0 | 1 | 0 | 0 | None | Present | 0 | None | None | Leave | |
| 234 | 306036 | 5109427 | DOUBLE DIP RD | 0 | Other maintained | Bd | 10-24 | Healthy | 0 | 1 | 0 | 0 | None | Present | 0 | None | None | Leave | |
| 235 | 306034 | 5109420 | DOUBLE DIP RD | 0 | Other maintained | Or | 25-34 | Healthy | 0 | 1 | 0 | 1 | None | Present | 0 | None | None | Leave | |
| 236 | 306027 | 5109411 | DOUBLE DIP RD | 0 | Other maintained | M Norway | <10 | Healthy | 0 | 1 | 0 | 0 | None | Present | 0 | None | None | Leave | |
| 237 | 306034 | 5109404 | DOUBLE DIP RD | 0 | Other maintained | M Norway | <10 | Healthy | 0 | 1 | 0 | 0 | None | Present | 0 | None | None | Leave | Mechanical Damage |
| 238 | 306020 | 5109402 | DOUBLE DIP RD | 0 | Other maintained | Ash (all) | 10-24 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 239 | 306020 | 5109398 | DOUBLE DIP RD | 0 | Other maintained | M Norway | <10 | Healthy | 0 | 1 | 0 | 0 | None | Present | 0 | None | None | Leave | |
| 240 | 306015 | 5109395 | DOUBLE DIP RD | 0 | Other maintained | Ash (all) | 10-24 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 241 | 306014 | 5109393 | DOUBLE DIP RD | 0 | Other maintained | M Norway | 10-24 | Healthy | 0 | 1 | 0 | 0 | None | Present | 0 | None | None | Leave | White face scar, 2 coppice stem |
| 242 | 306009 | 5109389 | DOUBLE DIP RD | 0 | Other maintained | Mh | 25-34 | Healthy | 0 | 1 | 0 | 0 | None | None | 3 | None | None | Leave | |
| 243 | 306009 | 5109389 | DOUBLE DIP RD | 0 | Other maintained | Bd | 25-34 | Healthy | 0 | 1 | 0 | 0 | None | None | 3 | None | None | Leave | Black bark |
| 244 | 306015 | 5109415 | DOUBLE DIP RD | 0 | Other maintained | Crab/Prunus | 25-34 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 245 | 306015 | 5109415 | DOUBLE DIP RD | 0 | Other maintained | Bd | 25-34 | Healthy | 0 | 1 | 3 | 0 | None | None | 0 | None | None | Leave | Damaged and rotting |
| 246 | 306015 | 5109415 | DOUBLE DIP RD | 0 | Other maintained | Crab/Prunus | 25-34 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 247 | 306015 | 5109415 | DOUBLE DIP RD | 0 | Other maintained | Crab/Prunus | 25-34 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 248 | 306058 | 5109457 | DOUBLE DIP RD | 0 | Other maintained | Ash (all) | <10 | Healthy | 0 | 0 | 0 | 0 | Present | Present | 0 | None | None | Leave | |
| 249 | 306055 | 5109454 | DOUBLE DIP RD | 0 | Other maintained | Crab/Prunus | 10-24 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 250 | 306055 | 5109454 | DOUBLE DIP RD | 0 | Other maintained | Crab/Prunus | 10-24 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 251 | 306055 | 5109454 | DOUBLE DIP RD | 0 | Other maintained | Crab/Prunus | 10-24 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 252 | 306913 | 5108270 | FARADAY CRES | 2 | Front Yard | Sw | 35-48 | Healthy | 1 | 1 | 0 | 0 | None | None | 0 | Present, no conflict | None | Remove 2013-2018 | |
| 253 | 306900 | 5108271 | FARADAY CRES | 2 | Front Yard | Pr | >48 | Healthy | 1 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 254 | 306827 | 5108285 | FARADAY CRES | 15 | Front Yard | S blue | <10 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 255 | 306806 | 5108333 | FARADAY CRES | 20 | Front Yard | Mr | >48 | Healthy | 1 | 1 | 0 | 0 | None | None | 1 | None | None | Remove 2013-2018 | Lean to house |
| 256 | 306797 | 5108382 | FARADAY CRES | 26 | Front Yard | S blue | >48 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 257 | 306794 | 5108390 | FARADAY CRES | 26 | Front Yard | M Norway | 10-24 | Healthy | 0 | 0 | 0 | 0 | None | None | 1 | None | None | Leave | |
| 258 | 306796 | 5108397 | FARADAY CRES | 26 | Front Yard | M Norway | 10-24 | Healthy | 0 | 0 | 2 | 0 | Present | None | 1 | None | None | Leave | |

| Tree ID | Easting | Northing | Street | Nearest Address | Site Location | Tree Species | DBH (cm) | Foliage Condition | Lean | Crown Balance | Rot | Cracks | Conks | Coppice Stems | V stems | Wire Conflict | Conflict road/swalk | Management Recommendation | Comment |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 259 | 306778 | 5108391 | FARADAY CRES | 29 | Front Yard | Ash (all) | <10 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 260 | 306786 | 5108397 | FARADAY CRES | 29 | Front Yard | M Norway | <10 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 261 | 306812 | 5108442 | FARADAY CRES | 32 | Front Yard | Mr | 25-34 | Healthy | 0 | 0 | 0 | 0 | None | None | 1 | None | None | Leave | |
| 262 | 306812 | 5108450 | FARADAY CRES | 32 | Front Yard | Mr | 25-34 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 263 | 306791 | 5108428 | FARADAY CRES | 33 | Front Yard | Mr | 35-48 | Healthy | 1 | 0 | 1 | 2 | None | Present | 2 | None | None | Leave | Lean to house |
| 264 | 306815 | 5108458 | FARADAY CRES | 34 | Front Yard | Mr | 35-48 | Healthy | 1 | 0 | 3 | 1 | None | Present | 3 | None | None | Remove ASAP | Lean to house |
| 265 | 306805 | 5108468 | FARADAY CRES | 36 | Front Yard | M Norway | <10 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 266 | 306833 | 5108474 | FARADAY CRES | 36 | Front Yard | Mr | >48 | Healthy | 0 | 0 | 2 | 1 | None | None | 2 | None | None | Remove 2019-2023 | |
| 267 | 307296 | 5108404 | FOREST AVE | 61 | Front Yard | M Norway | <10 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 268 | 307387 | 5108405 | FOREST AVE | 61 | Front Yard | Crab/Prunus | <10 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 269 | 306790 | 5108677 | FRONTENAC | 1 | Side Yard | Mr | 10-24 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | Present, no conflict | None | Leave | |
| 270 | 306501 | 5109075 | FRONTENAC CRES | 0 | Other maintained | Mr | 35-48 | Healthy | 0 | 1 | 0 | 0 | None | None | 1 | None | None | Leave | |
| 271 | 306478 | 5109047 | FRONTENAC CRES | 0 | Other maintained | Mr | 10-24 | Healthy | 0 | 1 | 0 | 0 | None | Present | 1 | None | None | Remove 2019-2023 | 5 coppice stems |
| 272 | 306761 | 5108651 | FRONTENAC CRES | 1 | Front Yard | Mr | 10-24 | Healthy | 0 | 1 | 0 | 2 | None | None | 0 | None | None | Leave | Crown die back |
| 273 | 306763 | 5108652 | FRONTENAC CRES | 1 | Front Yard | Mr | <10 | Healthy | 0 | 1 | 0 | 0 | None | Present | 0 | None | None | Leave | Coppice sprouting |
| 274 | 306765 | 5108655 | FRONTENAC CRES | 1 | Front Yard | Mr | 25-34 | Healthy | 0 | 1 | 0 | 0 | None | Present | 0 | Present, no conflict | None | Remove 2013-2018 | Pooling water in middle, white face scar, crown die back |
| 275 | 306750 | 5108630 | FRONTENAC CRES | 4 | Front Yard | Mr | >48 | Healthy | 0 | 2 | 3 | 2 | None | None | 0 | None | None | Remove 2013-2018 | Fluxing seams, crown die back |
| 276 | 306754 | 5108615 | FRONTENAC CRES | 6 | Front Yard | Bd | >48 | Healthy | 0 | 1 | 0 | 1 | None | None | 0 | None | None | Leave | |
| 277 | 306770 | 5108607 | FRONTENAC CRES | 7 | Front Yard | Ce | 10-24 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | Present, no conflict | None | Leave | Beside electrical box |
| 278 | 306770 | 5108607 | FRONTENAC CRES | 7 | Front Yard | Ce | 10-24 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | Check for future conflict 10 years |
| 279 | 306772 | 5108585 | FRONTENAC CRES | 9 | Front Yard | Pr | >48 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 280 | 306772 | 5108585 | FRONTENAC CRES | 9 | Front Yard | Pr | >48 | Healthy | 0 | 2 | 0 | 0 | None | None | 0 | None | None | Remove 2013-2018 | |
| 281 | 306760 | 5108575 | FRONTENAC CRES | 10 | Front Yard | Mr | <10 | Healthy | 0 | 1 | 0 | 0 | None | Present | 1 | None | None | Leave | Small shoots, light damage at base |
| 282 | 306748 | 5108527 | FRONTENAC CRES | 13 | Front Yard | Or | 10-24 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | Beside electrical box |
| 283 | 306748 | 5108527 | FRONTENAC CRES | 13 | Front Yard | Crab/Prunus | <10 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 284 | 306748 | 5108527 | FRONTENAC CRES | 15 | Front Yard | Mr | 10-24 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 285 | 306748 | 5108527 | FRONTENAC CRES | 15 | Front Yard | Bd | 10-24 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 286 | 306669 | 5108555 | FRONTENAC CRES | 23 | Front Yard | Other | <10 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | Willow |
| 287 | 306675 | 5108550 | FRONTENAC CRES | 24 | Front Yard | Or | <10 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |

| Tree ID | Easting | Northing | Street | Nearest Address | Site Location | Tree Species | DBH (cm) | Foliage Condition | Lean | Crown Balance | Rot | Cracks | Conks | Coppice Stems | V stems | Wire Conflict | Conflict road/swalk | Management Recommendation | Comment |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 288 | 0 | 0 | FRONTENAC CRES | 25 | Front Yard | Mr | 35-48 | Healthy | 1 | 1 | 0 | 1 | None | 4 | 2 | None | None | Leave | |
| 289 | 306698 | 5108534 | FRONTENAC CRES | 26 | Front Yard | Pw | >48 | Healthy | 0 | 0 | 0 | 0 | None | None | 1 | None | None | Leave | |
| 290 | 306698 | 5108534 | FRONTENAC CRES | 26 | Front Yard | Pw | >48 | Healthy | 0 | 0 | 0 | 0 | None | None | 2 | None | None | Leave | Bark damage |
| 291 | 306698 | 5108534 | FRONTENAC CRES | 26 | Front Yard | Pr | >48 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 292 | 306698 | 5108534 | FRONTENAC CRES | 26 | Front Yard | Sw | 35-48 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 293 | 306646 | 5108555 | FRONTENAC CRES | 31 | Front Yard | Ash (all) | 25-34 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 294 | 306643 | 5108574 | FRONTENAC CRES | 32 | Front Yard | Pr | >48 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 295 | 306649 | 5108566 | FRONTENAC CRES | 32 | Front Yard | Pr | >48 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 296 | 306640 | 5108554 | FRONTENAC CRES | 33 | Front Yard | Crab/Prunus | 10-24 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 297 | 306632 | 5108583 | FRONTENAC CRES | 34 | Front Yard | Or | <10 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 298 | 306632 | 5108581 | FRONTENAC CRES | 34 | Front Yard | Mr | 35-48 | Healthy | 0 | 1 | 2 | 0 | Present | Present | 0 | None | None | Remove 2013-2018 | Conks visible, rot visible |
| 299 | 306602 | 5108575 | FRONTENAC CRES | 35 | Front Yard | Pw | >48 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Remove 2019-2023 | Die Back |
| 300 | 306568 | 5108599 | FRONTENAC CRES | 37 | Front Yard | Sw | 35-48 | Healthy | 0 | 1 | 0 | 1 | None | None | 1 | None | None | Leave | |
| 301 | 306559 | 5108640 | FRONTENAC CRES | 38 | Front Yard | Bd | 25-34 | Healthy | 0 | 1 | 0 | 1 | None | None | 1 | None | None | Leave | |
| 302 | 306564 | 5108633 | FRONTENAC CRES | 38 | Front Yard | Mh | 10-24 | Healthy | 0 | 1 | 0 | 1 | None | None | 1 | None | None | Leave | |
| 303 | 306490 | 5108696 | FRONTENAC CRES | 48 | Front Yard | Mr | >48 | Healthy | 0 | 1 | 1 | 1 | None | None | 0 | None | None | Remove 2013-2018 | Black Bark |
| 304 | 306411 | 5108825 | FRONTENAC CRES | 64 | Front Yard | Or | 25-34 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 305 | 306411 | 5108825 | FRONTENAC CRES | 64 | Front Yard | Bf | 10-24 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 306 | 306411 | 5108814 | FRONTENAC CRES | 64 | Front Yard | Pw | <10 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 307 | 306412 | 5108814 | FRONTENAC CRES | 64 | Front Yard | Mr | <10 | Healthy | 0 | 1 | 0 | 0 | None | Present | 2 | None | None | Leave | |
| 308 | 306411 | 5108825 | FRONTENAC CRES | 64 | Front Yard | Bf | 10-24 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 309 | 306411 | 5108825 | FRONTENAC CRES | 64 | Front Yard | Bf | 10-24 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 310 | 306410 | 5108838 | FRONTENAC CRES | 66 | Front Yard | Or | 10-24 | Healthy | 1 | 2 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 311 | 306404 | 5108825 | FRONTENAC CRES | 66 | Front Yard | Pw | 10-24 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 312 | 306414 | 5108890 | FRONTENAC CRES | 72 | Front Yard | Or | <10 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |

| Tree ID | Easting | Northing | Street | Nearest Address | Site Location | Tree Species | DBH (cm) | Foliage Condition | Lean | Crown Balance | Rot | Cracks | Conks | Coppice Stems | V stems | Wire Conflict | Conflict road/swalk | Management Recommendation | Comment |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 313 | 306431 | 5109010 | FRONTENAC CRES | 83 | Front Yard | Pr | >48 | Healthy | 1 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 314 | 306504 | 5109113 | FRONTENAC CRES | 93 | Front Yard | Mr | 35-48 | Healthy | 0 | 1 | 0 | 0 | None | Present | 3 | None | None | Remove 2013-2018 | 2 coppice stems, leaning toward house |
| 315 | 306574 | 5109192 | FRONTENAC CRES | 98 | Front Yard | S blue | <10 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 316 | 306565 | 5109211 | FRONTENAC CRES | 103 | Front Yard | Mr | 25-34 | Healthy | 0 | 1 | 0 | 1 | None | None | 0 | None | None | Leave | Fluxing seams |
| 317 | 306576 | 5109236 | FRONTENAC CRES | 104 | Front Yard | Bw | 25-34 | Healthy | 0 | 1 | 0 | 0 | None | None | 1 | None | None | Leave | Minor feeding damage |
| 318 | 306575 | 5109231 | FRONTENAC CRES | 104 | Front Yard | Ob | 10-24 | Healthy | 0 | 1 | 1 | 0 | None | None | 1 | None | None | Leave | |
| 319 | 306575 | 5109225 | FRONTENAC CRES | 104 | Front Yard | S blue | 10-24 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | Slight damage to top |
| 320 | 306557 | 5109257 | FRONTENAC CRES | 106 | Front Yard | Crab/Prunus | 25-34 | Healthy | 3 | 2 | 1 | 0 | Present | Present | 1 | None | None | Leave | 2 coppice |
| 321 | 306512 | 5109297 | FRONTENAC CRES | 112 | Front Yard | Other | 35-48 | Healthy | 0 | 1 | 0 | 3 | None | None | 1 | None | None | Remove ASAP | Juglans (?) Wires holding together |
| 322 | 306517 | 5109295 | FRONTENAC CRES | 112 | Front Yard | Mr | 10-24 | Healthy | 0 | 1 | 1 | 1 | None | Present | 1 | None | None | Leave | Fluxing stem, 4 coppice stems |
| 323 | 306418 | 5109389 | FRONTENAC CRES | 122 | Front Yard | Mr | 35-48 | Healthy | 0 | 1 | 0 | 0 | None | None | 1 | None | None | Leave | |
| 324 | 306427 | 5109381 | FRONTENAC CRES | 122 | Front Yard | Or | >48 | Healthy | 0 | 1 | 0 | 0 | None | None | 1 | None | None | Leave | |
| 325 | 306414 | 5109371 | FRONTENAC CRES | 123 | Front Yard | Mr | 25-34 | Healthy | 0 | 1 | 0 | 0 | Present | Present | 1 | None | None | Leave | Small fruiting bodies, 3 coppice stems |
| 326 | 306403 | 5109414 | FRONTENAC CRES | 124 | Front Yard | Mr | <10 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 327 | 306396 | 5109425 | FRONTENAC CRES | 126 | Front Yard | Mr | 35-48 | Healthy | 0 | 1 | 0 | 0 | Present | None | 0 | None | None | Remove 2013-2018 | |
| 328 | 306376 | 5109435 | FRONTENAC CRES | 129 | Front Yard | Ash (all) | 10-24 | Healthy | 0 | 1 | 0 | 0 | None | None | 1 | None | None | Leave | |
| 329 | 306384 | 5109421 | FRONTENAC CRES | 129 | Front Yard | Crab/Prunus | <10 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | Apple tree |
| 330 | 306304 | 5109454 | FRONTENAC CRES | 133 | Front Yard | S Norway | 25-34 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | By lamppost/crook |
| 331 | 306312 | 5109454 | FRONTENAC CRES | 133 | Front Yard | S Norway | 35-48 | Healthy | 0 | 1 | 0 | 0 | None | None | 1 | None | None | Leave | |
| 332 | 306327 | 5109473 | FRONTENAC CRES | 134 | Front Yard | Pr | <10 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 333 | 306327 | 5109473 | FRONTENAC CRES | 134 | Front Yard | Pr | <10 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 334 | 306327 | 5109473 | FRONTENAC CRES | 134 | Front Yard | Pr | <10 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 335 | 306335 | 5109471 | FRONTENAC CRES | 134 | Front Yard | Or | <10 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 336 | 308300 | 5107510 | GLENDALE AVE | 0 | Side Yard | Pw | >48 | Healthy | 0 | 3 | 1 | 1 | None | None | 2 | None | None | Remove 2013-2018 | |
| 337 | 308342 | 5107484 | GLENDALE AVE | 0 | Side Yard | S blue | 10-24 | Healthy | 0 | 3 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 338 | 308339 | 5107490 | GLENDALE AVE | 0 | Side Yard | S blue | 10-24 | Declining | 0 | 3 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 339 | 308337 | 5107489 | GLENDALE AVE | 0 | Side Yard | S blue | 10-24 | Declining | 0 | 3 | 0 | 0 | None | None | 0 | None | None | Leave | |

| Tree ID | Easting | Northing | Street | Nearest Address | Site Location | Tree Species | DBH (cm) | Foliage Condition | Lean | Crown Balance | Rot | Cracks | Conks | Coppice Stems | V stems | Wire Conflict | Conflict road/swalk | Management Recommendation | Comment |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 340 | 308333 | 5107500 | GLENDALE AVE | 0 | Side Yard | Other | 10-24 | Declining | 0 | 2 | 0 | 0 | None | None | 0 | None | None | Leave | Juniper |
| 341 | 308349 | 5107499 | GLENDALE AVE | 0 | Side Yard | S blue | <10 | Healthy | 0 | 2 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 342 | 308361 | 5107505 | GLENDALE AVE | 0 | Side Yard | S blue | 10-24 | Declining | 1 | 2 | 0 | 0 | None | None | 0 | Present, no conflict | None | Leave | |
| 343 | 308310 | 5107527 | GLENDALE AVE | 0 | Front Yard | Pw | >48 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | Present, no conflict | Medium | Remove 2013-2018 | |
| 344 | 308309 | 5107531 | GLENDALE AVE | 0 | Front Yard | Other | 10-24 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | Juglans |
| 345 | 307759 | 5108025 | GLENDALE AVE | 24 | Front Yard | Sw | >48 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | Present, conflict | None | Remove 2019-2023 | |
| 346 | 307758 | 5108001 | GLENDALE AVE | 28 | Front Yard | Mr | 25-34 | Healthy | 0 | 0 | 0 | 1 | None | None | 2 | None | None | Leave | |
| 347 | 307760 | 5107992 | GLENDALE AVE | 28 | Front Yard | Mr | 25-34 | Healthy | 0 | 0 | 0 | 0 | None | None | 1 | None | None | Leave | |
| 348 | 307783 | 5107977 | GLENDALE AVE | 31 | Front Yard | Sw | >48 | Healthy | 1 | 0 | 0 | 1 | None | None | 3 | None | None | Remove ASAP | Lean to house |
| 349 | 307783 | 5107977 | GLENDALE AVE | 31 | Front Yard | Sw | >48 | Declining | 1 | 3 | 0 | 0 | None | None | 3 | Present, conflict | None | Remove ASAP | Lean to wire |
| 350 | 307769 | 5107968 | GLENDALE AVE | 32 | Front Yard | Mr | 35-48 | Healthy | 1 | 1 | 0 | 1 | None | Present | 3 | None | None | Remove 2013-2018 | Part leaning to house |
| 351 | 308110 | 5107593 | GLENDALE AVE | 34 | Side Yard | Sw | >48 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Remove 2019-2023 | |
| 352 | 308102 | 5107609 | GLENDALE AVE | 34 | Side Yard | By | 35-48 | Healthy | 1 | 0 | 2 | 2 | None | Present | 3 | None | None | Leave | |
| 353 | 307809 | 5107849 | GLENDALE AVE | 37 | Front Yard | Pr | 35-48 | Healthy | 0 | 2 | 0 | 0 | None | None | 0 | Present, conflict | None | Remove 2013-2018 | Slight lean to house |
| 354 | 307807 | 5107847 | GLENDALE AVE | 37 | Front Yard | Pr | 35-48 | Healthy | 0 | 2 | 0 | 0 | None | None | 0 | Present, conflict | None | Remove 2013-2018 | Slight lean to house |
| 355 | 307821 | 5107825 | GLENDALE AVE | 37 | Front Yard | Pw | >48 | Healthy | 1 | 0 | 0 | 0 | None | None | 1 | None | None | Remove 2019-2023 | |
| 356 | 307824 | 5107818 | GLENDALE AVE | 37 | Front Yard | Sw | 35-48 | Healthy | 1 | 1 | 0 | 0 | None | None | 0 | None | None | Remove 2013-2018 | |
| 357 | 307828 | 5107814 | GLENDALE AVE | 37 | Front Yard | Sw | 25-34 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 358 | 307828 | 5107812 | GLENDALE AVE | 37 | Front Yard | Sw | 10-24 | Healthy | 0 | 2 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 359 | 307832 | 5107867 | GLENDALE AVE | 37 | Side Yard | Pr | 25-34 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 360 | 307833 | 5107868 | GLENDALE AVE | 37 | Side Yard | Pw | <10 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 361 | 307833 | 5107868 | GLENDALE AVE | 37 | Side Yard | Bf | <10 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 362 | 307833 | 5107868 | GLENDALE AVE | 37 | Side Yard | Ps | <10 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 363 | 307833 | 5107868 | GLENDALE AVE | 37 | Side Yard | Sw | <10 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 364 | 307834 | 5107870 | GLENDALE AVE | 37 | Side Yard | Pw | >48 | Healthy | 0 | 0 | 0 | 0 | Present | None | 0 | None | None | Remove 2019-2023 | |
| 365 | 307837 | 5107868 | GLENDALE AVE | 37 | Side Yard | Pw | 35-48 | Healthy | 1 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 366 | 307808 | 5107826 | GLENDALE AVE | 38 | Front Yard | Mr | >48 | Healthy | 0 | 0 | 2 | 1 | Present | Present | 2 | Present, no conflict | None | Remove ASAP | |
| 367 | 307803 | 5107826 | GLENDALE AVE | 38 | Front Yard | Or | 10-24 | Healthy | 1 | 1 | 0 | 0 | None | Present | 0 | Present, no conflict | None | Leave | |
| 368 | 307844 | 5107791 | GLENDALE AVE | 42 | Front Yard | Mr | <10 | Healthy | 0 | 0 | 0 | 0 | None | None | 1 | None | None | Leave | |
| 369 | 307864 | 5107775 | GLENDALE AVE | 44 | Front Yard | Crab/Prunus | <10 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 370 | 307860 | 5107779 | GLENDALE AVE | 44 | Front Yard | Crab/Prunus | 10-24 | Declining | 0 | 2 | 2 | 2 | None | None | 3 | None | None | Remove ASAP | |
| 371 | 307880 | 5107782 | GLENDALE AVE | 45 | Front Yard | M Norway | <10 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 372 | 307891 | 5107774 | GLENDALE AVE | 45 | Front Yard | M Norway | <10 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 373 | 307889 | 5107776 | GLENDALE AVE | 45 | Front Yard | Ce | <10 | Healthy | 0 | 0 | 0 | 0 | None | Present | 0 | None | None | Leave | |
| 374 | 307894 | 5107772 | GLENDALE AVE | 45 | Front Yard | Ce | <10 | Healthy | 0 | 0 | 0 | 0 | None | Present | 0 | None | None | Leave | |

| Tree ID | Easting | Northing | Street | Nearest Address | Site Location | Tree Species | DBH (cm) | Foliage Condition | Lean | Crown Balance | Rot | Cracks | Conks | Coppice Stems | V stems | Wire Conflict | Conflict road/swalk | Management Recommendation | Comment |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 375 | 307934 | 5107776 | GLENDALE AVE | 45 | Side Yard | Crab/Prunus | 25-34 | Healthy | 1 | 2 | 1 | 0 | None | None | 4 | None | None | Leave | |
| 376 | 307942 | 5107795 | GLENDALE AVE | 49 | Side Yard | Sw | 35-48 | Healthy | 0 | 0 | 0 | 0 | None | None | 2 | None | None | Leave | |
| 377 | 307944 | 5107796 | GLENDALE AVE | 49 | Side Yard | Sw | 35-48 | Healthy | 0 | 0 | 0 | 0 | None | None | 2 | None | None | Leave | |
| 378 | 307942 | 5107791 | GLENDALE AVE | 49 | Side Yard | Sw | 35-48 | Healthy | 1 | 2 | 0 | 0 | None | None | 2 | None | None | Remove 2013-2018 | |
| 379 | 307941 | 5107789 | GLENDALE AVE | 49 | Side Yard | Sw | 35-48 | Declining | 0 | 1 | 0 | 0 | None | None | 2 | Present, conflict | None | Remove 2013-2018 | |
| 380 | 307957 | 5107713 | GLENDALE AVE | 54 | Front Yard | Other | <10 | Healthy | 0 | 1 | 0 | 0 | None | Present | 1 | None | None | Leave | Juglans |
| 381 | 307976 | 5107711 | GLENDALE AVE | 55 | Front Yard | Mm | >48 | Healthy | 3 | 1 | 0 | 0 | None | None | 2 | None | None | Remove 2013-2018 | |
| 382 | 307988 | 5107687 | GLENDALE AVE | 55 | Front Yard | Sw | 10-24 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 383 | 307995 | 5107712 | GLENDALE AVE | 56 | Front Yard | Pr | 10-24 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 384 | 307999 | 5107707 | GLENDALE AVE | 56 | Front Yard | Pr | 10-24 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 385 | 307993 | 5107707 | GLENDALE AVE | 56 | Front Yard | Pr | <10 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | Present, no conflict | None | Leave | |
| 386 | 307989 | 5107684 | GLENDALE AVE | 57 | Front Yard | Other | <10 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | Juglans species |
| 387 | 307997 | 5107685 | GLENDALE AVE | 57 | Front Yard | Crab/Prunus | <10 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 388 | 307995 | 5107683 | GLENDALE AVE | 57 | Front Yard | Crab/Prunus | <10 | Healthy | 0 | 1 | 0 | 0 | None | Present | 0 | None | None | Leave | |
| 389 | 307995 | 5107684 | GLENDALE AVE | 57 | Front Yard | Bf | 10-24 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 390 | 307997 | 5107682 | GLENDALE AVE | 57 | Front Yard | La | <10 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 391 | 308012 | 5107693 | GLENDALE AVE | 57 | Side Yard | Mm | >48 | Healthy | 0 | 1 | 2 | 1 | None | None | 1 | None | Medium | Remove 2013-2018 | |
| 392 | 307988 | 5107673 | GLENDALE AVE | 60 | Front Yard | Ce | 10-24 | Healthy | 0 | 1 | 0 | 0 | None | Present | 2 | None | None | Leave | Ornamental |
| 393 | 307994 | 5107677 | GLENDALE AVE | 60 | Front Yard | Pr | >48 | Declining | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Remove 2013-2018 | Close to house |
| 394 | 308012 | 5107685 | GLENDALE AVE | 60 | Side Yard | Crab/Prunus | 10-24 | Healthy | 0 | 1 | 0 | 0 | None | None | 1 | None | None | Leave | |
| 395 | 308013 | 5107709 | GLENDALE AVE | 60 | Side Yard | S blue | <10 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 396 | 308013 | 5107710 | GLENDALE AVE | 60 | Side Yard | S blue | <10 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 397 | 308020 | 5107710 | GLENDALE AVE | 60 | Side Yard | Sw | 35-48 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | Present, no conflict | None | Remove 2019-2023 | |
| 398 | 307792 | 5107929 | GLENDALE AVE | 63 | Side Yard | Other | <10 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | Present, no conflict | None | Leave | Ornamental |
| 399 | 307998 | 5107680 | GLENDALE AVE | 64 | Front Yard | Sw | >48 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | Present, conflict | None | Remove 2013-2018 | |
| 400 | 308003 | 5107677 | GLENDALE AVE | 66 | Front Yard | Mr | 25-34 | Healthy | 0 | 0 | 1 | 3 | Present | None | 3 | Present, conflict | None | Remove 2013-2018 | |
| 401 | 308034 | 5107657 | GLENDALE AVE | 67 | Front Yard | S Norway | 35-48 | Healthy | 1 | 0 | 0 | 0 | None | None | 0 | None | None | Remove 2013-2018 | Lean to house in a clump |
| 402 | 308034 | 5107657 | GLENDALE AVE | 67 | Front Yard | S Norway | 35-48 | Healthy | 1 | 0 | 0 | 0 | None | None | 0 | None | None | Remove 2013-2018 | Lean to house in a clump |
| 403 | 308034 | 5107659 | GLENDALE AVE | 67 | Front Yard | S Norway | 35-48 | Healthy | 1 | 1 | 0 | 0 | None | None | 0 | None | None | Remove 2013-2018 | Lean to house in a clump |
| 404 | 308000 | 5107673 | GLENDALE AVE | 67 | Front Yard | Pr | >48 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 405 | 308019 | 5107678 | GLENDALE AVE | 67 | Side Yard | Pr | >48 | Declining | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 406 | 308019 | 5107706 | GLENDALE AVE | 67 | Side Yard | Pr | 35-48 | Declining | 1 | 1 | 0 | 0 | None | None | 0 | Present, conflict | None | Leave | |
| 407 | 308069 | 5107620 | GLENDALE AVE | 72 | Front Yard | Ce | 10-24 | Healthy | 0 | 0 | 0 | 0 | None | Present | 0 | None | None | Leave | |
| 408 | 308076 | 5107630 | GLENDALE AVE | 75 | Front Yard | Mr | >48 | Healthy | 1 | 0 | 2 | 2 | None | None | 2 | None | None | Remove ASAP | Branch lean to house |

| Tree ID | Easting | Northing | Street | Nearest Address | Site Location | Tree Species | DBH (cm) | Foliage Condition | Lean | Crown Balance | Rot | Cracks | Conks | Coppice Stems | V stems | Wire Conflict | Conflict road/swalk | Management Recommendation | Comment |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 409 | 308064 | 5107636 | GLENDALE AVE | 75 | Front Yard | Bw | 10-24 | Healthy | 3 | 0 | 0 | 0 | None | None | 0 | None | None | Remove 2013-2018 | |
| 410 | 308065 | 5107634 | GLENDALE AVE | 75 | Front Yard | Or | >48 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 411 | 308076 | 5107632 | GLENDALE AVE | 76 | Front Yard | Ash (all) | 10-24 | Healthy | 0 | 0 | 0 | 1 | None | None | 2 | None | None | Leave | Beside garage |
| 412 | 308171 | 5107579 | GLENDALE AVE | 81 | Front Yard | Ob | 35-48 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 413 | 308159 | 5107573 | GLENDALE AVE | 81 | Front Yard | Crab/Prunus | 10-24 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 414 | 308310 | 5107531 | GLENDALE AVE | 89 | Side Yard | La | 35-48 | Healthy | 0 | 2 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 415 | 308265 | 5107542 | GLENDALE AVE | 89 | Front Yard | Other | <10 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | Juglans |
| 416 | 308254 | 5107545 | GLENDALE AVE | 89 | Side Yard | Ce | <10 | Healthy | 0 | 0 | 0 | 0 | None | Present | 0 | None | None | Leave | 3 stems |
| 417 | 308254 | 5107545 | GLENDALE AVE | 89 | Side Yard | Ce | <10 | Healthy | 0 | 0 | 0 | 0 | None | Present | 0 | None | None | Leave | 4 stems |
| 418 | 308250 | 5107549 | GLENDALE AVE | 89 | Side Yard | Pr | 35-48 | Healthy | 0 | 2 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 419 | 308237 | 5107576 | GLENDALE AVE | 89 | Side Yard | Mr | 10-24 | Healthy | 0 | 2 | 0 | 1 | None | None | 0 | None | None | Leave | |
| 420 | 308201 | 5107558 | GLENDALE AVE | 89 | Side Yard | Or | >48 | Healthy | 1 | 0 | 0 | 2 | None | None | 2 | Present, conflict | None | Leave | Lean to house |
| 421 | 308195 | 5107534 | GLENDALE AVE | 89 | Side Yard | Mr | 35-48 | Healthy | 1 | 0 | 0 | 2 | None | Present | 2 | None | None | Leave | 89 birch, golf course, church |
| 422 | 308186 | 5107541 | GLENDALE AVE | 89 | Side Yard | Bw | 10-24 | Healthy | 2 | 0 | 0 | 0 | None | Present | 0 | None | None | Remove 2013-2018 | |
| 423 | 308170 | 5107548 | GLENDALE AVE | 89 | Front Yard | Bf | <10 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | Multiple seedlings |
| 424 | 308189 | 5107553 | GLENDALE AVE | 89 | Front Yard | Pr | <10 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 425 | 308366 | 5107387 | GLENDALE AVE | 90 | Front Yard | Sw | >48 | Healthy | 0 | 0 | 0 | 0 | None | None | 2 | Present, conflict | None | Remove 2013-2018 | Lean to house |
| 426 | 308433 | 5107418 | GLENDALE AVE | 95 | Front Yard | Crab/Prunus | 10-24 | Healthy | 0 | 0 | 0 | 0 | None | None | 2 | Present, no conflict | None | Leave | |
| 427 | 308458 | 5107472 | GLENDALE AVE | 96 | Front Yard | S blue | >48 | Declining | 0 | 0 | 0 | 0 | None | None | 0 | Present, no conflict | None | Remove 2019-2023 | |
| 428 | 308446 | 5107437 | GLENDALE AVE | 96 | Front Yard | Bd | 25-34 | Healthy | 1 | 0 | 0 | 0 | None | Present | 2 | Present, no conflict | None | Leave | |
| 429 | 308474 | 5107427 | GLENDALE AVE | 96 | Front Yard | Bd | 35-48 | Healthy | 0 | 0 | 0 | 0 | None | Present | 2 | Present, no conflict | None | Leave | |
| 430 | 308465 | 5107476 | GLENDALE AVE | 98 | Front Yard | Pr | >48 | Declining | 0 | 3 | 0 | 0 | None | None | 2 | Present, conflict | None | Remove 2013-2018 | |
| 431 | 308122 | 5107551 | GOLF COURSE RD | 0 | Front Yard | Bw | 10-24 | Healthy | 0 | 0 | 0 | 0 | None | Present | 0 | None | None | Leave | |
| 432 | 308123 | 5107547 | GOLF COURSE RD | 0 | Front Yard | Mh | 25-34 | Healthy | 0 | 0 | 0 | 2 | Present | None | 3 | None | None | Leave | |
| 433 | 308128 | 5107547 | GOLF COURSE RD | 0 | Front Yard | Sw | 35-48 | Healthy | 0 | 2 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 434 | 308132 | 5107543 | GOLF COURSE RD | 0 | Front Yard | Sw | 35-48 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 435 | 307790 | 5107714 | GRANITE LN | 0 | Front Yard | Pw | 35-48 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | Present, conflict | None | Remove 2013-2018 | Lean into club |
| 436 | 306100 | 5109480 | GROUSE CRT | 13 | Front Yard | Ob | 10-24 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 437 | 306109 | 5109494 | GROUSE CRT | 34 | Front Yard | Or | 10-24 | Healthy | 0 | 1 | 0 | 1 | None | None | 0 | None | None | Leave | |
| 438 | 306693 | 5108436 | HAMMOND CRT | 15 | Front Yard | Crab/Prunus | <10 | Healthy | 0 | 0 | 0 | 1 | None | None | 1 | None | None | Leave | |
| 439 | 306636 | 5108456 | HAMMOND CRT | 25 | Front Yard | Crab/Prunus | <10 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |

| Tree ID | Easting | Northing | Street | Nearest Address | Site Location | Tree Species | DBH (cm) | Foliage Condition | Lean | Crown Balance | Rot | Cracks | Conks | Coppice Stems | V stems | Wire Conflict | Conflict road/swalk | Management Recommendation | Comment |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 440 | 306611 | 5108474 | HAMMOND CRT | 29 | Front Yard | Mr | 25-34 | Healthy | 0 | 0 | 0 | 1 | None | None | 3 | None | None | Leave | Trim towards house |
| 441 | 306760 | 5108928 | HIGHLAND CRES | 34 | Front Yard | Other | <10 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | Juglans Sp. |
| 442 | 306751 | 5108907 | HIGHLAND CRES | 36 | Front Yard | Mh | <10 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 443 | 306752 | 5108908 | HIGHLAND CRES | 36 | Front Yard | Sw | <10 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 444 | 306737 | 5108891 | HIGHLAND CRES | 38 | Front Yard | Sw | 10-24 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | Present, no conflict | None | Leave | |
| 445 | 306719 | 5108841 | HIGHLAND CRES | 43 | Front Yard | Pr | 35-48 | Healthy | 0 | 1 | 0 | 0 | None | None | 1 | None | None | Leave | |
| 446 | 306719 | 5108841 | HIGHLAND CRES | 43 | Front Yard | Pr | 25-34 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 447 | 306700 | 5108820 | HIGHLAND CRES | 45 | Front Yard | Bf | <10 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 448 | 306689 | 5108828 | HIGHLAND CRES | 46 | Front Yard | Sw | 35-48 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | Present | None | Remove 2013-2018 | |
| 449 | 306689 | 5108828 | HIGHLAND CRES | 46 | Front Yard | Sw | 35-48 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | Present, conflict | None | Remove 2013-2018 | |
| 450 | 306659 | 5108808 | HIGHLAND CRES | 50 | Front Yard | Bd | <10 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 451 | 306654 | 5108807 | HIGHLAND CRES | 50 | Front Yard | Crab/Prunus | <10 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 452 | 306663 | 5108800 | HIGHLAND CRES | 51 | Front Yard | Sw | 10-24 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 453 | 307876 | 5108267 | HILLCREST AVE | 3 | Front Yard | M Norway | 35-48 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 454 | 308449 | 5107588 | HILLCREST AVE | 23 | Side Yard | Bd | >48 | Healthy | 0 | 0 | 0 | 1 | None | Present | 1 | None | None | Remove 2019-2023 | Leaning towards house |
| 455 | 308021 | 5108003 | HILLCREST AVE | 32 | Front Yard | Mr | 35-48 | Declining | 0 | 2 | 3 | 0 | None | None | 0 | None | None | Remove ASAP | Black bark |
| 456 | 308032 | 5108003 | HILLCREST AVE | 32 | Front Yard | Pw | >48 | Healthy | 0 | 2 | 1 | 1 | None | None | 2 | Present, no conflict | None | Remove 2013-2018 | Dead - black bark |
| 457 | 307990 | 5108035 | HILLCREST AVE | 33 | Front Yard | Mr | >48 | Healthy | 0 | 0 | 2 | 0 | Present | None | 0 | Present, conflict | High | Remove 2013-2018 | Roots towards walk/black bark |
| 458 | 308176 | 5107782 | HILLCREST AVE | 51 | Front Yard | Mr | 10-24 | Healthy | 0 | 0 | 0 | 1 | None | Present | 0 | None | None | Leave | |
| 459 | 308219 | 5107781 | HILLCREST AVE | 58 | Front Yard | Pw | >48 | Healthy | 0 | 0 | 0 | 0 | None | None | 2 | None | None | Leave | |
| 460 | 308219 | 5107781 | HILLCREST AVE | 58 | Front Yard | Pw | 10-24 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 461 | 308219 | 5107781 | HILLCREST AVE | 58 | Front Yard | Crab/Prunus | <10 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 462 | 308225 | 5107783 | HILLCREST AVE | 58 | Side Yard | Ash (all) | 10-24 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 463 | 308164 | 5107808 | HILLCREST AVE | 58 | Side Yard | Ce | 10-24 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | clump of 10 |
| 464 | 308163 | 5107808 | HILLCREST AVE | 58 | Side Yard | Pr | 25-34 | Healthy | 0 | 0 | 0 | 0 | None | None | 2 | None | None | Leave | |
| 465 | 308163 | 5107807 | HILLCREST AVE | 58 | Side Yard | Pr | 35-48 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 466 | 308163 | 5107807 | HILLCREST AVE | 58 | Side Yard | Pw | <10 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 467 | 308163 | 5107807 | HILLCREST AVE | 58 | Side Yard | Pj | 25-34 | Declining | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Remove 2013-2018 | broken top |
| 468 | 308219 | 5107781 | HILLCREST AVE | 58 | Front Yard | Crab/Prunus | <10 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 469 | 308209 | 5107821 | HILLCREST AVE | 59 | Front Yard | Pl | 10-24 | Healthy | 1 | 0 | 0 | 0 | None | Present | 0 | None | None | Leave | |
| 470 | 308209 | 5107821 | HILLCREST AVE | 59 | Front Yard | Mr | 35-48 | Healthy | 0 | 0 | 0 | 0 | None | None | 1 | None | None | Leave | |

| Tree ID | Easting | Northing | Street | Nearest Address | Site Location | Tree Species | DBH (cm) | Foliage Condition | Lean | Crown Balance | Rot | Cracks | Conks | Coppice Stems | V stems | Wire Conflict | Conflict road/swalk | Management Recommendation | Comment |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 471 | 308101 | 5107824 | HILLCREST AVE | 59 | Front Yard | Pl | <10 | Healthy | 0 | 0 | 0 | 0 | None | Present | 0 | None | None | Leave | |
| 472 | 308101 | 5107824 | HILLCREST AVE | 59 | Front Yard | Pl | <10 | Healthy | 0 | 0 | 1 | 0 | None | None | 0 | None | None | Leave | |
| 473 | 308101 | 5107824 | HILLCREST AVE | 59 | Front Yard | Crab/Prunus | <10 | Healthy | 0 | 0 | 0 | 0 | None | Present | 0 | None | None | Leave | |
| 474 | 308237 | 5107789 | HILLCREST AVE | 67 | Front Yard | Ash (all) | >48 | Healthy | 2 | 0 | 0 | 2 | None | None | 0 | Present, no conflict | None | Remove 2019-2023 | |
| 475 | 308614 | 5107367 | HILLCREST AVE | 87 | Front Yard | S blue | 25-34 | Healthy | 3 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 476 | 0 | 0 | HILLCREST AVE | 87 | Front Yard | Bf | 25-34 | Healthy | 1 | 0 | 0 | 1 | None | None | 0 | Present, conflict | None | Remove ASAP | |
| 477 | 0 | 0 | HILLCREST AVE | 87 | Front Yard | Bf | 10-24 | Healthy | 1 | 0 | 0 | 0 | None | None | 0 | Present, no conflict | None | Remove 2013-2018 | |
| 478 | 0 | 0 | HILLCREST AVE | 87 | Front Yard | Mr | <10 | Healthy | 2 | 1 | 0 | 0 | None | None | 0 | Present, no conflict | None | Leave | |
| 479 | 0 | 0 | HILLCREST AVE | 87 | Front Yard | Mr | <10 | Healthy | 2 | 1 | 0 | 0 | None | None | 0 | Present, no conflict | None | Leave | |
| 480 | 308636 | 5107366 | HILLCREST AVE | 89 | Front Yard | Bd | <10 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | Dead Top |
| 481 | 308636 | 5107366 | HILLCREST AVE | 90 | Front Yard | Pr | 10-24 | Declining | 0 | 1 | 0 | 0 | None | None | 1 | None | None | Leave | |
| 482 | 308636 | 5107366 | HILLCREST AVE | 90 | Front Yard | Pr | 10-24 | Declining | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 483 | 308344 | 5107653 | HILLCREST AVE | 104 | Front Yard | Ce | 10-24 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 484 | 308261 | 5107748 | HILLCREST ST | 62 | Front Yard | Bd | 35-48 | Healthy | 1 | 0 | 0 | 0 | None | Present | 1 | None | None | Leave | |
| 485 | 308235 | 5107735 | HILLCREST ST | 62 | Side Yard | Or | 10-24 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 486 | 308230 | 5107733 | HILLCREST ST | 62 | Side Yard | Mr | 25-34 | Healthy | 0 | 0 | 3 | 3 | None | None | 2 | None | None | Remove 2019-2023 | |
| 487 | 307214 | 5108496 | HURON ST | 1 | Front Yard | Pw | >48 | Healthy | 1 | 3 | 0 | 0 | None | None | 0 | Present, conflict | None | Remove 2013-2018 | |
| 488 | 307220 | 5108486 | HURON ST | 3 | Front Yard | Or | 25-34 | Healthy | 1 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 489 | 307256 | 5108470 | HURON ST | 6 | Front Yard | Crab/Prunus | <10 | Healthy | 0 | 0 | 0 | 0 | None | None | 1 | None | None | Leave | |
| 490 | 307249 | 5108479 | HURON ST | 6 | Front Yard | Bd | 35-48 | Healthy | 0 | 0 | 1 | 0 | None | None | 1 | None | None | Remove 2019-2023 | |
| 491 | 307245 | 5108485 | HURON ST | 6 | Front Yard | Bd | 35-48 | Healthy | 0 | 0 | 1 | 0 | None | None | 1 | None | None | Trim | |
| 492 | 307272 | 5108454 | HURON ST | 10 | Front Yard | Or | <10 | Healthy | 0 | 0 | 0 | 0 | None | Present | 1 | None | None | Leave | |
| 493 | 307318 | 5108416 | HURON ST | 14 | Front Yard | Ms (silver) | 35-48 | Healthy | 1 | 0 | 3 | 1 | None | None | 3 | None | None | Remove ASAP | |
| 494 | 307308 | 5108423 | HURON ST | 14 | Front Yard | Bd | 35-48 | Healthy | 0 | 0 | 0 | 1 | None | None | 0 | None | None | Leave | |
| 495 | 307296 | 5108430 | HURON ST | 14 | Front Yard | La | 35-48 | Healthy | 1 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 496 | 307324 | 5108317 | HURON ST | 24 | Front Yard | M Norway | 35-48 | Healthy | 0 | 0 | 0 | 1 | None | None | 2 | None | None | Leave | Could trim |
| 497 | 307324 | 5108332 | HURON ST | 24 | Front Yard | Bd | 10-24 | Healthy | 0 | 0 | 0 | 0 | None | None | 1 | None | None | Leave | |
| 498 | 307321 | 5108290 | HURON ST | 28 | Front Yard | Crab/Prunus | 10-24 | Healthy | 0 | 0 | 1 | 0 | None | None | 1 | None | None | Leave | |
| 499 | 307318 | 5108299 | HURON ST | 28 | Front Yard | Ce | <10 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 500 | 307320 | 5108300 | HURON ST | 28 | Front Yard | Ce | <10 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 501 | 307304 | 5108186 | HURON ST | 37 | Front Yard | S blue | <10 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 502 | 307317 | 5108159 | HURON ST | 40 | Front Yard | S blue | <10 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 503 | 307317 | 5108167 | HURON ST | 40 | Front Yard | Ce | <10 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | Ornamental species |
| 504 | 307318 | 5108170 | HURON ST | 40 | Front Yard | S blue | <10 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 505 | 307334 | 5108090 | HURON ST | 44 | Front Yard | Sw | 35-48 | Healthy | 1 | 0 | 0 | 0 | None | None | 3 | None | None | Remove 2013-2018 | Leans to house |
| 506 | 307330 | 5108095 | HURON ST | 44 | Front Yard | Crab/Prunus | <10 | Healthy | 0 | 0 | 0 | 0 | None | None | 1 | None | None | Leave | |
| 507 | 307360 | 5108044 | HURON ST | 50 | Front Yard | Ce | <10 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 508 | 307362 | 5108050 | HURON ST | 50 | Front Yard | Ce | <10 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |

| Tree ID | Easting | Northing | Street | Nearest Address | Site Location | Tree Species | DBH (cm) | Foliage Condition | Lean | Crown Balance | Rot | Cracks | Conks | Coppice Stems | V stems | Wire Conflict | Conflict road/swalk | Management Recommendation | Comment |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 509 | 307361 | 5108057 | HURON ST | 50 | Front Yard | Or | <10 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 510 | 307378 | 5108035 | HURON ST | 52 | Front Yard | Sw | 35-48 | Healthy | 0 | 2 | 0 | 0 | None | None | 1 | None | None | Remove 2013-2018 | 34 Wolfe |
| 511 | 308136 | 5107942 | IBERVILLE ST | 1 | Front Yard | Pr | >48 | Declining | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Remove 2013-2018 | |
| 512 | 308131 | 5107910 | IBERVILLE ST | 4 | Front Yard | Crab/Prunus | 10-24 | Healthy | 0 | 0 | 0 | 0 | None | None | 2 | None | None | Leave | |
| 513 | 308102 | 5107893 | IBERVILLE ST | 4 | Front Yard | Ms (silver) | >48 | Healthy | 0 | 0 | 2 | 0 | None | None | 2 | Present, conflict | None | Remove 2013-2018 | |
| 514 | 308100 | 5107878 | IBERVILLE ST | 5 | Front Yard | Crab/Prunus | <10 | Healthy | 0 | 0 | 0 | 0 | None | None | 2 | None | None | Leave | |
| 515 | 308074 | 5107862 | IBERVILLE ST | 6 | Front Yard | M Norway | 35-48 | Healthy | 0 | 0 | 1 | 0 | None | None | 2 | Present, conflict | None | Remove 2013-2018 | |
| 516 | 308068 | 5107856 | IBERVILLE ST | 7 | Front Yard | Mr | 35-48 | Healthy | 0 | 0 | 2 | 2 | None | None | 3 | None | None | Leave | |
| 517 | 308077 | 5107863 | IBERVILLE ST | 7 | Front Yard | Crab/Prunus | <10 | Healthy | 0 | 0 | 1 | 0 | None | None | 0 | None | None | Leave | |
| 518 | 308060 | 5107866 | IBERVILLE ST | 9 | Front Yard | M Norway | 10-24 | Healthy | 0 | 0 | 0 | 0 | None | None | 2 | None | None | Leave | |
| 519 | 308037 | 5107838 | IBERVILLE ST | 10 | Front Yard | Other | <10 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | Unsure of species |
| 520 | 308033 | 5107839 | IBERVILLE ST | 10 | Front Yard | Pw | <10 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | Clump of 4 |
| 521 | 308062 | 5107866 | IBERVILLE ST | 11 | Front Yard | Mr | 35-48 | Healthy | 0 | 0 | 0 | 1 | None | None | 2 | None | None | Remove 2013-2018 | |
| 522 | 308029 | 5107839 | IBERVILLE ST | 12 | Front Yard | Sw | 35-48 | Healthy | 0 | 2 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 523 | 308027 | 5107841 | IBERVILLE ST | 12 | Front Yard | Sw | 35-48 | Healthy | 0 | 2 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 524 | 308027 | 5107840 | IBERVILLE ST | 12 | Front Yard | Bf | <10 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | Clump of 6 |
| 525 | 308003 | 5107829 | IBERVILLE ST | 12 | Front Yard | Mr | 10-24 | Healthy | 1 | 0 | 1 | 1 | None | Present | 2 | None | None | Leave | |
| 526 | 308001 | 5107829 | IBERVILLE ST | 15 | Front Yard | Pr | >48 | Healthy | 1 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 527 | 308008 | 5107816 | IBERVILLE ST | 17 | Front Yard | Mr | 25-34 | Healthy | 1 | 0 | 0 | 1 | None | Present | 2 | None | None | Leave | Slight lean to house |
| 528 | 308008 | 5107810 | IBERVILLE ST | 17 | Front Yard | Mr | >48 | Healthy | 0 | 2 | 3 | 0 | None | None | 2 | None | None | Remove 2013-2018 | Slight lean to house |
| 529 | 307975 | 5107801 | IBERVILLE ST | 20 | Front Yard | S blue | 35-48 | Healthy | 1 | 1 | 0 | 0 | None | None | 2 | None | None | Leave | |
| 530 | 307967 | 5107813 | IBERVILLE ST | 20 | Front Yard | S blue | >48 | Healthy | 1 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 531 | 307948 | 5107799 | IBERVILLE ST | 20 | Front Yard | Pw | 10-24 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | Blister rust |
| 532 | 307944 | 5107805 | IBERVILLE ST | 20 | Front Yard | S blue | <10 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 533 | 307945 | 5107806 | IBERVILLE ST | 20 | Front Yard | Crab/Prunus | <10 | Healthy | 0 | 2 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 534 | 307944 | 5107806 | IBERVILLE ST | 20 | Front Yard | S blue | 10-24 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 535 | 307943 | 5107805 | IBERVILLE ST | 20 | Front Yard | Pw | 10-24 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 536 | 307934 | 5107776 | IBERVILLE ST | 20 | Side Yard | Crab/Prunus | 10-24 | Healthy | 0 | 0 | 2 | 1 | None | None | 2 | None | None | Leave | |
| 537 | 308179 | 5107940 | IBERVILLE ST | 38 | Side Yard | Locust | <10 | Healthy | 0 | 0 | 0 | 0 | None | Present | 1 | None | None | Leave | |
| 538 | 308178 | 5107938 | IBERVILLE ST | 38 | Side Yard | Locust | <10 | Healthy | 0 | 0 | 0 | 0 | None | Present | 1 | None | None | Leave | |
| 539 | 308135 | 5107900 | IBERVILLE ST | 51 | Side Yard | Ce | 10-24 | Healthy | 1 | 1 | 0 | 0 | None | None | 2 | None | None | Leave | Clump of 5 |
| 540 | 308137 | 5107898 | IBERVILLE ST | 51 | Side Yard | Pw | 35-48 | Healthy | 1 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 541 | 308140 | 5107900 | IBERVILLE ST | 51 | Side Yard | Pw | 35-48 | Declining | 2 | 2 | 0 | 0 | None | None | 0 | None | None | Remove ASAP | |
| 542 | 308141 | 5107901 | IBERVILLE ST | 51 | Side Yard | Pw | >48 | Healthy | 0 | 2 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 543 | 308144 | 5107902 | IBERVILLE ST | 51 | Side Yard | Ce | 10-24 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 544 | 308148 | 5107903 | IBERVILLE ST | 51 | Side Yard | Ce | 10-24 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 545 | 306373 | 5108766 | JAMES ST | 19 | Front Yard | Pr | 35-48 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 546 | 308263 | 5107506 | KELVIN CRES | 1 | Front Yard | Bf | 10-24 | Declining | 0 | 0 | 0 | 0 | None | None | 1 | None | None | Remove 2019-2023 | |
| 547 | 308261 | 5107510 | Kelvin CRES | 1 | Front Yard | S blue | 35-48 | Declining | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 548 | 308275 | 5107515 | KELVIN CRES | 1 | Front Yard | Bf | 35-48 | Declining | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |

| Tree ID | Easting | Northing | Street | Nearest Address | Site Location | Tree Species | DBH (cm) | Foliage Condition | Lean | Crown Balance | Rot | Cracks | Conks | Coppice Stems | V stems | Wire Conflict | Conflict road/swalk | Management Recommendation | Comment |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 549 | 308249 | 5107434 | KELVIN CRES | 3 | Front Yard | Crab/Prunus | 10-24 | Healthy | 0 | 0 | 0 | 0 | Present | None | 2 | None | None | Leave | |
| 550 | 308235 | 5107492 | KELVIN CRES | 4 | Front Yard | Bd | >48 | Healthy | 3 | 3 | 2 | 1 | Present | Present | 2 | None | None | Remove ASAP | Lean to house |
| 551 | 308264 | 5107446 | KELVIN CRES | 5 | Front Yard | Mr | 35-48 | Healthy | 0 | 0 | 0 | 0 | None | None | 1 | None | None | Leave | |
| 552 | 308315 | 5107416 | KELVIN CRES | 16 | Front Yard | Mr | 10-24 | Healthy | 0 | 0 | 2 | 2 | Present | None | 2 | None | None | Remove 2013-2018 | |
| 553 | 308309 | 5107414 | KELVIN CRES | 16 | Front Yard | Crab/Prunus | 10-24 | Healthy | 0 | 0 | 0 | 1 | None | None | 2 | None | None | Leave | |
| 554 | 308313 | 5107435 | KELVIN CRES | 17 | Side Yard | La | >48 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 555 | 308299 | 5107419 | KELVIN CRES | 17 | Front Yard | Crab/Prunus | 25-34 | Healthy | 0 | 0 | 0 | 1 | None | None | 2 | None | None | Leave | |
| 556 | 308292 | 5107422 | KELVIN CRES | 17 | Front Yard | Crab/Prunus | 25-34 | Healthy | 0 | 0 | 1 | 1 | None | None | 1 | None | None | Leave | |
| 557 | 308326 | 5107427 | KELVIN CRES | 18 | Front Yard | Ce | 25-34 | Healthy | 0 | 3 | 0 | 0 | None | None | 1 | None | None | Leave | |
| 558 | 308326 | 5107427 | KELVIN CRES | 18 | Front Yard | Ce | 35-48 | Healthy | 0 | 3 | 0 | 0 | None | None | 1 | None | None | Leave | |
| 559 | 308335 | 5107435 | KELVIN CRES | 19 | Front Yard | Crab/Prunus | 35-48 | Healthy | 0 | 0 | 1 | 0 | None | None | 2 | None | None | Leave | |
| 560 | 308601 | 5107614 | LASALLE | 12 | Front Yard | Ce | 35-48 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 561 | 308602 | 5107645 | LASALLE | 12 | Front Yard | Mr | 25-34 | Declining | 3 | 0 | 1 | 1 | Present | Present | 1 | None | None | Remove ASAP | Black Bark |
| 562 | 0 | 0 | LASALLE | 12 | Front Yard | Sw | 25-34 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 563 | 0 | 0 | LASALLE | 26 | Front Yard | By | 35-48 | Healthy | 0 | 0 | 0 | 0 | None | Present | 0 | Present, conflict | None | Trim | |
| 564 | 308534 | 5107555 | LASALLE DR | 3 | Front Yard | Or | >48 | Healthy | 0 | 0 | 0 | 1 | None | Present | 0 | None | None | Leave | |
| 565 | 308602 | 5107676 | LASALLE DR | 17 | Front Yard | Crab/Prunus | 10-24 | Healthy | 0 | 0 | 0 | 0 | None | Present | 0 | None | None | Leave | |
| 566 | 308603 | 5107707 | LASALLE DR | 19 | Front Yard | Mr | 25-34 | Healthy | 0 | 0 | 0 | 1 | None | Present | 0 | None | None | Leave | |
| 567 | 308625 | 5107706 | LASALLE DR | 20 | Front Yard | Crab/Prunus | 35-48 | Healthy | 0 | 0 | 0 | 1 | None | None | 0 | None | None | Leave | |
| 568 | 308626 | 5107737 | LASALLE DR | 25 | Front Yard | Mh | 10-24 | Healthy | 0 | 0 | 0 | 1 | None | None | 0 | None | None | Leave | |
| 569 | 308626 | 5107737 | LASALLE DR | 26 | Front Yard | By | 10-24 | Healthy | 1 | 0 | 1 | 1 | None | None | 1 | Present, conflict | None | Leave | |
| 570 | 306164 | 5109626 | LAURENCE CRT | 1 | Front Yard | Pr | 35-48 | Healthy | 1 | 1 | 0 | 0 | None | None | 2 | None | None | Leave | |
| 571 | 306148 | 5109636 | LAURENCE CRT | 1 | Front Yard | S blue | 25-34 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 572 | 306131 | 5109656 | LAURENCE CRT | 1 | Front Yard | Ash (all) | 10-24 | Healthy | 0 | 1 | 0 | 0 | None | None | 1 | None | None | Leave | |
| 573 | 306178 | 5109602 | LAURENCE CRT | 11 | Front Yard | Or | <10 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 574 | 306168 | 5109617 | LAURENCE CRT | 11 | Front Yard | Or | 10-24 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | White face scar |
| 575 | 306174 | 5109631 | LAURENCE CRT | 11 | Front Yard | Or | <10 | Healthy | 0 | 1 | 0 | 0 | None | None | 1 | None | None | Leave | |
| 576 | 306178 | 5109602 | LAURENCE CRT | 11 | Front Yard | Crab/Prunus | 10-24 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 577 | 307816 | 5107858 | LAURENTIAN ST | 0 | Side Yard | Pr | 35-48 | Healthy | 1 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 578 | 307819 | 5107859 | LAURENTIAN ST | 0 | Side Yard | Pw | 35-48 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 579 | 308095 | 5107939 | LAURENTIAN ST | 1 | Side Yard | Pw | >48 | Healthy | 3 | 0 | 0 | 0 | None | None | 0 | None | None | Remove 2013-2018 | |
| 580 | 308095 | 5107939 | LAURENTIAN ST | 1 | Side Yard | Mr | 35-48 | Healthy | 0 | 2 | 0 | 0 | None | None | 0 | Present, no conflict | None | Remove 2019-2023 | black bark |
| 581 | 308032 | 5108003 | LAURENTIAN ST | 2 | Front Yard | Pw | >48 | Declining | 1 | 1 | 0 | 0 | None | None | 2 | None | None | Remove 2019-2023 | |
| 582 | 307963 | 5107917 | LAURENTIAN ST | 15 | Front Yard | Mr | 25-34 | Healthy | 0 | 0 | 0 | 0 | None | None | 2 | None | None | Leave | |
| 583 | 307941 | 5107906 | LAURENTIAN ST | 19 | Front Yard | Pr | >48 | Declining | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 584 | 307921 | 5107914 | LAURENTIAN ST | 20 | Front Yard | Mr | 35-48 | Healthy | 1 | 0 | 0 | 1 | None | Present | 2 | None | None | Remove 2013-2018 | 1 leans to house |
| 585 | 307919 | 5107887 | LAURENTIAN ST | 21 | Front Yard | Crab/Prunus | 25-34 | Healthy | 0 | 0 | 0 | 1 | None | None | 0 | None | None | Leave | |
| 586 | 307895 | 5107895 | LAURENTIAN ST | 22 | Front Yard | Mr | <10 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 587 | 307913 | 5107889 | LAURENTIAN ST | 23 | Front Yard | S blue | 35-48 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |

| Tree ID | Easting | Northing | Street | Nearest Address | Site Location | Tree Species | DBH (cm) | Foliage Condition | Lean | Crown Balance | Rot | Cracks | Conks | Coppice Stems | V stems | Wire Conflict | Conflict road/swalk | Management Recommendation | Comment |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 588 | 307880 | 5107891 | LAURENTIAN ST | 24 | Front Yard | Or | 35-48 | Healthy | 0 | 0 | 1 | 2 | None | None | 3 | None | None | Leave | |
| 589 | 307895 | 5107880 | LAURENTIAN ST | 25 | Front Yard | Sw | 35-48 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Remove 2013-2018 | |
| 590 | 307868 | 5107872 | LAURENTIAN ST | 27 | Front Yard | Ce | 10-24 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 591 | 307873 | 5107869 | LAURENTIAN ST | 27 | Front Yard | Ce | 35-48 | Healthy | 0 | 0 | 1 | 1 | None | None | 2 | None | None | Leave | |
| 592 | 307844 | 5107877 | LAURENTIAN ST | 28 | Front Yard | Ce | 10-24 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 593 | 307029 | 5108994 | LAURIER AVE | 0 | Front Yard | M Norway | >48 | Healthy | 0 | 1 | 2 | 1 | Present | None | 0 | None | None | Remove 2013-2018 | |
| 594 | 307314 | 5108727 | LAURIER AVE | 1 | Front Yard | Mr | 25-34 | Healthy | 1 | 0 | 0 | 1 | None | None | 1 | None | None | Leave | |
| 595 | 307336 | 5108722 | LAURIER AVE | 1 | Front Yard | Mh | >48 | Healthy | 1 | 1 | 3 | 3 | None | Present | 3 | None | None | Remove ASAP | Lean to house/ Black bark |
| 596 | 307289 | 5108743 | LAURIER AVE | 2 | Front Yard | Mm | >48 | Healthy | 1 | 1 | 1 | 2 | None | None | 2 | None | None | Remove 2013-2018 | |
| 597 | 307308 | 5108721 | LAURIER AVE | 3 | Front Yard | Pw | >48 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 598 | 307237 | 5108775 | LAURIER AVE | 6 | Front Yard | Be | >48 | Healthy | 0 | 0 | 0 | 1 | None | None | 2 | None | None | Leave | |
| 599 | 307224 | 5108793 | LAURIER AVE | 8 | Front Yard | Pw | >48 | Healthy | 0 | 0 | 0 | 0 | None | None | 2 | None | None | Remove 2019-2023 | |
| 600 | 307233 | 5108785 | LAURIER AVE | 8 | Front Yard | S blue | <10 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 601 | 307210 | 5108804 | LAURIER AVE | 10 | Front Yard | Or | 25-34 | Healthy | 0 | 0 | 0 | 1 | None | None | 1 | None | None | Leave | |
| 602 | 307219 | 5108809 | LAURIER AVE | 10 | Front Yard | Crab/Prunus | 10-24 | Healthy | 0 | 0 | 0 | 0 | None | None | 2 | None | None | Leave | |
| 603 | 307189 | 5108834 | LAURIER AVE | 12 | Front Yard | Ash (all) | >48 | Healthy | 1 | 0 | 3 | 2 | None | None | 3 | None | None | Remove 2013-2018 | Leaning towards house |
| 604 | 307153 | 5108870 | LAURIER AVE | 16 | Front Yard | Mr | 10-24 | Healthy | 0 | 0 | 0 | 1 | None | None | 1 | None | None | Leave | |
| 605 | 307136 | 5108887 | LAURIER AVE | 18 | Front Yard | Other | 10-24 | Healthy | 0 | 0 | 0 | 0 | None | None | 1 | None | None | Leave | Elm? |
| 606 | 307125 | 5108899 | LAURIER AVE | 20 | Front Yard | Bw | 35-48 | Healthy | 2 | 0 | 3 | 2 | None | Present | 2 | None | None | Remove 2013-2018 | |
| 607 | 307096 | 5108926 | LAURIER AVE | 22 | Front Yard | M Norway | 10-24 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 608 | 307109 | 5108914 | LAURIER AVE | 22 | Front Yard | M Norway | >48 | Healthy | 1 | 0 | 3 | 2 | None | Present | 3 | None | None | Remove 2019-2023 | Lean to house |
| 609 | 307091 | 5108908 | LAURIER AVE | 23 | Front Yard | Sw | 35-48 | Healthy | 0 | 2 | 0 | 0 | None | None | 2 | None | None | Remove 2013-2018 | |
| 610 | 307100 | 5108905 | LAURIER AVE | 23 | Front Yard | Crab/Prunus | 10-24 | Healthy | 0 | 0 | 0 | 0 | None | None | 1 | None | None | Leave | |
| 611 | 307089 | 5108930 | LAURIER AVE | 24 | Front Yard | Mr | <10 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | Clump of 20 |
| 612 | 307093 | 5108928 | LAURIER AVE | 24 | Front Yard | Sw | 35-48 | Healthy | 0 | 2 | 0 | 0 | None | None | 0 | None | None | Remove 2013-2018 | |
| 613 | 307092 | 5108928 | LAURIER AVE | 24 | Front Yard | Sw | 35-48 | Healthy | 0 | 2 | 3 | 0 | Present | None | 0 | None | None | Remove 2013-2018 | |
| 614 | 307058 | 5108965 | LAURIER AVE | 26 | Front Yard | S blue | 10-24 | Healthy | 0 | 0 | 0 | 0 | None | None | 2 | None | None | Leave | |
| 615 | 307052 | 5108977 | LAURIER AVE | 28 | Front Yard | Crab/Prunus | 25-34 | Healthy | 0 | 0 | 2 | 1 | Present | Present | 0 | None | None | Leave | |
| 616 | 307019 | 5109000 | LAURIER AVE | 30 | Front Yard | S blue | 10-24 | Declining | 0 | 2 | 0 | 0 | None | None | 2 | None | None | Leave | |
| 617 | 307037 | 5108987 | LAURIER AVE | 30 | Front Yard | S blue | 35-48 | Healthy | 3 | 2 | 0 | 0 | None | None | 3 | None | None | Leave | |
| 618 | 307004 | 5109004 | LAURIER AVE | 32 | Front Yard | Mr | >48 | Healthy | 0 | 0 | 2 | 2 | None | None | 1 | None | None | Leave | |
| 619 | 306991 | 5108986 | LAURIER AVE | 33 | Front Yard | Crab/Prunus | 10-24 | Healthy | 0 | 0 | 1 | 0 | None | None | 0 | None | None | Leave | |
| 620 | 307010 | 5108985 | LAURIER AVE | 33 | Front Yard | S blue | 10-24 | Healthy | 0 | 0 | 0 | 0 | None | None | 1 | None | None | Leave | |
| 621 | 306972 | 5109003 | LAURIER AVE | 34 | Front Yard | Pr | 35-48 | Healthy | 0 | 2 | 0 | 0 | None | None | 1 | None | None | Leave | |
| 622 | 306981 | 5109009 | LAURIER AVE | 34 | Front Yard | Other | 10-24 | Healthy | 0 | 0 | 0 | 0 | None | None | 2 | None | None | Leave | |
| 623 | 306988 | 5109007 | LAURIER AVE | 34 | Front Yard | Other | 10-24 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 624 | 306967 | 5109002 | LAURIER AVE | 36 | Front Yard | Other | 10-24 | Healthy | 3 | 2 | 2 | 1 | None | Present | 1 | None | None | Leave | |
| 625 | 306944 | 5108908 | LAURIER AVE | 39 | Front Yard | Pw | >48 | Healthy | 0 | 0 | 0 | 0 | None | None | 2 | None | None | Leave | |

| Tree ID | Easting | Northing | Street | Nearest Address | Site Location | Tree Species | DBH (cm) | Foliage Condition | Lean | Crown Balance | Rot | Cracks | Conks | Coppice Stems | V stems | Wire Conflict | Conflict road/swalk | Management Recommendation | Comment |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 626 | 306927 | 5108978 | LAURIER AVE | 40 | Front Yard | Or | >48 | Healthy | 2 | 0 | 0 | 0 | None | None | 1 | None | None | Leave | |
| 627 | 306927 | 5108979 | LAURIER AVE | 40 | Front Yard | Or | >48 | Healthy | 2 | 0 | 0 | 0 | None | None | 1 | None | None | Leave | Lean to house |
| 628 | 306925 | 5108929 | LAURIER AVE | 42 | Front Yard | S blue | 25-34 | Healthy | 1 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 629 | 306955 | 5108795 | LAURIER AVE | 52 | Front Yard | Other | 10-24 | Healthy | 0 | 0 | 0 | 0 | None | Present | 0 | None | None | Leave | |
| 630 | 306956 | 5108802 | LAURIER AVE | 52 | Front Yard | S blue | <10 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 631 | 306954 | 5108807 | LAURIER AVE | 52 | Front Yard | S blue | <10 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 632 | 306951 | 5108807 | LAURIER AVE | 52 | Front Yard | Pw | <10 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 633 | 306951 | 5108807 | LAURIER AVE | 52 | Front Yard | Bf | <10 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 634 | 306951 | 5108811 | LAURIER AVE | 52 | Front Yard | La | <10 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 635 | 308224 | 5107728 | LECARON ST | 15 | Front Yard | Mr | <10 | Healthy | 0 | 0 | 0 | 0 | None | Present | 0 | None | None | Leave | |
| 636 | 308222 | 5107728 | LECARON ST | 15 | Front Yard | Mr | >48 | Healthy | 1 | 0 | 2 | 2 | None | None | 2 | None | None | Remove 2013-2018 | |
| 637 | 308186 | 5107712 | LECARON ST | 15 | Front Yard | S blue | 10-24 | Healthy | 1 | 2 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 638 | 308190 | 5107701 | LECARON ST | 16 | Front Yard | S blue | 25-34 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 639 | 308200 | 5107701 | LECARON ST | 16 | Front Yard | Bd | 35-48 | Healthy | 2 | 0 | 0 | 1 | None | None | 0 | None | None | Leave | |
| 640 | 308228 | 5107719 | LECARON ST | 16 | Front Yard | Crab/Prunus | 35-48 | Healthy | 3 | 0 | 3 | 1 | None | Present | 3 | None | None | Leave | Will fall on its own |
| 641 | 308171 | 5107694 | LECARON ST | 19 | Front Yard | Crab/Prunus | <10 | Healthy | 2 | 0 | 0 | 2 | None | None | 0 | None | None | Leave | |
| 642 | 308185 | 5107699 | LECARON ST | 20 | Front Yard | Lilac | 25-34 | Healthy | 0 | 0 | 2 | 0 | None | None | 0 | None | None | Leave | |
| 643 | 308176 | 5107699 | LECARON ST | 22 | Front Yard | Ms (silver) | >48 | Healthy | 1 | 0 | 0 | 1 | None | Present | 1 | None | None | Leave | |
| 644 | 308169 | 5107664 | LECARON ST | 26 | Front Yard | Mr | 35-48 | Healthy | 1 | 0 | 2 | 0 | None | Present | 2 | None | None | Leave | 2 tops towards house |
| 645 | 308127 | 5107611 | LECARON ST | 27 | Front Yard | Bw | 10-24 | Healthy | 2 | 0 | 0 | 0 | None | Present | 0 | None | None | Leave | |
| 646 | 308092 | 5107609 | LECARON ST | 27 | Side Yard | Bd | >48 | Healthy | 1 | 0 | 3 | 3 | Present | None | 3 | None | None | Remove ASAP | |
| 647 | 308144 | 5107656 | LECARON ST | 28 | Front Yard | Ash (all) | 10-24 | Healthy | 0 | 2 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 648 | 308105 | 5107625 | LECARON ST | 34 | Side Yard | Ce | <10 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 649 | 308107 | 5107625 | LECARON ST | 34 | Side Yard | Or | >48 | Healthy | 1 | 0 | 0 | 2 | None | None | 2 | None | None | Leave | |
| 650 | 308116 | 5107615 | LECARON ST | 34 | Front Yard | Crab/Prunus | 35-48 | Healthy | 1 | 0 | 2 | 0 | None | None | 2 | None | None | Leave | |
| 651 | 308114 | 5107624 | LECARON ST | 34 | Front Yard | Mr | 10-24 | Healthy | 0 | 0 | 0 | 0 | None | None | 2 | None | None | Leave | |
| 652 | 307231 | 5108748 | MACDONALD ST | 1 | Front Yard | S blue | 35-48 | Healthy | 0 | 0 | 0 | 0 | None | None | 1 | None | None | Leave | |
| 653 | 307230 | 5108720 | MACDONALD ST | 3 | Front Yard | Ash (all) | 25-34 | Healthy | 2 | 2 | 0 | 0 | None | None | 1 | None | None | Leave | |
| 654 | 307218 | 5108738 | MACDONALD ST | 4 | Front Yard | Ash (all) | >48 | Healthy | 1 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 655 | 307209 | 5108730 | MACDONALD ST | 4 | Front Yard | S blue | 25-34 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 656 | 307215 | 5108706 | MACDONALD ST | 5 | Front Yard | Other | <10 | Healthy | 0 | 0 | 0 | 0 | None | None | 1 | None | None | Leave | Juglans |
| 657 | 307210 | 5108705 | MACDONALD ST | 5 | Front Yard | Other | <10 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | Juglans |
| 658 | 307195 | 5108718 | MACDONALD ST | 6 | Front Yard | Pr | >48 | Declining | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Remove 2019-2023 | |
| 659 | 307196 | 5108686 | MACDONALD ST | 7 | Front Yard | Bd | 25-34 | Healthy | 0 | 0 | 0 | 1 | None | None | 0 | None | None | Leave | |
| 660 | 307191 | 5108683 | MACDONALD ST | 7 | Front Yard | Bd | 35-48 | Healthy | 0 | 0 | 0 | 1 | None | None | 1 | None | None | Leave | |

| Tree ID | Easting | Northing | Street | Nearest Address | Site Location | Tree Species | DBH (cm) | Foliage Condition | Lean | Crown Balance | Rot | Cracks | Conks | Coppice Stems | V stems | Wire Conflict | Conflict road/swalk | Management Recommendation | Comment |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 661 | 307171 | 5108683 | MACDONALD ST | 8 | Front Yard | Sw | >48 | Healthy | 0 | 0 | 0 | 0 | None | None | 2 | None | None | Leave | |
| 662 | 307176 | 5108669 | MACDONALD ST | 9 | Front Yard | Pw | >48 | Healthy | 0 | 0 | 0 | 0 | None | None | 1 | None | None | Leave | |
| 663 | 307167 | 5108678 | MACDONALD ST | 10 | Front Yard | Pr | >48 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 664 | 307151 | 5108657 | MACDONALD ST | 10 | Front Yard | Pj | 35-48 | Healthy | 1 | 1 | 1 | 0 | None | None | 0 | None | None | Remove ASAP | |
| 665 | 307158 | 5108634 | MACDONALD ST | 11 | Front Yard | Other | 10-24 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | Exotic maple |
| 666 | 307167 | 5108678 | MACDONALD ST | 12 | Front Yard | Pr | >48 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 667 | 307134 | 5108619 | MACDONALD ST | 14 | Front Yard | Or | 35-48 | Healthy | 0 | 0 | 0 | 2 | None | None | 2 | None | None | Leave | |
| 668 | 307139 | 5108568 | MACDONALD ST | 17 | Front Yard | Other | 10-24 | Healthy | 1 | 1 | 0 | 0 | None | None | 2 | None | None | Leave | |
| 669 | 307144 | 5108588 | MACDONALD ST | 17 | Front Yard | Sw | 25-34 | Healthy | 1 | 2 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 670 | 307138 | 5108557 | MACDONALD ST | 19 | Front Yard | Crab/Prunus | <10 | Healthy | 0 | 0 | 0 | 0 | None | Present | 0 | None | None | Leave | |
| 671 | 307137 | 5108541 | MACDONALD ST | 19 | Front Yard | Or | <10 | Healthy | 0 | 0 | 0 | 0 | None | None | 1 | None | None | Leave | |
| 672 | 307123 | 5108561 | MACDONALD ST | 20 | Front Yard | Other | <10 | Healthy | 0 | 0 | 0 | 0 | None | Present | 0 | None | None | Leave | Unknown species |
| 673 | 307123 | 5108553 | MACDONALD ST | 22 | Front Yard | S blue | 10-24 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 674 | 307123 | 5108550 | MACDONALD ST | 22 | Front Yard | S blue | 10-24 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 675 | 307124 | 5108553 | MACDONALD ST | 22 | Front Yard | S blue | 10-24 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 676 | 307120 | 5108550 | MACDONALD ST | 22 | Front Yard | S blue | 10-24 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 677 | 308360 | 5107500 | MAPLE ST | 88 | Front Yard | Mm | <10 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | Present, no conflict | None | Leave | |
| 678 | 308358 | 5107496 | MAPLE ST | 88 | Front Yard | S blue | 10-24 | Healthy | 0 | 3 | 0 | 0 | None | None | 0 | Present, no conflict | None | Trim | |
| 679 | 308371 | 5107499 | MAPLE ST | 88 | Front Yard | S blue | 10-24 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | Present, conflict | None | Remove 2013-2018 | On the wire |
| 680 | 308329 | 5107525 | MAPLE ST | 88 | Front Yard | Bf | 25-34 | Healthy | 0 | 0 | 2 | 0 | None | None | 0 | None | None | Remove ASAP | |
| 681 | 308329 | 5107522 | MAPLE ST | 89 | Front Yard | Pw | 25-34 | Healthy | 0 | 3 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 682 | 308329 | 5107523 | MAPLE ST | 89 | Front Yard | Pw | 25-34 | Healthy | 0 | 2 | 0 | 0 | None | None | 0 | Present, no conflict | None | Leave | Lean to garage |
| 683 | 308329 | 5107523 | MAPLE ST | 89 | Front Yard | Pw | 35-48 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | Present, conflict | None | Trim | |
| 684 | 308318 | 5107523 | MAPLE ST | 89 | Front Yard | Pw | 25-34 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | Present, no conflict | None | Remove 2013-2018 | |
| 685 | 308309 | 5107530 | MAPLE ST | 89 | Front Yard | Pm | 10-24 | Healthy | 0 | 2 | 0 | 0 | None | Present | 0 | None | None | Leave | 4 coppice |
| 686 | 308353 | 5107543 | MAPLE ST | 93 | Front Yard | Bf | 35-48 | Declining | 1 | 0 | 0 | 0 | None | None | 0 | Present, no conflict | None | Leave | |

| Tree ID | Easting | Northing | Street | Nearest Address | Site Location | Tree Species | DBH (cm) | Foliage Condition | Lean | Crown Balance | Rot | Cracks | Conks | Coppice Stems | V stems | Wire Conflict | Conflict road/swalk | Management Recommendation | Comment |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 687 | 308331 | 5107553 | MAPLE ST | 94 | Front Yard | S blue | <10 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | Present, no conflict | None | Leave | |
| 688 | 307802 | 5107718 | MCELLIGOTT DR | 0 | Front Yard | M Norway | 10-24 | Healthy | 0 | 1 | 0 | 1 | None | Present | 2 | None | None | Leave | |
| 689 | 307809 | 5107713 | MCELLIGOTT DR | 0 | Front Yard | Pw | <10 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 690 | 307418 | 5108349 | MONTCALM ST | 23 | Front Yard | Sw | 10-24 | Healthy | 0 | 2 | 0 | 0 | None | None | 0 | Present, no conflict | None | Leave | Could trim |
| 691 | 307418 | 5108343 | MONTCALM ST | 23 | Front Yard | Sw | 25-34 | Healthy | 0 | 2 | 0 | 0 | None | None | 0 | Present, no conflict | None | Leave | Could trim |
| 692 | 307419 | 5108290 | MONTCALM ST | 29 | Front Yard | Other | 10-24 | Healthy | 0 | 0 | 1 | 0 | None | None | 1 | Present, no conflict | None | Leave | Catalpa |
| 693 | 307419 | 5108291 | MONTCALM ST | 29 | Front Yard | Other | <10 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | Present, no conflict | None | Leave | |
| 694 | 307416 | 5108283 | MONTCALM ST | 29 | Front Yard | Other | 10-24 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | Present, no conflict | None | Leave | Catalpa |
| 695 | 307417 | 5108270 | MONTCALM ST | 31 | Front Yard | Crab/Prunus | 25-34 | Healthy | 0 | 0 | 0 | 1 | None | None | 0 | Present, no conflict | None | Leave | |
| 696 | 307438 | 5108425 | MONTCALM ST | 56 | Side Yard | Pr | >48 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 697 | 307437 | 5108415 | MONTCALM ST | 56 | Side Yard | Pr | 35-48 | Declining | 1 | 0 | 0 | 0 | None | None | 0 | Present, conflict | None | Remove 2013-2018 | |
| 698 | 307423 | 5108484 | MONTCALM ST | 58 | Side Yard | Pw | >48 | Healthy | 1 | 3 | 0 | 0 | None | None | 3 | Present, no conflict | None | Leave | |
| 699 | 307419 | 5108383 | MONTCALM ST | 58 | Side Yard | M Norway | >48 | Healthy | 1 | 1 | 0 | 1 | None | Present | 2 | Present, conflict | None | Remove 2013-2018 | |
| 700 | 307420 | 5108381 | MONTCALM ST | 58 | Side Yard | Pw | 25-34 | Declining | 1 | 2 | 0 | 0 | None | None | 0 | Present, conflict | None | Leave | |
| 701 | 306943 | 5108591 | MOUNTAIN VIEW CRES | 7 | Front Yard | Or | 25-34 | Healthy | 1 | 0 | 1 | 1 | None | Present | 1 | None | None | Leave | |
| 702 | 306938 | 5108609 | MOUNTAIN VIEW CRES | 8 | Front Yard | Mr | 10-24 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 703 | 308303 | 5107716 | NEWTON CRES | 1 | Front Yard | Pw | <10 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 704 | 308323 | 5107685 | NEWTON CRES | 1 | Front Yard | Mr | <10 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 705 | 308323 | 5107685 | NEWTON CRES | 1 | Front Yard | Crab/Prunus | <10 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 706 | 308323 | 5107685 | NEWTON CRES | 1 | Front Yard | M Norway | <10 | Healthy | 0 | 0 | 0 | 1 | None | Present | 1 | None | None | Leave | |
| 707 | 308303 | 5107716 | NEWTON CRES | 1 | Front Yard | Or | 10-24 | Healthy | 1 | 1 | 0 | 0 | None | 4 | 4 | Present, no conflict | None | Leave | |
| 708 | 308316 | 5107687 | NEWTON CRES | 2 | Side Yard | Sw | 25-34 | Healthy | 0 | 2 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 709 | 308317 | 5107689 | NEWTON CRES | 2 | Side Yard | S blue | 25-34 | Healthy | 0 | 2 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 710 | 308318 | 5107688 | NEWTON CRES | 2 | Side Yard | S blue | 25-34 | Healthy | 0 | 2 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 711 | 308319 | 5107687 | NEWTON CRES | 2 | Side Yard | S blue | 35-48 | Healthy | 0 | 2 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 712 | 308321 | 5107686 | NEWTON CRES | 2 | Side Yard | S blue | 10-24 | Healthy | 0 | 2 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 713 | 308321 | 5107685 | NEWTON CRES | 2 | Side Yard | S blue | 35-48 | Healthy | 0 | 2 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 714 | 308322 | 5107684 | NEWTON CRES | 2 | Side Yard | S blue | 35-48 | Healthy | 0 | 2 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 715 | 308327 | 5107685 | NEWTON CRES | 2 | Side Yard | S blue | 25-34 | Healthy | 0 | 2 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 716 | 308324 | 5107683 | NEWTON CRES | 2 | Side Yard | Ce | <10 | Healthy | 0 | 2 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 717 | 308325 | 5107685 | NEWTON CRES | 2 | Side Yard | Ce | <10 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 718 | 308328 | 5107685 | NEWTON CRES | 2 | Side Yard | S blue | 25-34 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 719 | 308389 | 5107714 | NEWTON CRES | 7 | Front Yard | M Norway | <10 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 720 | 308390 | 5107744 | NEWTON CRES | 8 | Front Yard | Crab/Prunus | 25-34 | Healthy | 0 | 0 | 0 | 0 | Present | None | 0 | None | None | Leave | |

| Tree ID | Easting | Northing | Street | Nearest Address | Site Location | Tree Species | DBH (cm) | Foliage Condition | Lean | Crown Balance | Rot | Cracks | Conks | Coppice Stems | V stems | Wire Conflict | Conflict road/swalk | Management Recommendation | Comment |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 721 | 308432 | 5107712 | NEWTON CRES | 8 | Front Yard | Crab/Prunus | <10 | Healthy | 0 | 0 | 0 | 1 | None | None | 0 | None | None | Leave | Black face scar |
| 722 | 308432 | 5107712 | NEWTON CRES | 8 | Front Yard | Crab/Prunus | <10 | Healthy | 3 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 723 | 308453 | 5107712 | NEWTON CRES | 10 | Front Yard | S blue | 25-34 | Declining | 0 | 0 | 0 | 0 | None | None | 0 | Present, conflict | None | Remove 2019-2023 | |
| 724 | 308474 | 5107680 | NEWTON CRES | 12 | Front Yard | Mugho Pine | 10-24 | Healthy | 0 | 0 | 0 | 0 | None | Present | 0 | Present, conflict | None | Leave | |
| 725 | 308451 | 5107650 | NEWTON CRES | 16 | Front Yard | Or | 25-34 | Healthy | 0 | 0 | 0 | 1 | None | None | 0 | Present, conflict | None | Leave | |
| 726 | 308473 | 5107649 | NEWTON CRES | 19 | Front Yard | Ash (all) | 10-24 | Healthy | 3 | 0 | 0 | 1 | None | None | 1 | None | None | Leave | |
| 727 | 308449 | 5107588 | NEWTON CRES | 23 | Front Yard | Pr | 35-48 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | Present, conflict | None | Remove 2019-2023 | |
| 728 | 308449 | 5107588 | NEWTON CRES | 23 | Front Yard | Pr | 35-48 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | Fence |
| 729 | 308449 | 5107588 | NEWTON CRES | 23 | Side Yard | Mr | 35-48 | Healthy | 0 | 0 | 0 | 1 | Present | Present | 1 | None | None | Leave | Black bark |
| 730 | 308449 | 5107588 | NEWTON CRES | 23 | Front Yard | Bd | 10-24 | Healthy | 0 | 0 | 0 | 0 | None | Present | 0 | None | None | Leave | |
| 731 | 308471 | 5107587 | NEWTON CRES | 23 | Front Yard | Pw | >48 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 732 | 308471 | 5107587 | NEWTON CRES | 23 | Front Yard | Pr | 25-34 | Healthy | 0 | 1 | 0 | 0 | None | None | 1 | Present, conflict | None | Leave | |
| 733 | 307996 | 5108220 | PARKDALE AVE | 10 | Front Yard | Crab/Prunus | <10 | Healthy | 0 | 0 | 0 | 1 | None | None | 1 | None | None | Leave | |
| 734 | 307996 | 5108220 | PARKDALE AVE | 12 | Front Yard | Crab/Prunus | 10-24 | Healthy | 1 | 0 | 0 | 1 | None | None | 2 | None | None | Leave | |
| 735 | 307996 | 5108220 | PARKDALE AVE | 16 | Front Yard | Mh | >48 | Healthy | 1 | 0 | 1 | 0 | Present | None | 0 | None | None | Remove 2019-2023 | black bark |
| 736 | 308081 | 5108139 | PARKDALE AVE | 21 | Side Yard | Pr | 35-48 | Declining | 1 | 2 | 0 | 0 | None | None | 0 | Present, conflict | None | Remove 2013-2018 | Lean towards house/future wire conflict |
| 737 | 308081 | 5108139 | PARKDALE AVE | 21 | Side Yard | Pr | 35-48 | Declining | 0 | 2 | 0 | 0 | None | None | 0 | Present, conflict | None | Leave | Lean towards house/future wire conflict |
| 738 | 308081 | 5108139 | PARKDALE AVE | 21 | Side Yard | Pr | 10-24 | Declining | 1 | 2 | 0 | 0 | None | None | 0 | Present, conflict | None | Remove 2013-2018 | Lean towards house/future wire conflict |
| 739 | 308081 | 5108139 | PARKDALE AVE | 21 | Side Yard | Pr | 10-24 | Declining | 1 | 2 | 0 | 0 | None | None | 0 | Present, conflict | None | Remove 2013-2018 | Lean towards house/future wire conflict |
| 740 | 308081 | 5108139 | PARKDALE AVE | 21 | Side Yard | Pr | 35-48 | Declining | 0 | 2 | 0 | 0 | None | None | 0 | Present, conflict | None | Leave | Lean towards house/future wire conflict |
| 741 | 308081 | 5108139 | PARKDALE AVE | 21 | Side Yard | Pr | 35-48 | Declining | 1 | 2 | 0 | 0 | None | None | 0 | Present, conflict | None | Leave | Lean towards house/future wire conflict |
| 742 | 308081 | 5108139 | PARKDALE AVE | 21 | Side Yard | Pr | 25-34 | Declining | 0 | 2 | 0 | 0 | None | None | 0 | Present, conflict | None | Remove 2013-2018 | Lean towards house/future wire conflict |
| 743 | 308079 | 5108137 | PARKDALE AVE | 21 | Side Yard | Pr | 35-48 | Declining | 0 | 2 | 0 | 0 | None | None | 0 | Present, conflict | None | Remove 2013-2018 | Lean towards house/future wire conflict |
| 744 | 308079 | 5108137 | PARKDALE AVE | 21 | Side Yard | Mr | 10-24 | Healthy | 0 | 0 | 2 | 0 | None | Present | 1 | None | None | Remove 2013-2018 | |
| 745 | 307996 | 5108220 | PARKDALE AVE | 22 | Front Yard | Bw | 35-48 | Healthy | 1 | 0 | 1 | 0 | None | None | 1 | None | None | Leave | |
| 746 | 308100 | 5108093 | PARKDALE AVE | 30 | Front Yard | M Norway | 25-34 | Healthy | 0 | 0 | 0 | 1 | None | None | 1 | None | None | Leave | |
| 747 | 308100 | 5108093 | PARKDALE AVE | 30 | Front Yard | M Norway | 10-24 | Healthy | 0 | 0 | 0 | 1 | None | None | 1 | None | None | Leave | |
| 748 | 308100 | 5108093 | PARKDALE AVE | 30 | Front Yard | Sw | 35-48 | Declining | 0 | 3 | 0 | 0 | None | None | 0 | None | None | Remove 2019-2023 | |
| 749 | 308100 | 5108093 | PARKDALE AVE | 32 | Front Yard | Or | 25-34 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 750 | 308158 | 5108042 | PARKDALE AVE | 32 | Front Yard | Or | 10-24 | Healthy | 0 | 0 | 0 | 0 | None | None | 1 | None | None | Leave | |
| 751 | 308158 | 5108042 | PARKDALE AVE | 32 | Front Yard | Or | 10-24 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 752 | 308158 | 5108042 | PARKDALE AVE | 32 | Front Yard | Or | 25-34 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 753 | 308158 | 5108042 | PARKDALE AVE | 32 | Front Yard | Bw | <10 | Healthy | 1 | 2 | 0 | 0 | None | None | 0 | None | None | Leave | |

| Tree ID | Easting | Northing | Street | Nearest Address | Site Location | Tree Species | DBH (cm) | Foliage Condition | Lean | Crown Balance | Rot | Cracks | Conks | Coppice Stems | V stems | Wire Conflict | Conflict road/swalk | Management Recommendation | Comment |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 754 | 308158 | 5108042 | PARKDALE AVE | 32 | Front Yard | Pw | <10 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 755 | 308158 | 5108042 | PARKDALE AVE | 32 | Front Yard | Or | 25-34 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 756 | 308146 | 5108021 | PARKDALE AVE | 35 | Front Yard | Sw | 35-48 | Dying | 0 | 3 | 0 | 0 | None | None | 0 | None | None | Remove ASAP | Dead - cut now |
| 757 | 308100 | 5108093 | PARKDALE AVE | 35 | Front Yard | Pr | >48 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Remove 2019-2023 | |
| 758 | 308181 | 5107936 | PARKDALE AVE | 38 | Front Yard | Mr | <10 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 759 | 308142 | 5107926 | PARKDALE AVE | 51 | Side Yard | Pw | >48 | Healthy | 1 | 2 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 760 | 308144 | 5107927 | PARKDALE AVE | 51 | Side Yard | Pw | 35-48 | Healthy | 0 | 2 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 761 | 308141 | 5107924 | PARKDALE AVE | 51 | Side Yard | Pw | >48 | Healthy | 0 | 2 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 762 | 308243 | 5107873 | PARKDALE AVE | 56 | Front Yard | Pr | >48 | Healthy | 0 | 2 | 0 | 0 | None | None | 1 | None | None | Remove 2019-2023 | |
| 763 | 308243 | 5107873 | PARKDALE AVE | 56 | Front Yard | Ce | 10-24 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 764 | 308243 | 5107873 | PARKDALE AVE | 56 | Front Yard | Pr | >48 | Declining | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Remove 2019-2023 | |
| 765 | 308243 | 5107873 | PARKDALE AVE | 56 | Front Yard | Crab/Prunus | 10-24 | Healthy | 0 | 0 | 0 | 0 | None | None | 3 | None | None | Leave | |
| 766 | 308243 | 5107873 | PARKDALE AVE | 58 | Front Yard | Or | 10-24 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 767 | 308265 | 5107872 | PARKDALE AVE | 58 | Front Yard | Pr | >48 | Declining | 1 | 2 | 0 | 0 | None | None | 0 | None | None | Remove 2013-2018 | |
| 768 | 308285 | 5107840 | PARKDALE AVE | 60 | Front Yard | Mr | 10-24 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 769 | 308285 | 5107840 | PARKDALE AVE | 60 | Front Yard | Mr | 10-24 | Healthy | 0 | 0 | 0 | 1 | Present | None | 0 | None | None | Leave | Black bark |
| 770 | 308285 | 5107840 | PARKDALE AVE | 60 | Front Yard | Pr | >48 | Healthy | 0 | 2 | 0 | 0 | None | None | 0 | None | Medium | Remove 2019-2023 | Lean to house |
| 771 | 308285 | 5107840 | PARKDALE AVE | 60 | Front Yard | Pr | >48 | Healthy | 1 | 2 | 0 | 0 | None | None | 0 | None | Medium | Leave | |
| 772 | 308370 | 5107807 | PARKDALE AVE | 62 | Front Yard | Mr | >48 | Healthy | 1 | 0 | 0 | 2 | Present | None | 2 | None | Medium | Remove 2013-2018 | Black bark/lean to house |
| 773 | 308298 | 5107821 | PARKDALE AVE | 62 | Front Yard | Mr | 25-34 | Declining | 1 | 0 | 1 | 1 | Present | Present | 2 | None | None | Remove 2019-2023 | Black bark |
| 774 | 308303 | 5107815 | PARKDALE AVE | 62 | Front Yard | Mr | <10 | Healthy | 1 | 0 | 0 | 0 | None | Present | 1 | None | None | Leave | |
| 775 | 308302 | 5107799 | PARKDALE AVE | 62 | Front Yard | Mr | 35-48 | Healthy | 1 | 1 | 1 | 1 | Present | None | 0 | None | None | Remove 2013-2018 | Black bark |
| 776 | 307407 | 5108260 | POPLAR ST | 31 | Side Yard | Crab/Prunus | <10 | Healthy | 0 | 0 | 0 | 0 | None | None | 1 | Present, no conflict | None | Leave | 31 Montcalm |
| 777 | 307384 | 5108263 | POPLAR ST | 31 | Side Yard | Pw | >48 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | Present, no conflict | None | Remove 2019-2023 | 31 Montcalm |
| 778 | 307292 | 5108265 | POPLAR ST | 31 | Side Yard | Pw | >48 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | 31 Huron |
| 779 | 307280 | 5108248 | POPLAR ST | 33 | Side Yard | Pb | <10 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | 33 Huron |
| 780 | 307279 | 5108249 | POPLAR ST | 33 | Side Yard | Pr | <10 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | 33 Huron |
| 781 | 307292 | 5108265 | POPLAR ST | 33 | Side Yard | Pw | >48 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 782 | 307238 | 5108270 | POPLAR ST | 34 | Side Yard | Mr | 10-24 | Healthy | 0 | 0 | 0 | 0 | None | Present | 1 | None | None | Leave | 34 Huron |
| 783 | 307230 | 5108268 | POPLAR ST | 34 | Side Yard | Mr | 10-24 | Healthy | 0 | 0 | 0 | 0 | None | Present | 1 | None | None | Leave | 34 wolfe |
| 784 | 307411 | 5108244 | POPLAR ST | 55 | Front Yard | Sw | 10-24 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 785 | 307387 | 5108244 | POPLAR ST | 55 | Front Yard | Pw | 10-24 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 786 | 307381 | 5108247 | POPLAR ST | 55 | Front Yard | Bf | <10 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 787 | 307573 | 5108398 | RIDGE | 54 | Backyard | Pj | 35-48 | Declining | 1 | 1 | 1 | 0 | None | None | 0 | None | None | Remove ASAP | Back road (on Forest) |
| 788 | 307635 | 5108478 | RIDGE RD | 0 | Front Yard | Crab/Prunus | 35-48 | Healthy | 0 | 0 | 1 | 0 | None | None | 1 | None | None | Leave | |
| 789 | 306790 | 5108678 | RIDGE RD | 1 | Side Yard | Mr | 10-24 | Healthy | 0 | 0 | 0 | 0 | None | Present | 0 | Present, conflict | None | Remove 2013-2018 | 1 Frontenac |

| Tree ID | Easting | Northing | Street | Nearest Address | Site Location | Tree Species | DBH (cm) | Foliage Condition | Lean | Crown Balance | Rot | Cracks | Conks | Coppice Stems | V stems | Wire Conflict | Conflict road/swalk | Management Recommendation | Comment |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 790 | 306790 | 5108677 | RIDGE RD | 1 | Side Yard | Pw | <10 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | Present, no conflict | None | Leave | |
| 791 | 306790 | 5108677 | RIDGE RD | 1 | Side Yard | Sw | <10 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | Present, no conflict | None | Leave | |
| 792 | 307506 | 5108397 | RIDGE RD | 56 | Backyard | Pr | >48 | Declining | 0 | 0 | 1 | 0 | None | None | 0 | None | None | Remove 2013-2018 | on back road (FOREST) |
| 793 | 307183 | 5108127 | RUTHERFORD AVE | 5 | Front Yard | Ce | <10 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | 49 Wolfe |
| 794 | 307206 | 5108105 | RUTHERFORD AVE | 5 | Side Yard | By | 35-48 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 795 | 307227 | 5108125 | RUTHERFORD AVE | 5 | Side Yard | Mh | >48 | Healthy | 0 | 0 | 1 | 1 | None | None | 3 | None | None | Remove 2013-2018 | 50 Wolfe |
| 796 | 307245 | 5108119 | RUTHERFORD AVE | 5 | Side Yard | Mr | 35-48 | Healthy | 1 | 0 | 1 | 1 | None | Present | 2 | None | None | Remove 2013-2018 | 50 Wolfe |
| 797 | 307260 | 5108117 | RUTHERFORD AVE | 5 | Side Yard | Other | 35-48 | Healthy | 0 | 0 | 0 | 1 | None | None | 2 | None | None | Leave | Willow |
| 798 | 307268 | 5108119 | RUTHERFORD AVE | 5 | Side Yard | Other | 25-34 | Healthy | 0 | 0 | 0 | 0 | None | None | 1 | None | None | Leave | Willow |
| 799 | 307283 | 5108119 | RUTHERFORD AVE | 5 | Side Yard | Crab/Prunus | <10 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | 45 Huron |
| 800 | 307068 | 5108116 | RUTHERFORD AVE | 19 | Side Yard | Ce | 10-24 | Healthy | 0 | 0 | 0 | 0 | None | None | 1 | None | None | Leave | Beside light post |
| 801 | 307148 | 5108123 | RUTHERFORD AVE | 19 | Side Yard | Pw | >48 | Healthy | 1 | 1 | 0 | 0 | None | None | 0 | None | None | Remove 2013-2018 | Clump of 5, 2 Thomson |
| 802 | 307158 | 5108125 | RUTHERFORD AVE | 19 | Side Yard | Pw | >48 | Dying | 0 | 3 | 0 | 0 | None | Present | 0 | None | None | Remove ASAP | 2 Thomson |
| 803 | 307181 | 5108122 | RUTHERFORD AVE | 19 | Side Yard | Mr | 10-24 | Healthy | 1 | 0 | 1 | 0 | None | None | 2 | None | None | Leave | 49 Wolfe |
| 804 | 307047 | 5108146 | RUTHERFORD AVE | 26 | Front Yard | Pr | >48 | Declining | 1 | 1 | 1 | 0 | None | None | 0 | None | None | Remove 2013-2018 | |
| 805 | 307003 | 5108165 | RUTHERFORD AVE | 27 | Front Yard | Mr | 10-24 | Healthy | 0 | 1 | 2 | 1 | None | Present | 3 | None | None | Remove 2013-2018 | |
| 806 | 307011 | 5108190 | RUTHERFORD AVE | 32 | Front Yard | Pw | >48 | Dying | 1 | 3 | 0 | 0 | None | None | 2 | None | None | Remove ASAP | |
| 807 | 307007 | 5108184 | RUTHERFORD AVE | 32 | Front Yard | Pw | >48 | Healthy | 1 | 2 | 1 | 0 | None | None | 2 | None | None | Remove ASAP | |
| 808 | 306963 | 5108303 | RUTHERFORD AVE | 36 | Front Yard | Mr | 25-34 | Healthy | 0 | 1 | 3 | 0 | None | None | 1 | None | None | Remove 2013-2018 | |
| 809 | 307007 | 5108192 | RUTHERFORD AVE | 36 | Front Yard | Pw | >48 | Healthy | 0 | 2 | 0 | 0 | None | None | 2 | None | None | Remove 2013-2018 | |
| 810 | 306939 | 5108310 | RUTHERFORD AVE | 51 | Front Yard | Bw | 10-24 | Healthy | 1 | 0 | 0 | 0 | None | Present | 1 | None | None | Leave | |
| 811 | 306944 | 5108305 | RUTHERFORD AVE | 52 | Front Yard | Pw | >48 | Healthy | 0 | 1 | 0 | 0 | None | None | 1 | None | None | Leave | |
| 812 | 306966 | 5108302 | RUTHERFORD AVE | 52 | Front Yard | Mr | 35-48 | Healthy | 1 | 2 | 3 | 1 | None | None | 1 | None | None | Remove ASAP | |
| 813 | 306937 | 5108337 | RUTHERFORD AVE | 53 | Front Yard | S blue | <10 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 814 | 306940 | 5108326 | RUTHERFORD AVE | 53 | Front Yard | S blue | <10 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |

| Tree ID | Easting | Northing | Street | Nearest Address | Site Location | Tree Species | DBH (cm) | Foliage Condition | Lean | Crown Balance | Rot | Cracks | Conks | Coppice Stems | V stems | Wire Conflict | Conflict road/swalk | Management Recommendation | Comment |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 815 | 306925 | 5108420 | RUTHERFORD AVE | 65 | Front Yard | Crab/Prunus | <10 | Healthy | 0 | 0 | 0 | 0 | None | Present | 0 | None | None | Leave | |
| 816 | 306924 | 5108442 | RUTHERFORD AVE | 67 | Front Yard | Crab/Prunus | <10 | Healthy | 0 | 0 | 0 | 0 | None | None | 1 | None | None | Leave | |
| 817 | 306922 | 5108440 | RUTHERFORD AVE | 67 | Front Yard | Crab/Prunus | <10 | Healthy | 0 | 0 | 0 | 0 | None | None | 1 | None | None | Leave | |
| 818 | 306921 | 5108489 | RUTHERFORD AVE | 70 | Front Yard | Mr | >48 | Healthy | 0 | 0 | 0 | 2 | None | None | 3 | None | None | Remove ASAP | Tree has been chained |
| 819 | 306903 | 5108490 | RUTHERFORD AVE | 73 | Front Yard | Mr | 35-48 | Healthy | 1 | 0 | 1 | 1 | None | None | 2 | None | None | Leave | |
| 820 | 306885 | 5108552 | RUTHERFORD AVE | 78 | Front Yard | Pw | <10 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 821 | 306885 | 5108551 | RUTHERFORD AVE | 78 | Front Yard | Crab/Prunus | <10 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 822 | 306889 | 5108542 | RUTHERFORD AVE | 78 | Front Yard | Pw | <10 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 823 | 306866 | 5108592 | RUTHERFORD AVE | 82 | Front Yard | Mr | >48 | Healthy | 1 | 1 | 1 | 1 | None | None | 1 | None | None | Remove 2019-2023 | |
| 824 | 306864 | 5108585 | RUTHERFORD AVE | 82 | Front Yard | S blue | 35-48 | Healthy | 1 | 2 | 0 | 0 | None | None | 1 | None | None | Leave | |
| 825 | 306874 | 5108646 | RUTHERFORD AVE | 88 | Front Yard | Crab/Prunus | <10 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 826 | 306416 | 5108779 | Sheridan CRT | 1 | Front Yard | Mh | >48 | Healthy | 0 | 1 | 0 | 0 | None | Present | 0 | None | None | Leave | |
| 827 | 306372 | 5108775 | SHERIDAN CRT | 2 | Front Yard | Pr | 35-48 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 828 | 306372 | 5108769 | SHERIDAN CRT | 3 | Front Yard | Mr | 10-24 | Healthy | 0 | 1 | 0 | 1 | None | Present | 0 | None | None | Leave | |
| 829 | 306371 | 5108775 | SHERIDAN CRT | 3 | Front Yard | Mr | 10-24 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 830 | 306373 | 5108766 | SHERIDAN CRT | 4 | Front Yard | Sw | 35-48 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 831 | 306389 | 5108780 | SHERIDAN CRT | 4 | Front Yard | Mh | 35-48 | Healthy | 0 | 1 | 0 | 1 | None | None | 0 | None | None | Leave | |
| 832 | 306373 | 5108766 | SHERIDAN CRT | 4 | Front Yard | Sw | 35-48 | Unhealthy | 1 | 1 | 0 | 0 | None | None | 0 | None | None | Remove 2013-2018 | |
| 833 | 306372 | 5108789 | SHERIDAN CRT | 5 | Front Yard | La | <10 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 834 | 306412 | 5108798 | SHERIDAN CRT | 6 | Front Yard | Crab/Prunus | 10-24 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 835 | 306392 | 5108780 | SHERIDAN CRT | 6 | Front Yard | Mr | 10-24 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | Fused stems |
| 836 | 306412 | 5108790 | SHERIDAN CRT | 7 | Front Yard | Mh | >48 | Healthy | 0 | 1 | 0 | 1 | None | None | 0 | None | None | Leave | |
| 837 | 306416 | 5108755 | SHERIDAN CRT | 7 | Front Yard | Sw | 25-34 | Healthy | 0 | 2 | 0 | 1 | None | None | 0 | None | None | Leave | Crack at base, exposed wood |
| 838 | 308129 | 5107791 | SILVIE ST | 6 | Front Yard | Mr | 35-48 | Healthy | 1 | 0 | 0 | 2 | None | None | 2 | None | None | Leave | |
| 839 | 308131 | 5107777 | SILVIE ST | 7 | Front Yard | Mr | >48 | Healthy | 2 | 0 | 1 | 2 | None | None | 2 | None | None | Remove 2013-2018 | |
| 840 | 308100 | 5107776 | SILVIE ST | 10 | Front Yard | Bf | 10-24 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 841 | 308118 | 5107782 | SILVIE ST | 10 | Front Yard | Bf | 10-24 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 842 | 308106 | 5107750 | SILVIE ST | 11 | Front Yard | Mr | >48 | Healthy | 0 | 1 | 0 | 1 | Present | Present | 2 | None | None | Remove 2013-2018 | |
| 843 | 308108 | 5107750 | SILVIE ST | 13 | Front Yard | Crab/Prunus | 25-34 | Healthy | 2 | 1 | 1 | 0 | Present | Present | 0 | None | None | Leave | |
| 844 | 308059 | 5107721 | SILVIE ST | 19 | Front Yard | S blue | 10-24 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 845 | 308061 | 5107733 | SILVIE ST | 19 | Front Yard | Mr | <10 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | Present, no conflict | None | Leave | |
| 846 | 308063 | 5107733 | SILVIE ST | 19 | Front Yard | S blue | <10 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |

| Tree ID | Easting | Northing | Street | Nearest Address | Site Location | Tree Species | DBH (cm) | Foliage Condition | Lean | Crown Balance | Rot | Cracks | Conks | Coppice Stems | V stems | Wire Conflict | Conflict road/swalk | Management Recommendation | Comment |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 847 | 308057 | 5107739 | SILVIE ST | 20 | Front Yard | Mr | 25-34 | Healthy | 0 | 1 | 1 | 0 | None | Present | 2 | None | None | Leave | |
| 848 | 308029 | 5107723 | SILVIE ST | 26 | Front Yard | Mr | >48 | Healthy | 0 | 1 | 0 | 2 | None | Present | 2 | None | None | Leave | |
| 849 | 308062 | 5108249 | SPRING AVE | 14 | Front Yard | Crab/Prunus | 25-34 | Healthy | 1 | 0 | 0 | 0 | None | None | 2 | None | None | Leave | |
| 850 | 308062 | 5108249 | SPRING AVE | 14 | Front Yard | Sw | 35-48 | Healthy | 0 | 0 | 2 | 0 | None | None | 0 | None | None | Remove 2013-2018 | |
| 851 | 308062 | 5108249 | SPRING AVE | 14 | Front Yard | Sw | 25-34 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | Unsure of ownership |
| 852 | 307955 | 5108283 | SPRING AVE | 17 | Front Yard | M Norway | <10 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | Present, no conflict | None | Leave | Future conflict, multiple saplings |
| 853 | 308104 | 5108217 | SPRING AVE | 18 | Front Yard | Crab/Prunus | 10-24 | Healthy | 1 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 854 | 307399 | 5108529 | SPRUCE CRES | 9 | Front Yard | Ms (silver) | >48 | Healthy | 2 | 1 | 0 | 1 | None | Present | 3 | None | None | Remove 2013-2018 | Lean to house |
| 855 | 307364 | 5108556 | SPRUCE CRES | 13 | Front Yard | Crab/Prunus | 10-24 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 856 | 307373 | 5108553 | SPRUCE CRES | 13 | Front Yard | S blue | 25-34 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 857 | 307348 | 5108569 | SPRUCE CRES | 17 | Front Yard | M Norway | 35-48 | Healthy | 0 | 1 | 3 | 1 | Present | None | 3 | None | None | Remove 2013-2018 | |
| 858 | 307318 | 5108556 | SPRUCE CRES | 21 | Front Yard | Or | 10-24 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 859 | 307320 | 5108559 | SPRUCE CRES | 21 | Front Yard | Crab/Prunus | 25-34 | Healthy | 0 | 0 | 1 | 1 | None | None | 2 | None | None | Leave | |
| 860 | 308378 | 5107379 | SUMAC CRT | 6 | Front Yard | S blue | 10-24 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 861 | 308367 | 5107376 | SUMAC CRT | 6 | Front Yard | Crab/Prunus | 25-34 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 862 | 308379 | 5107375 | SUMAC CRT | 7 | Front Yard | Sw | 35-48 | Declining | 0 | 0 | 0 | 0 | None | None | 0 | Present, no conflict | None | Leave | |
| 863 | 308423 | 5107347 | SUMAC CRT | 8 | Front Yard | Crab/Prunus | 35-48 | Healthy | 0 | 0 | 2 | 0 | None | None | 2 | None | None | Leave | |
| 864 | 308421 | 5107330 | SUMAC CRT | 13 | Front Yard | Pr | 35-48 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 865 | 308414 | 5107335 | SUMAC CRT | 14 | Front Yard | Or | >48 | Healthy | 0 | 0 | 0 | 1 | None | None | 2 | None | None | Leave | |
| 866 | 308412 | 5107359 | SUMAC CRT | 16 | Front Yard | Mr | 10-24 | Declining | 0 | 0 | 0 | 1 | Present | Present | 3 | None | None | Leave | Target canker/pruning |
| 867 | 308390 | 5107371 | SUMAC CRT | 16 | Front Yard | Bf | >48 | Declining | 1 | 3 | 0 | 0 | None | None | 2 | None | None | Remove ASAP | |
| 868 | 308414 | 5107380 | SUMAC CRT | 17 | Side Yard | Pw | >48 | Healthy | 0 | 0 | 0 | 0 | None | None | 1 | Present, no conflict | None | Leave | Could trim |
| 869 | 308414 | 5107407 | SUMAC CRT | 17 | Side Yard | Sw | 25-34 | Declining | 0 | 3 | 0 | 0 | None | None | 0 | Present, no conflict | None | Leave | |
| 870 | 308414 | 5107407 | SUMAC CRT | 17 | Side Yard | Bf | 25-34 | Dying | 0 | 0 | 0 | 0 | None | None | 3 | Present, no conflict | None | Remove ASAP | |
| 871 | 308335 | 5107407 | SUMAC CRT | 17 | Side Yard | Sw | 35-48 | Declining | 0 | 3 | 0 | 1 | None | None | 0 | Present, no conflict | None | Leave | Lean to house |
| 872 | 308133 | 5108267 | SUMMER ST | 3 | Front Yard | Ash (all) | 25-34 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 873 | 308093 | 5108202 | SUMMER ST | 13 | Front Yard | S blue | <10 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 874 | 308076 | 5108173 | SUMMER ST | 19 | Front Yard | Crab/Prunus | 10-24 | Healthy | 0 | 0 | 0 | 0 | None | None | 2 | None | None | Leave | |
| 875 | 307590 | 5108143 | SUMMIT ST | 1 | Front Yard | Pm | <10 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 876 | 307591 | 5108140 | SUMMIT ST | 1 | Front Yard | Pm | <10 | Healthy | 0 | 0 | 0 | 1 | None | None | 1 | None | None | Leave | |
| 877 | 307600 | 5108127 | SUMMIT ST | 3 | Front Yard | Locust | <10 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 878 | 307605 | 5108123 | SUMMIT ST | 3 | Front Yard | Crab/Prunus | <10 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 879 | 307613 | 5108112 | SUMMIT ST | 5 | Front Yard | M Norway | <10 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 880 | 307643 | 5108062 | SUMMIT ST | 13 | Front Yard | Sw | 35-48 | Declining | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Remove 2013-2018 | Root rot, barreling |
| 881 | 307645 | 5108055 | SUMMIT ST | 13 | Front Yard | Mr | 25-34 | Healthy | 0 | 0 | 0 | 0 | None | None | 1 | None | None | Leave | |
| 882 | 307635 | 5108028 | SUMMIT ST | 14 | Front Yard | M Norway | <10 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 883 | 307650 | 5108008 | SUMMIT ST | 19 | Front Yard | Sw | 25-34 | Healthy | 0 | 0 | 1 | 0 | None | None | 1 | None | None | Leave | |

| Tree ID | Easting | Northing | Street | Nearest Address | Site Location | Tree Species | DBH (cm) | Foliage Condition | Lean | Crown Balance | Rot | Cracks | Conks | Coppice Stems | V stems | Wire Conflict | Conflict road/swalk | Management Recommendation | Comment |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 884 | 307644 | 5107989 | SUMMIT ST | 20 | Front Yard | M Norway | 25-34 | Healthy | 0 | 0 | 0 | 2 | None | Present | 3 | None | None | Leave | 1 part leans to house |
| 885 | 307688 | 5107940 | SUMMIT ST | 27 | Side Yard | Ce | <10 | Stressed | 0 | 0 | 0 | 1 | None | None | 0 | None | None | Leave | |
| 886 | 307685 | 5107940 | SUMMIT ST | 27 | Side Yard | Ce | <10 | Stressed | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 887 | 306355 | 5109101 | TAMARACK ST | 1 | Front Yard | Sw | 25-34 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 888 | 306353 | 5109108 | TAMARACK ST | 1 | Backyard | Sw | 10-24 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 889 | 306353 | 5109108 | TAMARACK ST | 1 | Backyard | Sw | 10-24 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | Small hole, very deep into stem |
| 890 | 306353 | 5109108 | TAMARACK ST | 1 | Backyard | Sw | 10-24 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 891 | 306353 | 5109108 | TAMARACK ST | 1 | Backyard | Pj | 35-48 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 892 | 306345 | 5109114 | TAMARACK ST | 1 | Other unmaintained | Sw | 10-24 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 893 | 306345 | 5109114 | TAMARACK ST | 1 | Other unmaintained | Sw | <10 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 894 | 306257 | 5109057 | TAMARACK ST | 10 | Other unmaintained | Sw | 35-48 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 895 | 306258 | 5109053 | TAMARACK ST | 10 | Other unmaintained | Pr | >48 | Healthy | 0 | 1 | 0 | 0 | None | None | 2 | None | None | Leave | |
| 896 | 306255 | 5109045 | TAMARACK ST | 10 | Other unmaintained | Bf | 25-34 | Healthy | 0 | 1 | 0 | 1 | None | None | 0 | None | None | Leave | Slight damage |
| 897 | 306246 | 5109042 | TAMARACK ST | 10 | Other unmaintained | La | 10-24 | Healthy | 0 | 1 | 0 | 0 | None | Present | 0 | None | None | Leave | Fused at ground, 2 coppice stems |
| 898 | 306197 | 5109132 | THOMAS ST | 42 | Front Yard | Mr | >48 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | Present, conflict | None | Remove 2019-2023 | Black bark |
| 899 | 306211 | 5109161 | THOMAS ST | 44 | Front Yard | Po | 10-24 | Healthy | 0 | 2 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 900 | 306216 | 5109171 | THOMAS ST | 44 | Front Yard | Mr | <10 | Healthy | 0 | 1 | 0 | 0 | None | 4 | 0 | None | None | Leave | |
| 901 | 306216 | 5109171 | THOMAS ST | 44 | Front Yard | Mr | <10 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 902 | 306216 | 5109171 | THOMAS ST | 44 | Front Yard | Mr | <10 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 903 | 306216 | 5109171 | THOMAS ST | 44 | Front Yard | Mr | <10 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 904 | 306055 | 5108943 | THOMAS ST | 45 | Front Yard | Ms (silver) | 10-24 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 905 | 306218 | 5109170 | THOMAS ST | 46 | Front Yard | Pj | 10-24 | Dying | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Remove 2013-2018 | |
| 906 | 306217 | 5109174 | THOMAS ST | 46 | Front Yard | Pj | 10-24 | Healthy | 0 | 2 | 0 | 0 | None | None | 0 | None | None | Remove 2013-2018 | |
| 907 | 306221 | 5109179 | THOMAS ST | 48 | Front Yard | Pj | <10 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 908 | 306227 | 5109181 | THOMAS ST | 48 | Front Yard | Or | <10 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 909 | 306224 | 5109182 | THOMAS ST | 48 | Front Yard | Or | <10 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 910 | 306234 | 5109169 | THOMAS ST | 48 | Front Yard | Mr | 25-34 | Healthy | 0 | 1 | 1 | 0 | None | Present | 0 | None | None | Leave | Fusing stems, 5 coppice stems |
| 911 | 306312 | 5109308 | THOMAS ST | 112 | Front Yard | Or | 35-48 | Healthy | 0 | 1 | 0 | 0 | None | None | 2 | None | None | Leave | |
| 912 | 306275 | 5109384 | THOMAS ST | 115 | Front Yard | Bd | 25-34 | Healthy | 0 | 1 | 3 | 2 | None | None | 0 | None | None | Remove 2013-2018 | Hollow hole, cyprinid/Thomas |
| 913 | 306371 | 5109610 | THOMAS ST | 201 | Front Yard | Bd | 10-24 | Healthy | 0 | 1 | 0 | 0 | None | Present | 1 | None | None | Leave | |
| 914 | 306384 | 5109610 | THOMAS ST | 201 | Front Yard | Bd | 10-24 | Healthy | 0 | 1 | 0 | 0 | None | None | 1 | None | None | Leave | |
| 915 | 306449 | 5109555 | THOMAS ST | 209 | Front Yard | Mr | 25-34 | Healthy | 0 | 1 | 0 | 1 | None | None | 0 | None | None | Leave | |
| 916 | 306449 | 5109555 | THOMAS ST | 209 | Front Yard | Mr | 10-24 | Healthy | 0 | 1 | 0 | 0 | None | Present | 1 | None | None | Leave | |
| 917 | 306461 | 5109581 | THOMAS ST | 211 | Front Yard | Crab/Prunus | <10 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 918 | 306477 | 5109519 | THOMAS ST | 212 | Front Yard | Ce | 10-24 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 919 | 306481 | 5109541 | THOMAS ST | 213 | Front Yard | S blue | 10-24 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |

| Tree ID | Easting | Northing | Street | Nearest Address | Site Location | Tree Species | DBH (cm) | Foliage Condition | Lean | Crown Balance | Rot | Cracks | Conks | Coppice Stems | V stems | Wire Conflict | Conflict road/swalk | Management Recommendation | Comment |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 920 | 306486 | 5109519 | THOMAS ST | 214 | Front Yard | M Norway | 35-48 | Healthy | 0 | 1 | 0 | 0 | None | None | 2 | None | None | Leave | |
| 921 | 306506 | 5109513 | THOMAS ST | 215 | Front Yard | Mr | 10-24 | Healthy | 0 | 1 | 0 | 0 | None | Present | 0 | None | None | Leave | |
| 922 | 306518 | 5109489 | THOMAS ST | 217 | Front Yard | Sw | 10-24 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 923 | 306520 | 5109490 | THOMAS ST | 219 | Front Yard | Crab/Prunus | 10-24 | Healthy | 0 | 1 | 0 | 0 | None | None | 1 | None | None | Leave | |
| 924 | 306527 | 5109482 | THOMAS ST | 219 | Front Yard | Mh | <10 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | New tree |
| 925 | 306572 | 5109429 | THOMAS ST | 225 | Front Yard | Ce | 10-24 | Healthy | 0 | 1 | 0 | 0 | None | Present | 0 | None | None | Leave | |
| 926 | 306612 | 5109347 | THOMAS ST | 232 | Front Yard | Bf | 35-48 | Healthy | 0 | 2 | 0 | 0 | None | None | 3 | None | None | Remove 2013-2018 | |
| 927 | 306627 | 5109357 | THOMAS ST | 233 | Front Yard | Mr | >48 | Healthy | 0 | 2 | 0 | 1 | Present | None | 1 | None | None | Leave | |
| 928 | 306623 | 5109333 | THOMAS ST | 234 | Front Yard | Mr | 25-34 | Healthy | 0 | 1 | 0 | 0 | None | None | 1 | None | None | Leave | |
| 929 | 306638 | 5109360 | THOMAS ST | 235 | Front Yard | S blue | 35-48 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 930 | 306658 | 5109314 | THOMAS ST | 237 | Front Yard | Crab/Prunus | 35-48 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | Malus species |
| 931 | 306688 | 5109279 | THOMAS ST | 241 | Front Yard | Mr | 35-48 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 932 | 306691 | 5109238 | THOMAS ST | 242 | Front Yard | Bd | >48 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 933 | 306699 | 5109272 | THOMAS ST | 243 | Front Yard | Crab/Prunus | <10 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | Malus species |
| 934 | 306712 | 5109227 | THOMAS ST | 244 | Front Yard | S blue | 35-48 | Healthy | 0 | 1 | 0 | 0 | None | None | 2 | None | None | Leave | |
| 935 | 306759 | 5109199 | THOMAS ST | 251 | Front Yard | S blue | 25-34 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 936 | 306830 | 5109197 | THOMAS ST | 255 | Front Yard | Mr | 35-48 | Healthy | 0 | 2 | 1 | 0 | None | None | 0 | None | None | Leave | |
| 937 | 306828 | 5109196 | THOMAS ST | 255 | Front Yard | Crab/Prunus | <10 | Healthy | 0 | 1 | 0 | 0 | None | Present | 0 | None | None | Leave | 5 coppice stems |
| 938 | 306818 | 5109191 | THOMAS ST | 255 | Front Yard | Sw | >48 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | Street light | None | Leave | |
| 939 | 306822 | 5109191 | THOMAS ST | 255 | Front Yard | Bf | 25-34 | Healthy | 0 | 2 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 940 | 306802 | 5109181 | THOMAS ST | 256 | Front Yard | Sw | 35-48 | Healthy | 0 | 1 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 941 | 306852 | 5109203 | THOMAS ST | 257 | Front Yard | Pw | >48 | Healthy | 0 | 1 | 0 | 0 | None | None | 4 | None | None | Leave | |
| 942 | 0 | 0 | THOMAS ST | 258 | Front Yard | Pr | >48 | Declining | 1 | 0 | 0 | 1 | None | None | 0 | None | None | Remove 2013-2018 | |
| 943 | 0 | 0 | THOMAS ST | 260 | Front Yard | Pr | >48 | Declining | 1 | 0 | 0 | 0 | None | None | 0 | None | None | Remove 2013-2018 | |
| 944 | 307126 | 5108277 | THOMSON CRES | 22 | Front Yard | Pr | >48 | Declining | 1 | 0 | 0 | 1 | None | None | 0 | None | None | Remove 2019-2023 | |
| 945 | 307104 | 5108140 | THOMSON CRES | 22 | Side Yard | Mr | 25-34 | Healthy | 1 | 0 | 2 | 0 | None | Present | 1 | None | None | Leave | Lean to house |
| 946 | 307056 | 5108357 | THOMSON CRES | 38 | Front Yard | Pr | <10 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | Present, no conflict | None | Leave | |
| 947 | 307056 | 5108358 | THOMSON CRES | 38 | Front Yard | Pw | <10 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | Present, no conflict | None | Leave | |
| 948 | 307027 | 5108362 | THOMSON CRES | 42 | Front Yard | La | >48 | Healthy | 1 | 1 | 0 | 0 | None | None | 0 | Present, no conflict | Medium | Remove 2019-2023 | |
| 949 | 307014 | 5108357 | THOMSON CRES | 44 | Front Yard | S blue | <10 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 950 | 307806 | 5108111 | TROYES ST | 4 | Front Yard | Or | >48 | Healthy | 0 | 1 | 0 | 1 | None | None | 0 | None | None | Leave | |
| 951 | 307819 | 5108102 | TROYES ST | 4 | Front Yard | Crab/Prunus | 10-24 | Healthy | 0 | 1 | 0 | 1 | None | None | 1 | None | None | Leave | Russian olive tree |
| 952 | 307061 | 5108923 | TWEEDSMUIR PL | 1 | Front Yard | Bd | 10-24 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 953 | 307045 | 5108904 | TWEEDSMUIR PL | 1 | Front Yard | Pr | 35-48 | Healthy | 1 | 2 | 0 | 0 | None | None | 1 | None | None | Leave | |
| 954 | 307043 | 5108908 | TWEEDSMUIR PL | 1 | Front Yard | Pr | >48 | Healthy | 1 | 2 | 0 | 0 | None | None | 0 | None | None | Remove 2013-2018 | Lean to house |

| Tree ID | Easting | Northing | Street | Nearest Address | Site Location | Tree Species | DBH (cm) | Foliage Condition | Lean | Crown Balance | Rot | Cracks | Conks | Coppice Stems | V stems | Wire Conflict | Conflict road/swalk | Management Recommendation | Comment |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 955 | 307043 | 5108909 | TWEEDSMUIR PL | 1 | Front Yard | Pr | 35-48 | Healthy | 1 | 2 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 956 | 307036 | 5108898 | TWEEDSMUIR PL | 2 | Front Yard | Mr | 35-48 | Healthy | 1 | 2 | 0 | 2 | None | None | 0 | None | None | Leave | |
| 957 | 307032 | 5108891 | TWEEDSMUIR PL | 2 | Front Yard | Pr | >48 | Healthy | 1 | 2 | 0 | 0 | None | None | 3 | None | None | Leave | |
| 958 | 307026 | 5108894 | TWEEDSMUIR PL | 2 | Front Yard | Sw | 35-48 | Healthy | 0 | 2 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 959 | 307024 | 5108890 | TWEEDSMUIR PL | 2 | Front Yard | Mr | <10 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 960 | 307024 | 5108884 | TWEEDSMUIR PL | 2 | Front Yard | Crab/Prunus | <10 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 961 | 307024 | 5108881 | TWEEDSMUIR PL | 2 | Front Yard | Crab/Prunus | <10 | Healthy | 0 | 0 | 0 | 0 | None | Present | 0 | None | None | Leave | |
| 962 | 307073 | 5108465 | WOLFE AVE | 3 | Front Yard | Pj | 10-24 | Healthy | 1 | 3 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 963 | 307072 | 5108467 | WOLFE AVE | 3 | Front Yard | Pr | 10-24 | Healthy | 1 | 2 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 964 | 307071 | 5108469 | WOLFE AVE | 3 | Front Yard | Pw | <10 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 965 | 307071 | 5108469 | WOLFE AVE | 3 | Front Yard | Pr | <10 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 966 | 307067 | 5108465 | WOLFE AVE | 3 | Front Yard | M Norway | 10-24 | Healthy | 1 | 0 | 1 | 0 | None | Present | 1 | None | None | Leave | Three trees |
| 967 | 307114 | 5108460 | WOLFE AVE | 8 | Front Yard | Or | >48 | Healthy | 1 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | Could trim |
| 968 | 307174 | 5108402 | WOLFE AVE | 18 | Front Yard | Sw | >48 | Healthy | 1 | 1 | 0 | 0 | None | None | 1 | None | None | Remove 2019-2023 | |
| 969 | 307192 | 5108317 | WOLFE AVE | 27 | Front Yard | Or | 25-34 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 970 | 307202 | 5108269 | WOLFE AVE | 31 | Front Yard | Mr | >48 | Healthy | 1 | 0 | 2 | 1 | None | None | 3 | None | None | Remove 2013-2018 | |
| 971 | 307218 | 5108275 | WOLFE AVE | 34 | Front Yard | Bw | 25-34 | Healthy | 1 | 0 | 0 | 0 | None | None | 1 | None | None | Leave | |
| 972 | 307219 | 5108283 | WOLFE AVE | 34 | Front Yard | Mh | 25-34 | Healthy | 0 | 0 | 0 | 0 | None | None | 1 | None | None | Leave | |
| 973 | 307199 | 5108211 | WOLFE AVE | 39 | Front Yard | Ce | <10 | Healthy | 0 | 0 | 0 | 0 | None | Present | 0 | None | None | Leave | |
| 974 | 307197 | 5108213 | WOLFE AVE | 39 | Front Yard | Ce | <10 | Healthy | 0 | 0 | 0 | 0 | None | Present | 0 | None | None | Leave | |
| 975 | 307198 | 5108215 | WOLFE AVE | 39 | Front Yard | Ce | <10 | Healthy | 0 | 0 | 0 | 0 | None | Present | 0 | None | None | Leave | |
| 976 | 307195 | 5108214 | WOLFE AVE | 39 | Front Yard | Ce | <10 | Healthy | 0 | 1 | 0 | 0 | None | Present | 0 | None | None | Leave | |
| 977 | 307194 | 5108214 | WOLFE AVE | 39 | Front Yard | Ce | <10 | Healthy | 0 | 1 | 0 | 0 | None | Present | 0 | None | None | Leave | |
| 978 | 307200 | 5108193 | WOLFE AVE | 41 | Front Yard | Bd | 25-34 | Healthy | 0 | 0 | 0 | 1 | None | None | 1 | None | None | Leave | |
| 979 | 307216 | 5108186 | WOLFE AVE | 42 | Front Yard | Other | <10 | Healthy | 0 | 0 | 0 | 0 | None | None | 0 | None | None | Leave | |
| 980 | 307212 | 5108131 | WOLFE AVE | 49 | Front Yard | Mm | >48 | Healthy | 1 | 1 | 0 | 0 | None | Present | 2 | None | None | Remove 2019-2023 | |
| 981 | 307212 | 5108131 | WOLFE AVE | 50 | Front Yard | Mr | 35-48 | Healthy | 1 | 0 | 0 | 0 | None | Present | 1 | None | None | Leave | |

# Appendix 5

## Street Tree Map

# Deep River Street Trees
# 2013-2023 Forest Management Plan

N

PINE POINT RD
PINE POINT CLOSE
THOMAS ST
LAKESIDE DR
RIVER RD
PIER RD
BBQ KHOUSE WAY
CEDAR RD
CHADWICK DR
FERMI LN
KENNEDY PL
DOUBLE DIP RD
GROUSE CRT
CIPRIANI CRT
COCKCROFT CRES
AVON RD
TAMARACK ST
BEATTY CRES
HIGHLAND CRES
CLAREMOUNT RD
AVON CRES
CABOT PL
RIDGE RD
MOUNTAIN VIEW CRES
FRONTENAC CRES
VICTORIA CRT
JAMES ST
GREENWOOD RD
FARADAY CRES
DALTON ST
WOLFE AVE
THOMSON CRES
RUTHERFORD CRES
HAMMOND CRT
FARADAY CRES
LAURIER AVE
LAURIER PL
ALEXANDER PL
CARTIER CRES
MACDONALD ST
ALDER CRES
SPRUCE CRES
FOREST AVE
MONTCALM ST
POPLAR ST
HURON ST
CHAMPLAIN ST
DEEP RIVER RD
SUMMIT ST
STAFF HOUSE RD
TROYES ST
ALGONQUIN ST
ALGONQUIN AVE
HURON ST
SPRING AVE
SUMMER ST
BEACH AVE
PARKDALE AVE
HILLCREST AVE
CLEARDALE AVE
LECLAIR ST
BIRCH ST
MAPLE ST
MEWATOM CRES
LASALLE DR
DARWIN CRES
BANTING DR
ELM ST
SUMMER ST
ST. MARYS LN
GRANITE LN
CLUB HOUSE RD
GOLF COURSE RD
MCELLIGOTT DR
BALMER BAY RD
HIGHWAY 17
CD HOWE DR
WALKER RD

## Legend

### Street Tree Recommendation

- Trim
- Remove ASAP
- Remove 2013-2018
- Remove 2019-2023
- Leave
- County Road
- Private Road
- Provincial Highway
- Municipal Maintained Road
- Municipal Seasonal Road
- Crown Road
- Water
- Permanent Stream/River
- Intermittent Stream
- Wetland

**Note: Number labels represent Tree ID and correspond to data in Appendix 4.**

0 0.25 0.5 Kilometers

Produced by:
County of Renfrew Development and
Property Department
9 International Drive
Pembroke, Ontario K8A 6W5

Sources:
Base Data: With Data supplied under Licence by Members of the Ontario Geospatial Data Exchange & County of Renfrew
Projection: UTM NAD83 Zone 18

This map is illustrative only. Do not rely on it as being a precise indicator of routes, locations of features, nor as a guide to navigation. The County of Renfrew shall not be liable in any way for the use of, or reliance upon, this map or any information on this map.

February 9, 2013

# Appendix 6

## Recommendations for Urban Tree Planting in Deep River, Ontario

# Recommendations for Urban Tree Planting in Deep River, Ontario

## Benefits of Trees in Urban Landscapes

- **Improve property value**
  - Property values are an average of 6% greater in areas with trees[1].
- **Energy savings**
  - Trees act as wind, precipitation and sun screen to reduce heating and cooling costs year round.
- **Shading properties improve pavement performance**
  - Shade cast by trees can significantly increase the life of road surfaces by reducing the temperatures which the surface reaches during hot weather[2].
- **Trees play a role in reducing air pollution[3]**
  - Absorb gaseous pollutants through the leaf stomata during the normal exchange of gases.
  - Intercept and store larger particulates on outer leaf, branch and bark surfaces.
  - Sequester carbon dioxide above ground in woody tissue and below ground in the roots.
- **Act as sound buffer to traffic and other busy areas**
- **Tree roots stabilize, improve and preserve soil quality and protect against erosion**
- **Aesthetics**
  - Studies have shown that shoppers pay 12% more for goods in a tree-lined area[4].
  - Act as a privacy screen.
  - Screen undesirable views (e.g. industrial area, major road).
- **Wildlife value**
  - Provide nesting habitat for birds.
  - Support insect life that acts as an important food source for birds and other wildlife.
  - Many species provides berries or other mast that is a direct food source for many birds and mammals.
  - Linear corridors of trees facilitate travel from patch to patch of treed habitat and protect birds, small mammals and even deer from predators.

[1 2 4] Hastie, C. 2003.

[3] Centre for Urban Forest Research. 2005.

## General Considerations

1. **Tree species native to the region should be used**, and grown for seed zone 29 or 30 if possible. Preferably, seed will have been collected and grown in area or similar climate zone. Request this from your nursery. Using non-native species can be harmful to the diversity of our natural forests. For example, Norway maple, a non-native species commonly used in landscaping, is a prolific seed producer and its thick foliage shades out most other species. Norway maple's ability to grow in deep shade makes it particularly threatening to natural woodlands by outcompeting native species such as sugar maple. **Use a variety of species** to avoid large-scale problems if species-specific pests or diseases become widespread (e.g. Dutch elm disease, emerald ash borer).

2. For economic and ecological reasons, effort should be made when clearing treed lots for development to **evaluate and retain some existing trees**. Mature trees with good form already on site should be considered for retention unless susceptible to shock from exposure or disease. These trees are already established, naturally suited and at a stage that could take planted trees decades to adapt to – and best of all, they are free. Trees to retain should be identified early in the construction planning process and in conjunction with lot layout, building locations and grading. Equipment and materials should be kept at least 1 meter away from the drip line of trees to be retained. Fencing or other types of barriers delineating this zone will reduce damage to the tree and the risk of roots becoming compacted or severed. A tree professional (arborist, registered professional forester, forest technician) can provide valuable assistance in site plans related to tree retention.

3. **Provide trees adequate room to grow** above and below ground:
   - "Spot planting", e.g. planting trees in small openings of concrete is rarely successful. Water and soil nutrients are too limited for any tree to thrive. They often die within a short timeframe (10 years), resulting in a loss of investment[5]. See Table 1 for minimum growing space requirements. This information can also be used for determining adequate spacing from foundations, driveways and road right of ways. Trees will require varying amounts of space depending on crown shape and rooting habit. If adequate growing space is not available due to pavement or concrete placement, pre-planning should occur and make use of existing substrates that allow tree roots to develop while meeting engineering requirements[6].
   - Be aware of overhead hydro lines when planting new trees. Table 1 shows minimum planting distances from hydro.
   - Consider the potential for future soil compaction by nearby roads, driveways, heavy equipment travel areas as the root system of trees develop. Compaction over time will lead to crown dieback and sometimes death of the tree.

[5] McNeil, J. et al. 2006.
[6] Bassuk, N. et al. 2005.

Table 1. Distances to Consider When Planting New Trees in Urban Areas

| Consideration | Large Tree (>12m at maturity) | Medium Tree (6-12m at maturity) | Small Tree (<6m at maturity) |
|---|---|---|---|
| Growing Space at Maturity (length x width)* | 12m x 9m | 8m x 6m | 8m x 2m |
| Distance from Hydro overhead wires | 12m | 6m | 1.5m |

* All trees should be allowed a 1m soil depth at a minimum

## Suggested species

All recommended species are native to central Ontario. Trees should be purchased as sapling-sized nursery stock with large root balls for areas where immediate results are desired. In less urgent situations, small seedlings can be purchased at a much lower cost but will require frequent care to ensure success. In any case, newly planted trees should be watered frequently during dry periods for the first year until frost. Spring plantings are most successful.

Table 2 outlines and describes the properties of recommended species. Choosing the right tree should consider a number of factors:

- What is the purpose of the tree? Shade, aesthetics, windbreak, soil stabilization... Choose fast-growing (usually shorter-lived) species for areas where immediate results are required and longer-lived species where long term benefits are desired.
- What are the planting site conditions? If the tree will be exposed to salt a higher level of pollution from vehicle traffic (e.g. along a major road), be sure to choose a species well-suited to urban conditions. Is the site dry or wet?
- Can the dimensions described in Table 1 be provided for? If not, consider a shallow rooting species.

In any case, be sure to evaluate the advantages and disadvantages of each tree species to find the best match in any situation.

## Table 2. Characteristics of Recommended Species

| Species | Form | Size (m) | Crown | Roots | Lifespan | Site and Soils | Advantages | Disadvantages | Best for |
|---|---|---|---|---|---|---|---|---|---|
| **Deciduous** | | | | | | | | | |
| Sugar Maple *Acer saccharum* |  | 25+ | broad, round | deep, wide-spreading | 150+ | Best on deep, fertile, moist, well-drained soils. Tolerates heavy shade when young. | Sturdy, attractive crown. Brilliant fall colours. Good shade tree. Long-lived. | Sensitive to salt and air pollution, hot, dry conditions and compacted soils. | Landscaping, parks, schools |
| Basswood *Tilia americana* |  | 25+ | broad, round | shallow, spreading | 150+ | Prefers moist sites. Shade tolerant. | Produces fragrant flowers. Good shade tree. Decomposing leaves improve soil fertility. | Delicate branches subject to damage from ice or windstorms. | Parks, landscaping |
| Trembling Aspen *Populus tremuloides* |  | 20+ | short, rounded | shallow, very wide-spreading | 60+ | Grows on a variety of sites, easily established. Intolerant of shade. | Fast growing. Good for site rehabilitation. | Short lived. | Landscaping |
| Red Maple *Acer rubrum* |  | 20+ | long, dense, round | shallow, wide-spreading | 80+ | Wide range of soils, wet and dry. Best on moist sites. | Attractive deep red foliage in fall. Hardy but sensitive to salt. | Relatively short-lived compared to other native deciduous trees. | Landscaping, parks, schools |
| Red Oak *Quercus rubra* |  | 20+ | Round, symmetrical | deep, spreading | 100+ | Best on deep, well-drained sandy loam. Tolerant of dry conditions. Avoid wet sites. Tolerates shade when young. | Tolerates urban conditions. Long-lived. Good for retention if existing on site. | Acorns will drop in large quantities every 2-5 years. | Parks, landscaping, roadside, hard surface |
| Bur Oak *Quercus macrocarpa* |  | 15+ | broad, irregular | deep, spreading with a long taproot | 200+ | Well adapted to many sites: dry to moist, sand or clay. Tolerates some shade. Drought tolerant. | Tolerates urban conditions. Long-lived. | Acorns will drop in large quantities every 1-3 years. | Parks, landscaping |
| White Birch *Betula papyrifera* |  | 15+ | narrow, oval | shallow | 70+ | Tolerant of most sites, grows best on deep, well-drained sandy or silty soils. Intolerant of shade. | Fast growing. Good for rehabilitation. White peeling bark creates winter interest in gardens/yards. Wildlife value. | Short lived and very susceptible to shock and root damage. Do not retain on treed lots. | Landscaping |
| Black Cherry *Prunus serotina* |  | 15+ | broad, irregular | shallow, spreading | 80+ | Adapted to a wide range of soils. Shade intolerant. | Attractive white flowers in spring and scaly bark. Berries provide good wildlife value. Fast-growing when young. | Prone to black knot which eventually kills the tree. Tends to be short-lived. Twigs and leaves toxic to livestock. | Landscaping, parks, schools |

| Species | Form | Size (m) | Crown | Roots | Lifespan | Site and Soils | Advantages | Disadvantages | Best for |
|---|---|---|---|---|---|---|---|---|---|
| Hackberry *Celtis occidentalis* |  | 10+ | broad, arching | shallow, spreading | 150+ | Wide range of soils, moist or dry. Drought resistant. | Very tolerant of urban environment and salt. Produces berries valued by wildlife. Form similar to elm. | Although native to south/central Ontario, Deep River is slightly above the edge of natural range. Will not have local seed available for use. | Roadside, hard surface, schools, parks, landscaping |
| Mountain Ash *Sorbus americana* |  | <10 | narrow, open, round | fibrous | 25+ | Prefers moist sites but will grow well on relatively dry soils under most light conditions. | Flowers and berries are attractive. Berries remain on tree all winter and area valuable as food for many species of birds and small mammals. Berries can be used for jelly. | Slow growing and short lived. | Windbreaks and landscaping |
| **Coniferous** | | | | | | | | | |
| White Pine *Pinus strobus* |  | 25+ | Irregular (when mature), stout branches | deep lateral roots | 150+ | Best on well-drained to moist sand and loams. | Long-lived, sturdy. Good candidate for retention if present on site. Attractive silhouette makes this tree iconic of the Ottawa Valley. Provincial tree of Ontario. Seeds provide wildlife value. | Sensitive to salt and air pollution. Do not plant in full sunlight - prone to white pine weevil until 6m in height. Also risk of blister rust if current bushes are present.<br>Cones will drop. Pine sap is sticky and drips from tree. | Retaining as existing tree, schoolyard, parks, landscaping. |
| Red Pine *Pinus resinosa* |  | 20+ | Irregular (when mature), flat-topped | deep, wide-spreading. | 100+ | Best on sandy soils. Shade intolerant. | Common in plantations (site rehabilitation) and can generate revenue. Moderately drought tolerant when mature. Seeds provide wildlife value. | Intolerant of urban conditions. Plantations must be managed to curb mortality, ensure maximum growth is attained and preserve future value of the stand. Cones will drop. Pine sap is sticky and drips from tree. | Plantations in cleared areas, landscaping. |
| White Spruce *Picea glauca* |  | 20+ | broad conical | shallow, wide spreading | 100+ | Best on well-drained, moist soils. Avoid dry sites. | High wildlife value for shelter and seed. Very hardy. | Cones will drop. | Windbreaks and landscaping |

| Species | Form | Size (m) | Crown | Roots | Lifespan | Site and Soils | Advantages | Disadvantages | Best for |
|---|---|---|---|---|---|---|---|---|---|
| Balsam Fir *Abies balsamea* |  | 15+ | conical, symmetrical | shallow | 60+ | Adapted to a variety of soils. Shade tolerant. | High wildlife value as shelter for songbirds. Popular Christmas tree. | Relatively short lived. Sap is sticky and drips from any injury to tree. | Windbreaks and landscaping |
| Eastern White Cedar *Thuja occidentalis* |  | 10+ | long, narrow | Deep (well-drained soil) or shallow (saturated soil) roots. | 100+ | Dry, wet or shallow soils. Tolerant of shade. | Can be top-pruned to encourage lateral growth. High wildlife value as shelter for songbirds. Fragrant. | Slow growing. | Hedges, windbreaks |

## Do Not Plant List

Although the species above are recommended for use in urban areas, other trees may be selected. The following tree species should not be planted in any case for the reasons described.

**Scot's pine** (*Pinus sylvertris*): can be invasive and displace native species in natural areas.

**Ash** of any kind (*Fraxinus sp.*): The spread of emerald ash borer is inevitable and will eventually reach this area. Planting ash will result in loss of investment.

**Butternut** (*Juglans cinerea*): Butternut canker is widespread in forests, leading to the listing of the native tree as endangered. The fungus kills the tree and can also affect planted varieties.

**Elm** *(Ulmus americana)*: Dutch elm disease is still present in the area and will reduce the success of trees beyond 30 years of age.

**Black Locust** (*Robinia pseudoacacia*) or other species of locust: Although works well for site reclamation projects, can spread out of control by aggressive seed and root sprouts. Many varieties have sharp spines that can cause injury.

**Norway maple** (*Acer platanoides*): Widely planted ornamentally in the past, this non-native species has invaded some natural woodlots and can hybridize with native maples, tampering with natural genetic diversity.

**Maple Hybrids:** Many maple species marketing for landscaping (Scarlet Maple, Autumn Blaze Maple) are hybrids of Norway or other maples and may pose the same threats as noted above. There is also a risk that these trees may hybridize with native species, impacting natural genetic diversity. Choose native species instead (see Table 2).

**American Beech** (*Fagus grandifolia*): Beech bark disease has recently become prevalent in Ontario and is widespread in adjacent counties. This non-native insect-fungus complex is caused by the beech scale (*Cryptococcus fagisuga*) and the canker fungus *Neonectria faginata*. It is expected that this disease will impact beech trees in Renfrew County in coming decades. There is currently no treatment and few trees show immunity; death of the tree occurs within 5 years of infection.

## Definitions

**Hard surface planting:** Planting of trees in areas with limited growing space (e.g. roadside).

**Landscaping:** Planting of trees on urban properties (e.g. houses or businesses) for aesthetics or shade purposes.

**Roadside:** Trees that are suitable for planting adjacent to roads are more tolerant of salt and vehicle emissions. Steps should still be taken to provide adequate growing space (e.g. pre-planning to ensure soil availability).

**Windbreak:** Planting trees in a line for the purposes of blocking wind and/or sediment from blowing toward buildings or field. Helps reduce erosion.

## Resources

Bassuk, N. et al. 2005. Using CU-Structural Soil in the Urban Environment. http://www.caddetails.com/spotlight/nov06/CU-Soil.pdf. Cornell University.

Centre for Urban Forest Research. 2005. Special Edition- Air Pollution Control-The Tree Factor. Center for Urban Forest Research, Pacific Southwest Research Station, USDA Forest Service, Davis, California and the Southern Center for Urban Forestry Research & Information, Southern Research Station, USDA Forest Service, Athens, Georgia.

City of Ottawa, Forestry Services. 2006. *Recommended Tree Species for the Ottawa Area*. Ottawa.

Eastern Ontario Model Forest et al. 2004. *Choosing the Right Tree: A Landowner's Guide to Putting Down Roots*. EOMF & Natural Resources Canada.

Farrar, John L. 1995. *Trees in Canada*. Fitzhenry & Whiteside Limited and the CFS.

Hastie, C. 2003. The Benefits of Urban Trees. http://www.naturewithin.info/UF/TreeBenefitsUK.pdf

Hydro Ottawa. 2009. *Tree Planting Advice*. Hydro Ottawa Publications.

McNeil, J. et al. 2006. *Oakville's Urban Forest: Our Solution to Our Pollution*. Town of Oakville.
USDA Forest Service. *Tree List*. http://www.fs.fed.us/database/feis/plants/tree/index.html

# Appendix 7

## McAnulty Road Lands

## Forest Operation Prescription

# Forest Operations Prescription

Prepared under the provisions of Deep River Forest Management Plan 2013-2023

| | |
|---|---|
| **Forest Name:** | McAnulty Road |
| **Forest Number:** | 20 |
| **Prepared by:** | **Jeff Muzzi** |
| **Date:** | March 12, 2013 |
| **Signature:** | |

*I certify that the forest operations prescribed in this forest operations prescription are appropriate for the conditions existing.*

ONTARIO PROFESSIONAL FORESTERS ASSOCIATION
2093
JEFF MUZZI
ONTARIO
ASSOCIATE MEMBER

RPF Seal

**Comments/Issues:**

**1.** Harvest operations should be completed by October 31 of the year of operations to maximize site disturbance to create optimal seed bed conditions for the regeneration of white pine. The goal is to complete harvest in the frost-free period.
**2.** (i) No species at risk, or high-potential species at risk habitat has been noted during field work.
(ii) NHIC data indicates an observation of Ram's head Lady's Slipper in 1961 within the property. This is an uncommon plant which requires moderatly open forests with cool soils and a neutral pH. Markers should be alert to the possibility of it being present.
**3.** This area is used extensively for recreation. There are numerous trails throughout, and the baseball diamond and soccer fields are adjacent. Existing trails are to be clearly marked prior to harvest, and must be cleared at the completion of operations.
**4.** The harvest area is adjacent to McAnulty Road, Double Dip Road, and private properties along Highway 17. All private property boundaries must be clearly established prior to any other operations commencing. Appropriate measures must be taken to ensure public safety during harvest operations and hauling.
5. Harvest operators are expected to exercise reasonable judgement in terms of timing of operations; for example, operations should not be carried out near the cemetary while there is a funeral service underway.
6. The Town of Deep River's Official Zoning by-law identifies two zones within the property; Open Space Two, and Residential Two - Holding. Both permit "the proper implementation of techniques to manage, sustain or improve the compenents of the natural environment"; therefore, forest management activities are appropriate.

# Forest Overview

**Current condition:** The Town acquired this property with the long-term goal of expanding the recreational fields and/or creating new housing lots. The property was likely first harvested prior to 1850, was subsequently harvested several more times, and burned over several times as well. The most recent harvests appear to have been in the early 1980s.

**Long-term objective:** Salvage declining, crowded or defective overstory to improve overall forest health and reduce hazards; create conditions suitable for the regeneration of Pw/Pr/Sw (both natural and artificial); release existing regeneration; and for the provision of other forest values.

**Previous harvests and management:** Area 5 and Area 1 appear to have been harvested in the early 80s. There has been no active management by the Town since acquistion of the property.

**Next intervention:** The harvest area should be re-surveyed no more than 5 years following the completion of harvest. Properly timed harvests will ensure optimal growth of residuals and maintain sufficient light conditions in the understory for white pine regeneration.

**Habitat considerations:**
Unless they present a safety hazard to workers or the public, standing dead trees will remain standing to serve as wildlife cavity potential. Any nest trees encountered will be retained.

**Biodiversity considerations:**
Scattered mature trees of species other than red pine will be maintained when encountered to contribute to stand diversity.
Large white pine veteran trees are scattered throughout the area. These will be retained and protected from damage. These trees provide a valuable seed source for the future stand.

**Recreation considerations:**
This area is very heavily used by hikers, bicyclists, snowmobiles and ATVs. There is an extensive trail system throughout (see map).

**Cultural/Historical considerations:**
None known.

## Forest Operations Prescription
## General Information

**Total Area** 35.9 ha

**Access**: Year-round access to the property is available via McAnulty Road, a maintained municipal road. Double Dip Road, an unmaintained township road, goes through the northern portion of the area.

**Boundary Layout**:
1. The cemetary property is fenced.
2. Private property lines on all outside boundaries must be clearly determined and well marked prior to any other activity commencing.
3. Boundaries between treatment areas should be marked where appropriate.

| AOC ID | AOC Description and Layout |
|---|---|
| n/a | *Stick nests and other wildlife values*<br>Other wildlife values discovered during the course of operations must be reported to supervisory staff immediately. A determination on how these values will be dealt with will by made by supervisory staff in conjunction with the operator. |
| | *Ottawa River*<br>No operations will be conducted northest of the utility line corridor (the corridor will form the boundary of the AOC) |

Harvest Conditions:
1. All roads, landings and water crossings must be approved by Town staff (or their designate).
2. All existing roads and trails are to be left in an "as good or better" condition when operations are completed.
3. All marked trees must be felled. All merchantable material (as defined in the utilization standards) must be skidded and hauled.
4. Terms and conditions as outlined in the Operating Specifications portion of the contract must be adhered to.
5. No damage to cemetary property, sports field or any other value will be tolerated.

**Renewal and Maintenance**: Natural regeneration. There are areas where Pw regeneration is adequate, and ready for release. In areas where Pw regeneration is lacking, and undesireable regeneration (hazel, balsam fir, etc.) dominates, skidder operators are encouraged to maximize ground disturbance to eliminate competition and create good seedbed conditions for Pw regeneration.

**Tending**: None anticipated. Monitor stand to evaluate effectiveness of natural regeneration, and release from competition as required. Consider augmenting natural regeneration with planting if required.

# Stand Description

| Treatment Area | **A** | **Area (ha): 10.2** | |
|---|---|---|---|
| Silv System & Stage of Mgmt | | Uniform Shelterwood - Seedng Cut | |
| Forest Unit | | PR | |
| Desired Future Forest Unit | | PR | |
| SGR | | US | |
| Data Collected by: | J. Muzzi | Date Collected: | 2006-13 |
| Stand Number | | 2 | 3 |
| Species Composition | | Pr8Pw1PoPj1 | Pr4Pj3Po2Pw1 |
| Age | | 80 | 90 |
| Height (m) | | 25 | 24 |
| BA (m2/ha) | | 26.5 | 35.7 |
| Stocking | | 1 | 1 |
| Average site class | | 1 | 1 |
| Area (ha) | | 3.7 | 6.5 |
| Ecosite | | ES12 | ES12 |
| Advanced Regeneration | Species | Pw, Po | Pw |
| | Height | Sapling | Sapling |
| | Stocking | LT | LT |
| Restrictions | Competition | Hzl; LT | Bf, hzl, Mr; sapling; LT |
| | Site Limitations | none | none |

| Treatment Area | **B** | **Area (ha): 7.9** | |
|---|---|---|---|
| Silv System & Stage of Mgmt | | Clearcut - Seedtree | |
| Forest Unit | | INT | |
| Desired Future Forest Unit | | PW2 | |
| SGR | | CC | |
| Data Collected by: | J. Muzzi | Date Collected: | 2006-13 |
| Stand Number | | 4 | 6 |
| Species Composition | | Po8Pw1Pj1 | Po4Pj3Pw1Pr1Bw1 |
| Age | | 80 | 70 |
| Height (m) | | 25 | 28 |
| BA (m2/ha) | | 38.7 | 29.2 |
| Stocking | | 0.8 | 0.8 |
| Average site class | | 1 | 1 |
| Area (ha) | | 5.5 | 2.4 |
| Ecosite | | ES14 | ES14 |
| Advanced Regeneration | Species | Pw | Pw |
| | Height | Sapling | 2m-pole |
| | Stocking | LT | LT(local) |
| Restrictions | Competition | Hzl, Mr; seed-sap; MOD | Hzl, Bf; 1m-4m; LT/MOD |
| | Site Limitations | none | none |

# Stand Description

| Treatment Area | **C** | **Area (ha): 17.8** | |
|---|---|---|---|
| Silv System & Stage of Mgmt | | Bypass | |
| Forest Unit | | PJ/INT | |
| Desired Future Forest Unit | | PW1 | |
| SGR | | Bypass | |
| Data Collected by: | J. Muzzi | Date Collected: | 2006-13 |
| Stand Number | | 1 | 5 |
| Species Composition | | Pj5Pr2Po2Pw1 | Po6Pw2Pj1Mr1 |
| Age | | 30 | 30 (vet 70) |
| Height (m) | | 17 | 17 (vet 23) |
| BA (m2/ha) | | 28.5 | 17.2 |
| Stocking | | 1 | 1 |
| Average site class | | 1 | 1 |
| Area (ha) | | 5.6 | 12.2 |
| Ecosite | | ES11 | ES17 |
| Advanced Regeneration | Species | Pj, Pw, Po | Po |
| | Height | Sapling-pole sized | Sapling to pole |
| | Stocking | HVY | HVY |
| Restrictions | Competition | Nil | Hzl, Mr; LT |
| | Site Limitations | none | none |

## Marking Prescription - Area A

**General Objective:** Salvage declining, crowded or defective overstory stems; create conditions suitable for the regeneration of Pw/Pr; release existing regeneration; and for the provision of other forest values.

**Target Residual BA or % Removal:** Where Pw regeneration is present, thin from above to achieve full-crown spacing; where regeneration is inadequate or lacking, remove sufficient stems to achieve 1/2 to 3/4 crown spacing.

**On the House Species:** Po, Bw, Bf, Ms (unless marked with blue paint)

**Marking Priorities:** Mark for retention (blue)

1. Dominant and co-dominant Class A1 Pr/Pw that appear windfirm with well-formed crowns free from defect or disease.
2. Target Pj/intolerant hardwoods (Po, Bw, Mr) for removal before Pw/Pr.
3. Residual bole spacing should be approximately 12m (half-crown) to 16m (full-crown)

Considerations for Pr removal - Target for removal trees with thinning tops, trees that have "flat-topped", trees with tufted or thinning foliage and trees that show bark decline.

**Stand Variables**

Some variation in diameter distribution occurs throughout the stand. Where smaller diameters dominate, retain trees that have the potential to become future crop trees - trees that show good vigour, with at least 40% of their bole length in live crown.

**Wildlife Considerations**: Retain trees with the following characteristics where they are available;

1. Conifer retention targets are amply satisfied in this forest type.

2. Retain an average of 10 cavity trees per hectare with a minimum of 5 cavity trees on each hectare. Trees larger than 38 cm with nest and roost cavities are a priority for retention. Smaller trees, or those containing feeding or escape cavities may also be retained to meet the cavity tree target.

## Marking Prescription - Area B

**General Objective:** Salvage declining, crowded or defective overstory stems; create conditions suitable for the regeneration of Pw/Pr; release existing regeneration; and for the provision of other forest values.

**Target Residual BA or % Removal:** N/A - Thin from below to achieve full-crown spacing.

**Available for Harvest:** Pj, Po, Bw, Bf, Ms (unless marked with blue paint)

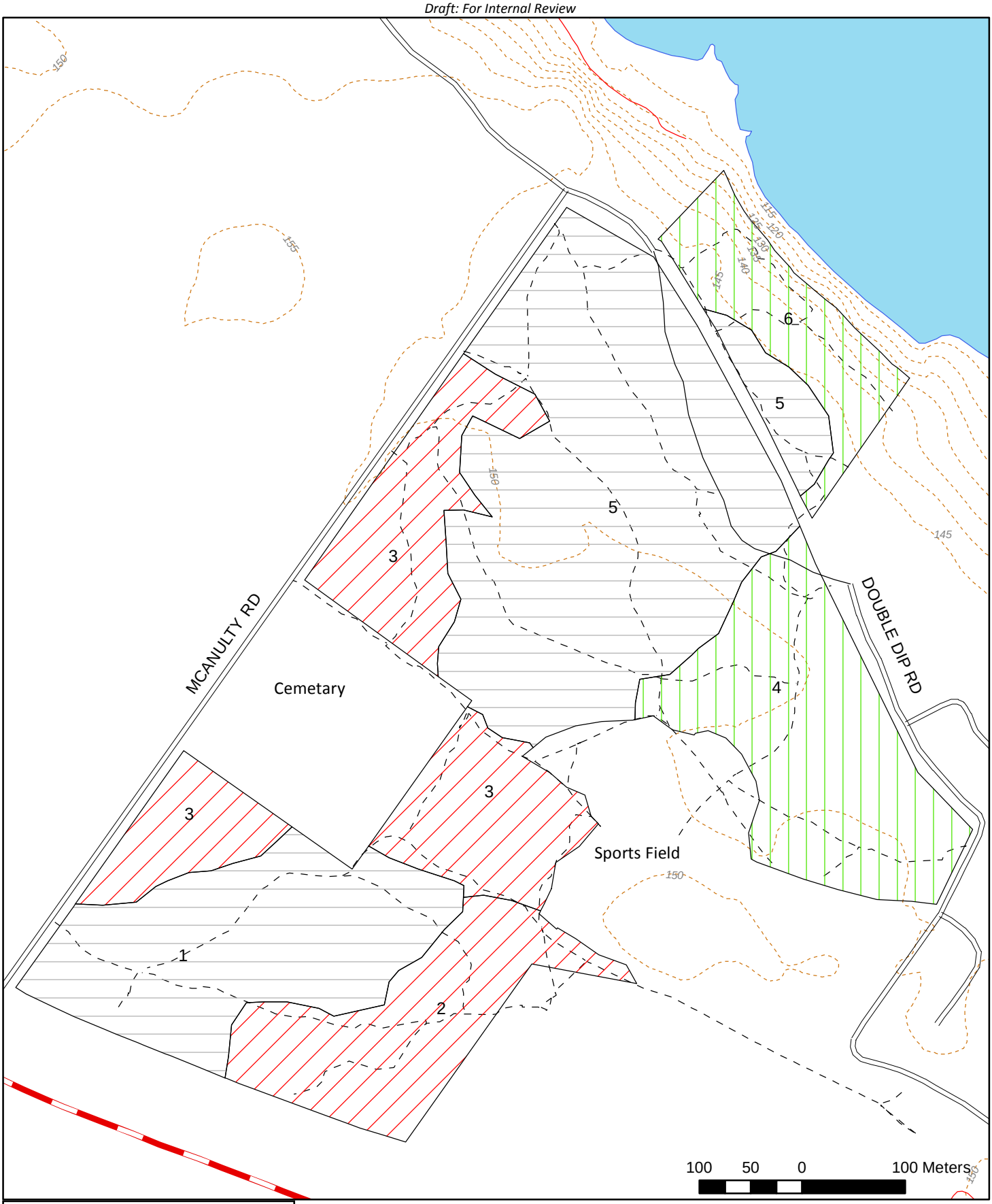
**Marking Priorities:** Mark for retention (blue)

1. Retain all dominant Pw/Pr that appear windfirm with well-formed crowns free from disease or defect.

**Stand Variables:** Species composition varies locally, with poplar more dominant in the western portion of the stand, and jack pine more dominant to the east. Generally, the healthiest trees available should be retained.

**Wildlife Considerations**: Retain trees with the following characteristics where they are available;

1. Retain at least 25 stems per hectare with 10 or more being larger than 38 cm dbh. Of these at least 5 should be living trees.
2. Wildlife trees should be a mix of living cavity trees, stubs, supercanopy trees, mast trees, diversity trees and safe standing dead trees.
3. Wildlife trees will generally be well dispersed. Retain an average of at least 15 individual stems on each hectare. The remaining can occur in clumps.




**Legend**

- Area A
- Area B
- Area C (bypass)
- Trails
- Contour (5m)

# McAnulty Road Lands
# 2013 Forest Operation Prescription

N

# Appendix 8

## Baggs Road Lands

## Forest Operation Prescription

# Forest Operations Prescription

Prepared under the provisions of Deep River Forest Management Plan 2013-2023

**Forest Name:** Baggs Road

**Forest Number:** 54

**Prepared by:** **Lacey Rose**

**Date:** January 31, 2013

**Signature:**

*I certify that the forest operations prescribed in this forest operations prescription are appropriate for the conditions existing.*

REGISTERED PROFESSIONAL FORESTER 2213 LACEY ROSE ONTARIO

RPF Seal

**Comments/Issues:**

**1.** Protect any white pine advanced regeneration that is encountered.
**2.** Harvest operations should be completed by October 31 of the year of operations to allow for some site disturbance to create optimal seed bed for regeneration of white pine. The goal is to complete harvest in the frost-free period.
**3.** (i) No species at risk, or high-potential species at risk habitat has been noted during field work.
(ii) NHIC data indicates an observation of Ram's head Lady's Slipper in 1961 within 1km of the Baggs Road property. This is an uncommon plant which requires moderatly open forests with cool soils and a neutral pH. It is not anticipated that this plant would be present in the closed canopy of a red pine plantation. If tree marking is done in spring, markers should be alert to the possibility of it being present.
**4.** The plantation is adjacent to private property on the northwest boundary. Trees must not be felled onto this property and no tops or logging debris shall be left across the property line.
**5.** The harvest are is adjacent to Baggs Road; appropriate measures must be taken to ensure public safety during harvest operations and hauling.

# Forest Overview

**Current condition:** This parcel of land is used primarily as a waste disposal site. There is about 6 ha of land that is cleared for this purpose on site, with the remaining area made up of mixedwood, intolerant hardwood and red pine plantations. The pine plantations are overdue for a commercial thinning to improve growth, form and vigour. There are two distinct stands of red pine plantations: one was planted about 50 years ago and has fairly good health and form; the other was planted about 30 years ago at a wider-than-normal spacing which has affected the growth and development of the trees.
The remaining forest area will be eligible for harvest in the next 10-15 years and is not included in this prescription.

**Long-term objective:** This prescribed harvest and subsequent thinnings will provide increasing amounts of light to regenerating white pine and other species. The desired future condition is a white-pine dominated forest. There will be areas of mixedwood where white pine does not regenerate successfully. This is in line with the original intent of most red pine plantations - to transition back to natural forest area.

**Previous harvests and management:** A small section of stand 5 (Mature Pr Plantation) has been lightly thinned. Tree marking should be lighter in this area, only removing defective stems. No other thinnings have occurred.

**Next intervention:** The area scheduled in this prescription should be re-surveyed no more than 7 years following the completion of harvest. Properly timed thinnings will ensure optimal growth of red pine residuals and maintain sufficient light conditions in the understory for white pine regeneration.

**Habitat considerations:**
Unless they present a safety hazard to workers, standing dead trees will remain standing to serve as potential wildlife cavity trees.
No nests were observed, however, a bald eagle was seen at the waste disposal site in winter. It is unlikely that the bird nests in the area in spring/summer. Any nest trees encountered will be retained.

**Biodiversity considerations:**
Scattered mature trees of species other than red pine will be maintained when encountered to contribute to stand diversity.
Large white pine veteran trees are scattered throughout the area and along edges of the stands. These, as well as any advanced white pine regeneration present, will be retained and protected from damage. These trees provide a valuable seed source for the future stand.

**Recreation considerations:**
No evidence of recreational use was observed in this area. Baggs Road recieves moderate use for access to the waste disposal site. A snowmobile trail runs adjacent to the road, on the opposite side of the waste disposal property.

**Cultural/Historical considerations:**
None known.

## Forest Operations Prescription
## General Information

**Area** **A** **Total (ha)** **7.9**

**Silvicultural System**: Clearcut

**Stage of Management**: 1st Thinning

**Access**: Year-round access to the property is available via Baggs Road, an all-season municipal road.

**Boundary Layout**: The southernmost boundary should been flagged, as it is adjacent to the property line. All other boundaries of the prescription area are the edge of the plantation and should be easily identifiable by the operator.

| AOC ID | AOC Description and Layout |
|---|---|
| n/a | *Stick nests and other wildlife values*<br>Other wildlife values discovered during the course of operations must be reported to supervisory staff immediately. A determination on how these values will be dealt with will by made by supervisory staff in conjunction with the operator. |
| stream | *Cold water stream*<br>A 3 metre undisturbed vegetative strip to be left adjacent to the stream.<br>No skidding on or through stream unless authorized.<br>No trees to be felled into, nor tops left, within stream.<br>Thermal regime will be protected by unharvest mixedwood adjacent to stream. No other reserve required. |

**Harvest Conditions**:

1. All roads, landings and water crossings must be approved by Town staff.
2. All existing roads and trails are to be left in an "as good or better" condition when operations are completed.
3. All marked trees must be felled. All merchantable material (as defined in the utilization standards) must be skidded and hauled.
4. Terms and conditions as outlined in the Operating Specifications portion of the contract must be adhered to.
5. No skidding or falling of trees onto adjacent private property without expressed consent of owner.

**Renewal and Maintenance**: White pine and oak regeneration should be protected. Where no regeneration is present, soil disturbance is desirable to create optimal seedbed conditions.

Planting of adjacent open areas (Stand 6) should be considered and site preparation could coincide with harvest operation.

**Tending**: None required.

# Stand Description

| | | | |
|---|---|---|---|
| Treatment Area | A | Baggs Road Lands 7.9 ha | |
| Silv System & Stage of Mgmt | | Commercial Thin | |
| Forest Unit | | Red Pine (PR) | |
| Stand Number | | 4 | 5 |
| Species Composition | | PR0 | PR0 |
| Age | | 30 | 50 |
| Height (m) | | 16 | 25 |
| BA (m2/ha) | | 38.0 | 60.0 |
| Stocking | | 1 | 1 |
| Average site class | | 2 | 1 |
| Area (ha) | | 1.8 | 6.1 |
| Ecosite | | ES12 | ES12 |
| Advanced Regeneration | Species | None | Pw |
| | Height | | <1m |
| | Stocking | | low |
| Restrictions | Competition | | low |
| | Site Limitations | none | none |

## Marking Prescription - PR Commercial Thin Work Area

**Where to Apply:** Polewood to sawlog size class red pine plantations
**General Objective:** To encourage growing conditions suitable for the development of the existing Pr component of the stand, utilize marketable material and partially release existing white pine regeneration, and create seedbed conditions suitable for the regeneration of white pine.

**Target Residual BA or % Removal:** Mark to remove access rows where necessary in this previously unthinned area. Light, selective marking should be done within retained rows, targeting defective stems. Reduce the stocking by 25-30%. This harvest will be lighter than most plantation thinnings since it is a late, first thinning. Too many trees removed would leave residuals suseptible to windthrow.

**On the House Species:** None

**Marking Priorities:** Mark for removal (orange)

1. In Stand 5, mark every 5th row (e.g. take one, leave 4) for removal to create access for equipment in this and future harvests. Stand 4 should be mainly accessible without access rows.

2. Target class 'A' trees which are expected to die or decline before the next harvest. These will include trees with insect damage, disease infection, forked, damaged, or severely flat topped red pine, or those with a high probability of wind throw.

3. Thin from below, targeting smaller diameter and suppressed trees or trees with small crowns which will not respond well to release.

**Stand Variables**

There is some variation on stocking within the allocated area, but generally this area is contiguous red pine. Some patches of dieback and/or heavy mortality will be heavily marked for removal. In these cases, retain a higher BA of healthy surrounding red pine to protect against windthrow. Some white pine advanced regeneration (>3m) is present: marking may be slightly heavier around these future crop trees to increase growing space.

**Wildlife Considerations**:

Markers should be aware that Pr plantations are frequently used by Cooper's and Sharp-shinned hawks for nesting sites.


**Legend**

- Prescription Area
- BaggsRd
- Trails

# Baggs Road Lands
# 2013 Forest Operation Prescription

N

# Appendix 9

## Other Large Forest Area Maps

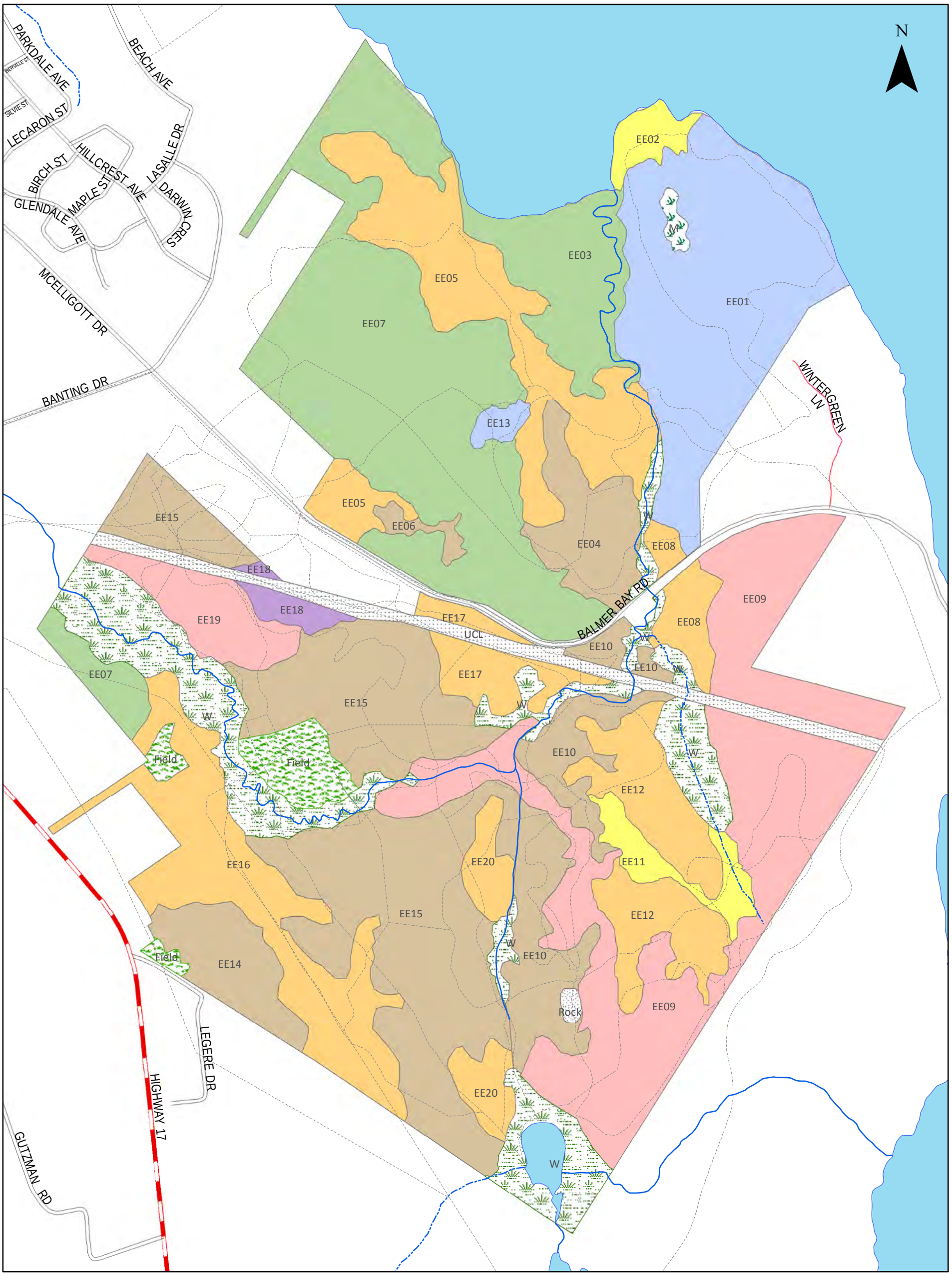

**Legend**

- Highway 17 Lands
- Provincial HW
- Trails
- Municipal Maintained

# Highway 17 Lands: Large Forest Area #55

N

50 25 0 50 100 150 Meters




## Legend

- Intolerant Hardwood
- Mixedwood
- Hardwood
- Cedar
- Mixed Conifer
- Jack Pine
- White Pine
- Field
- Muskeg
- Rock
- Hydro Line
- Wetland
- Water
- Permanent Stream
- Intermittent Stream
- Private Road
- Provincial Highway
- Municipal Maintained
- Trail

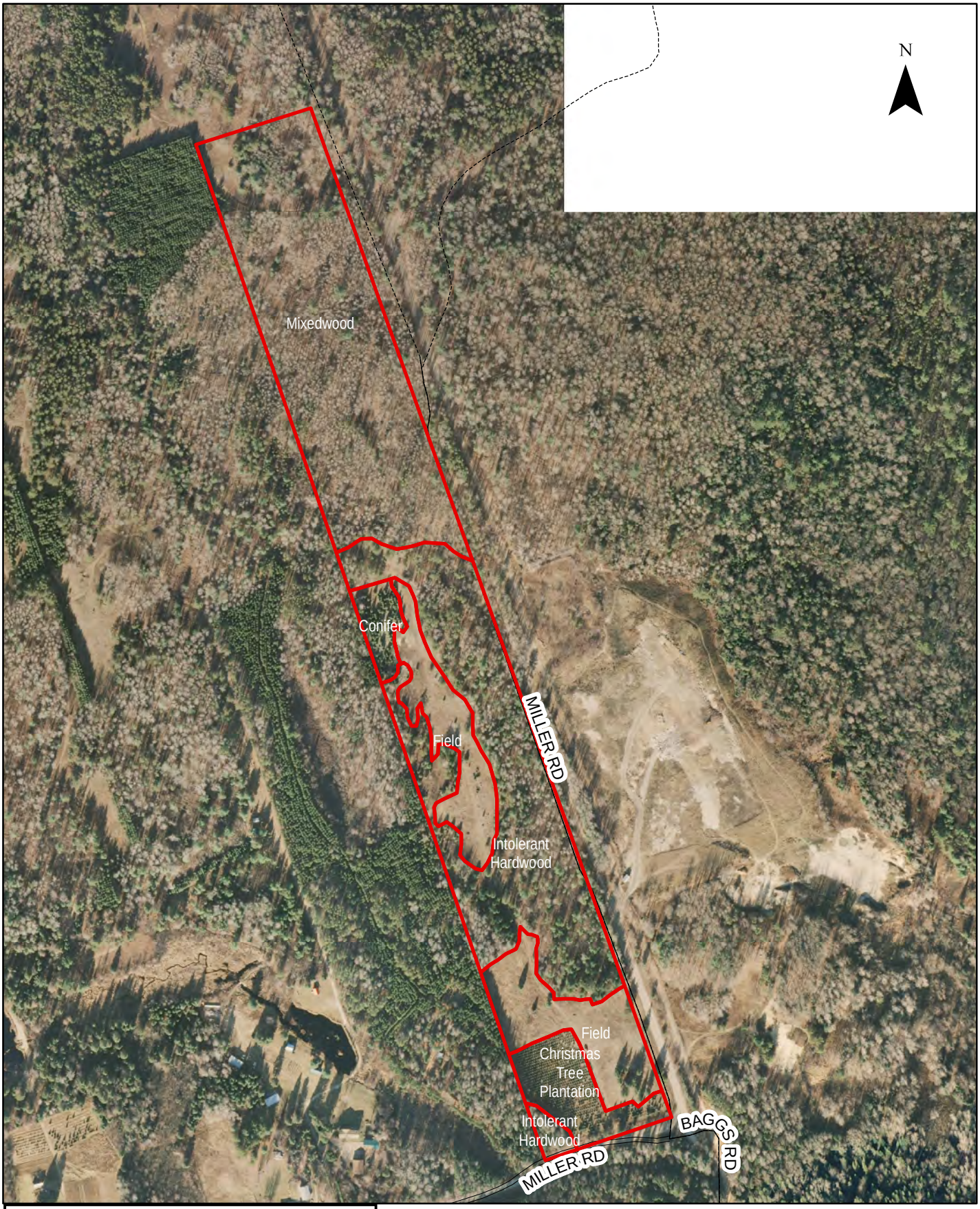
# East End Lands (Four Seasons Forest)

## Large Forest Area #56

0 125 250 500 Meters

## East End Lands (Large Forest Area #56) Stand Description

| Stand Type | Description | Stand ID | Area (ha) | Species Composition | Basal Area | Age | Height (m) | Stocking | Site Class | Regeneration | Other |
|---|---|---|---|---|---|---|---|---|---|---|---|
| CE | Cedar dominated forest. Deer yard. | EE03 | 14.3 | CE 8SW1 PW 1 | 32 | n/m | 20 | 0.80 | | Ce Sw (ll) | Cedar, nice wood |
| | | EE07 | 57.6 | CE 5AB 2BF 1BY 1OC 1 | 28 | 70 | 21 | 0.80 | 3 | Bf (l) | Ce-dominated, stand comp varies with topo. Deer yard. |
| CM | Mixed conifer forest | EE01 | 36.5 | BF 5PO 2MR 1SW 1BW 1 | 29 | 50 | 24 | 0.70 | 2 | Sw (l) Ms (l) Hz (l) | Mixed conifer, Pw pockets and vets along water(110yrs old) |
| | | EE13 | 1.2 | SW 5BF 2PW 1PO 1MR 1 | 30 | 40 | 19 | 1.00 | 2 | None | Old field, variable stocking. Some open area. |
| Field | Previously used for agriculture | Field | 6 | | | | | | | | |
| HD | Tolerant hardwood dominated forest | EE02 | 2.8 | MS 5AB 5 | 22 | 50 | 21 | 0.70 | X | MsAb, multi-aged | Lowland hardwood swale |
| | | EE11 | 4.3 | BY 5MR 2AB 2SW 1 | 22 | 50 | 21 | 0.70 | 1 | | Wet area, springy. Nice By poles |
| INT | Intolerant hardwood forest | EE09 | 51.4 | PO 4 MR 3BF 1OC 1OH 1 | 18 | 70 | 23 | 0.50 | 2 | Bf (h) | Heavy blowdown in north end. Variable stocking 0.3-0.6 |
| | | EE19 | 7.5 | PO 5BF 3MR 2 | 27 | 60 | 25 | 0.80 | 2 | Bf, Pw(LT) | Some wind damage |
| M | Treed muskeg | M | 0.8 | | | | | | | | Ab Bf By |
| MW | Mixedwood forest | EE05 | 25.9 | MR 3PO 2BF 2 SW 1OC 1OH 1 | 26 | 70 | 24 | 0.60 | 2 | Bf (h) | Variable stocking, low in some parts |
| | | EE08 | 4.5 | MR 6BF 3SW 1 | 32 | 45 | 20 | 0.90 | 2 | Bf (m) | Mixedwood with balsam fir sapling understory |
| | | EE12 | 15.9 | BW 2MR 2PO 2SW 1BD 1MH 1BY 1 | 22 | 50 | 22 | 0.70 | 2 | Mh Be Bf (m) | |
| | | EE16 | 23.2 | BY 2PW 2BE 1MH 1AB 1MR 1BF 1OH 1 | 14 | 70 | 22 | 0.60 | 2 | Bf, Id | Very scattered and mixed |
| | | EE17 | 5.9 | MR 5SW 2BF 2OH 1 | 19 | 70 | 22 | 0.80 | 2 | Bf, Mr | |
| | | EE20 | 5.9 | MR 3BY2 PO 1BF 1ID 1AB 1 | 22 | 60 | 22 | 0.70 | 2 | | Very mixed, wet areas |
| PJ | Jack pine dominated forest | EE18 | 2.2 | PJ 6PW 2PR 1MR 1 | 32 | 60 | 21 | 0.80 | 1 | Bf, Hzl; Pw (l) | Pj deteriorating, some Pw recruitment |
| PW | White pine dominated forest | EE04 | 8.8 | PW 5BF 2PO 1BE 1MR 1 | 20 | 90 | 29 | 0.70 | 1 | BfMr (l) | White Pine, two storied. Overstory 90 yrs, under 50 |
| | | EE06 | 1.3 | PW 6PO 2MR 1OC 1 | 29 | 90 | 26 | 0.70 | 1 | | White Pine veteran overstory |
| | | EE10 | 16.5 | PW 5SW 2BF 1PR 1OH 1 | 25 | 70 | 21 | 0.80 | 2 | Bf (m) | |
| | | EE14 | 7.8 | PW 7BW 2PR 1 | 25 | 80 | 25 | 0.80 | 1 | Bf La Hz | Nice Pw Pr, some storm damage |
| | | EE15 | 56.2 | PW 5PR 2MR 1OC 1 | 25 | 80 | 25 | 0.70 | 1 | Bf, Mr, Hzl | Generally poor quality Gen 1 Pw |
| Rock | Limited forest cover. | Rock | 0.4 | | | | | 0.20 | X | Bf (m) | Rock outcrop |
| UCL | Hydro right-of-way | UCL | 7.1 | | | | | | | | Hydro Right of Way |
| W | Wetland | W | 31.7 | | | | | | | | |
| *Total Area* | | | *395.5* | | | | | | | | |




**Legend**

Miller Road Stands

Trails

**Road Class**

Municipal Maintained

Municipal Seasonal

# Miller Road: Large Forest Area #53

50 25 0 50 100 150 Meters

# Appendix 10

## Public Consultation

## CORPORATION OF THE TOWN OF DEEP RIVER

## INVITATION TO PARTICIPATE IN

## TOWN'S FOREST MANAGEMENT PLAN (FMP)

The Deep River Forest Management Plan (FMP) is being prepared at the request of the Town of Deep River to provide recommendations and implementation details on effectively managing street trees, urban forest patches and larger forest areas owned by the Town. The Town recognizes the importance and benefits of trees and forests has identified its intentions to actively manage its treed properties to ensure future residents will continue to enjoy them.

Data collection is nearly complete and you are invited to comment and contribute to the upcoming draft plan. A document titled **"Introduction to the Deep River Forest Management Plan 2013-2023"** has been prepared as an overview to outline the main topics the plan will cover and identify the scope of the FMP. The document is available online at **www.deepriver.ca or in person at the Town Hall Public Works Department**. The two week review and comment period for this initial stage of consultation will end on **February 1, 2013**.

Please submit any comments within the scope of the FMP or identify any forest values that can be mapped, **in writing, before February 1, 2013**:

- By email: krista.cadoreth@deepriver.ca
- By mail: Town of Deep River, Public Works Department, 100 Deep River Road, P. O. Box 400, Deep River, Ontario, K0J 1P0
- Dropped off at the Deep River Town Hall, Public Works Department

The draft **Forest Management Plan** will be available for a 30-day public review when it is complete in Spring 2013. An open house will also be planned during the review of the draft FMP.

# Appendix 11

References

# APPENDIX 10: REFERENCES

Black's Law Dictionary, 9th Ed. 2009. Thomson West.

Centre for Urban Forest Research. 2005. Special Edition- Air Pollution Control-The Tree Factor. Center for Urban Forest Research, Pacific Southwest Research Station, USDA Forest Service, Davis, California and the Southern Center for Urban Forestry Research & Information, Southern Research Station, USDA Forest Service, Athens, Georgia.

Credit Valley Conservation Invasive Species Strategy. Draft 2009. http://www.creditvalleyca.ca/wp-content/uploads/2011/02/InvasiveSpeciesStrategy-draft.pdf

Cunningham, R. and Michener, C. 2007. The Four Seasons Forest: An Ecological Assessment.

D'eon, Steve. 2009. An inventory of tree species, tree sizes and tree health for the Town owned forested properties in Deep River, Ontario with particular attention to hazardous trees.

D'eon, Steve. 2007-09. Data, field notes and other material related to the writing of *An inventory of tree species, tree sizes and tree health for the Town owned forested properties in Deep River, Ontario with particular attention to hazardous trees.*

Ecology and Management of Eastern White Pine in the Lake Abitibi (3E) and Lake Temagami (4E) Ecoregions of Ontario. 2008. Latremouille, C et al. OFRI.

Extension Notes: Scots Pine in Ontario. 2005. OMNR. Queen's Printer for Ontario. http://www.lrconline.com/Extension_Notes_English/pdf/Scots_Pine.pdf

Forest Health Alert: Dog-Strangling Vine. 2008. OMNR. http://www.mnr.gov.on.ca/stdprodconsume/groups/lr/@mnr/@forests/documents/document/260834.pdf

Garlic Mustard: One of Ontario's most un-wanted invasive plant species. Ontario Invasive Plants Council. http://www.ontarioinvasiveplants.ca/index.php/publications

Hastie, C. 2003. The Benefits of Urban Trees. http://www.naturewithin.info/UF/TreeBenefitsUK.pdf

Kennedy, C. 1970. The Upper Ottawa Valley: A Glimpse of History. Renfrew County Council. Pembroke, ON

Mercer, J. 1998. Staying the Run: A history of the United Townships of Rolph, Buchanan, Wylie & McKay. Rolph, Buchanan, Wylie and McKay Historical Society. Deep River, ON.

Muzzi, J. 2006. Forest Operation Prescription for the McAnulty Road Property.

Nature Conservancy Canada. 2007. Control Methods for the Invasive Plant Garlic Mustard (Alliaria petiolata) within Ontario Natural Areas.

Problem Weed of the Month: Garlic Mustard. 2005. Ontario Ministry of Agriculture and Food. http://www.omafra.gov.on.ca/english/crops/hort/news/hortmatt/2005/10hrt05a4.htm