## Tree Inventory and Preservation Plan Report

Subject Property:
5520 \& 5552 Eight Line
Erin, ON

Prepared For:
Mattamy (Erin) Developments Inc.
433 Steeles Ave. E., Milton, ON L9T $8 Z 4$
\&
2779181 Ontario Inc.
6625 Kitimat Rd, Unit 58, Mississauga, ON L5N 6J1

Prepared By:

## Jackson Arboriculture Inc.

118 Pleasant Ridge Rd.
Brantford, ON N3R 0B8

26 May 2022
Revised 4 July 2023
Revised 16 October 2023
Jackson Arboriculture Inc. Project No. 244

### 1.0 Introduction

Jackson Arboriculture Inc. was retained by Mattamy (Erin) Developments Inc. and 2779181 Ontario Inc. to complete a Tree Inventory and Preservation Plan report for a property situated at 5520 and 5552 Eight Line in the Town of Erin, herein referred to as the subject property. It is understood that two development applications will be filed with the Town for the construction of two residential subdivisions.

### 2.0 Methodology

At the onset of the project the scope of work was coordinated with the client and the consulting team. Prior to conducting a site visit, the topographic survey of the subject property and current aerial photography were overlaid utilizing geographic information software for use on site during the completion of the tree inventory. The tree locations, the topographic survey and the site plan were then overlaid and a tree preservation analysis was completed to determine the impacts to the trees included in the inventory.

### 2.1 Tree Inventory

Site visits were conducted on the $16^{\text {th }}$ and $31^{\text {st }}$ of August, and the $1^{\text {st }}$ of September 2021 to complete the tree inventory. All trees 10 cm in diameter and larger situated within the limits of development, within 5 m of the limits of development and within the road allowances were included in the tree inventory. A visual assessment was completed on each tree included in the inventory and the following information is provided in the tree inventory table (Table 1):

- Tree \#: A number assigned to each tree correlating to the tree inventory and the Tree Preservation Plan (TPP) Sheets 1-4.
- Species: Common and scientific (Latin) species names.
- DBH: The trunk diameter at breast height, measured in centimeters at 1.4 m from the ground.
- Condition: The health of the tree regarding the trunk integrity, the crown structure and the crown vigour; each rated as poor, fair or good. The condition ratings are based on the signs, symptoms and defects exhibited by each tree, considering the conditions in which it is growing.
- Dripline: The distance from the stem to the tips of the live branches, measured in meters.
- Comments: Any additional notes relevant to the tree's health or growing conditions.
- Recommendation: The recommended removal or preservation of each tree based on the impact assessment.

The trees included in the inventory were identified with numbers 1-273 and were located using a tablet computer with a GPS chip and estimates made on site. Where numerous trees reside in close proximity to each other and their locations could be not determined utilising the GPS unit they were inventoried as a group called a "tree polygon". Tree polygons are identified with the letter "P" prefix prior to the tree number (i.e. P29).

All trees 10 cm in diameter and larger situated within a tree polygon were tallied utilizing the following parameters:

Species: Common and scientific species names.
Size Class: Trees were tallied by diameter classes of 10-19 cm, 20-29 cm, 30-39 cm, 40-49 cm, 50-59 cm, etc.
Condition: Trees were classified as either Good, Fair or Poor.

Refer to Appendix A for the complete tree polygon tally sheets.

### 2.2 Impact Assessment

A tree preservation analysis was completed on each tree considering the impacts from the proposed development and many other factors including, but not limited to, tree condition, species, DBH and the existing site conditions. The impacts from the proposed development will occur where tree roots conflict with construction machinery during demolition, pre-grading, construction, grading and servicing.

The distance of dripline was utilised during the tree preservation analysis to determine the potential impacts to each tree. Where encroachment is required within the dripline, tree removal may be required.

### 3.0 Existing Conditions

The subject property is currently occupied by active agricultural fields, woodlands, two farms steads with two residential dwellings and multiple agricultural outbuildings. There is a significant amount of relief in the topography of the subject property, with the highest point residing in the southwest corner sloping in a downward direction towards the north eastern corner of the property. The subject property is bound by Sideroad 17 and holdout properties to the north, Eight Line and holdout properties to the east, woodland to the south and active agricultural land to the west.

### 4.0 Tree Inventory Results

The results of the tree inventory indicate that a total of 241 trees and 32 tree polygons reside on subject property, within the road allowance and on neighbouring property within 5 m of the property boundaries. The trees included in the inventory are dominated by naturally occurring trees with some landscape plantings. The naturally occurring trees reside between the agricultural fields and within the road allowances. The landscape plantings reside in close vicinity to the residential dwellings.

Three (3) Butternut (Juglans cinerea) were identified in the tree inventory within tree polygons P66 and P67. One of the Butternut is $40-49 \mathrm{~cm}$ in diameter and non-retainable. The second Butternut is 36 cm in diameter and dead. The third Butternut is 1 cm in diameter and retainable.

Refer to the EIS prepared by RJ Burnside \& Associates Limited for the impacts and mitigation requirements for species at risk. Refer to Table 1 and Appendix A for the complete tree inventory and Sheets 1-4 for tree locations.

### 5.0 Proposed Development

The proposed development includes the demolition of 1 homestead and the construction of two multi-block residential subdivisions, one at 5520 Eight Line and one at 5552 Eight Line, to be covered under separate applications. The subdivisions will include residential development blocks, SWM pond blocks, a park block, natural heritage system blocks and a pumping station. One of the farmsteads will be retained by the former property owner.

### 6.0 Discussion

The following sections discuss the tree removal requirements, tree preservation opportunities and tree preservation recommendations.

### 6.1 Tree Removal

The removal of Trees and Tree Polygons 1-41, P46, 48, P52, 55, 57-62, P65-P67, P69-93, 96122, 134-140, 145-149, 161-165, a portion of P180, P181-195, 197, 206--P273 will be required to accommodate the proposed development. Considering the topography on the property, there will be significant grading required to accommodate the proposed development, resulting in considerable tree removal.

Small portions of Tree Polygons P209 and P218 reside within the buffer to the Natural Heritage System. The trees residing within the buffer will be preserved behind tree protection fencing, however, the majority of the tree polygons will be removed to accommodate grading.

Tree 179 does not conflict with the proposed development, however, it is exhibiting an elevated risk potential and should be removed to eliminate the associated risk.

Trees 1-10, a portion of P180, a portion of P268, 269, 270, 271, 272 and a portion of P273 appear to reside within the road allowances. Permission from the appropriate Town department will be required prior to their removals.

Tree 11, 12, 216, a portion of P65, a portion of P71 and a portion of P72 appear to reside partially or fully on neighbouring property. Permission from the respective property owner will be required prior to the removal of trees residing partially or fully on neighbouring property.

It appears that Tree 215 also resides on neighbouring property, however, it is understood that Mattamy Homes has acquired a portion of this parcel and as such, the tree is owned by the applicant.

Portion of P45 and Trees 179 and 195 reside behind prescribed tree protection fence. These trees must be removed prior to the installation of the tree protection fence.

It is noted in the EIS that Common Buckthorn (Rhamnus cathartica) reside along the edge of some of the natural heritage features. Buckthorn are very aggressive and highly invasive. It is recommended that any Buckthorn residing within the edge of the natural features should be removed during the tree removal phase. Where Buckthorn reside within tree protection areas they must be removed prior to the installation of the tree protection fence. Refer to Table 25 of the EIS for the recommended Buckthorn removal measures.

### 6.2 Tree Preservation

The preservation of Trees 42-45, 47, 49-P51, 53, 54, P56, 63, 64, P68, 94, 95, 150-157, 166-171, 123-133, 141-144, 158-160, 172-178, a portion of P180, P196 and P198-205 will be possible with the use of appropriate tree protection measures. Tree protection fence must be installed prior to the commencement of demolition/pre-grading.

Light encroachment within the dripline of Trees 13, 123, 149, 150 and 151 will be required to accommodate grading. If any tree roots are exposed during grading they must be pruned by a Certified Arborist in accordance with good arboricultural practice to ensure that the root system is not damaged.

Prior to assumption a hazard tree assessment along the buffers to the Natural Heritage System should be completed to ensure that no trees residing within the buffers have become destabilized during grading and construction.

Tree protection fence must be installed at the dripline plus 1 m of trees identified for preservation unless noted other in this report and on Sheets 2-4. The tree protection fence must be comprised of silt fence affixed to paige wire fence supported on meal t-bars. Portion of P45 and Trees 179 and 195 reside behind prescribed tree protection fence. These trees must be removed prior to the installation of the tree protection fence.

Refer to Sheet 1 for the tree protection fencing detail and additional tree protection plan notes. Refer to Sheets 2-4 for the prescribed location of tree protection fencing.

### 6.3 Tree Protection Recommendations

The following recommendations are made in attempts to reduce the impacts to trees identified for preservation:

- Tree protection fence must be installed at the dripline of trees identified for preservation, unless noted otherwise, as outlined on Sheets 1-4 prior to the commencement of demolition.
- Once tree protection fence has been installed it must not be moved, relocated or altered in any way (unless repairing fallen fence etc.) for the duration of the construction period.
- No intrusion into an area identified on Sheets $2-4$ as a tree preservation zone (TPZ) is allowed at anytime during construction.
- No storage of machinery, construction debris, materials, waste or any other items is allowed within a TPZ.
- Any tree branches (and roots) that conflict with proposed development must be pruned by a Certified Arborist in accordance with acceptable arboricultural practice.
- Tree protection fencing should be inspected by a Certified Arborist prior to and during construction to ensure that the fencing remains intact and in good repair throughout the stages of development.
- Prior to assumption a hazard tree assessment along the buffers to the Natural Heritage System should be completed to ensure that no trees residing within the buffers have become destabilized during grading and construction.


## Summary and Recommendations

Jackson Arboriculture Inc. was retained by Erin Developments Inc. and 2779181 Ontario Inc. to complete a Tree Inventory and Preservation Plan report for a property situated at 5520 and 5552 Eight Line in the Town of Erin. A tree inventory was conducted and an impact assessment was completed in the context of the proposed development plan.

The tree inventory documented a total of 241 trees and 32 tree polygons situated on subject property, in the road allowances and on neighbouring property within 5 m of the property boundaries. The results of the impact assessment indicate that the removal of 185 trees and 24 tree polygons will be required to accommodate the proposed development.

Respectfully submitted, Jackson Arboriculture Inc.

## Jeremy Jacksan

Jeremy Jackson, H.B.Sc., ISA Certified Arborist \#ON-1089A
GIS Analyst

## Limitations of Assessment

It is our policy to attach the following limitations of assessment to ensure that the client, municipalities and agencies are fully aware of what is technically and professionally realistic when visually assessing and retaining trees.

The assessment of the trees presented in this report has been made using accepted arboricultural techniques. These include a visual examination of the above ground parts of each tree for structural defects, scars, external indications of decay such as fungal fruiting bodies, evidence of attack by insects, discoloured foliage, the condition of any visible root structures, the degree and direction of any lean, the general condition of the trees and the surrounding site, and the proximity of property and people.

Notwithstanding the recommendations and conclusions made in this report, it must be realized that trees are living organisms and their health and vigour constantly change. They are not immune to changes in site conditions, or seasonal variations in the weather conditions, including severe storms with high-speed winds.

While reasonable efforts have been made to ensure that the trees recommended for retention are healthy no guarantees are offered, or implied, that these trees, or any parts of them, will remain standing. It is both professionally and practically impossible to predict with absolute certainty the behaviour of any single tree of group of trees or their component parts in al circumstances. Inevitably a standing tree will always pose some risk. Most trees have the potential for failure under adverse weather conditions, and the risk can only be eliminated if the tree is removed.

Although every effort has been made to ensure that this assessment is reasonably accurate, trees should be re-assessed periodically. The assessment presented in this report is valid as the time of the inspection.

Table 1. Tree Inventory
Location: 5520, 5552 Eight Line, Erin
Date: $\underline{16 / 31 \text { Aug, } 1 \text { Sep, } 2021 \text { Surveyors: JJJ }}$

| $\begin{gathered} \text { Tree } \\ \# \\ \hline \end{gathered}$ | Common Name | Scientific Name | DBH | TI | CS | CV | DL | Comments | Recom. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | Norway Maple | Acer platanoides | 23, 19 | F | G | G | 4 | Union at 0.4 m with included bark, stem wound | Remove |
| 2 | Norway Maple | Acer platanoides | 30 | FG | G | G | 4 | Union at 1.6 m | Remove |
| 3 | Norway Maple | Acer platanoides | 40 | FG | G | G | 5 | Growth deficit | Remove |
| 4 | Norway Maple | Acer platanoides | 51 | F | FG | G | 5 | Union at 2 m with included bark and seam | Remove |
| 5 | Norway Maple | Acer platanoides | 38 | FG | G | G | 5 | Union at 2 m | Remove |
| 6 | Norway Maple | Acer platanoides | 28 | FG | FG | G | 4 | Union at 2.5 m | Remove |
| 7 | Norway Maple | Acer platanoides | 32 | P | PF | PF | 4 | Union at 1.6 m , heavy stem wound, 20\% crown dieback | Remove |
| 8 | Norway Maple | Acer platanoides | 38 | F | G | G | 5 | Seam | Remove |
| 9 | Norway Maple | Acer platanoides | $\begin{aligned} & \hline 19,20, \\ & 24,10 \\ & \hline \end{aligned}$ | F | FG | G | 4 | Union at ground with included bark | Remove |
| 10 | Norway Maple | Acer platanoides | 40 | F | FG | G | 5 | Union at 1.8 m , seam with fruiting bodies | Remove |
| 11 | Apple species | Malus sp. | ~65 | F | F | F | 9 | Union at 2 m with heart rot, pruning wounds/stem wounds | Remove |
| 12 | White Spruce | Picea glauca | 25 | G | G | G | 4 |  | Remove |
| 13 | Apple species | Malus sp. | ~30 | G | FG | G | 4 | Broken branches | Remove |
| 14 | Trembling Aspen | Populus tremuloides | 20 | F | F | FG | 4 | Stem wound, heavy grapevine competition, bowed | Remove |
| 15 | Apple species | Malus sp. | $\sim 5-12$ | F | FG | G | 4 | Union at ground, $\sim 15$ stems | Remove |
| 16 | Norway Maple | Acer platanoides | 40 | FG | FG |  | 5 | Union at 2 m | Remove |
| 17 | Green Ash | Fraxinus pennsylvanica | 37 | P | P | P | 3 | Epicormic branching, 95\% crown dieback, EAB infestation | Remove |
| 18 | Honey Locust cultivar | Gleditsia triacanthos var. 'inermis' | 34 | FG | G | G | 5 | Union at 2 m | Remove |
| 19 | Eastern White Cedar | Thuja occidentalis | 10 | G | FG | G | 2 | Union in crown | Remove |
| 20 | White Pine | Pinus strobus | 21 | G | G | G | 4 |  | Remove |
| 21 | Balsam Poplar | Populus balsamifera | 12 | FG | G | G | 3 | Stem wound | Remove |
| 22 | White Spruce | Picea glauca | 10 | G | G | G | 3 |  | Remove |
| 23 | Scots Pine | Pinus sylvestris | 24 | FG | G | G | 3 | Stem wounds | Remove |
| 24 | White Spruce | Picea glauca | 38 | G | G | G | 4 |  | Remove |
| 25 | Eastern White Cedar | Thuja occidentalis | 14, 10, 7 | FG | G | G | 1 | Union at ground | Remove |
| 26 | White Spruce | Picea glauca | $\sim 45$ | G | G | G | 5 |  | Remove |
| 27 | Juniper species | Juniperus sp. | 17, 19 | FG | G | G | 3 | Union at ground | Remove |
| 28 | White Pine | Pinus strobus | 30, 28 | F | FG | G | 5 | Union at 0.6 m with included bark | Remove |
| P29 | Refer to Appendix A |  |  |  |  |  |  |  | Remove |
| 30 | Juniper species | Juniperus sp. | $\begin{gathered} \sim 22,17, \\ 14 \\ \hline \end{gathered}$ | FG | G | G | 3 | Union at ground | Remove |
| 31 | White Spruce | Picea glauca | 15 | G | G | G | 3 |  | Remove |
| 32 | Balsam Poplar | Populus balsamifera | 16 | G | G | G | 3 |  | Remove |
| 33 | European Larch | Larix decidua | 14 | G | G |  | 3 |  | Remove |
| 34 | Eastern White Cedar | Thuja occidentalis | $\begin{gathered} \sim 18,15, \\ 13, \\ 10,10 \end{gathered}$ | FG | G | G | 3 | Union at ground | Remove |
| 35 | White Spruce | Picea glauca | 18 | G | G | G | 2 |  | Remove |


| Tree \# | Common Name | Scientific Name | DBH | TI | CS | CV | DL | Comments | Recom. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 36 | Balsam Poplar | Populus balsamifera | 10 | G | G | G | 3 |  | Remove |
| 37 | Balsam Poplar | Populus balsamifera | 16 | G | G | G | 3 |  | Remove |
| 38 | Balsam Poplar | Populus balsamifera | 17 | G | G | G | 3 |  | Remove |
| 39 | Little-leaf Linden | Tilia cordata | 45 | F | FG | G | 4 | stem wounds | Remove |
| 40 | Norway Maple | Acer platanoides | 34 | FG | FG | G | 4 | Union at 1.6 m , stem wound | Remove |
| 41 | Norway Maple | Acer platanoides | 32 | FG | G | G | 3 | Union at 2 m | Remove |
| 42 | Black Cherry | Prunus serotina | $\sim 55$ | G | G | G | 7 |  | Preserve |
| P43 | Eastern White Cedar | Thuja occidentalis | $\begin{aligned} & \sim 20-40, \\ & \text { Avg: } 30 \\ & \hline \end{aligned}$ | G | G | G | 4 | Mature Eastern White Cedar trees | Preserve |
| 44 | Basswood | Tilia americana | $\sim 55,45$ | F | F | F | 5 | 45 cm stem dead | Preserve |
| P45 | Refer to Appendix A |  |  |  |  |  |  | Group includes pine hedgerow up to the laneway | Preserve |
| P46 | Refer to Appendix A |  |  |  |  |  |  |  | Remove |
| P47 | Refer to Appendix A |  |  |  |  |  |  |  | Preserve |
| 48 | Trembling Aspen | Populus tremuloides | 16 | F | F | F | 3 | Hypoxylon canker | Remove |
| 49 | White Elm | Ulmus americana | 10 | G | FG | FG | 2 | Heavy grapevine competition | Preserve |
| 50 | Green Ash | Fraxinus pennsylvanica | 11 | FG | FG | G | 2 | Heavy grapevine competition | Preserve |
| P51 | Refer to Appendix A |  |  |  |  |  |  |  | Preserve |
| P52 | Refer to Appendix A |  |  |  |  |  |  |  | Remove |
| 53 | White Spruce | Picea glauca | ~16 | G | G | G | 3 |  | Preserve |
| 54 | Scots Pine | Pinus sy/vestris | ~20 | G | G | G | 3 |  | Preserve |
| 55 | White Pine | Pinus strobus | 15 | G | G | G | 3 |  | Remove |
| P56 | Refer to Appendix A |  |  |  |  |  |  |  | Preserve |
| 57 | White Pine | Pinus strobus | $\sim 24$ | G | G | G | 4 |  | Remove |
| 58 | White Pine | Pinus strobus | 17 | G | G | G | 3 |  | Remove |
| 59 | White Pine | Pinus strobus | 13 | G | G | G | 3 |  | Remove |
| 60 | White Pine | Pinus strobus | 23 | G | G | G | 3 |  | Remove |
| 61 | White Pine | Pinus strobus | 12 | G | G | G | 3 |  | Remove |
| 62 | White Pine | Pinus strobus | 18 | FG | FG | G | 3 | Union at 2 m | Remove |
| 63 | Willow species | Salix sp. | $\sim 25$ | G | G | G | 4 |  | Preserve |
| 64 | Basswood | Tilia americana | $\begin{gathered} \sim 50,50, \\ 40 \\ \hline \end{gathered}$ | F | FG | G | 6 | Union at ground | Preserve |
| P65 | Refer to Appendix A |  |  |  |  |  |  |  | Remove |
| P66 | Refer to Appendix A |  |  |  |  |  |  |  | Remove |
| P67 | Refer to Appendix A |  |  |  |  |  |  |  | Remove |
| P68 | Refer to Appendix A |  |  |  |  |  |  |  | Preserve |
| P69 | Refer to Appendix A |  |  |  |  |  |  |  | Remove |
| P70 | Refer to Appendix A |  |  |  |  |  |  |  | Remove |
| P71 | Refer to Appendix A |  |  |  |  |  |  |  | Remove |
| P72 | Refer to Appendix A |  |  |  |  |  |  |  | Remove |
| P73 | Refer to Appendix A |  |  |  |  |  |  |  | Remove |
| P74 | Refer to Appendix A |  |  |  |  |  |  |  | Remove |
| P75 | Refer to Appendix A |  |  |  |  |  |  |  | Remove |
| P76 | Refer to Appendix A |  |  |  |  |  |  |  | Remove |
| 77 | Manitoba Maple | Acer negundo | ~15 | G | G | G | 3 | Grapevine competition | Remove |
| 78 | Manitoba Maple | Acer negundo | ~15, 8 | F | F | F | 3 | Union at ground, stem woundrubbing on fence, heavy grapevine competition | Remove |


| Tree \# | Common Name | Scientific Name | DBH | TI | CS | CV | DL | Comments | Recom. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 79 | Manitoba Maple | Acer negundo | 41, 41 | F | F | F | 5 | Union at 0.5 m with included bark, broken branches, epicormic branching | Remove |
| 80 | Manitoba Maple | Acer negundo | 17 | F | F | F | 4 | Sweep, bowed - understorey | Remove |
| 81 | Norway Spruce | Picea abies | 85 | G | G | G | 5 |  | Remove |
| 82 | Green Ash | Fraxinus pennsy/vanica | 11 | FG | FG | FG | 3 | Understorey, crooks | Remove |
| 83 | Norway Spruce | Picea abies | 57 | G | G | G | 5 |  | Remove |
| 84 | Norway Spruce | Picea abies | 50 | G | G | G | 5 |  | Remove |
| 85 | Norway Spruce | Picea abies | 41 | F | FG | G | 4 | Heavy broken branches | Remove |
| 86 | White Spruce | Picea glauca | 50 | FG | FG | G | 4 | Union at 1.6 m | Remove |
| 87 | Norway Spruce | Picea abies | 53 | G | G | G | 5 |  | Remove |
| 88 | Norway Spruce | Picea abies | 55 | G | G | G | 5 |  | Remove |
| 89 | Black Cherry | Prunus serotina | 51 | FG | FG | G | 5 | Union at 2.5 m | Remove |
| 90 | Norway Spruce | Picea abies | 58 | G | G | G | 5 |  | Remove |
| 91 | Norway Spruce | Picea abies | 46 | G | G | G | 4 |  | Remove |
| 92 | Norway Spruce | Picea abies | $\sim 58$ | F | P | P | 4 | Stem wounds in crown, 70\% crown dieback | Remove |
| 93 | Manitoba Maple | Acer negundo | $\sim 60$ | P | P | P | 5 | Heavy stem wound/peeling bark, epicormic branching, broken branches, $60 \%$ crown dieback | Remove |
| 94 | Norway Spruce | Picea abies | 53 | FG | G | G | 5 | Lean, stem wound | Preserve |
| 95 | Norway Spruce | Picea abies | 59 | G | G | G | 6 |  | Preserve |
| 96 | White Pine | Pinus strobus | ~38 | G | G | G | 6 |  | Remove |
| 97 | Manitoba Maple | Acer negundo | ~14, 20 | F | F | FG | 6 | Union at 0.4 m , heavy pruning wound, understorey | Remove |
| 98 | Eastern White Cedar | Thuja occidentalis | ~11 | G | FG | FG | 2 | Understorey | Remove |
| 99 | Manitoba Maple | Acer negundo | $\sim 40,18$ | F | FG | FG | 6 | Union at ground, coppice growth | Remove |
| 100 | White Pine | Pinus strobus | 15 | FG | P | P | 3 | Top cut | Remove |
| 101 | Manitoba Maple | Acer negundo | 59 | PF | P | PF | 6 | Heavy broken branches, cavity at flare with heart rot, spiraling stem | Remove |
| 102 | Manitoba Maple | Acer negundo | 38, 33 | FG | G | G | 4 | Union at 0.6 m | Remove |
| 103 | Manitoba Maple | Acer negundo | $\begin{gathered} 22,14, \\ 20 \\ \hline \end{gathered}$ | F | G | G | 4 | Union at ground, lean | Remove |
| 104 | Manitoba Maple | Acer negundo | 21 | F | FG | G | 5 | Lean | Remove |
| 105 | Manitoba Maple | Acer negundo | 36 | F | FG | G | 5 | Lean, stem wound, broken branches | Remove |
| 106 | Apple species | Malus sp. | 37 | F | F | F | 5 | Crook, 20\% crown dieback | Remove |
| 107 | Manitoba Maple | Acer negundo | 25, 26 | PF | F | F | 5 | Union at ground, 1 stem failed | Remove |
| 108 | Manitoba Maple | Acer negundo | 20, 18 | FG | FG | FG | 5 | Union at ground, lean, epicormic branching | Remove |
| 109 | Apple species | Malus sp. | 36 | PF | F | F | 4 | Union at 1.8 m with cavities and heart rot, $20 \%$ crown dieback | Remove |
| 110 | Manitoba Maple | Acer negundo | 13 | FG | F | F | 3 | Bowed, 20\% crown dieback | Remove |
| 111 | Manitoba Maple | Acer negundo | 22 | F | FG | FG | 4 | Stem wounds - rubbing on trailer and fence | Remove |
| 112 | Manitoba Maple | Acer negundo | 22 | F | FG | G | 3 | Bowed | Remove |
| 113 | Manitoba Maple | Acer negundo | 11 | F | F | FG | 4 | Bowed, stem wound, understorey | Remove |
| 114 | Apple species | Malus sp. | 43 | FG | F | F | 4 | Seam, 20\% crown dieback | Remove |
| 115 | Manitoba Maple | Acer negundo | 47 | F | G | FG | 4 | Heavy stem wound from failed stem, epicormic branching | Remove |
| 116 | Manitoba Maple | Acer negundo | 11, 11 | F | G | G | 3 | Union at 0.4 m with included bark | Remove |
| 117 | Scots Pine | Pinus sylvestris | 50 | G | G | G | 4 |  | Remove |
| 118 | White Spruce | Picea glauca | 38 | G | G | G | 4 |  | Remove |


| Tree \# | Common Name | Scientific Name | DBH | TI | CS | CV | DL | Comments | Recom. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 119 | White Spruce | Picea glauca | 38 | G | G | G | 4 |  | Remove |
| 120 | Manitoba Maple | Acer negundo | $\begin{gathered} 16,12, \\ 20 \\ \hline \end{gathered}$ | FG | G | G | 4 | Union at ground | Remove |
| 121 | Manitoba Maple | Acer negundo | 20 | FG | G | G | 4 | Light sweep | Remove |
| 122 | Manitoba Maple | Acer negundo | 18 | F | FG | G | 4 | Sweep | Remove |
| 123 | White Spruce | Picea glauca | 18, 12 | FG | G | FG | 4 | Union at ground | Preserve |
| 124 | Eastern White Cedar | Thuja occidentalis | 19, 18 | F | FG | G | 3 | Union at 0.8 m | Preserve |
| 125 | Eastern White Cedar | Thuja occidentalis | 16, 6 | FG | FG | G | 3 | Union at ground | Preserve |
| 126 | Manitoba Maple | Acer negundo | ~30 | F | F | FG | 4 | Stem wound/peeling bark at union, pruning wounds | Preserve |
| 127 | Manitoba Maple | Acer negundo | 27 | FG | FG | G | 4 | Light lean | Preserve |
| 128 | Manitoba Maple | Acer negundo | 34 | F | FG | FG | 5 | Union at 1.6 m , lean | Preserve |
| 129 | White Spruce | Picea glauca | 36 | G | G | G | 4 | Grapevine competition | Preserve |
| 130 | Manitoba Maple | Acer negundo | $\begin{gathered} 16,9, \\ 10,8,9 \\ \hline \end{gathered}$ | F | FG | G | 4 | Union at ground | Preserve |
| 131 | Manitoba Maple | Acer negundo | 12 | FG | FG | G | 3 | Union at 1.6 m | Preserve |
| 132 | Manitoba Maple | Acer negundo | $\begin{gathered} \sim 14,8, \\ 11,8 \\ \hline \end{gathered}$ | F | F | F | 4 | Unions at ground and 1 m , heavy bow | Preserve |
| 133 | Manitoba Maple | Acer negundo | $\begin{gathered} \sim 10,9,9 \\ 8,11 \\ \hline \end{gathered}$ | F | FG | G | 4 | Union at ground, lean, | Preserve |
| 134 | Manitoba Maple | Acer negundo | $\sim 18,12$, | FG | FG | G | 4 | Union at ground | Remove |
| 135 | Manitoba Maple | Acer negundo | 20 | FG | FG | G | 3 | Union at 1.5 m | Remove |
| 136 | Manitoba Maple | Acer negundo | 21 | G | G | G | 4 | Coppice growth | Remove |
| 137 | Manitoba Maple | Acer negundo | 23, 11 | F | FG | G | 4 | Union at ground with included bark, spiralling stems, coppice growth | Remove |
| 138 | Manitoba Maple | Acer negundo | 19 | FG | FG | G | 4 | Lean, union in crown | Remove |
| 139 | Manitoba Maple | Acer negundo | ~55 | P | P | F | 4 | Heavy stem wound with heart rot, broken branches | Remove |
| 140 | Manitoba Maple | Acer negundo | $\sim 40,40$ | P | PF | PF | 6 | Failed stems lying on the ground | Remove |
| 141 | White Spruce | Picea glauca | 16 | G | G | G | 3 |  | Preserve |
| 142 | Sugar Maple | Acer saccharum | 34 | F | FG | G | 5 | Union at 2 m with included bark | Preserve |
| 143 | Manitoba Maple | Acer negundo | 22 | FG | G | G | 4 | Lean | Preserve |
| 144 | Apple species | Malus sp. | 25 | F | FG | F | 4 | Union at 1.3 m with cavity and heart rot | Preserve |
| 145 | White Spruce | Picea glauca | 34 | G | G | G | 4 |  | Remove |
| 146 | White Spruce | Picea glauca | 41 | G | G | G | 4 |  | Remove |
| 147 | White Spruce | Picea glauca | 16 | FG | FG | FG | 3 |  | Remove |
| 148 | White Spruce | Picea glauca | 42 | G | G | G | 4 |  | Remove |
| 149 | White Spruce | Picea glauca | 32 | G | G | G | 4 |  | Remove |
| 150 | White Spruce | Picea glauca | 33 | G | G | G | 4 |  | Preserve |
| 151 | White Spruce | Picea glauca | 36 | G | G | G | 4 |  | Preserve |
| 152 | White Spruce | Picea glauca | 32 | G | G | G | 3 |  | Preserve |
| 153 | Norway Spruce | Picea abies | 32 | G | G | G | 5 |  | Preserve |
| 154 | Norway Spruce | Picea abies | 54 | G | G | G | 5 |  | Preserve |
| 155 | White Spruce | Picea glauca | 30 | F | G | G | 4 | Stem wound | Preserve |
| 156 | White Spruce | Picea glauca | 48 | G | G | G | 6 |  | Preserve |
| 157 | White Spruce | Picea glauca | ~28, 18 | FG | FG | G | 4 | Union at ground | Preserve |
| 158 | Norway Spruce | Picea abies | 31 | G | G | G | 4 |  | Preserve |
| 159 | Norway Spruce | Picea abies | 51 | G | G | G | 5 |  | Preserve |
| 160 | Norway Spruce | Picea abies | 50 | G | G | G | 4 |  | Preserve |


| Tree \# | Common Name | $\begin{gathered} \hline \text { Scientific } \\ \text { Name } \\ \hline \end{gathered}$ | DBH | TI | CS | CV | DL | Comments | Recom. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 161 | White Spruce | Picea glauca | $\begin{gathered} \hline 16,14, \\ 11 \end{gathered}$ | FG | G | G | 4 | Union at ground | Remove |
| 162 | Manitoba Maple | Acer negundo | 23 | FG | FG | G | 4 | Crook, epicormic branching | Remove |
| 163 | Apple species | Malus sp. | 51 | FG | FG | FG | 5 | Union at $1.6 \mathrm{~m}, 10 \%$ crown dieback | Remove |
| 164 | White Spruce | Picea glauca | 19 | G | G | FG | 4 | 10\% crown dieback | Remove |
| 165 | Sugar Maple | Acer saccharum | 33 | F | FG | G | 4 | Seam, stem wound, vertical scaffold limb | Remove |
| 166 | Apple species | Malus sp. | 28,33 | P | P | P | 3 | Union at 0.6 m , stem failed at 3.5 m | Preserve |
| 167 | Manitoba Maple | Acer negundo | 10,5 | G | G | G | 3 | Union at ground | Preserve |
| 168 | Manitoba Maple | Acer negundo | 12 | G | G | G | 3 |  | Preserve |
| 169 | Blue Spruce | Picea pungens | 23 | G | G | FG | 3 | 10\% crown dieback | Preserve |
| 170 | Sugar Maple | Acer saccharum | 33 | F | FG | G | 5 | Union at 0.4 m with seam/included bark | Preserve |
| 171 | Sugar Maple | Acer saccharum | 23, 14 | FG | G | G | 5 | Union at 1.1 m | Preserve |
| 172 | Sugar Maple | Acer saccharum | 28 | G | G | G | 5 |  | Preserve |
| 173 | Manitoba Maple | Acer negundo | $\begin{gathered} 14,10, \\ 11,12, \\ 144 \end{gathered}$ | F | F | FG | 4 | Union at ground with included bark | Preserve |
| 174 | Manitoba Maple | Acer negundo | $\begin{gathered} 18,10, \\ 16,14, \\ 19 \\ \hline \end{gathered}$ | F | FG | G | 4 | Union at ground | Preserve |
| 175 | Blue Spruce | Picea pungens | 32 | G | G | G | 3 |  | Preserve |
| 176 | Manitoba Maple | Acer negundo | $\begin{gathered} 63,45, \\ 62 \end{gathered}$ | F | F | F | 7 | Stem wound, 45 cm stem topped, possible weak union | Preserve |
| 177 | Apple species | Malus sp. | 23 | F | FG | FG | 3 | Union at 1.6 m , lean, understorey | Preserve |
| 178 | White Spruce | Picea glauca | 19 | G | G | G | 3 |  | Preserve |
| 179 | Manitoba Maple | Acer negundo | ~90 | P | P | F | 6 | Top of crown failed, heavy stem wound with heavy heart rot, lean towards road, hazard - remove | Remove |
| P180 | Refer to Appendix A |  |  |  |  |  |  |  | Remove/ Preserve |
| P181 | Refer to Appendix A |  |  |  |  |  |  | Tree grouping straddles the property line, some trees in row some are on private property | Remove |
| 182 | White Pine | Pinus strobus | 20 | G | G | G | 3 |  | Remove |
| 183 | Eastern White Cedar | Thuja occidentalis | 10 | G | FG | G | 2 | Union at 1.7 m | Remove |
| 184 | Eastern White Cedar | Thuja occidentalis | 12 | G | G | G | 2 |  | Remove |
| 185 | Scots Pine | Pinus sylvestris | 10 | G | G | G | 3 |  | Remove |
| 186 | White Pine | Pinus strobus | 16 | FG | FG | G | 3 | Union at 1.5 m | Remove |
| 187 | White Pine | Pinus strobus | 17 | FG | G | G | 3 | Crook | Remove |
| 188 | Scots Pine | Pinus sylvestris | 19 | G | G | G | 3 |  | Remove |
| 189 | Scots Pine | Pinus sylvestris | $\sim 10,12$ | FG | FG | G | 3 | Union at 1 m | Remove |
| 190 | Scots Pine | Pinus sy/vestris | 20 | G | G | G | 3 |  | Remove |
| 191 | Eastern White Cedar | Thuja occidentalis | 12 | G | G | G | 2 |  | Remove |
| 192 | White Pine | Pinus strobus | 17 | G | FG | G | 4 | Crook | Remove |
| 193 | Trembling Aspen | Populus tremuloides | 11 | G | G | G | 2 |  | Remove |
| 194 | Trembling Aspen | Populus tremuloides | 10 | G | G | G | 2 |  | Remove |
| 195 | Manitoba Maple | Acer negundo | 18 | FG | FG | G | 3 | Lean | Remove |
| P196 | Eastern White Cedar | Thuja occidentalis | $\begin{aligned} & \sim 10-20, \\ & \text { avg 15, } \end{aligned}$ | F | F | FG | 3 | Unions at ground, 22 cedar trees in group | Preserve |
|  | Trembling Aspen | Populus tremuloides | $\sim 30$ | G | G | G | 4 | 1 tree | Preserve |
|  | Manitoba Maple | Acer negundo | $\sim 15$ | F | FG | G | 3 | Bowed, 1 tree | Preserve |


| Tree \# | Common Name | Scientific Name | DBH | TI | CS | CV | DL | Comments | Recom. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 197 | Scots Pine | Pinus sylvestris | 12 | G | G | G | 2 |  | Remove |
| P198 | Eastern White Cedar | Thuja occidentalis | $\begin{gathered} \sim 12-25 \\ \text { avg17 } \\ \hline \end{gathered}$ | FG | FG | G | 3 | Eastern White cedar hedge, unions at ground | Preserve |
|  | Blue Spruce | Picea pungens | $\sim 20$ | G | G | G | 3 | 1 tree | Preserve |
|  | Blue Spruce | Picea pungens | $\sim 15$ | G | G | G | 3 | 1 tree | Preserve |
| 199 | Eastern White Cedar | Thuja occidentalis | $\sim 11,13$ | FG | FG | G | 2 | Union at ground | Preserve |
| 200 | Green Ash | Fraxinus pennsylvanica | ~15 | G | G | G | 3 |  | Preserve |
| 201 | White Elm | Ulmus americana | ~10, 13 | FG | G | G | 3 | Union at ground | Preserve |
| 202 | Green Ash | Fraxinus pennsy/vanica | 40 | F | P | P | 4 | 50\% crown dieback, EAB infestation | Preserve |
| 203 | Green Ash | Fraxinus pennsylvanica | 36 | F | F | PF | 5 | Stem wound, 30\% crown dieback, EAB infestation | Preserve |
| 204 | Green Ash | Fraxinus pennsylvanica | $\sim 45$ | F | F | PF | 5 | 30\% crown dieback, EAB infestation | Preserve |
| 205 | Balsam Poplar | Populus balsamifera | 13 | G | G | G | 3 |  | Preserve |
| 206 | White Elm | Ulmus americana | 10 | G | FG | G | 2 | Epicormic branching | Remove |
| 207 | Green Ash | Fraxinus pennsy/vanica | 18 | FG | G | G | 3 | Seam | Remove |
| P208 | Refer to Appendix A |  |  |  |  |  |  |  | Remove |
| P209 | Refer to Appendix A |  |  |  |  |  |  |  | Remove |
| P210 | Refer to Appendix A |  |  |  |  |  |  |  | Remove |
| 211 | Green Ash | Fraxinus pennsylvanica | 13 | FG | G | G | 3 | Seam | Remove |
| 212 | Green Ash | Fraxinus pennsy/vanica | 12 | F | FG | FG | 2 | Stem wounds/peeling bark, EAB infestation | Remove |
| 213 | Green Ash | Fraxinus pennsylvanica | 12, 7 | FG | G | G | 3 | Union at ground | Remove |
| 214 | Green Ash | Fraxinus pennsy/vanica | 23 | FG | F | F | 3 | Stem wounds/peeling bark, 20\% dieback, EAB infestation | Remove |
| 215 | Green Ash | Fraxinus pennsylvanica | 11, 12 | F | F | PF | 3 | Union at ground, 20\% dieback, peeling bark, EAB infestation | Remove |
| 216 | Green Ash | Fraxinus pennsylvanica | 14 | F | F | F | 3 | Stem wounds/peeling bark, chlorotic, EAB infestation | Remove |
| 217 | Green Ash | Fraxinus pennsylvanica | 14, 15 | F | F | F | 3 | Union at 0.9 m , peeling bark, EAB infestation | Remove |
| P218 | Refer to Appendix A |  |  |  |  |  |  |  | Remove |
| 219 | Manitoba Maple | Acer negundo | 10, 10 | FG | G | G | 3 | Union at 1.1 m | Remove |
| 220 | Apple species | Malus sp. | 10, 8 | FG | G | G | 3 | Union at ground | Remove |
| 221 | Apple species | Malus sp. | 10, 10 | FG | G | G | 3 | Union at ground | Remove |
| 222 | Apple species | Malus sp. | 12, 8 | FG | G | G | 3 | Union at ground | Remove |
| 223 | Apple species | Malus sp. | 20, 20, 8 | FG | FG | G | 4 | Union at ground | Remove |
| 224 | Apple species | Malus sp. | 11, 11 | FG | G | G | 3 | Union at 1 m | Remove |
| 225 | Apple species | Malus sp. | 11, 11, 9 | F | FG | G | 3 | Union at ground, heavy sweep | Remove |
| 226 | Manitoba Maple | Acer negundo | 25 | G | G | G | 4 |  | Remove |
| 227 | Manitoba Maple | Acer negundo | 18, 14 | FG | G | G | 4 | Union at ground | Remove |
| 228 | Manitoba Maple | Acer negundo | 16, 13 | FG | G | G | 3 | Union at 0.3 m | Remove |
| 229 | Manitoba Maple | Acer negundo | $\begin{aligned} & 17,17, \\ & 13,12 \end{aligned}$ | F | FG | G | 4 | Union at ground, coppice growth | Remove |
| 230 | Manitoba Maple | Acer negundo | 19, 6, 5 | FG | FG | G | 4 | Union at ground, coppice growth | Remove |
| 231 | Manitoba Maple | Acer negundo | 10, 9, 12 | F | FG | G | 4 | Union at ground | Remove |
| 232 | Manitoba Maple | Acer negundo | ~20 | P | PF | F | 4 | Stems failed at 1.5 m | Remove |
| 233 | Manitoba Maple | Acer negundo | 22, 8, 8 | F | FG | G | 4 | Union at ground | Remove |
| 234 | Manitoba Maple | Acer negundo | 10 | F | G | G | 3 | Union at 1.7 m , lean | Remove |


| Tree \# | Common Name | Scientific Name | DBH | TI | CS | CV | DL | Comments | Recom. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 235 | Apple species | Malus sp. | 12, 7 | FG | FG | G | 3 | Union at 0.3 m | Remove |
| 236 | Apple species | Malus sp. | $\begin{gathered} 29,18, \\ 10 \\ \hline \end{gathered}$ | P | PF | F | 5 | 2 stems failed and lying on the ground | Remove |
| 237 | Apple species | Malus sp. | 10, 11 | FG | G | G | 3 | Union at ground | Remove |
| 238 | Apple species | Malus sp. | $\begin{aligned} & 22,28, \\ & 20,20 \end{aligned}$ | F | FG | G | 4 | Union at ground | Remove |
| 239 | Manitoba Maple | Acer negundo | 29, 14 | F | FG | G | 4 | Union at ground | Remove |
| 240 | Manitoba Maple | Acer negundo | $\begin{aligned} & 10,11, \\ & 8,10,7 \\ & \hline \end{aligned}$ | PF | F | FG | 3 | Union at ground with heavy sweep | Remove |
| 241 | Basswood | Tilia americana | $\begin{gathered} 32,32, \\ 33 \end{gathered}$ | F | FG | FG | 5 | Union at ground | Remove |
| 242 | Manitoba Maple | Acer negundo | 12, 14 | FG | FG | G | 3 | Union at ground, coppice growth | Remove |
| 243 | Manitoba Maple | Acer negundo | $\begin{gathered} \hline 13,7,9, \\ 7 \end{gathered}$ | F | FG | FG | 3 | Union at ground, coppice growth | Remove |
| 244 | Manitoba Maple | Acer negundo | 10, 8 | F | FG | G | 3 | Union at ground, coppice growth | Remove |
| 245 | Manitoba Maple | Acer negundo | 11, 8, 7 | F | FG | G | 3 | Union at ground, coppice growth | Remove |
| 246 | Manitoba Maple | Acer negundo | $\begin{gathered} 13,11, \\ 9,7 \\ \hline \end{gathered}$ | F | FG | G | 3 | Union at ground | Remove |
| 247 | Manitoba Maple | Acer negundo | 12 | F | FG | FG | 3 | Stem wounds | Remove |
| 248 | Apple species | Malus sp. | $\begin{gathered} 12,10, \\ 8,7 \end{gathered}$ | F | FG | G | 3 | Union at ground | Remove |
| 249 | Apple species | Malus sp. | 10 | G | G | G | 3 |  | Remove |
| P250 | Refer to Appendix A |  |  |  |  |  |  |  | Remove |
| 251 | Manitoba Maple | Acer negundo | 12 | FG | G | G | 3 | Coppice | Remove |
| 252 | Manitoba Maple | Acer negundo | 13 | G | G | G | 3 |  | Remove |
| 253 | Manitoba Maple | Acer negundo | 13 | G | G | G | 3 | Light lean, coppice growth | Remove |
| 254 | Manitoba Maple | Acer negundo | $\begin{aligned} & \hline 16,16, \\ & 13,12 \\ & \hline \end{aligned}$ | FG | FG | G | 4 | Unions at ground and 0.5 m | Remove |
| 255 | Manitoba Maple | Acer negundo | $\begin{gathered} 16,13, \\ 10 \end{gathered}$ | PF | F | FG | 4 | Union at ground with heavy sweep | Remove |
| 256 | Manitoba Maple | Acer negundo | $\begin{gathered} 25,17, \\ 41 \end{gathered}$ | P | P | P | 10 | Main stem lying on the ground | Remove |
| 257 | Sugar Maple | Acer saccharum | 72 | G | G | G | 7 |  | Remove |
| 258 | Eastern White Cedar | Thuja occidentalis | 124, 12 | FG | FG | FG | 2 | Union at ground, understorey | Remove |
| 259 | Eastern White Cedar | Thuja occidentalis | 16, 8 | F | F | F | 2 | Union at 0.3 m , understorey | Remove |
| 260 | Sugar Maple | Acer saccharum | 52 | P | P | P | 6 | Heavy stem wound, broken branches, $50 \%$ crown dieback | Remove |
| 261 | Silver Maple | Acer saccharinum | 129 | F | FG | G | 15 | Union at 1.8 m , girdling root, dbh measured at 0.5 m due to massive flaring union | Remove |
| 262 | Apple species | Malus sp. | 38, 45 | P | F | F | 6 | Union at ground - likely used to be 1 stem, heavy stem wound with heart rot, 10\% crown dieback | Remove |
| 263 | Sugar Maple | Acer saccharum | 50 | G | FG | G | 6 | Union at base of crown, pruning wounds | Remove |
| 264 | White Spruce | Picea glauca | $\sim 55$ | P | PF | PF | 4 | Heavy cavity with heart rot, $50 \%$ crown dieback | Remove |
| 265 | Manitoba Maple | Acer negundo | 28 | FG | G | G | 5 | Lean | Remove |
| 266 | Silver Maple | Acer saccharinum | $\begin{gathered} 11,11, \\ 10,10, \\ 8,8 \end{gathered}$ | F | FG | G | 4 | Union at ground | Remove |
| P267 | Refer to Appendix A |  |  |  |  |  |  |  | Remove |
| P268 | Refer to Appendix A |  |  |  |  |  |  |  | Remove |
| 269 | White Spruce | Picea glauca | 19 | G | G | G | 3 |  | Remove |
| 270 | White Spruce | Picea glauca | 20 | G | G | G | 3 |  | Remove |
| 271 | White Spruce | Picea glauca | 16 | G | G | G | 3 |  | Remove |


| Tree <br> $\#$ | Common Name | Scientific <br> Name | DBH | TI | CS | CV | DL | Comments | Recom. |
| :---: | :--- | :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 272 | Sugar Maple | Acer saccharum | 89 | F | FG | G | 7 | Union at 2 m with seam and stem <br> wound with fruiting bodies | Remove |
| P273 | Refer to Appendix A |  |  | Remove |  |  |  |  |  |

## Table Legend

| DBH | Diameter at Breast Height (cm) |
| :---: | :--- |
| TI | Trunk Integrity (G, F, P) |
| CS | Crown Structure (G, F, P) |
| CV | Crown Vigor (G, F, P) |
| DL | Dripline (m) |
| Recom. | Recommendation (preserve/remove) |
| G | Good |
| F | Fair |
| P | Poor |
| EAB | Emerald Ash Borer |

## Appendix A - Tree Polygon Tally Sheets

| Tree \# | Species | 10-19 cm |  |  | 20-29 cm |  |  | 30-39 cm |  |  | 40-49 cm |  |  | 50-59 cm |  |  | 60-69 cm |  |  | 70-79 cm |  |  | $80-89 \mathrm{~cm}$ |  |  | 90-99 cm |  |  | 100-109 cm |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | G | F | P | G | F | P | G | F | P | G | F | P | G | F | P | G | F | P | G | F | P | G | F | P | G | F | P | G | F | $\mathbf{P}$ |
| P29 | Juniper species (Juniperus sp.) | 1 | 3 |  |  | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | White Pine (Pinus strobus) |  |  |  | 3 |  |  | 5 | 2 |  | 2 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Eastern White Cedar (Thuja occidentalis) | 1 | 3 |  |  |  |  | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Green Ash (Fraxinus pennsylvanica) |  | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | White Spruce (Picea glauca) | 3 |  |  |  |  |  | 1 | 1 |  | 3 |  |  | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Scots Pine (Pinus sylvestris) |  |  |  |  | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Apple species (Malus sp.) | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Balsam Poplar (Populus balsamifera) | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Totals: | 7 | 7 | 0 | 3 | 2 | 0 | 7 | 3 | 0 | 5 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |



| Tree \# | Species | 10-19 cm |  |  | $20-29 \mathrm{~cm}$ |  |  | 30-39 cm |  |  | $40-49 \mathrm{~cm}$ |  |  | $50-59 \mathrm{~cm}$ |  |  | 60-69 cm |  |  | 70-79 cm |  |  | $80-89 \mathrm{~cm}$ |  |  | 90-99 cm |  |  | 100-109 cm |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | G | F | P | G | F | P | G | F | P | G | F | P | G | F | P | G | F | P | G | F | P | G | F | P | G | F | P | G | F | P |
| P46 | White Pine (Pinus strobus) |  | 1 | 1 |  |  |  | 2 | 1 | 1 | 4 | 1 |  | 6 | 2 |  |  |  |  |  |  | 1 |  |  |  |  |  |  |  |  |  |
|  | White Spruce (Picea glauca) | 2 | 1 |  | 5 | 1 |  | 12 | 1 |  | 1 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Black Cherry (Prunus serotina) |  |  |  | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Totals: | 2 | 2 | 1 | 6 | 1 | 0 | 14 | 2 | 1 | 5 | 2 | 0 | 6 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |



| Tree \# | Species | $10-19 \mathrm{~cm}$ |  |  | $20-29 \mathrm{~cm}$ |  |  | 30-39 cm |  |  | $40-49 \mathrm{~cm}$ |  |  | 50-59 cm |  |  | 60-69 cm |  |  | 70-79 cm |  |  | $80-89 \mathrm{~cm}$ |  |  | 90-99 cm |  |  | 100-109 cm |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | G | F | P | G | F | P | G | F | P | G | F | P | G | F | P | G | F | P | G | F | P | G | F | P | G | F | P | G | F | $\mathbf{P}$ |
| P51 | White Spruce (Picea glauca) | 2 |  |  | 3 |  |  | 7 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | White Elm (Ulmus americana) | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Balsam Poplar (Populus balsamifera) | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Black Cherry (Prunus serotina) | 2 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Black Walnut (Juglans nigra) | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Scots Pine (Pinus sylvestris) |  |  |  | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Blue Spruce (Picea pungens) |  |  |  | 2 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Green Ash (Fraxinus pennsylvanica) |  | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Totals: | 7 | 1 | 0 | 6 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |



| Tree \# | Species | $10-19 \mathrm{~cm}$ |  |  | $20-29 \mathrm{~cm}$ |  |  | 30-39 cm |  |  | $40-49 \mathrm{~cm}$ |  |  | $50-59 \mathrm{~cm}$ |  |  | 60-69 cm |  |  | $70-79 \mathrm{~cm}$ |  |  | $80-89 \mathrm{~cm}$ |  |  | $90-99 \mathrm{~cm}$ |  |  | 100-109 cm |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | G | F | P | G | F | P | G | F | P | G | F | P | G | F | P | G | F | P | G | F | P | G | F | P | G | F | P | G | F | P |
|  | White Spruce (Picea glauca) | 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| P56 | White Pine (Pinus strobus) | 1 |  |  |  | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Totals: | 12 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |



| Tree \# | Species | 10-19 cm |  |  | 20-29 cm |  |  | 30-39 cm |  |  | $40-49 \mathrm{~cm}$ |  |  | $50-59 \mathrm{~cm}$ |  |  | $60-69 \mathrm{~cm}$ |  |  | $70-79 \mathrm{~cm}$ |  |  | $80-89 \mathrm{~cm}$ |  |  | $90-99 \mathrm{~cm}$ |  |  | 100-109 cm |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | G | F | P | G | F | P | G | F | P | G | F | P | G | F | P | G | F | P | G | F | P | G | F | P | G | F | $\mathbf{P}$ | G | F | $\mathbf{P}$ |
| P66 | Black Cherry (Prunus serotina) |  |  |  | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Sugar Maple (Acer saccharum) | 1 | 1 |  | 2 |  |  | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Green Ash (Fraxinus pennsylvanica) | 6 | 5 | 1 |  | 1 | 1 |  |  |  |  |  | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Apple species <br> (Malus sp.) | 1 | 5 |  |  | 1 |  |  | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | White Elm (Ulmus americana) | 6 |  |  | 1 | 1 | 1 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Mountain Ash species (Sorbus sp.) |  |  | 2 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Totals: | 14 | 11 | 3 | $4 \quad 3$ |  | 2 | 2 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |




| Tree \# | Species | 10-19 cm |  |  | 20-29 cm |  |  | 30-39 cm |  |  | $40-49 \mathrm{~cm}$ |  |  | $50-59 \mathrm{~cm}$ |  |  | 60-69 cm |  |  | 70-79 cm |  |  | $80-89 \mathrm{~cm}$ |  |  | 90-99 cm |  |  | 100-109 cm |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | G | F | P | G | F | P | G | F | P | G | F | P | G | F | P | G | F | P | G | F | P | G | F | P | G | F | P | G | F | P |
| P69 | White Elm (Ulmus americana) |  |  |  |  | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Green Ash (Fraxinus pennsylvanica) |  | 1 |  |  |  | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Willow species (Salix sp.) | 7 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Manitoba Maple (Acer negundo) | 5 | 1 | 1 |  | 1 |  |  | 1 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Apple species (Malus sp.) |  |  |  |  |  |  |  | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Black Cherry (Prunus serotina) |  |  |  |  |  |  |  | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Totals: | 12 | 3 | 1 | 0 | 2 | 1 | 0 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |



| Tree \# | Species | 10-19 cm |  |  | 20-29 cm |  |  | 30-39 cm |  |  | $40-49 \mathrm{~cm}$ |  |  | 50-59 cm |  |  | 60-69 cm |  |  | $70-79 \mathrm{~cm}$ |  |  | $80-89 \mathrm{~cm}$ |  |  | 90-99 cm |  |  | 100-109 cm |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | G | F | P | G | F | P | G | F | P | G | F | P | G | F | P | G | F | P | G | F | P | G | F | P | G | F | P | G | F | P |
| P71 | Manitoba Maple (Acer negundo) |  |  |  | 1 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Green Ash (Fraxinus pennsylvanica) | 4 | 23 | 9 |  | 1 |  |  |  |  |  |  | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Black Cherry (Prunus serotina) |  |  |  |  | 1 |  |  | 2 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Mountain Ash species (Sorbus sp.) | 1 | 2 | 2 |  | 1 | 3 |  |  | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Apple species (Malus sp.) |  |  | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Sugar Maple (Acer saccharum) | 1 |  |  | 1 |  |  |  |  |  | 1 |  |  | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Notes: | Totals: <br> Approximately | $\begin{gathered} 6 \\ 70 \% \end{gathered}$ | $25$ <br> f the | $12$ | $2$ | $4$ | $3$ | $\begin{gathered} 0 \\ \text { erty } \end{gathered}$ | 2 | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |


| Tree \# | Species | 10-19 cm |  |  | 20-29 cm |  |  | 30-39 cm |  |  | $40-49 \mathrm{~cm}$ |  |  | $50-59 \mathrm{~cm}$ |  |  | 60-69 cm |  |  | 70-79 cm |  |  | 80-89 cm |  |  | 90-99 cm |  |  | 100-109 cm |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | G | F | P | G | F | P | G | F | P | G | F | P | G | F | P | G | F | P | G | F | P | G | F | P | G | F | P | G | F | P |
| P72 | Mountain Ash species (Sorbus sp.) |  | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Sugar Maple (Acer saccharum) | 3 |  |  | 1 |  |  | 2 |  |  | 2 | 2 |  | 1 | 1 |  |  |  |  | 1 |  |  |  |  |  |  |  |  |  |  |  |
|  | Apple species (Malus sp.) |  | 2 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Basswood (Tilia americana) | 7 | 4 | 1 | 1 |  |  | 1 | 5 |  |  | 2 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Black Cherry (Prunus serotina) |  |  |  | 2 | 1 |  | 3 |  |  | 1 | 1 |  |  | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Green Ash (Fraxinus pennsylvanica) | 3 | 5 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | White Elm (Ulmus americana) |  |  |  |  |  |  |  |  |  | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Manitoba Maple (Acer negundo) | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |  |
|  | Willow species (Salix sp.) |  | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Totals: 14 |  |  | 13 | 1 | 4 | 1 | 0 | 6 | 5 | 0 | 4 | 5 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |


| Tree \# | Species | 10-19 cm |  |  | 20-29 cm |  |  | 30-39 cm |  |  | 40-49 cm |  |  | 50-59 cm |  |  | 60-69 cm |  |  | $70-79 \mathrm{~cm}$ |  |  | $80-89 \mathrm{~cm}$ |  |  | 90-99 cm |  |  | 100-109 cm |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | G | F | P | G | F | P | G | F | P | G | F | P | G | F | P | G | F | P | G | F | P | G | F | P | G | F | P | G | F | $\mathbf{P}$ |
| P73 | Green Ash (Fraxinus pennsylvanica) | 3 | 13 | 7 |  | 6 | 2 |  |  |  |  |  |  |  |  | 1 |  |  | 1 |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Sugar Maple (Acer saccharum) |  |  |  |  |  |  | 2 |  |  | 1 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | White Elm (Ulmus americana) | 5 | 1 | 1 | 2 | 1 |  | 1 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | White Pine (Pinus strobus) |  |  |  |  |  |  |  | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Black Cherry (Prunus serotina) | 2 | 1 | 1 |  | 1 | 1 | 2 | 1 |  |  | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Mountain Ash species (Sorbus sp.) |  |  |  |  |  |  |  |  |  |  | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Apple species (Malus sp.) |  |  |  | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Notes: | Dozens of dead Ash trees in hedgerow |  |  |  | ${ }^{3}$ | 8 | 3 | 5 | 3 | 0 | 1 | 3 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |


| Tree \# | Species | 10-19 cm |  |  | 20-29 cm |  |  | 30-39 cm |  |  | $40-49 \mathrm{~cm}$ |  |  | $50-59 \mathrm{~cm}$ |  |  | 60-69 cm |  |  | 70-79 cm |  |  | $80-89 \mathrm{~cm}$ |  |  | 90-99 cm |  |  | 100-109 cm |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | G | F | P | G | F | P | G | F | P | G | F | P | G | F | P | G | F | P | G | F | P | G | F | P | G | F | P | G | F | P |
| P74 | Black Cherry (Prunus serotina) | 10 | 2 |  | 1 | 1 | 1 | 2 |  |  |  | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Green Ash (Fraxinus pennsylvanica) |  | 2 | 62 |  | 3 | 2 |  |  | 5 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Manitoba Maple (Acer negundo) |  | 1 |  |  | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Sugar Maple (Acer saccharum) | 5 | 1 |  | 1 |  | 1 |  | 1 |  | 2 | 1 |  | 3 |  |  | 2 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | White Elm (Ulmus americana) |  |  |  | 2 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Apple species (Malus sp.) | 1 | 3 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Totals: | 16 | 9 | 62 | 4 | 5 | 4 | 2 | 1 | 5 | 2 | 2 | 0 | 3 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |


| Tree \# | Species | 10-19 cm |  |  | 20-29 cm |  |  | 30-39 cm |  |  | $40-49 \mathrm{~cm}$ |  |  | $50-59 \mathrm{~cm}$ |  |  | 60-69 cm |  |  | 70-79 cm |  |  | $80-89 \mathrm{~cm}$ |  |  | 90-99 cm |  |  | 100-109 cm |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | G | F | P | G | F | P | G | F | P | G | F | P | G | F | P | G | F | P | G | F | P | G | F | P | G | F | P | G | F | P |
| P75 | Green Ash (Fraxinus pennsylvanica) |  |  |  |  |  |  |  |  |  |  | 3 |  |  |  |  |  |  |  |  |  | 1 |  |  |  |  |  |  |  |  |  |
|  | Eastern White Cedar (Thuja occidentalis) |  |  |  |  |  |  |  |  | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Manitoba Maple (Acer negundo) |  | 1 |  | 1 | 1 |  |  | 2 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Apple species (Malus sp.) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  Totals: $\mathbf{0} \quad \mathbf{1}$ <br> Notes: Heavy grapevine competition  |  |  |  | 0 | 1 | 1 | 0 | 0 | 2 | 1 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | $0$ |  |  |  0 0 0 0 0 0 0 |  |  |  |  |



| Tree \# | Species | 10-19 cm |  |  | 20-29 cm |  |  | 30-39 cm |  |  | $40-49 \mathrm{~cm}$ |  |  | 50-59 cm |  |  | 60-69 cm |  |  | 70-79 cm |  |  | $80-89 \mathrm{~cm}$ |  |  | 90-99 cm |  |  | 100-109 cm |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | G | F | P | G | F | P | G | F | P | G | F | P | G | F | P | G | F | P | G | F | P | G | F | P | G | F | P | G | F | P |
| P180 | Eastern White Cedar (Thuja occidentalis) | 9 | 9 |  |  | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | White Spruce (Picea glauca) | 2 | 1 |  | 1 |  |  |  |  |  |  |  |  |  |  |  | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | White Pine (Pinus strobus) |  |  |  | 1 |  |  | 4 |  |  | 2 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Manitoba Maple (Acer negundo) | 1 | 4 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Norway Spruce (Picea abies) |  |  |  | 1 |  |  | 1 |  |  | 1 |  |  | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Apple species (Malus sp.) |  |  |  |  |  | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Red Pine(Pinus resinosa) |  |  |  |  | 2 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Green Ash (Fraxinus pennsylvanica) |  |  |  |  | 1 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  Totals: 12 14 $\mathbf{0}$ |  |  |  |  | 3 | 4 | 2 | 5 | 0 | 0 | 3 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |




| Tree \# | Species | 10-19 cm |  |  | 20-29 cm |  |  | 30-39 cm |  |  | $40-49 \mathrm{~cm}$ |  |  | $50-59 \mathrm{~cm}$ |  |  | $60-69 \mathrm{~cm}$ |  |  | 70-79 cm |  |  | $80-89 \mathrm{~cm}$ |  |  | 90-99 cm |  |  | 100-109 cm |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | G | F | P | G | F | P | G | F | P | G | F | P | G | F | P | G | F | P | G | F | P | G | F | P | G | F | P | G | F | P |
| P209 | Green Ash (Fraxinus pennsylvanica) | 38 | 19 | 1 |  | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Apple species (Malus sp.) |  | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Scots Pine (Pinus sylvestris) |  |  | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | White Elm (Ulmus americana) | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | White Pine (Pinus strobus) | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Totals: | 40 | 20 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |

Notes:

| Tree \# | Species | 10-19 cm |  |  | 20-29 cm |  |  | 30-39 cm |  |  | $40-49 \mathrm{~cm}$ |  |  | $50-59 \mathrm{~cm}$ |  |  | 60-69 cm |  |  | 70-79 cm |  |  | 80-89 cm |  |  | $90-99 \mathrm{~cm}$ |  |  | 100-109 cm |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | G | F | P | G | F | P | G | F | P | G | F | P | G | F | P | G | F | P | G | F | P | G | F | P | G | F | P | G | F | P |
| P210 | Sugar Maple (Acer saccharum) |  | 1 |  |  |  |  |  |  | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Green Ash (Fraxinus pennsylvanica) | 5 | 6 | 6 |  |  | 1 |  | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Black Cherry (Prunus serotina) |  |  |  |  |  |  |  |  |  | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Totals: | 5 | 7 | 6 | 0 | 0 | 1 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |


| Tree \# | Species | 10-19 cm |  |  | 20-29 cm |  |  | 30-39 cm |  |  | $40-49 \mathrm{~cm}$ |  |  | $50-59 \mathrm{~cm}$ |  |  | 60-69 cm |  |  | $70-79 \mathrm{~cm}$ |  |  | $80-89 \mathrm{~cm}$ |  |  | $90-99 \mathrm{~cm}$ |  |  | 100-109 cm |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | G | F | P | G | F | P | G | F | P | G | F | P | G | F | P | G | F | P | G | F | P | G | F | P | G | F | P | G | F | P |
| P218 | Sugar Maple (Acer saccharum) |  |  | 1 |  |  |  |  | 1 | 1 | 2 |  |  |  | 1 |  |  |  |  |  |  |  |  |  |  |  | 1 |  | 1 |  |  |
|  | Green Ash <br> (Fraxinus pennsylvanica) | 1 | 2 | 3 |  | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Black Cherry (Prunus serotina) |  |  |  |  |  |  |  |  |  | 1 |  |  |  | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Ironwood (Ostrya virginiana) | 1 | 1 |  |  |  |  | 1 | 1 |  |  | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Totals: | 2 | 3 | 3 | 0 | 1 | 0 | 1 | 10 |  | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 10 | 1 |  |  |



| Tree \# | Species | 10-19 cm |  |  | 20-29 cm |  |  | 30-39 cm |  |  | $40-49 \mathrm{~cm}$ |  |  | $50-59 \mathrm{~cm}$ |  |  | 60-69 cm |  |  | 70-79 cm |  |  | $80-89 \mathrm{~cm}$ |  |  | 90-99 cm |  |  | 100-109 cm |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | G | F | P | G | F | P | G | F | P | G | F | P | G | F | P | G | F | P | G | F | P | G | F | P | G | F | P | G | F | P |
| P267 | White Elm (Ulmus americana) |  | 1 |  |  |  |  |  | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Black Cherry (Prunus serotina) |  | 1 |  |  | 1 |  | 1 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Sugar Maple (Acer saccharum) | 8 | 1 |  | 2 |  |  | 2 |  |  | 1 | 1 |  | 2 |  | 1 |  |  |  |  | 1 |  |  |  |  |  |  |  |  |  |  |
|  | Basswood (Tilia americana) | 2 | 4 |  | 1 | 2 |  |  | 3 |  | 1 | 2 | 1 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Trembling Aspen (Populus tremuloides) | 3 |  | 1 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Green Ash (Fraxinus pennsylvanica) |  | 2 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Totals: | 13 | 9 | 1 | 4 | 3 | 0 | 3 | 5 | 0 | 2 | 3 | 1 | 3 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 |  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |




