



Tree Inventory in the Making

Committee Meeting

December 13, 2023

Team

Richard Goetz

- Tree Inventory Specialist

Fleming College Graduate

- Urban Forestry Technician

- Ecosystem Management

Technologist



Agenda

- Why a Tree Inventory?
- History
- Scope of Work
- Statistical Information
- Moving Forward



Why a Tree Inventory?

- Helps us to qualify and quantify our urban forest
- An important management tool
- Helps us to build Action Plans and Budgets

History

2014 – Natural Resource Solutions Inc (NRSI) was contracted out

2015 – In house continuation with two contract staff

2022 – Recommendation for updating

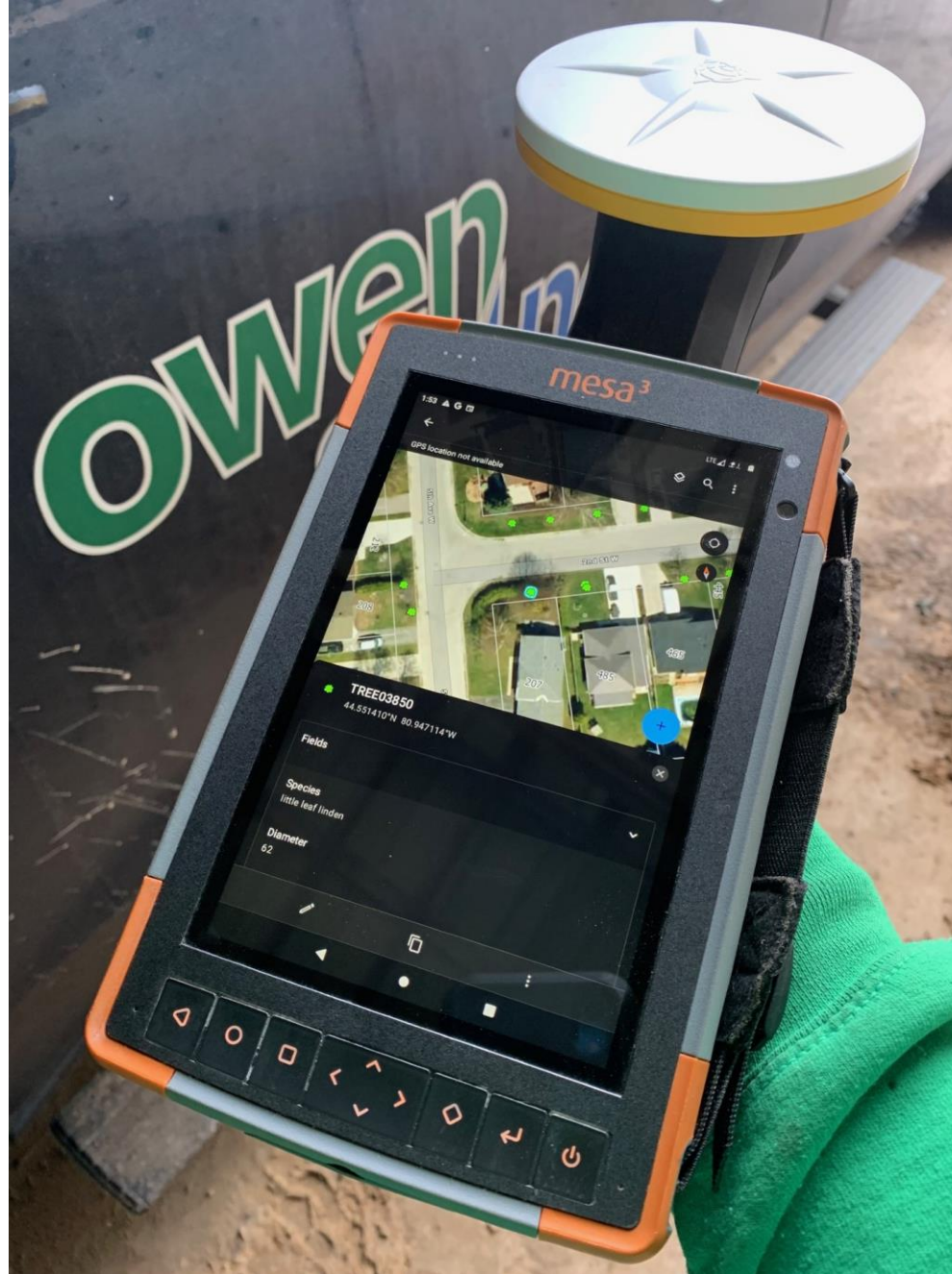
2023 – 9 Month contract for single staff member

Scope of Work

Specific Attributes Collected:

- Species (Common Name)
- Asset (individual code for work orders and payroll)
- Diameter (DBH, collected at 1.3 meters)
- Crown Radius (estimated)
- Height (estimated)
- Hazard Rating (1-5, very low to very high)
- Notes (specific items worth noting, such as a canker)
- Comments (reoccurring traits prefilled for selection, such as significant lean)
- Action (monitor, remove or prune)
- Condition (dead to excellent)

Mesa 3 Tablet



I want to...

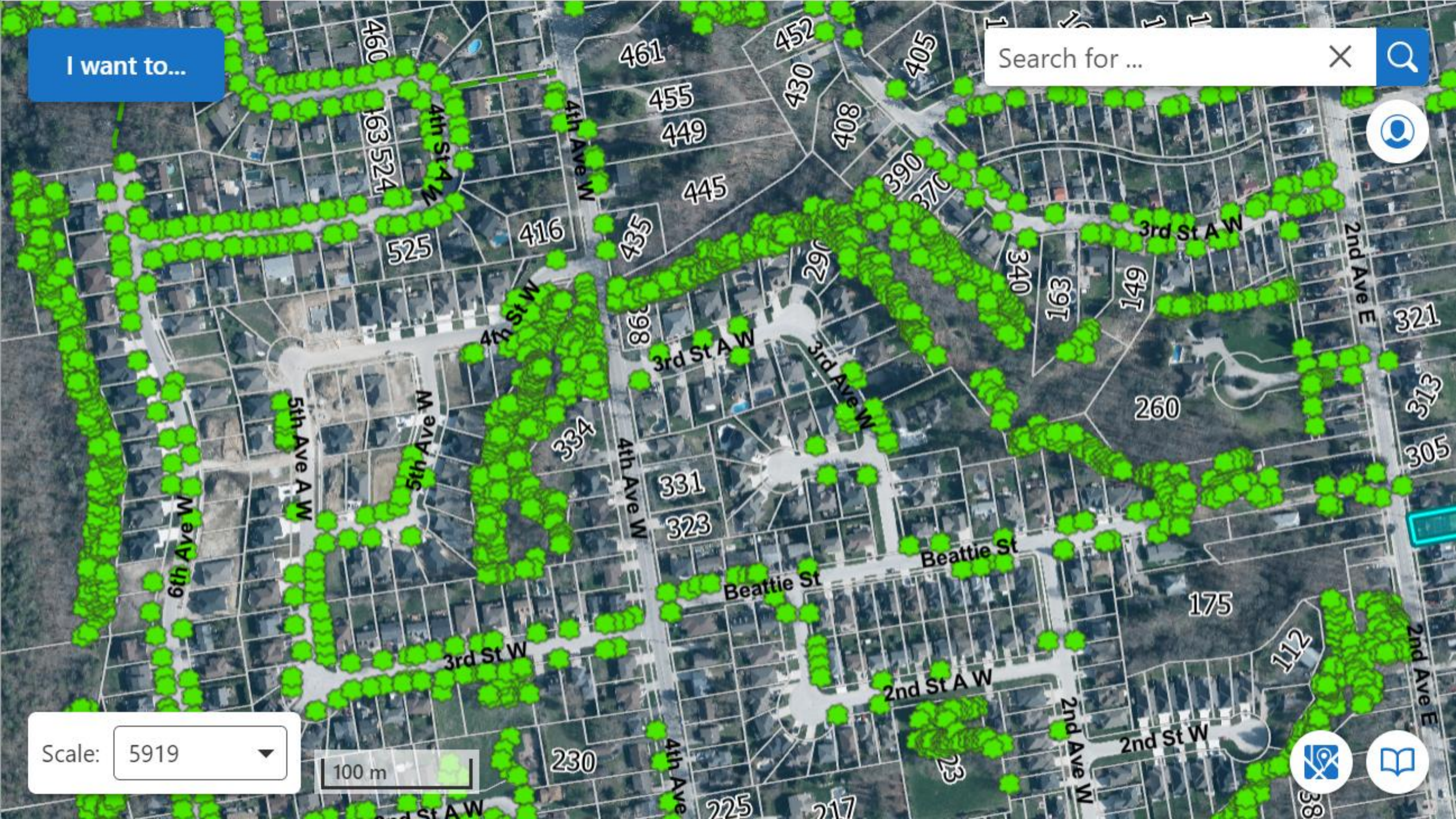
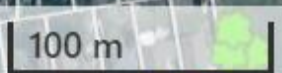
Search for ...



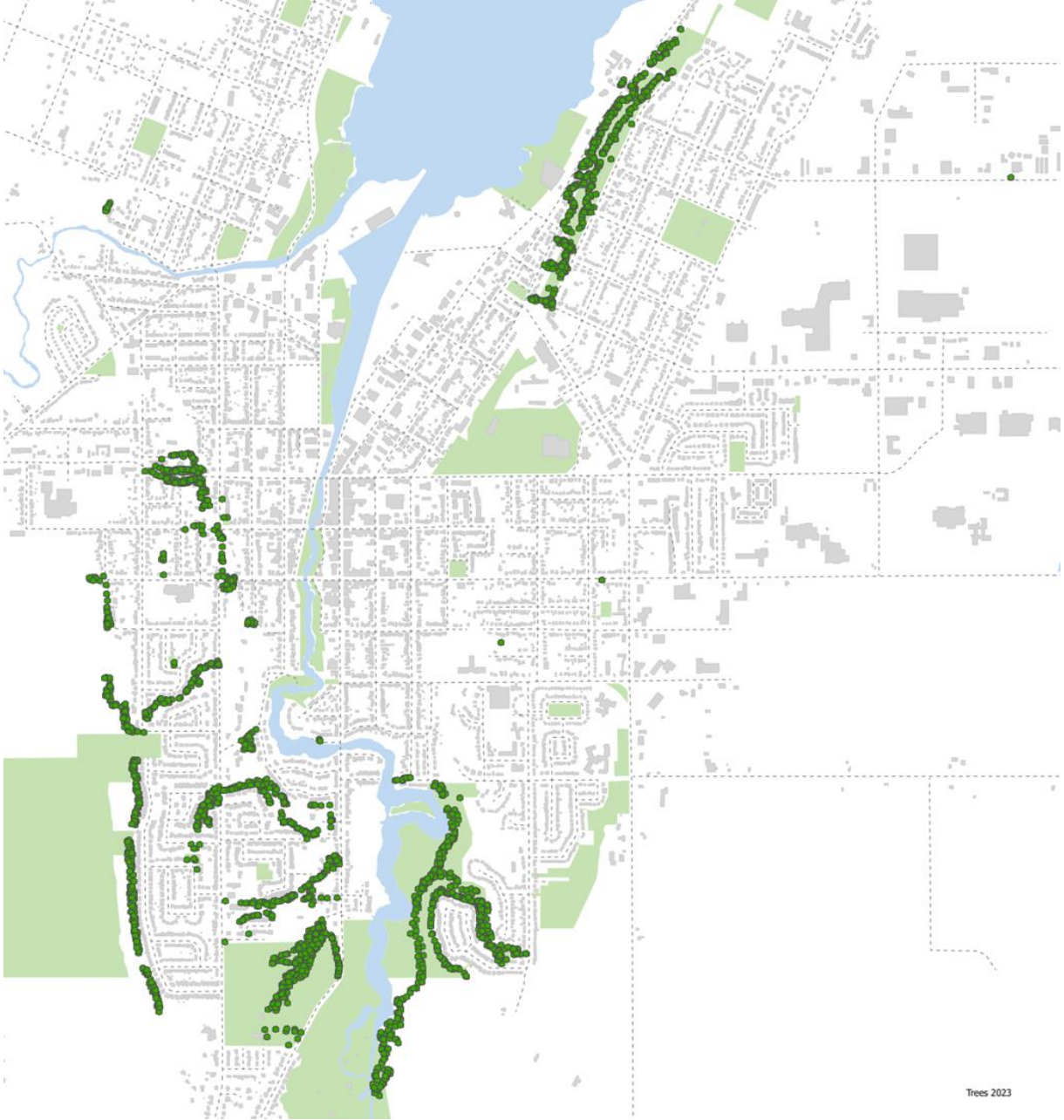
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100 m



All Trees



Trees 2023

Statistics

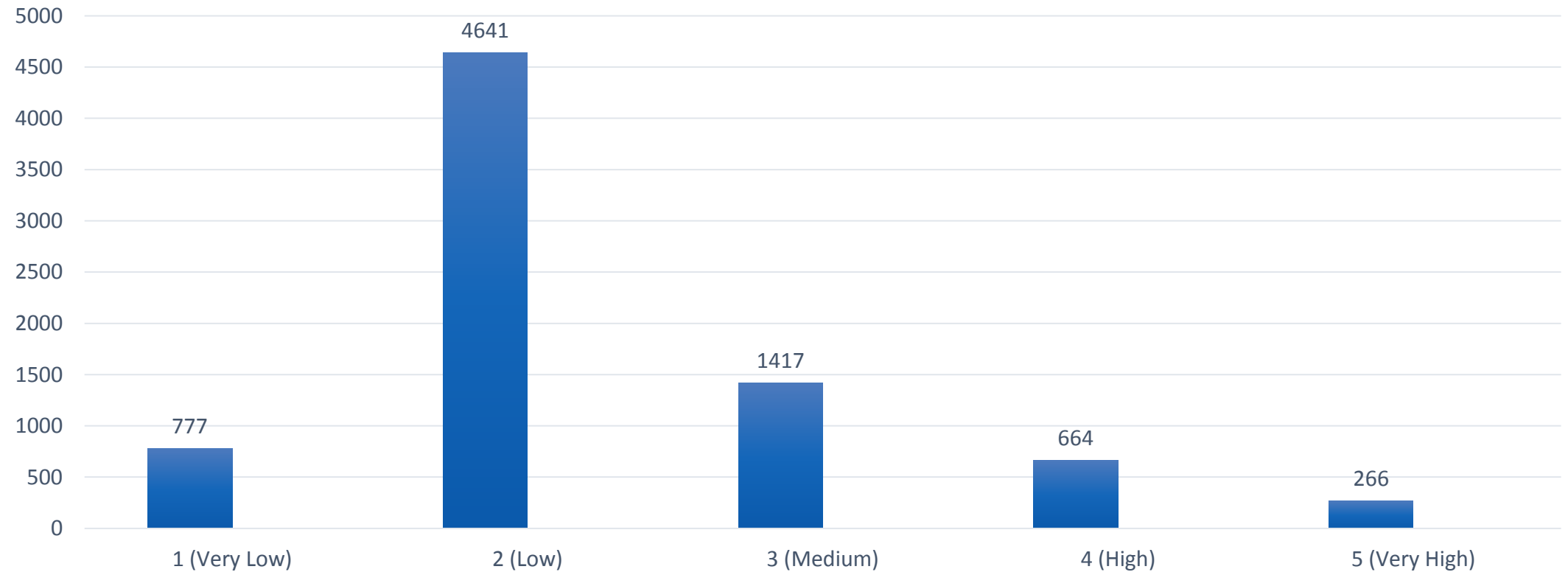
	Totally
Total Documented	7931
Ash Species	2383
Removals	1916
Pruning Needs	485
Planting Sites	131

Statistics Cont'd

Species Diversity	General Representation To Date
Ash (All Species)	30%
Maple (All Species)	30%
Other Hardwoods (Walnut, Beech, Elm etc)	30%
Other Conifers (Cedar, Pine, Spruce)	10%

Statistics Cont'd

Tree Hazard Rating



Moving Forward

- Complete as much of the City within remaining months ahead
- In reference to the Official Plan Policy and Staff Report CS-22-105 Emerald Ash Borer Management and Next Steps, Section 6.1.3.1 of the Strategic Plan Alignment says: “Preserve and enhance a healthy urban forest through naturalization and tree planting programs”



Questions?



Thank you kindly