

TREE ASSESSMENT AND INVENTORY UPDATE

Jan. 30, 2023

Dan Mirabile

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TIMELINE

- **Sept. 14, 2020** - Presentation at Work Session
- **Sept. 17, 2020** - City entered into an agreement with E-Sciences to assess and inventory trees in the right-of-way
- **Oct. 2020** - E-Sciences started the assessment and inventory
- **May 6, 2021** – City entered into an agreement with O’Neil’s Tree Service for tree and stump removal for one year, with four one-year extension options
- **Sept. 2021** – Began removing trees in Zone 1 (rated in category zero)
- **May 2022** - The removal contract was extended for one year
- **Oct. 2022** - Public Works took over managing the program
- **Jan. 17, 2023** - Program temporarily halted

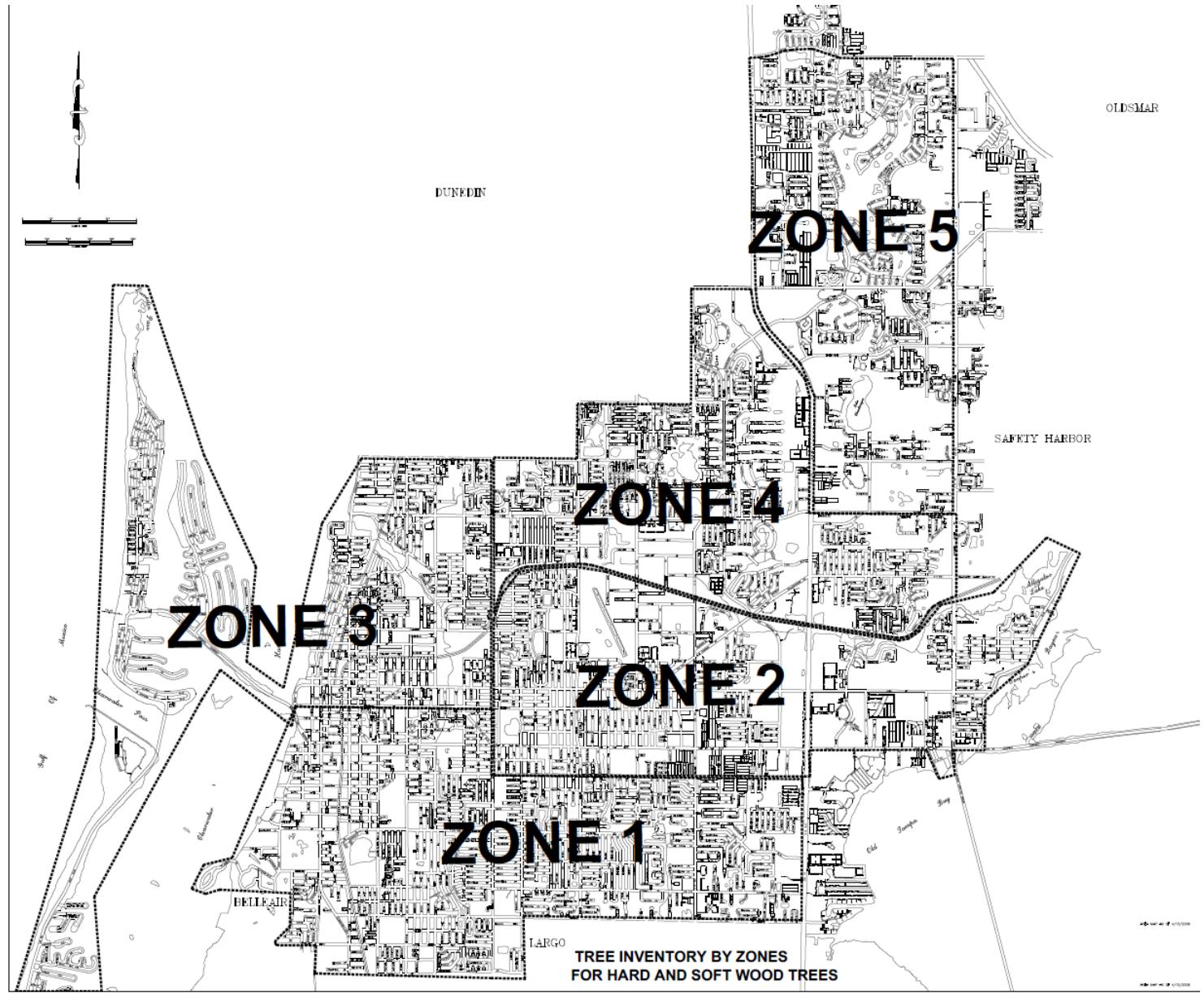
INVENTORY FORMAT

- Divided the city into five, even-sized geographical zones with approximately 4,000 trees per zone
- Consultant is conducting an inventory on one zone per year
- IT developed a database for compiling the inventory information
- Each inventoried tree will have a blue tag
- Tag information can be looked up on our website MyClearwater.com/Trees



PROPOSED INVENTORY MAP

Zones 1-5
Inventory
started at
Zone 1,
working to
Zone 5



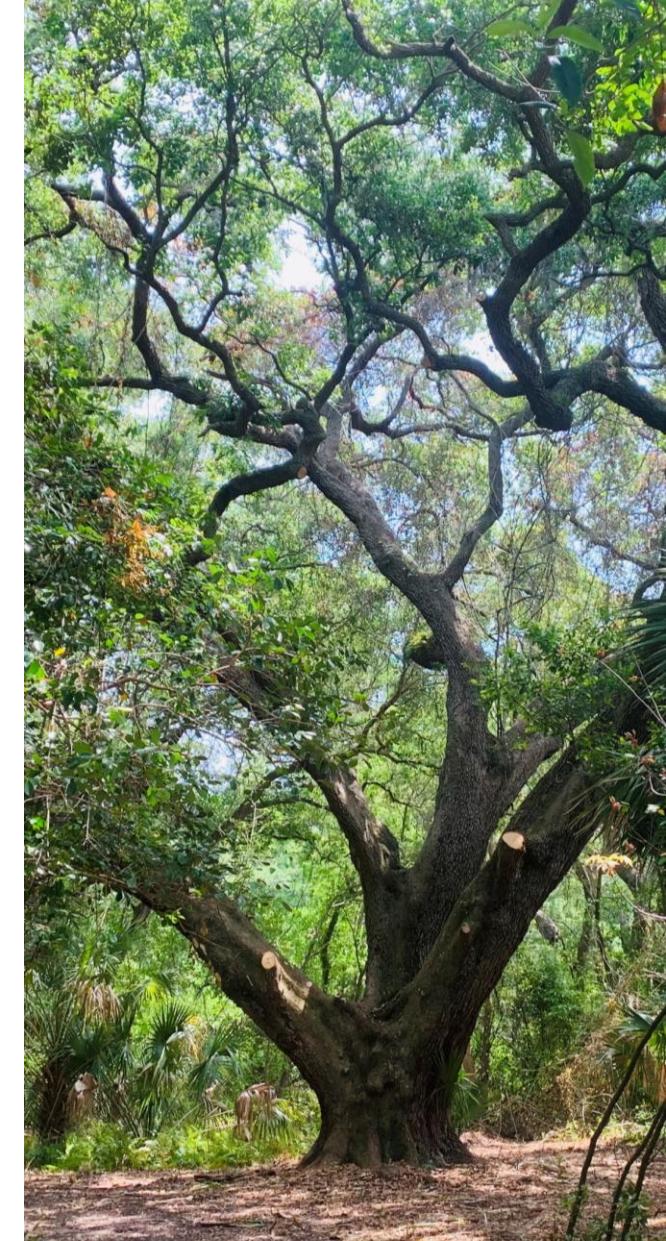


SCOPE OF TREE ASSESSMENT AND INVENTORY

- Only assessing trees in the city right-of-way
- Approximately 20,000 trees are in the city right-of-way
- Breaking the city into five zones allows each zone to be inventoried every sixth year keeping the inventory valid with the data needed to make removal decisions
- Doing an inventory of approximately 4,000 trees per zone allows the tree removal contract to be effective in removing potentially hazardous or invasive trees identified by the inventory

MAKING THE INVENTORY FORMAT MORE USER FRIENDLY

- Step 1 - Species of tree, diameter at breast height (DBH), condition rating 0-6 and an identification code is posted on each tree that is inventoried
- Step 2 - If rating is below a 3.0, tree may be subject to removal. Any additional comments such as overhead wires or wildlife present is added after this step is completed.



ZONE 1 NUMBERS

	Rating of “0”	Rating of “1”
Total Trees Rated	14 trees	399 trees
9/21-10/22	9 trees	171 trees
10/22-Present	5 trees	77 trees





OBSERVATIONS

- Lack of maintenance due to understaffing, contract, and project management.
- Not enough detail being provided by E-Sciences.
- Insufficient public outreach.
- Resident notification needs to be improved.
- We need a right-of-way tree planting program (a 2023 Public Works department goal).

RECOMMENDATIONS

- Going forward, require E-Sciences to provide additional information for Zones 3, 4, and 5.
- Issue a bid for tree pruning/maintenance to assist our crew.
- Have all the trees rated “1” in Zones 1 and 2 re-evaluated to include additional detail.
- Develop a right-of-way tree planting program.
- Pause the program, with exception of trees that present an imminent threat, until we have an acceptable program.
- Put trees back in Zone 1 once we have a viable planting program.



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