

Drainage District:

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Investigation Summary:

- At the Hearing on Engineer's Report for Repairs to Upper End of Main Tile, the District Trustees requested an inventory of trees within the 50' of the Main Tile from the west end of town to the east end of town (i.e. west side of the golf course) be performed.
- CGA staff performed a site visit along the Main Tile route and found the following trees within 50' of the Main Tile (unless noted otherwise):
 - 3 Walnuts (28"-36")
 - 1 Buckeye (12")
 - 3 Oak (6"-36")
 - **12 Brush or Brush Lines**
 - 1 Cedar (24")
 - 4 Blue Spruce (8"-15")
 - 13 Apple (2"-24")
 - 2 Honey Locusts (24"-36")
 - **10 Ash (10"-48")**
 - 4 River Birch (24"-36")
 - **22 Soft Maple (2"-48")**
 - 12 Hard Maple (8"-48")
 - **3 Mulberry (6")**
 - **1 Boxelder (24")**
 - 1 Sycamore (48") at 54' from tile

Contractor Time and Materials (spent while CGA was on-site):

None as only investigation was performed

Additional Actions Recommended:

Although all trees are capable of producing tree roots which can negatively impact tile, the above yellow highlighted trees species are some that we typically find majorly impacting tile negatively. If the District Trustees do not pursue lining the Main tile, they may wish to pursue removal of at least the yellow highlighted trees as it is CGA's opinion that they will eventually (or may already be) negatively impacting the Main Tile. It is also our opinion that the cost of removal of just these trees would be over \$50,000. This cost is high enough that a hearing and engineer's report would be required.

