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Inventory Report

Tree Inventory Report

Sent Via Email Only

Date: January 10th, 2023

To: Mr. Steven Norcini

Cc: Mr. Dennis Capella

Radnor Township

From: John Hosbach – Rockwell

Reference: West Wayne Preserve

Tree Review

File#: 7379WWP

West Wayne Preserve

Submitted to:

Radnor Township



Submitted by:

John Rockwell Hosbach

Dear Mr. Norcini,

Thank you for contacting my office concerning the condition of the subject trees that inhabit the West Wayne Preserve. As discussed, the subject site is scheduled for storm water improvements and the existing trees within the limit of disturbance will be condemned to make way for the construction activity.

SUMMARY

The subject site exhibits a degrading urban structure and canopy. Flooding and the associated anerobic soil have caused decline and current failures. There is a dominate stand of invasive Norway maples and a strong palate of Fraxinus (Ash) within the LOD. Numerous invasive ailanthus and paulownia are intruding the canopy.

There is no native regeneration due to the healthy deer heard that travels this area to their bedding zones. Only a strong, invasive understory exist.

METHODS

We utilized both the TRAQ risk assessment as well as reviewing longevity, defects, invasiveness, decline, sustainability and structure to determine the overall stand as well as a tree-by-tree review. The plot below denotes the area of review.



PURPOSE and USE

The purpose of this report is to assist Radnor Township in the compensation requirements of the Shade Tree Commission.

LIMITATIONS

Only a visual review was conducted, and the warranty of review is for 15 days.

OBSERVATIONS

I observed the following outward and obvious conditions.

- I. Root decay
- II. Stem decay
- III. Tree failure
- IV. Dead trees
- V. Anerobic soils
- VI. Excessive soil wash on root system
- VII. Poor structure
- VIII. Stunted growth

INVENTORY SUMMARY

Total trees reviewed	406
Total fair to good	60
Total poor/ dead/ash/ major defects beyond recovery	346
Total required 2.5 caliper trees required based on the below set forth requirements. 6 - 18 inch DBH removed = 1 replacement tree 19 – 29 inch DBH removed = 3 replacement trees, two being large canopy trees 30- inch DBH or greater removed = 6 replacement trees, four being large canopy trees	113

CONCLUSIONS

It is of my professional opinion, that the subject trees within this inventory are predominantly below average in health and the longevity ratio is below average. The newly proposed landscape will provide diversity, structure, longevity a seasonal interest .

CERTIFICATION OF PERFORMANCE

I, John Rockwell Hosbach, Jr., certify that:

- I have no current or prospective interest in the vegetation or the property that is the subject of this report and have no personal interest or bias with respect to the parties involved.
- The analysis, opinions and conclusions stated herein are my own and are based on current scientific procedures and facts.
- My analysis, opinions and conclusions were developed, and this report has been prepared according to commonly accepted arboricultural practices.
- No one provided significant professional assistance to me, except as indicated within the report.
- My compensation is not contingent upon the reporting of a predetermined conclusion that favors the cause of the client or any other party nor upon the results of the assessment, the attainment of stipulated results, or the occurrence of any subsequent events.

I further certify that I am a member in good standing of the American Society of Consulting Arborists and the International Society of Arboriculture. I have been involved in the field of Arboriculture in a full-time capacity for a period of more than 25 years.



John Rockwell Hosbach Jr., RCA, Urban Forester | Principal