

Contact:
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Stormwater Facility Inspection Photo Log

Facility Name: Lake 2

Facility Owner: Tabb Lakes Homes Association Inc.

Date: 5/16/24

Location: A



Location: B



Location: C



Location: D



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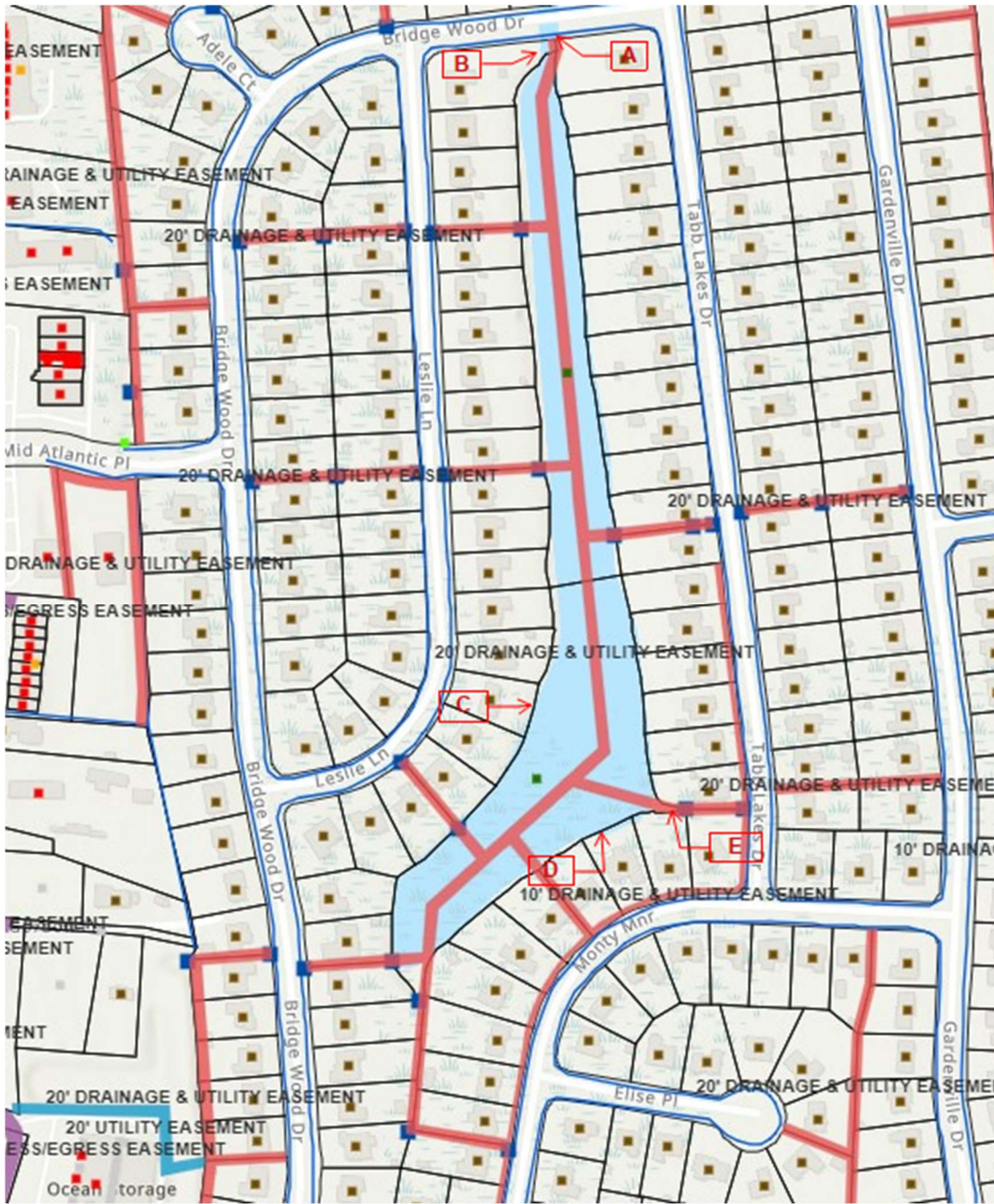


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-Inspection notes for Lake 1:

Walked Lake 1 with Mr. Lafrenaye on 5/16/24. Lake aesthetic quality is well maintained by the Tabb Lakes HOA. All inlets associated with the lake were not able to be properly inspected due to them being on private property and had to be viewed from the opposite side of the lake. No signs of major erosion or loss of inlet protection were visible from my viewpoint but the next inspection will have to be done from a boat in order to certify structural integrity of inlet structures and inlet protection. Vegetative overgrowth was noted on banks in locations B in the above photo log. Mr. Lafrenaye assured me that these issues have already been recognized and are being addressed within the confines of the HOA stormwater budget.

-A bathymetric sediment report was done in June of 2015 and is summarized below:

Summary of the Tabb Lakes Bathymetry and Sediment Report (June 2015)

Overview

- **Conducted by:** Kyle Finerfrock
- **Location:** Tabb Lakes, York County, Virginia
- **Purpose:** To assess the bathymetry and sediment accumulation in two waterbodies within the Tabb Lakes community.

Key Findings

General Data

Lake 2

- **Depth Readings:** 7,804
- **Maximum Depth:** 6.8 feet
- **Average Depth:** 2.9 feet
- **Surface Area:** 5.1 acres
- **Storage Volume:** 14.8 acre-feet (4,831,304 gallons)
- **Sediment Volume:** 6,690 cubic yards (average depth: 0.8 feet)
- **Issues:** Built shallow initially; poor water depth; moderate sediment accumulation.

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- **Recommendation:** Consideration of sediment removal to improve water depth and prevent nuisance vegetation and algae growth.

Conclusions

- **Lake 2:** Depth issues from initial construction and accumulated sediment; considered poor in terms of water depth.
- **Overall Recommendation:** Sediment and organic debris removal in problematic areas to maintain lake health and function.