

Tabb Lakes

Physical Inspection Report

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Data Collection By:

Kyle Finerfrock

Report Created By:

Kyle Finerfrock



SŌLITUDE
LAKE MANAGEMENT

Restoring Balance. Enhancing Beauty.

Tabb Lakes Physical Inspection Report:

Lake 1:

Lake 1 is located at the northern end of the property. The flow of water primarily runs south to north. There are ten (10) stormwater inlet structures located around the lake. From visual inspection each of the inlet structures appear to be in good shape. There is some overhanging vegetation surrounding some of the pipes but there are no direct obstructions at each of the structures. At the northern end of the lake there is the primary outlet structure and emergency outlet spillway located next to it. There is one 2 HP AquaMaster floating aerating fountain and a Vertex submersed aeration system with six (6) diffusers throughout the lake. The power is located about midway down the lake on the east bank. After visual inspection, there are no current major erosion issues that can be identified. There is sediment buildup at the outfall of most of the inlet structures and a major buildup of organic muck at the southern end of the lake. The organic muck build up is likely due to the accumulation of leaf litter debris.

Lake 2:

Lake 2 is located at the southern end of the property and directly connects into Lake 1. The flow of water primarily runs south to north and empties into Lake 1. There are eight (8) stormwater inlet structures located around the lake. From visual inspections each of the inlet structures appear to be in good shape. There is some overhanging vegetation surrounding some of the pipes but there are no direct obstructions at each structure. At the northern end of the lake the primary outlet structure drains into Lake 1. Lake 2 connects directly to Lake 1 through two pipes that run beneath Bridge Wood Drive. There is one 2 HP AquaMaster floating aerating fountain and a Vertex submersed aeration system with six (6) diffusers throughout the lake. The power is located about midway down the lake on the east bank. After visual inspection, there are no current major erosion issues that can be identified. There is sediment buildup at the outfall of most of the inlet structures and a major buildup of organic muck at the southeast and southwest portions of the lake.



Lake 1:

Inlet 1



Inlet 2



Inlet 3



Inlet 4



Inlet 5



Inlet 6



Inlet 7



Inlet 8



Inlet 9



Inlet 10



Emergency Spillway



Outlet Structure



Fountain



Diffuser



Lake 2

Inlet 1



Inlet 2



Inlet 3



Inlet 4



Inlet 5



Inlet 6



Inlet 7



Inlet 8



Fountain 2



Aeration diffuser

