



04/18/2022 Aquatic Services Report

LAKE LINDEN

Dissolved Oxygen (PPM): 7.9 mg/l

Water Temperature: 48.1

Vegetation Present: No filamentous algae present. Scattered Chara growth throughout the lake. No submerged weed growth could be observed.

Work Done: No treatment was performed on Lake Linden today as things are looking pretty good! Water levels are back up from last years drought and no invasive plants could be observed. As weather warms up a bit I will start to chip away at areas of excess Chara growth!

LAKE POTOMAC

Dissolved Oxygen (PPM): 8.6 mg/l

Water Temperature: 47.2

Vegetation Present: No surface algae growth present; a few small spots of benthic algae. A good amount of chara/nitella growth throughout the lake floor. A few small scattered patches of native pondweed.

Work Done: No treatment was performed on Lake Potomac today as things are looking pretty good and normal for this early spring weather. As things slowly warm up I will plan on starting to chip away at chara growth throughout the lake one section at a time to prevent over stressing the aquatic ecosystem.

SPRING LEDGE

Dissolved Oxygen (PPM): 7.9 mg/l

Water Temperature: 47.5

Vegetation Present: Some light Spirogyra algae growth on the North end of the pond on top of the leafy organic matter. Small patches of immature Chara observed. A good amount of leafy and organic debris submerged around shoreline areas. Some scattered curlyleaf pondweed growth.

Work Done: Today I was unable to launch my boat on Spring Lake due to soft and wet ground conditions paired with a bit of a lip at the boat access. I elected to make a shoreline application using a systemic herbicide that spreads very well throughout the water column to combat the invasive curlyleaf pondweed. I also made the application from the North end so that the product is carried through the water column via natural flow as well. I anticipate that algae growth will drop with the cold and rainy weather, any algae on the next service I should be able to knock out!

WATERFORD LAKE

Dissolved Oxygen (PPM): 7.4 mg/l

Water Temperature: 48.7

Vegetation Present: No filamentous algae present. Some scattered immature Chara observed along shallow and shoreline areas. A decent infestation of invasive curlyleaf pondweed appearing as immature to moderately-aged growth. Some light native pondweed growth also observed.

Work Done: Today I made the first application on Waterford Lake. The application is targeting invasive curlyleaf pondweed utilizing a systemic fluridone

product. This is a similar application to that which was made right away last season when we started service with a few minor changes. I expect that within a months time the curlyleaf should be dead and out of the Lake for the year. I do want to mention that as the invasive weeds weaken and die, they may rise up to the water surface for a short period of time. If it is needed I can put down an additional treatment on the decomposing weeds to help expedite the process.