



06/02/2022 Aquatic Services Report

LAKE LINDEN

Dissolved Oxygen (PPM): 9.8 mg/l

Water Temperature: 75.8

Vegetation Present: 5% filamentous algae growth. Extensive chara throughout the lake, with more growth in the North end of the lake. 5% scattered horned pondweed.

Work Done: I treated aggressively in the North end of the Lake today to knock back chara growth, which really took off and bloomed. I focused particularly hard on areas with topped out patches of Chara growth. I did touch up a few other spots around the lake and hit all the filamentous algae growth present.

LAKE POTOMAC

Dissolved Oxygen (PPM): 9.6 mg/l

Water Temperature: 75.1

Vegetation Present: 5 – 10% filamentous algae growth. 75% chara/nitella throughout the lake. 10 – 20% mixture of horned and sago pondweed. A very small amount of invasive curlyleaf pondweed. 1 – 5% Watermeal present along some shoreline areas.

Work Done: Lake Potomac recieved two different applications today. One smaller submerged weed application to clear a few areas of excessive pondweed growth. The other application targeted the algae and chara/nitella. I used a granular product today which I am hoping provides some better results as it will have a longer product hangtime in direct contact with the vegetation.

SPRING LEDGE

Dissolved Oxygen (PPM): 8.9 mg/l

Water Temperature: 73.8

Vegetation Present: Roughly 10% filamentous algae growth. 5 – 10% Light and helathy chara growth. 1 – 5% horned pondweed growth.

Work Done: Today I treated for the filamentous algae growth present on Spring Lake a bit more aggressively than I have previously this season. I am hoping that with some higher rates we will see quick results on the algae pockets which are dense and yield some better long term relief!

WATERFORD LAKE

Dissolved Oxygen (PPM): 8.7 mg/l

Water Temperature: 76.0

Vegetation Present: 1% filamentous algae. Roughly 20 – 25% chara coverage with topped out and floating chara observed along the North end of the lake. 5% native horned and sago pondweed.

Work Done: Today I spot treated for the areas of topped out chara and floating chara present on Waterford Lake. With this most of the treatment was focused along the Northern shoreline of the Lake. I also noticed that a few particular areas of dense chara growth are located in the same region that we saw the rising mounds in previous years. I would expect to see the results of today's treatment in about 7 days!