



9/15/2021 Aquatic Services Report

LAKE LINDEN

Dissolved Oxygen (PPM): 9.2

Water Temperature: 80.3

Vegetation Present: 1% filamentous algae growth present on top of a few spots of floating chara; 50% chara growth, 1-2% floating chara; 5% horned/sage pondweed

Work Done: Today I did some spot treating for a few areas of dense chara as well as the floating chara and filamentous algae. Overall things are looking pretty good aside from low water levels; however, vegetation present is native and for the most part all matted down! I did see a ton of fish activity today, including a few large northern!

LAKE POTOMAC

Dissolved Oxygen (PPM): 9.5 mg/l

Water Temperature: 73.8

Vegetation Present: Filamentous algae growth <~1%; chara/nitella 30-35%, mostly as short growth just off the top of the lake floor; horned/sago pondweeds 15%; a ring of Duckweed/watermeal ~10%

Work Done: Today no treatment was performed on the Lake as things on the water surface are mostly looking good. The ring of duckweed and watermeal I do not see expanding out as we near the end of its "peak" season. The native vegetation is established nicely and has the lake prepared as we head into fall Water! Water does appear to have slowly continued to drop with the dry summer we have had.

SPRING LEDGE

Dissolved Oxygen (PPM): 9.0 mg/l

Water Temperature: 71.9

Vegetation Present: Filamentous algae growth 1-5%; duckweed 1-5%; sago pondweed 5%

Work Done: Today I made an application to clean up filamentous algae growth and also areas of topped out pondweed along the shoreline. The application made may knock out the small amount of duckweed growth present in the North end of the lake as well! Overall things here are looking good and should clean up nicely!

WATERFORD LAKE

Dissolved Oxygen (PPM): 8.8

Water Temperature: 75.1

Vegetation Present: Planktonic Algae 1-5%; Chara/Nitella scattered growth in shallow areas; horned, Vallisneria and sago around the lake with the northeast side of Thunder Bay having some more dense growth.

Work Done: Today I took my boat around the Lake for I section and water parameter measurements. I found that the planktonic algae growth has cleaned up very nicely; and with cooler weather incoming, I am thinking that the planktonic issues for this year will be done. The small amount of planktonic algae that was present was all scattered around shoreline areas of Thunder Bay and slightly outward into the channel to the rest of the Lake. Overall things are looking pretty good again and it appears things are back on track after the blue-green algae blooms; I expect incoming fall weather to work in our favor with keeping the lake clear as well! I did treat for the planktonic growth and I also made an application to clear up the pondweed/vallisneria that is present and becoming very unruly in Thunder Bay. The pondweed should clear up a bit but the Vallisneria may stick around as it is a very

resilient plant that does not appear on our product labels. The planktonic algae should clear up relatively quickly!