



05/18/2022 Aquatic Services Report

LAKE LINDEN

Dissolved Oxygen (PPM): 9.0 mg/l

Water Temperature: 65.2

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

Work Done: Today I made an inspection around Lake Linden and I made an application focusing on areas of topped out chara growth. The rainy weather could reduce the efficacy of today's application as well but it will help keep unwanted filamentous growth down.

LAKE POTOMAC

Dissolved Oxygen (PPM): 8.8 mg/l

Water Temperature: 64.8

Vegetation Present: 1 – 3% filamentous algae growth. Roughly 60% chara coverage. A few spots of horned/sago pondweed observed.

Work Done: Today I treated for the areas of filamentous algae growth present on the water surface of Lake Potomac and also for excess Chara. While treating for chara I really focused in the narrow section connecting to two lobes of the Lake. I am hoping that this will also open up a path for easier navigation of the Lake. Rain may reduce the overall efficacy of the application.

SPRING LEDGE

Dissolved Oxygen (PPM): 8.6 mg/l

Water Temperature: 65.1

Irrigation Restrictions: 2 days – the water may not be used for irrigation purposes; (however, pumping water from Lindenhurst lakes is always against Village ordinance.)

Vegetation Present: 5 – 10% filamentous algae growth present. Roughly 5% chara growth observed. A few spots of beaten-up and decomposing curlyleaf pondweed.

Work Done: Today I treated for the scattered filamentous algae growth present around Spring Lake. I anticipate that the application made today will have algae growth cleared up in roughly a week! The curlyleaf is still decomposing along schedule and will continue to decompose out of the pond.

WATERFORD LAKE

Dissolved Oxygen (PPM): 9.1 mg/l

Water Temperature: 66.2

Irrigation Restrictions: 10 days – the water may not be used for irrigation purposes; (however, pumping water from Lindenhurst lakes is always against Village ordinance.)

Vegetation Present: No filamentous algae present. Scattered areas of topped out chara on roughly 10% of the lake; scatter and submerged healthy chara present throughout other locations. The curlyleaf pondweed has cleaned out of a few areas, and places left standing are merely stems.

Work Done: Today I treated for areas of topped out chara growth and I made a small application to help clear up the standing curlyleaf stems in Thunder Bay. Areas of Chara that were sprayed may require an additional application to knock growth down due to the density of a few patches and the resilient nature of the plant.