



10/06/2022 Aquatic Services Report

LAKE LINDEN

Dissolved Oxygen (PPM): 9.2 mg/l

Water Temperature: 65

Vegetation Present: 1% Filamentous Algae. A vast established chara population throughout the lake. A few small pockets of native horned and sago pondweeds.

Work Done: Lake Linden was looking really good today with an almost entirely crisp and clear water surface. There was a small amount of chara reaching the water surface right around the beach/boat launch area, which we spot treated along with the algae in the area; I assume the nuisance growth will clear up in the next week or so. Water clarity on the lake was superb today, with full visibility to the lake floor on most of the Lake.

LAKE POTOMAC

Dissolved Oxygen (PPM): 8.4 mg/l

Water Temperature: 62

Irrigation Restrictions: 3 days – the water may not be used for irrigation purposes; (however, pumping water from Lindenhurst lakes is always against Village ordinance.)

Pet restrictions: 1 day

Vegetation Present: 5-10% filamentous algae growth present along various corners and shorelines. Ample chara growth throughout the lake, with a healthy establishment of various pondweeds. 15 – 20% watermeal.

Work Done: Today we made an application to clear out the areas of filamentous algae growth present and also to clean up a few areas of Chara becoming dense. The application made was focused around shoreline and more shallow areas. A good portion of watermeal was within the treated areas today, and that may catch some of the applications effects as well!

SPRING LEDGE

Dissolved Oxygen (PPM): 7.8 mg/l

Water Temperature: 60

Vegetation Present: Small ring of filamentous algae growth with a few small open water patches; ~ 5 – 7%. No chara growth observed. 1% native horned pondweed growth, and <1% watermeal.

Work Done: Spring Lake has cleaned up nicely since the previous visit. Today we treated for the light algae growth throughout the lake. I would expect the algae to clear up in about a week's time. Some of the leafy debris may fuel another small bloom as they decompose and release nutrients, but that will be an easy clean up on the next service if needed.

WATERFORD LAKE

Dissolved Oxygen (PPM): 8.5 mg/l

Water Temperature: 66

Vegetation Present: <1% Filamentous Algae fuzz. A light and healthy chara spread throughout the lake, with a few small spots of native horned/sago pondweeds and eel grass.

Work Done: Waterford Lake was looking great today during its inspection. There were a few very small spots of decaying algae which appeared sludge like and was on its last limbs. We did notice a small planktonic build up along the Southeastern most shoreline near the outflow of the Lake, which was spot treated. Overall things are looking good as we approach the end of the season with nice and healthy quantities of native vegetation being established for the winter.