



04/25/2023 Aquatic Services Report

LAKE LINDEN

Vegetation Present: No surface algae detected. There was some benthic algal fuzz observed sticking to the chara. A decent spread of chara growth throughout Lake Linden. There was no submerged weed growth identified.

Work Done: Today marks the first stop of the 2023 season. I took a cruise around the lake to make some initial inspection; chara was the primary vegetation that was observed. I sprayed some of the chara growth at the south end of the Lake. The plan is to start with chara control early to avoid some overgrowth observed last year. I also plan on attacking segments to allow for concentrated bursts during each application. The season long goal is to maintain a waterbody that has a healthy and dispersed level of chara and other beneficial plants.

LAKE POTOMAC

Vegetation Present: I observed roughly 10-15% surface algae with scattered benthic growth. There were also good chara and nitella populations throughout the lake. A few spots of horned pondweed were also observed during the inspection.

Work Done: I treated filamentous and benthic algae growth areas on Lake Potomac today. Algae growth was mainly located throughout the Northern section of the Lake. I focused my application on the North end and made a trail from the boat launch to open up a lane to boat through.

SPRING LEDGE

Vegetation Present: Upon observation, there was roughly 10% cover of a small broken up ring of filamentous algae growth present. There was 1-5% growth of chara. There were a few areas of downed trees/branches across the lake. No submerged weed growth was observed.

Work Done: Spring Ledge has few algae around shoreline areas, particularly where there are downed trees/branches. The algae were treated today and should clear out in about a week! I saw no invasive growth here today, but I am still anticipating some to pop up in the following service or two due to the flow from Waterford Lake. If the invasive plants do pop here, I will treat them accordingly on sight!

WATERFORD LAKE

Irrigation Restrictions: 30 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 growth present. There was roughly 10% coverage of chara development along the shallow areas. A scatter of invasive curlyleaf pondweed growth was observed throughout the lake.

Work Done: Today, I applied to combat the invasive curlyleaf pondweed growth throughout Waterford Lake. The application made today can take up to a month for full effect. However, it will provide season long control of the invasive weeds while leaving the natives untouched! I can also follow up with a burn off application to clear up any straggling weed fragments sticking around before Memorial Day. I think that we should have a fantastic season for Waterford Lake!