

# SLA Water Quality Report

(for October 14, 2023)

**Committee Meetings.** The Silver Lake Watershed Commission (SLWC) & Wyoming County Water Resource Coordinating Committee (WCWRCC) will meet on 10/19/23.

Ron Norton agreed to replace Joe Caputo on the SLWC.

We will continue to seek dredging updates and push the sensible yard waste disposal policies.

**Yard Waste.** Bob Capurso successfully secured two (2) large dumpster for yard waste disposal (Luther Rd & E side of Smith St by East Lake Rd). The exact locations have been posted on our social media sites.

Michelle Hess created the “Don’t Rake in the Lake” campaign and posted it on our social media sites. Michelle also worked with SLA and CLEAN to purchase several hundred biodegradable leaf bags for distribution to SLA members. These leaf bags are intended to launch appropriate yard waste disposal efforts during the '23 season.

**Bags will be available to Tract Directors TODAY.**

**DON'T RAKE IN THE LAKE**

**Dredging.** No updates. Please see earlier Reports.

**Walker Rd Bridge.** Electrical power line relocation activities began in Sept. '23. At last report the Walker Rd bridge replacement is planned for spring '24.

**Japanese Knotweed (JK) Spraying.** In late Aug. '23 A-TIP executed a second spraying for the season.

**Citizens Statewide Lake Assessment Program (CSLAP).** The '23 CSLAP campaign has been completed.

**PCHS Activities.** Please consult earlier Reports.

**Harmful Algae Blooms (HAB).** NYHABS is the official portal to all NYS HAB archives and reporting.

To view the HAB archives go to the following site:

<https://nysdec.maps.arcgis.com/apps/webappviewer/index.html?id=ae91142c812a4ab997ba739ed9723e6e>

Please stay up-to-date on HABs at Silver Lake by checking this web site as often as you wish. You can also use this site to compare Silver Lake to other NYS lakes.

To report a suspicious bloom go to the following site:

<https://survey123.arcgis.com/share/66337b887ccd465ab7645c0a9c1bc5c0>

**Silver Lake Water Level.** Remember that the Village of Perry (VoP) maintains a camera at the Silver Lake Outlet dam that monitors the lake level. The link to this camera is:

<https://villageofperry.com/departments/water-sewer/source-of-water/lake-water-level/>

Please stay up-to-date on the lake water level by regularly checking in at this site.

In a normal year the water level is ~95" in the spring and it may fluctuate throughout the seasons with rainfall, outflow, etc. The lake's water level often drops to 80" or less in fall/winter (~78" at noon on 10/13/23).

**U.S. National Drought Monitor.** The U.S. Drought Monitor (USDM) is a map released every Thursday, showing where drought is and how bad it is across the U.S. and its territories. The map uses six classifications: normal conditions, abnormally dry (D0), showing areas that may be going into or are coming out of drought, and four levels of drought: moderate (D1), severe (D2), extreme (D3) and exceptional (D4).

The link to the interactive USDM map is:

<https://droughtmonitor.unl.edu/>

Please stay up-to-date on drought levels by checking this web site as often as you wish.

The 10/12/23 map shows that the Silver Lake area is at the "D2 (Sever Drought)" level.

**Temperature Array.** The Silver Lake temperature array has been working well since it was rebuilt, repositioned, and reinstalled.

Data from the new array can be seen at the following web site:

<https://karl.hanafins.com/silver-lake-thermocline-data---station-1>

**DEC Big Panfish Initiative (BPI).** Please stay informed by visiting the BPI web site:

<https://www.dec.ny.gov/outdoor/124966.html>

**Watercraft Inspection Steward.** The steward served at Silver Lake State Park boat launch (Friday-Monday, 8:00AM-6:30PM) from Memorial Day through Labor Day. We will post the season's Report once it becomes available.

**Silver Lake Sewer System.** The SLAWQ team visited the VoP Waste Water Treatment Plant in Aug '23 and learned about the system and we discussed where we can best help.

**Sediment Core.** A team of students from Bucknell University led Dr. Lorelei Curtin visited Silver Lake in late Sept. '23 and secured a well-defined continuous core segment from the S-end of Silver Lake. The core sample was 6-m in length (~18'). We will report results from the core as they become available.

**Improved Communications.** The SLAWQ team has worked to expand and improve communication efforts with members and other stakeholders. Examples include timely postings on the SLA and CLEAN web sites and Facebook pages (shout outs to Michelle Hess and Joe Caputo) and several full page articles in the '23 *Perry Herald* (shout out to Lee Loomis).

A new display case has been installed at the Silver Lake State Park.

**Potential Planting Sites.** Our efforts with the Wyoming County Soil and Water Conservation District (WCSWCD) staff did not yield a '23 planting site. We hope to get back on track in '24.

**SLA / CLEAN Golf Tournament.** The 2024 Tournament is scheduled for Saturday, July 20, 2024 at the Club at Silver Lake.

The next SLAWQ meeting will held at 4:00 pm on April 5, 2024 via Zoom.