

SLA Water Quality Report

(for July 09, 2022)

Silver Lake Dams

Both dams have been leaking for many months. An “Emergency” Silver Lake Watershed Commission meeting was held on June 23, 2022. Attendees were informed that the dam gate manufacturer (WACO), installer (MRB), and Village of Perry (VoP) agree that the dam gates are leaking (spec: 1.0 cfs; actual: 1-3-1.4 cfs). There is further agreement that the leaking is caused by a failed/malfunctioning “Compression Cord” within each slide gats. Disagreement arises on responsibility for repairing the dam gates. Vendor and installer were notified by VoP of leaks within the warranty period. A third party engineering firm will be brought in to determine responsibility.

The current plan is to install a cofferdam in fall 2022 near the Walker Rd bridge, dewater the Silver Lake outlet, inspect the dam gates, and effect gate repairs in the field.

The Silver Lake dam camera shows the water level on 06/28/2022 was 95”. The water level on 07/05/2022 is ~93”.

Walker Rd Bridge

During the aforementioned Commission meeting SLAWQ team members asked about timing for the bridge replacement given that a cofferdam was being installed on the bridge’s lake side to effect dam repairs. Jim Brick, Town of Perry Supervisor, announced the bridge would be “done next year”.

Harmful Algae Blooms (HABs).

SLAWQ has explained the NYS HAB program at numerous SLA meetings. On 06/24/2022 someone reported a small, localized HAB at the State Boat Launch area.

Dredging

There are no updates. Please see the 04/09/2022 SLAWQ Report.

Silver Lake Experience

The multi-day event is scheduled for August 4-7, 2022. Todd Shuskey and several of his Perry High School students will be speaking on August 4 at 10 AM.

Watercraft Inspection Steward

Silver Lake has been fortunate to have a dedicated steward in place at the State Boat launch for the past several years.

Jenelle Grigelevich is serving as this year's steward. She is scheduled to be on-site from Friday, May 27 through Labor Day weekend (Friday-Monday 8:00AM-6:30PM).

Sewer System

The SLAWQ team has reached out to Town of Castile Supervisor, Joe Gozelski, to discuss long range maintenance plans surrounding the sewer system. Meetings are being arranged.

Flares

Chemical flares and tart tins were sold by SLA Tract Directors. Several local businesses also sold chemical flares. Battery-powered LED flares were available for purchase at the Geneseo Wegmans.

A portion of sales goes to CLEAN@Silver Lake.

Planting Session

We are working with partners from the Wyoming County Soil and Water Conservation District (WCSWCD) to identify a suitable 2022 planting site.

Japanese Knotweed

All funding and most property owner approvals are in place to execute this project.

Unfortunately, after agreeing to contribute and participate, the property owner with most of the infestation has decided to no longer participate. We reached out to the property owner and offered to pay their contribution (\$250) and we have sought more information on their change of mind. As of this writing (07/05/2022), we have received no response.

We have updated A-TIP asking them to amend their comprehensive quote.

Golf Tournament

The Golf Tournament is scheduled for July 30, 2022 (8 AM registration, 9 AM start).

Please remember that all tournament proceeds go toward native plant installation efforts within the Silver Lake watershed which helps to mitigate nutrient influx into Silver Lake.

We request that each Tract produce at least one a basket for the raffle.

A volunteer sign-up sheet will be available at the June and July meetings.

More details can be found in the 2022 Silver Lake Directory and SLA and CLEAN sites and pages.

Temperature Array

The temperature array has failed again. The designer is working on repairs.

We will hold off on installing a 2nd array until we shake down the new array.

2022 CSLAP Campaign

3 of 8 samples for the 2022 season have been taken and submitted.

Sampling data from each session is now uploaded directly to a DEC-supported web site. Hard copies are still submitted along with the samples.

The 2021 CSLAP Report should become available in summer 2022.

Perry Central School Activities

Please see the 04/09/2022 Report.

Most supply chain delays have been overcome.

CLEAN purchased a new dissolved O₂ sensor module for the hydrolab.

Todd Shuskey and his students performed their first gravity corer experiments (50 cm, ~20") into the lake bed. These types of samples can be used as a "time machine", allowing students to quantify the history of inorganic analytes (e.g., heavy metals, nutrients) and biologicals in Silver Lake. The first samples are being analyzed at UB and PHS.

Todd and the students plan to carry out deeper core measurements to establish a more complete time line.

Diver Day

We have been unable to identify a new dive team. Any connections would be helpful.

NYS Federation of Lakes Meeting

The annual NYSFOLA meeting will be held on Saturday, October 22, 2022, at Moonwinks in Cuba, NY. SLAWQ members will attend.

The next SLAWQ meeting will be on August 12, 2022 at 4 PM.