

SLA Water Quality Report

(for August 13, 2022)

Silver Lake Dams

As discussed last month, the Silver Lake Dam continues to leak and a plan is in place to rectify the problem. Please consult last month's report.

At the 07/21/2022 Silver Lake Watershed Commission (SLWC) meeting Village of Perry (VoP) officials revealed that a coffer dam was scheduled for installation at the Walker Rd Bridge on 09/19/2022.

The Silver Lake dam camera shows the water level on 08/10/2022 was 91”.

Walker Rd Bridge

Please consult last month's report. We are unaware of any changes.

There has been recent measurement, surveying, and coring activity on and around the bridge.

Harmful Algae Blooms (HABs)

SLAWQ has explained the NYS HAB program at numerous SLA meetings. On 06/24/2022 and 07/03/2022 one or more individuals reported small, localized HABs at the State Boat Launch area.

Dredging

There was an update provided at the 07/21/2022 SLWC meeting. Steve Perkins formerly from the Wyoming County Health Department is still spearheading the efforts and he mentioned that the total project may be expanded to include Eberstein Tract. A \$3.2-3.4M estimated budget was mentioned. The effort would be multi-faceted with a combination of in-lake, on nearby land, and off-site sediment relocation/removal. Current effort is centering on securing needed land approvals by Fall '22 with an eye toward targeting grant funding sources after all arrangements and approvals are in hand. The next step after land approvals are in hand is a comprehensive planning grant submission.

Silver Lake Experience

The multi-day event went off on August 4-7, 2022. Todd Shuskey's presentation was well attended and very well received.

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 spoke at the last SLA meeting.

She is scheduled to be on-site from Friday, May 27 through Labor Day weekend (Friday-Monday 8:00AM-6:30PM).

We will be giving Jenelle a gift card for all her hard work.

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.

We have not heard anything for several months. Lee Loomis will follow up this week.

Flares

The SLA should discuss chemical flare and tart tin plans for 2023.

Planting Session

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

In late July we toured several sites within the watershed.

The preferred site is located at the N-end of Shearman. We have reached out to the property owners to set up a meeting.

Planting Plaque

We have secured permission from the State Parks to install a map/plaque highlighting our planting efforts at the Silver Lake State Park. We are working with the Village of Perry to install a similar plaque at the Perry Public Beach.

Japanese Knotweed

The first spraying was carried out on 07/07/2022 with very little heads up.

A second spraying is planned for some time in August.

Golf Tournament

The SLA/CLEAN Golf Tournament went off on 07/30/2022 without a hitch.

The weather was perfect and all feedback was very positive.

A special thank you to Joe Caputo and Karen Norton for their tireless work. A special shout out to all the donors and volunteers who helped to make the event so successful.

Temperature Array

The temperature array remains off line.

2022 CSLAP Campaign

Six (6) of eight (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 is now (!!) available online:

https://www.dec.ny.gov/data/IF/CSLAP/2021_CSLAPreport_Silver%20Lake%280403SIL0115%29.html

Perry Central School Activities

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.

Our next meeting will be held on September 9, 2022 at 4 pm.