

SLA Water Quality Report

(for September 10 and October 8, 2022)

Silver Lake Dams

Both Silver Lake Outlet dams have leaked for a prolonged period of time and plans were put in place earlier this year to rectify the problem. Progress was regularly provided on the SLA and CLEAN web and Facebook pages. To recap coffer dams were installed at the Walker Rd Bridge, the dam gates were repaired, the coffer dam was removed, and the outlet was refilled. This all occurred on schedule. SLAWQ is unaware of any substantive issues.

Walker Rd Bridge Replacement

Please consult previous reports.

Harmful Algae Blooms (HABs)

Please consult previous reports.

Dredging

Please consult previous reports.

Silver Lake Experience

Please consult previous reports.

Watercraft Inspection Steward

Jenelle Grigelevich completed her responsibilities at Silver Lake on Labor Day 2022. A summary is attached at the end of this report. SLAWQ sent Jenelle a gift card and a Thank You note acknowledging her efforts.

Sewer System

The SLAWQ team reached out to the Town of Castile (ToC) Supervisor to discuss long range maintenance plans surrounding the sewer system. After several months without a response, we had a chance meeting with a ToC Councilman and they suggested we get on the schedule at a ToC Board meeting.

We are currently fine tuning a document describing our efforts at Silver Lake and seeking answers to questions about the Silver Lake sewer system.

Flares

Please see previous reports.

Planting Session

Location: Silver Lake State Boat Launch

Date: Friday, October 14, 2022

Start Time: 9:00 AM

We will be removing the original tree tubes from the trees that we installed back in 2019 and 2020, clearing out around these trees, placing down weed barriers, and installing new weld-wire tree cages. We will also be installing a few new trees and more shrubs and protecting each new shrub/tree with weld-wire cages. Finally, we will be removing small, dead trees and debris from within the tributary. (New York State Park's will remove any large, dead trees that we cannot get out ourselves.)

Volunteers are necessary to execute each of these projects!!

If you can help, please email Frank Bright (chefvb@buffalo.edu) ASAP.

Planting Plaque

As we described during previous SLA meetings, we are working with students at Perry High School (Todd Shuskey) and seeking to install plaques highlighting our planting efforts at Silver Lake. We secured permission from the State Park in early 2022. We continue to work with the Village of Perry.

Japanese Knotweed

A-TIP has come to Silver Lake three times and sprayed. One site was sprayed three times, most other sites were sprayed twice, and two newly identified sites were sprayed once.

The knotweed is dying off well and it is being cut down by SLAWQ. Targeted completion is late Oct/early Nov.

A follow-up spraying may be needed in spring '23.

Golf Tournament

Please see previous reports.

The 2023 Tournament will be held at the same venue on Saturday, July 22, 2023 (9 AM Tee time).

Temperature Array

Please see previous reports.

2022 CSLAP Campaign

The 2022 season has ended.

The 2021 CSLAP Report is available online:

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

Look for the full 2022 report in spring/summer 2023.

Perry Central School Activities

Please see previous reports.

The first complete set of analytical data on the sample cores were provided to Todd Shuskey in late-Sept.

Milkweed

Monarch butterflies are one of the most beautiful and recognizable butterfly species in North America. In addition to being effective pollinators, monarchs are widely known for their multi-generational migration from the northern United States and Canada to their overwintering spots in Mexico and Southern California.

Sadly, over the past two decades the monarch numbers east of the Rockies have fallen by 80 to 90 percent. The monarch's decline is in large measure due to shrinking milkweed habitat.

SLAWQ proposes the purchase of up to 500* Milkweed plants for replanting at residential properties where knotweed was removed (2 sites) and also for lake-wide distribution. We suggest plants be given out for free, purchase costs be split evenly between SLA and CLEAN, and a "prize" be given out for the best planting.

*The actual number will depend on the nursery's price/plant.

Diver Day

Please see previous reports.

NYS Federation of Lakes Meeting

The annual NYSFOLA meeting will be held on Saturday, October 22, 2022. Registration has closed.

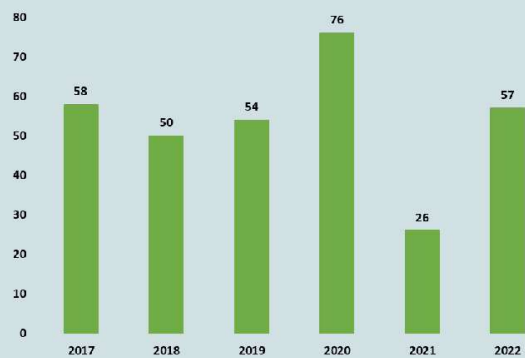
Our next meeting will be held via Zoom on March 3, 2023.

Silver Lake State Park

2022 ESF-NYS OPRHP Watercraft Inspection Steward Program

2022 Season Totals	
Number of inspections	1508
Total number of boats	1648
Boats per day (average)	57
Total hours worked	287.5
Number of people interacted with	4150
Average group size	2.7
Number of states launch users came from	14
Boater agreement rate	99.3%
Total organisms found	548
Total invasive species found	176
Percentage of boaters who took AIS spread prevention measures prior to arrival	78.1%
Number of new commitments to CDD	879

Average Number of Boats per Day (2017-2022)



Native Species Found During Inspections:
Eelgrass, Native pondweed, Coontail, Elodea

1508 Inspections
4150 People Reached
176 Aquatic Invasive Species Intercepted

Invasive Species Found During Inspections:
Eurasian watermilfoil, Curly-leaf pondweed, Zebra mussel

2022 steward Jenelle with her table setup

