

Network News

*It takes a
Network to protect
a watershed.*



The Watershed Internship Program (WIP) on Cayuga Lake

Adele Hancock 2022 Community Outreach Intern

CLWN had three interns this past summer: Eden Lewis, Maria Lee and me. Eden created educational materials focused on reaching a diverse youth audience that is often not engaged in conversations of climate change. Maria wrote the weekly Harmful Algal Blooms (HABs) Newsletters that kept the public up to date with the latest information about HABs in Cayuga Lake.

I worked as a Community Outreach Intern, supporting the volunteer HABs Harriers, a collaborative community science monitoring program between CLWN and the Community Science Institute (CSI). I helped get the community involved in improving the lake's water quality. This summer I also worked on finishing up my Master of Professional Studies (M.P.S.) in Natural Resources at Cornell, where I am working on science communication and HABs.

One of the things I was most excited for this summer was the numerous opportunities for collaboration with other like-minded organizations. This year was the pilot year for the Watershed Internship Program (WIP) on Cayuga Lake. Hosted by Discover Cayuga Lake and managed by Astrid Jirka, this program brought together interns from several local organizations focused on a variety of watershed related issues. The 2022 WIP group included interns from Discover Cayuga, Paddle-N-More, Sustainable Finger Lakes, and of course, Cayuga Lake Watershed Network! Each organization brings a different lens to



“As the Community Outreach Intern, I’m striving to strengthen and build new connections between the people living in the Cayuga Watershed and CLWN. I want to help people learn about what is happening in their watershed, and what they can do to help improve its future.”

Adele Hancock
Community Outreach Intern

the same watershed, and they run the gamut of resource management to youth education and access equity.

Our weekly meetings as part of this interdisciplinary team allowed the participating CLWN interns to learn how different types of organizations operate to achieve the same goal. For example, Paddle-N-More is the only for-profit organization that participated, and is concerned with watershed protection. Their work is done by engaging people, both locals and tourists, through paddle sports in hopes of sparking interest in sustainable management that allows for

the recreational enjoyment of Cayuga far into the future. Sustainable Finger Lakes, on the other hand, focuses on maintaining the social infrastructure needed to bring sustainable living to communities. The methods of improving the watershed are different for each participating member, but the larger goals of sustainability and protecting our local natural resources are shared.

Goals for the WIP included creating opportunities for the interns to learn about each organization, their methods, the current and expected impacts of

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The Cayuga Lake Steward's Report

Liz Kreitinger CLWN Steward & Executive Director

Dear members and friends:

As of October 2022, it will have been seven months since I began as Steward/Executive Director of the Cayuga Lake Watershed Network. And what a busy start it's been!

We've hired three dedicated interns who supported the HABs monitoring partnership, youth climate outreach, and watershed outreach efforts (pg 1). Community education and outreach has continued with Embrace the Lake litter clean-ups (pg 8) and invasive species awareness events. We've had successes in securing grant funding from the NYS Pollution Prevention Initiative to support the expansion of our Lake Friendly Living and Watershed Living in a Changing Climate programs into local classrooms in partnership with DiscoverCayugaLake next year. We are nearly done with our 2022 Annual Campaign. The Network has ambitious goals. We're so thankful for your support of our work, for caring for and celebrating this beautiful lake and watershed.

We all have a role to play in the health of our watershed, and the Network is a proud member of the Lake Friendly Living Coalition of the Finger Lakes. We are so proud of Program



Steward Liz Kreitinger and Outreach Intern Adele Hancock compiling Board election results at CLWN's mid-August annual members meeting and picnic.

Associate Jenn Tufano's role in support of the Lake Friendly Living Month programs this year and for hosting three great public programs here in the Cayuga Lake Watershed, including a return to in person programs with our Rain Barrel Workshop (page 6)! I encourage all readers to explore the Cayuga Lake's Lake Friendly Living Handbook on our website and take the pledge.

I would like to take a moment to thank Jenn for her 7 years of dedication to CLWN. Her work has contributed to growth of CLWN's programs and of our organization, behind the scenes. Recently, Jenn has moved on from our organization to a new and exciting professional opportunity but her support during my first 6 months with the organization was a tremendous asset! It is certainly a season of change, and I look forward to introducing you to our new Program Associate before the end of the year.

Over the summer, I spent many hours meeting partners and learning what it takes to keep our organization connected and serving the wide-ranging group of stakeholders who are interested in the protection of our Lake and its watershed. We are active representatives in the Tompkins County Water Resources Council, Cayuga County Water Quality Management Agency, Finger Lakes Regional Watershed Alliance, HABs Monitoring Partnership, and Cayuga Lake Hydrilla Task Force. We are also working closely with the Cayuga Lake Intermunicipal Organization, DiscoverCayugaLake, and the Community Science Institute! Curious to learn more about these partnerships and how they benefit Cayuga Lake? Stay tuned, we look forward to highlighting them in our upcoming Newsletters! 🐾

Become a Member of the Cayuga Lake Watershed Network!

PLEASE JOIN CLWN, your lake's watershed protection organization. Your membership strengthens our ability to protect the lake at the center of our lives. **ENCOURAGE FRIENDS, FAMILY, GROUPS AND BUSINESSES TO JOIN.** You can use the form below to join or renew. Mail completed form with check to CLWN, PO Box 348, Aurora NY 13026. *Thank you.*

Name _____

Address _____ City _____ State _____ Zip _____

Email _____ May we add you to our listserv? ☐ Yes ☐ No

We have membership levels to suit everyone's needs. Please check one of the levels below.

- | | | | |
|---|--|--|--|
| <input type="radio"/> \$10 Student/Senior | <input type="radio"/> \$35 Family | <input type="radio"/> \$50 Business/Farm | <input type="radio"/> \$250 Lake Sponsor |
| <input type="radio"/> \$25 Individual | <input type="radio"/> \$50 Organization/Agency | <input type="radio"/> \$100 Headwaters Donor | <input type="radio"/> \$500 Watershed Benefactor |

We are growing and expanding our effective programs.

Would you like to make an extra donation to support this work?

\$ _____ Unrestricted – for general operations.

\$ _____ To support water quality tests on Canoga, Burroughs, Yawger and Milliken Creeks.

\$ _____ To expand our springtime Embrace the Lake creek, lakefront & ditches cleanups.

TOTAL ENCLOSED: \$ _____ Check # _____ (payable to Cayuga Lake Watershed Network please)

Payment can also be made via Paypal/credit card at our website www.cayugalake.org

Your Contributions to the Cayuga Lake Watershed Network are Tax Deductible.



Would you like

☐ 1 or ☐ 2

full-color CLWN logo
window stickers (4 x 6")

CLWN members & staff actively protect our watershed



Left: Volunteer training to help monitor water quality in our lake and creeks.

Right: Sharing information with the public about invasive species.

ALL PHOTOS: HILARY LAMBERT



Teamwork with
others to clean up
water pollutants—in
beautiful places!

If you are interested in learning about donating stocks to CLWN, please contact Jenn at programs@cayugalake.org.

Information about Per- and Polyfluoroalkyl Substances (PFAS)

Hilary Lambert Past Steward
George Adams CLWN Board member

Since the 1940s, PFAS have been used by industry for many processes and products (see accompanying diagram). What should be done to assess the harm they cause, and to reduce, manage, or eliminate these toxins from our bodies and the natural world?

This brief report is based on information from US EPA, NYS DEC, Earthjustice, CleanWaterAction, Environmental Working Group, and WaterWorld. Much scientific research has been carried out regarding PFAS impacts to human health, water quality, and the natural world. The Network is creating a PFAS Information Resources Fact Sheet for our website, which will include local water protection information.

What “forever chemicals” means, and where they are found

PFAS have been dubbed “forever chemicals” because they are extremely persistent, lasting thousands of years. They are a class of 5000 chemicals used to make products grease-proof, waterproof, and stain resistant. PFAS are found in food packaging, non-stick pans (yes, still!), firefighting foam, carpets and rugs, waterproof clothing and outdoor gear, personal care products, and more. Some of these chemicals have been banned, and subsequently replaced by different chemicals with similar effects.

Health effects

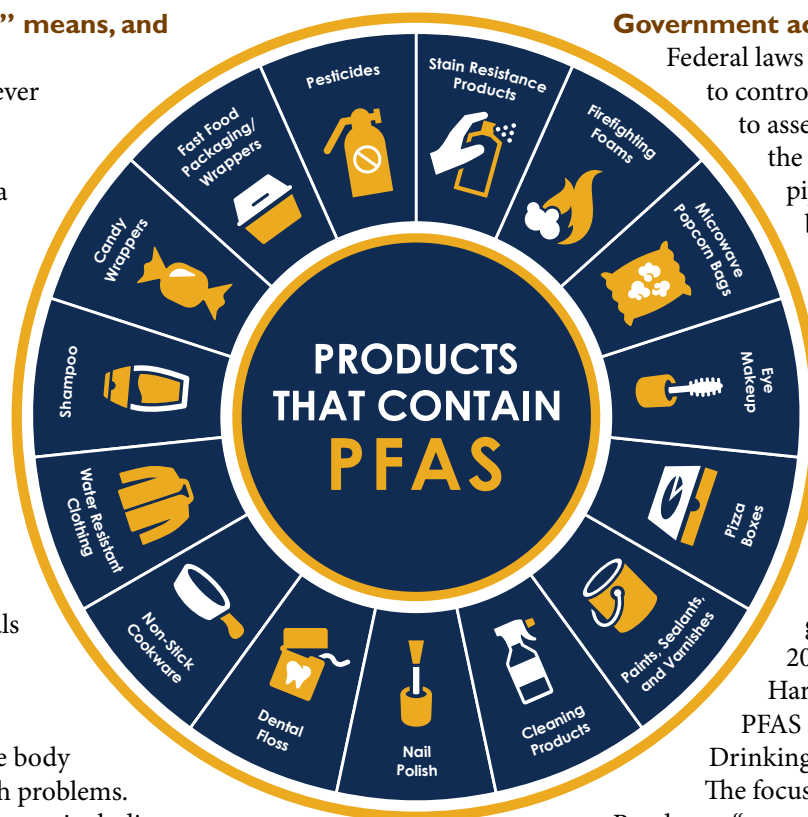
Small amounts of PFAS in the body can cause many serious health problems. Certain PFAS are linked to cancer, including kidney, liver and testicular cancers. In addition, PFAS exposure may increase the risk of high cholesterol (which triggers heart attacks), reproductive toxicity (linked to birth defects and infertility), developmental toxicity (linked to lower IQ) and for pregnant women, preeclampsia, which includes high blood pressure and is linked to kidney disease. For more information: www.cleanwateraction.org

Water quality impacts

According to the national Environmental Working Group, “The number of U.S. communities confirmed to be contaminated with the highly toxic fluorinated compounds known as PFAS continues to grow at an alarming rate. As of June 2022, 2858 locations in 50 states and two territories are

known to be contaminated.”

The EWG has developed an interactive map, PFAS contamination in the US to June 8, 2022: https://www.ewg.org/interactive-maps/pfas_contamination/ The latest update of this interactive map documents PFAS pollution in public and private water systems. Details about EWG sources and methodology are provided.



Government action

Federal laws introduced in 2021 and 2022 to control industrial use of PFAS and to assess health impacts and inform the public, are in the legislative pipeline, their passage slowed by opposition from chemical companies. In June 2022, the Biden-Harris Administration announced “new findings and actions that will help to protect Americans’ drinking water from contamination, including from “forever chemicals” like per- and polyfluoroalkyl substances (PFAS).” See more at www.whitehouse.gov/briefing-room “June 15, 2022 FACT SHEET: Biden-Harris Administration Combatting PFAS Pollution to Safeguard Clean Drinking Water for All Americans.”

The focus is on EPA’s new PFAS

Roadmap, “a comprehensive strategy that outlines concrete actions over the next three years, including steps to control PFAS at its sources, hold polluters accountable, ensure science-based decision making, and address the impacts on disadvantaged communities.” Read EPA’s PFAS Roadmap: www.epa.gov/pfas “PFAS Strategic Roadmap: EPA’s Commitments to Action 2021-2024.”

NYS action

Since 2015, New York State’s Department of Environmental Conservation (DEC) has been at the national forefront of quantifying the extent of PFAS contamination, developing the tools to take corrective action to address contamination issues, and to regulate PFAS as hazardous substances.

In 2021, “to ensure consistency in sampling, analysis,

assessment, and reporting of PFAS under DEC's Part 375 remedial programs, DEC developed a technical guideline document on PFAS sampling and analysis. The June 2021 PFAS Guidance Document includes sections on recommended field sampling procedures, data assessment and screening, testing for imported soil, and analysis and reporting of results." For information beyond the scope of this summary article, please see DEC's page "Per- and Polyfluoroalkyl Substances (PFAS)" <https://www.dec.ny.gov/chemical/108831.html>

Summary—conclusions

To summarize the present impacts of PFAS and PFOS on health, environment, and water quality, imagine a table with two columns: Known and Unknown. And in each column a long list of important questions:

- (1) How much and what forms of these substances are in MY water supply?
- (2) Toxic concentrations are established for only a few specific members of this family of substances, but many more are found in our environment. Some of these concentrations are barely detectable and some of the known health effects are chronic or fatal. When will research on health effects catch up to all the forms that have leaked or been tossed into our air, water and soil?
- (3) What manufacturing and consumer products release these substances into our environment and which of them have workable safe substitutes or can just cease use because the convenience does not justify the risks?
- (4) When will limits, regulations and enforcement begin to reduce the concentration of "forever" chemicals? This list goes on, with additions likely.

Here are clarifying comments from Cynthia Brock. She is a City of Ithaca Alderperson, Chair of the Ithaca Area Wastewater Treatment Facility Special Joint Committee, and Chairperson, Water Resources Council of Tompkins County.

"As we are coming to learn, PFAS and PFOAS exist in all waste streams, including our private homes, collection systems, septage receiving and leachate. These contaminants are of great concern to NYS and the DEC, and while there currently are no wastewater testing requirements for PFAS and PFOAS now, there are sure to be testing requirements in the future."

Those who drink water from Cayuga Lake should feel comforted in learning that New York State is ahead of the federal government in requiring testing and treatment enhancements if needed at drinking water facilities. Our drinking water plants, including Bolton Point, have already conducted enhanced testing for these contaminants and none were found to be above the detection limit, and they will test annually for these contaminants moving forward."

For the time being, be aware that actions by legislatures and regulators, if encouraged by concerned citizens, can accelerate the addition of important Knowns and removal of significant Unknowns to that table. It is a dynamic situation that will move in the right direction if we give it due attention. CLWN is keeping an eye on the developments and will post articles in the *Network News* and online when important changes move a question from Unknown to Known. 🐦

The Watershed Internship Program (WIP) on Cayuga Lake *continued from cover*

climate change on the Cayuga watershed, the greater web of sustainability, as well understand our own value as agents of change. Through this, we strengthened our skills as watershed protectors, and finished the summer more prepared to defend the environment through our future careers. 🐦



"For this summer's internship, I want to rethink and learn new ways of reaching young people. Historically and presently BIPOC (Black, Indigenous, and people of color) communities are left out of conversations regarding climate change. My goal is to ensure that the Youth Outreach Plan allows all youth to feel valued and included in environmental and climate justice movements."

Eden Lewis Youth Outreach Intern



"Aquatic life has always fascinated me, and I love learning about the connectivity between nature and people. This summer, I am excited to learn more about life in beautiful Cayuga Lake and to share knowledge with the vibrant surrounding community that makes this area so special."

Maria Lee HABs Outreach Intern

Lake Friendly Living Rain Barrel Workshop

Jenn Tufano Program Associate, CLWN

Ed Currier CLWN Board Member and **Nancy Currier** LFL Liaison

On May 17, the Network held an in-person rain barrel workshop as part of the Lake Friendly Living for Watershed Resiliency Awareness Month program. Participants constructed 55-gallon rain barrels to take home as part of the Lake Friendly Living program component to conserve water, contributing to overall watershed water quality.

The program was sponsored by Seneca County Soil and Water District, a strong Network partner for educating watershed residents about water friendly best practices for their properties.

The evening was led by Alaina Robarge, Ontario County Conservation District Educator, who first presented several lake-friendly tips to manage storm water around private properties. Then, using prepared plastic food-grade barrels, she demonstrated how to assemble key components to adapting the barrels for use. Afterward, participants

installed inlet, overflow, and outlet components on the barrels which Alaina had pre-drilled for ease of assembly.

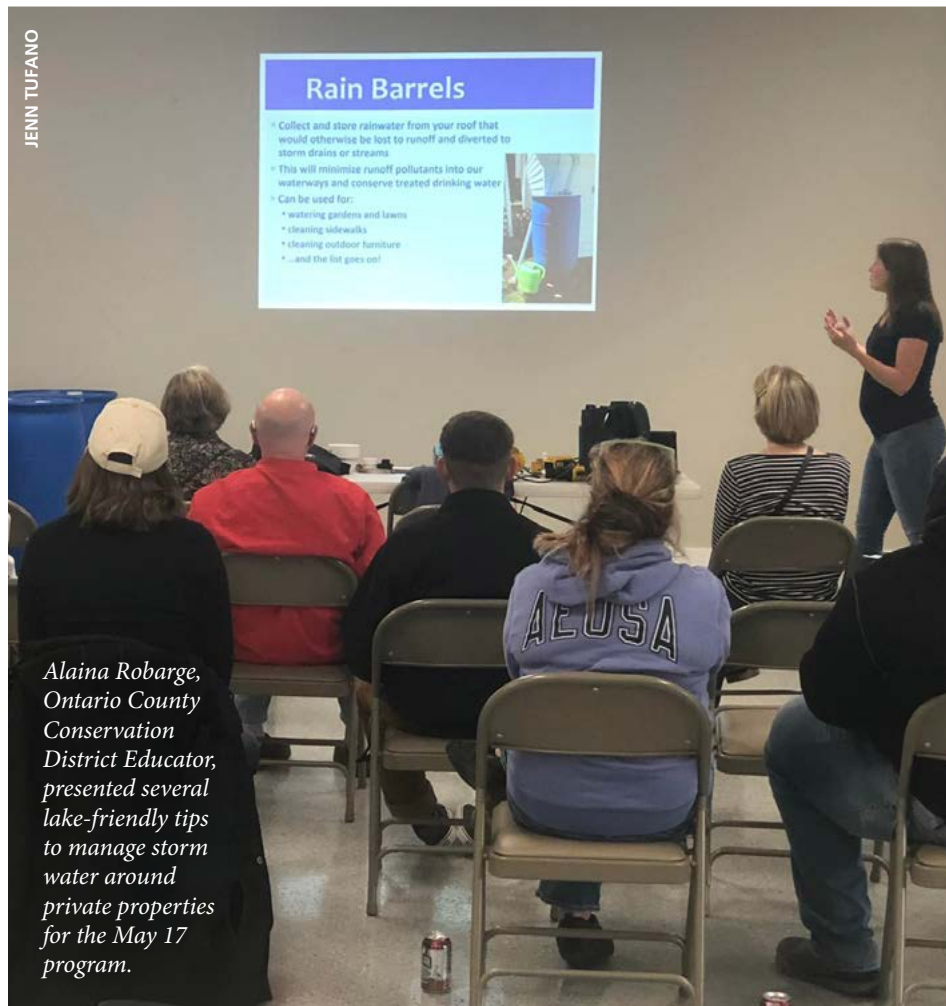
Participants also studied displays created by Erin Peruzzini, Seneca County SWCD, focusing on projects her organization carries out to improve water quality throughout the county which impacts both Seneca and Cayuga Lakes.

It was both an informative and fun evening for participants, some of whom traveled from nearby lake watersheds to attend.

The May 2022 Lake Friendly Living Awareness month offered in-person and

virtual opportunities for homeowners, business owners, and municipalities to learn more about how to implement water-friendly practices. All the webinars were recorded and available for viewing on the Network YouTube page—just search YouTube for Cayuga Lake Watershed Network.

For more information on the no-cost Lake Friendly Living program, including how to sign up, take the pledge, and receive a beautiful yard sign, please visit the Network website and search for Lake Friendly Living under the Resources heading. ➤



Alaina Robarge, Ontario County Conservation District Educator, presented several lake-friendly tips to manage storm water around private properties for the May 17 program.



People learned about rain barrels at the May 17 LFL workshop, sponsored by Seneca County Soil and Water Conservation District. Thank you Erin Peruzzini!

Nancy and Ed Currier are CLWN's wonderful volunteers for our Lake Friendly Living program.



JENN TUFANO



JENN TUFANO

Proposition 1

Turn over the November 8 ballot!

Keith Batman CLWN Board of Directors

On the reverse side of this year's November 8 ballot, you will find Proposition 1, the Clean Water, Clean Air, and Green Jobs Environmental Bond Act of 2022. The proposition is straight forward. Its intent is "To address and combat the impact of climate change and damage to the environment, and your vote is ..." similarly straight forward:

YES. To sell bonds and allocate the proceeds to fund up to **4.2 billion** to fund environmental protection, natural restoration, resiliency, and clean energy projects.

NO. No bonds, no money, no new funding for environmental projects.

The Proposition, and the bonds and expenditures it supports, have been called by many a once in a lifetime opportunity, and so it is. It is our opportunity to continue our work to support our watershed and its improvement with funding for drinking water protection, not just for Cayuga Lake but for all of New York State. It is our opportunity for water quality improvement, for the promotion of resilient infrastructure, for the promotion of renewable energy and reduction of air and water pollution, for environmental restoration including open space, and conservation protections.

The Proposition got to the ballot through a process that required its passages during two NYS legislative sessions and is supported by a long list of environmental groups including Scenic Hudson; Adirondack Council; New York League of Conservation Voters (NYLCV); New Yorkers for Clean Water and Jobs; Sierra Club; Environmental Advocates NY; the Nature Conservancy, and many more. The Proposition is also endorsed by WE ACT 4 Change and many labor unions and professional organizations including NYS AFL-CIO, NYSUT, Building & Construction Trade Council of Greater New York, the New York State Conference of Operating Engineers...and the list goes on.

It has been vetted, so we can be certain that it can deliver on its promises. Our Network shies away from taking stands on political issues, but this one is a non-partisan proposition that advances our mission, and so let us all go to the polls, tell our friends and family to go to the polls on November 8 and vote YES for our environment, to vote YES for Proposition 1. 🐾

Embrace the Lake!

Spring cleaning our waterways

Hilary Lambert *Past Steward, CLWN*

Deep gratitude goes out to everyone who picked up trash along our creeks, ditches, and the lakeshore this past spring. The Network took part in two events—and there were many others, organized by families, communities, church and Scout groups. These cleanups are a regular part of springtime activity for many. They are a great way to get outside and celebrate renewal and better weather—and this activity makes a big difference to our surroundings.



*Thank you
Caroline Byrne
for your help.*

In several ways, picking up and disposing of trash properly has an immediate impact for the better. First, the cleaned area simply looks better. I walk my dog along Hanshaw Road, and the view instantly improves after I grab that cup, that straw, that plastic food container from the roadside vegetation. We feel better in a cleaner setting.

When pieces of plastic are dredged out of a small creek, that liberates the aquatic plants that were struggling to grow, and helps restore the habitat for aquatic life forms living in the muddy streambank and stony creek bottom. I like to think of the crayfish enjoying their quiet lives in the newly-cleared creek pool. Similarly, I doubt that woodchucks living on the banks of the flood control channel near Ithaca's WalMart actually *prefer* having a plastic milk crate and layers of brown plastic bags framing the entrance to their den.

So gross—and so great that the annual cleanup gets rid of the trash that blows off the WalMart parking lot into the surrounding park area and waterway. See the photos of this year's cleanup, sponsored by Ithaca's First Baptist Church community.

Over time, plastic breaks up into tiny fragments that get into our water supply and the air we breathe. Many dumped items decay—cans of paint, solvents, oils, medicines—releasing unhealthy chemicals into waterways and soils. This longer-term pollution degrades the quality of our lives and of the natural world we inhabit. A few years back, I helped a Cornell student group carry out a trash cleanup along Cascadilla Creek near the campus. The area appeared natural and healthy—tall woods with deep leaf cover and green plants coming up. The few pieces of trash were easy to



ALL PHOTOS: HILARY LAMBERT

CLWN staff and volunteers pose with the trash collected from the Route 89 roadside rest area.



Wade Simmons cleans up trash next to Salamander Creek, at the Route 89 roadside rest area.



Members of Ithaca's First Baptist Church congregation help clean up near the WalMart parking lot.

spot and grab. But several of the students took a closer look, and found that the dark brown soil under the leaves was saturated with tiny bits of plastic and cigarette butts. They ended up spending the rest of the cleanup kneeling in a small area, sifting out the pollutants.

The point here is that anything we can do to put trash where it belongs, immediately makes a real difference. Local trash champion Paul Closs created One-Piece Wednesdays, and for several

years shared photos on Facebook of his Wednesday trash trophies from the Cayuga Inlet shoreline and water. Many followed his example—and continue to pick up discards and dispose of them properly. Thank you so much.

The Network is responsible for picking up trash from the roadside rest area on Route 89 north of Taughannock State Park. We are the official Adopt-A-Highway group for this site, thanks to the Department of Transportation. We

do two cleanups a year here. There are no trash barrels at this site, and signs tell people to take their trash with them. The result has been disgusting! Our first cleanups six years ago were epic. Eighteen bags of cans and bottles and diapers, piles of tires, rusted full cans of paint, giant tangles of plastic wrap, massive clots of cardboard, long green power cords wrapped around the plants and trees. Nowadays we are simply collecting the latest crop of discards—see photos of this past spring's get-together. About six people showed up—thank you all!

A small creek travels downslope here through thick woods to the lake below. I talked to a friend who used to live in the lakeside cottage there, and she said that the little waterway with tiny waterfalls is a great place to find salamanders. Just think of how much their quiet lives have improved since we started our regular cleanups! We have informally named the waterway Salamander Creek, of course.

Yes, this is an endless task. But what you do, actually helps. Thanks everyone. Embrace the Lake! 🐸

Funding For Tompkins County Septic System Improvements For Eligible Homeowners

(Ithaca, N.Y., September 27, 2022)—The Tompkins County Health Department is notifying the community about the availability of grant funds that will cover the costs related to septic system repairs or replacement. The Tompkins County Septic Upgrade Program (TCSUP) is funded through a Community Development Block Grant (CDBG) awarded by New York Office of Homes and Community Renewal.

This program makes funds available for low-to-moderate income homeowners in Tompkins County who are in need of septic system repair or replacement. Funding covers 100% of repair costs and applications will be accepted through April 1, 2023.

Approximately 14,000 homes in Tompkins County are outside of municipally owned sewer service areas and rely on **onsite wastewater treatment systems** (OWTS) to manage household wastewater. Estimates show that 60% of these systems are more than 20 years old, and that no records exist for 10% of the systems. Aging and failing OWTS can result in problems including backed up sewer pipes, contaminated water wells, or untreated sewage on the ground. The cost of replacing an OWTS presents a significant financial burden for residents.

“A struggling or failed OWTS can be a major barrier to safe and affordable housing for Tompkins County residents,” says Becky Sims, Environmental Health Specialist and TCSUP Grant Manager. “With replacement costs typically in excess of \$10,000,

a failed OWTS can place homeowners in a vulnerable position. The Septic Upgrade Program is an excellent opportunity for the Health Department to work with homeowners on a solution to both the public health hazards and the financial burdens associated with failed OWTS,” said Sims.

Applications are currently being accepted for funding by Thoma Developments Consultants, a business management consultant group that is administering the grant on behalf of the Tompkins County Health Department. Household income must be at or below 80% of Area Median Income (AMI), (e.g. \$80,150 for a family of 4); a complete table can be viewed online. Homes must be single-family, owner-occupied, and the property’s OWTS must be aging or in need of replacement. Other requirements may apply.

For more information and to apply for the TCSUP grant program, contact **Thoma Developments Consultants** directly at **607-753-1433**, Monday-Friday, between 8:30 AM – 4 PM. ➤



Senator Joe Mannion (50th Senate District) delivers the NYS Legislature's Lake Friendly Living Commemorative Endorsement (resolution) to (from left to right): Ann Robson, OWLA President; Adam Effler, Owasco Lake Management Council Executive Director; Frank Moses, Skaneateles Lake Association Executive Director; Jennifer Tufano, former CLWN Program Associate.

The Network's Annual Picnic & Board of Directors election 2022-2023

Hilary Lambert *Past Steward, CLWN*

THANK YOU to everyone who mailed in your ballots ahead of our August 9, 2022 Picnic and Annual Meeting, held at Taughannock Falls State Park in the central pavilion, near the lake.

This was our first in-person gathering since 2019 so there were lots of big smiles. A lot of people showed up—some only knew one another from Zooms, so there were fun introductions. The delicious food was provided by Dinosaur Barbecue, with flavorful vegetarian options.

A brief, sweet presentation was made by Deb Grantham and others to thank Hilary Lambert, the outgoing Steward. Hilary also spoke, mercifully briefly! David Wolfe, Chair of the CLWN Board of Directors, spoke about CLWN's past very busy year. Liz Kreitinger, who has been the Network's Executive Director and Steward since March 2022, talked about her work so far and mentioned

summertime work with CLWN interns, who were in attendance.

The election process was short and efficient. A new Board member is Keith Batman of Cayuga County. He is a wonderful asset for the Network, with a deep knowledge of government and a commitment to clean water. Following the Annual Meeting, the Board met in a short session to elect its Executive Committee for 2022-23. For photos and mini bios of the Board, please go to People under the About setting at our website. Our Bylaws and Strategic Plan are also available.

Executive Committee

David Wolfe, *Chairperson*
Norman Porticella, *Vice Chairperson*
Patricia Haines-Gooding, *Secretary*
Mark Benjamin, *Treasurer*

Board Members

John Abel
George Adams
Keith Batman
David Brown
Ed Currier
Eric Devin
Bill Ebert
Deborah Grantham
Mark Sarvary
Neil Schwartzbach
Dan Hill, *Liaison, Cayuga Nation*

The Network's Lakewear!

The Network has hats and shirts available for purchase!

All proceeds benefit the Network, and a portion of our earnings will be used to purchase future gear. Hats and shirts feature "AIS" (Aquatic Invasive Species), and logos from CLWN and our partners at the Finger Lakes Institute and Finger Lakes PRISM (Partnership for Regional Invasive Species Management) in Geneva.

We encourage anyone working with, volunteering to protect, or simply enjoying our lake and creeks, to purchase and proudly wear these items. They also make great gifts!

Hat or Shirt: \$25/each
Two of any combination
(two hats, or two shirts, or hat/shirt): \$40 total

Shirts are unisex, sized from adult Small to XXL.

Caps are adjustable, for adult head sizes. There's one color selection for caps and shirts—blue shirts, and cream caps with matching blue piping.

How to order

Please contact us at programs@cayugalake.org to place an order.

- Provide your name, mailing address, and number of items to be ordered, including shirt sizes.
- To calculate shipping costs, please provide your mailing address, so that we can calculate cost of shipping to your location, based on the number of items you order. We'll add that to the cost of the items, and provide you with a total amount for payment.
- Items will be shipped upon cleared payment. 🐾

They also make great gifts!



The mission...

The Cayuga Lake Watershed Network identifies key threats to Cayuga Lake and its watershed, and it advocates for solutions that support a healthy environment and vibrant, sustainable communities.



Cayuga Lake Watershed Network

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By appointment.

Please contact

steward@cayugalake.org
to arrange.

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Liz Kreitinger, Steward

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Newsletter Advisory Committee:

Nancy and Ed Currier

The Cayuga Lake Watershed Network thanks Leigh Dezelan of Dezelan Design and Pioneer Printing of Lodi for newsletter production excellence.



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- Advocate
- Protect

Current Resident

Upcoming Events *in the Cayuga Lake Watershed*

Check our website, listserv and Facebook page for announcements about events, and contact steward@cayugalake.org or programs@cayugalake.org for the latest information.

November 3 through the Spring (not Thanksgiving) Thursdays, 5:30-8:30 pm

Community Science Institute Biomonitoring open lab nights, CSI Lab in the Langmuir Lab building, 95 Brown Rd, Ithaca, NY.

Email adrianna@communityscience.org if you'd like to participate.

Invasive Species Management; Mallory Broda, NYS Office of Parks, Recreation, and Historic Preservation; Richard Ruby, US Army Corps of Engineers; Mike Robinson, NYS Department of Environmental Conservation.
Zoom information will be shared via the CLWN website and listserv.
Contact programs@cayugalake.org

November 17th & December 15th, 2022 • 9:00-10:30am

Listening Sessions for the development of a draft legislative proposal in support of Watershed Health and Farming Justice in New York State.

Host: Megan Brosterman, contact megan.brosterman@gmail.com for details.

December 5, 2022, 12:30pm Wells College Sustainability Perspectives series: **Challenges to Cayuga Lake and Opportunities to Protect It.**

Presenter: Liz Kreitinger, CLWN Steward/Executive Director

Zoom information will be shared via the CLWN website and listserv.

Contact programs@cayugalake.org ➤

December 1, 2022, 1:00-2:30pm 2022 CLWN Community Conference: **Hydrilla in Cayuga Lake, updates and panel discussion.**

Presenters: Sam Beck-Andersen and Kate Monacelli, Finger Lakes Partnership for Regional

