

# Share Your Thoughts

## Education and Outreach

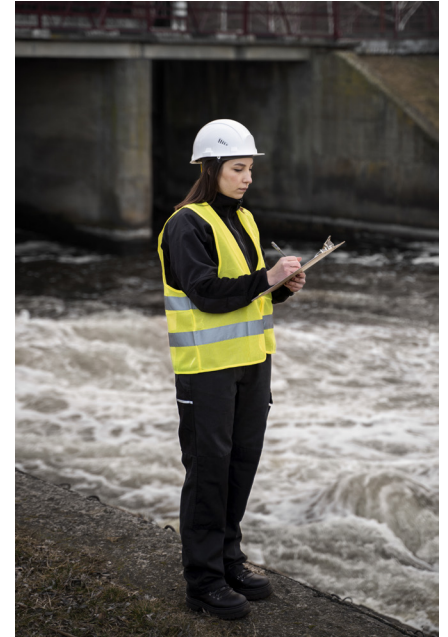
*By Krista Larsen, NH DES, Education Committee co-chair*

Workforce development, internships, continuing education, youth outreach, career fairs, Career and Technical Education Centers – just a few of the many topics that we have been thinking about, talking about, doing something about, or wringing our hands about the last few years. We know the wave of retirements are coming, and the demand for new professionals and technical workers is being felt across many trades. The NH Water Pollution Control Association (NWPCA) Education Committee has been focusing on what sets wastewater treatment careers apart from other industries, and the ways we can broadcast this message.

It's no secret, to us, that the water/wastewater industry is not as well known as other more visible trades. Your friends and neighbors generally know what an electrician or a plumber does, but how many people do you know that could easily answer the question of what a wastewater operator does? Or better yet, what is wastewater? The first step in workforce development is educating the widest possible audience about the key role our industry plays in protecting the environment and public health. Public Works Awareness Week, held annually on the third week of May, seeks to shine a spotlight on the many functions of our public works departments which oftentimes includes water/wastewater operations. Public Works Awareness Week is a great opportunity to showcase this critical role where the target audience is the community at large.

Next is targeting our message to reach potential candidates to join our industry as laborers, mechanics, electricians, IT and laboratory technicians, administrators, or operators. The obvious pool of candidates are high school students, and a ready-made pool are students currently enrolled in one of the twenty-eight Career and Technical Education Centers across New Hampshire. Our committee members, as well as many Association members, participate in career fairs and presentations across the state. Just this spring, Mark Corliss and Sam Brown from Winnepesaukee River Basin Program presented at Gilford High School's career day. Mark, Sam and I talked to a group of 20 students about the significant role that wastewater treatment plays in preserving our lakes and rivers, and the many career opportunities available now across the state at treatment facilities. The Education Committee is also working to establish relationships with the NH Employment Security, the Bureau of Career Development, and individual Career and Technical Education (CTE) Centers to inform and attract prime candidates to our industry.

The Education Committee will be announcing soon a new opportunity to recognize facilities and utilities that go above and beyond in public education and outreach.



*Continued on Page 3*

**NHWPCA Board**

*Michael Theriault,  
President*

*Aaron Costa,  
Vice President*

*Patty Chesebrough,  
Secretary*

*Mario Leclerc,  
Treasurer*

*Nate Brown,  
1st Director*

*Peter Conroy,  
2nd Director*

*David Webber,  
3rd Director*

*Anthony Drouin,  
1st Director at Large*

*Phil Boisvert,  
2nd Director at Large*

*Michael Trainque,  
NEWEA Director*

**Editor's Words**



Stephanie,  
Somersworth WWTF

Wow, this is the SUMMER edition of The Collector – how did that happen?! I would normally be looking forward to the unofficial beginning of summer, Memorial Day Weekend. My birthday conveniently falls somewhere during the long weekend each year so I would really take advantage and celebrate! Sometime during the long weekend, we would gather at Nonna’s. We would put the floating dock out, which involved crawling under the deck to retrieve the barrels and remembering that the ladder was kept in the outhouse and the hardware was kept in a bag hanging in the entryway. The water was usually COLD, but I always would dunk myself. Eventually the floating dock fell apart and the decision was made not to replace it. We would gather anyway and I would still dunk myself, regardless of the weather. I would kneel down so that Nonna could touch the top of my wet head. She would say that she was impressed, but that I was crazy.

Nonna passed away in January so my Memorial Day Weekend will be much quieter this year. I plan to do some cleaning/purging the week prior and take advantage of the neighborhood yard sale. It'll be time to finally put the vegetable seedlings into my garden that I've been nurturing inside the house. I will keep my birthday tradition of getting out for a hike, and stopping for ice cream afterwards.

We always have a loose theme for each edition of The Collector, and this edition focuses on education and outreach. As I mourn the changes in my personal life, I can look ahead and be excited about the changes in the wastewater profession. I recently welcomed a new IP Coordinator to “the best wastewater career”. Honestly, all our jobs are awesome, important and fulfilling. I challenge y'all to help spread this important message about what we do...please Share Your Thoughts!

**In This Issue**

Blurbs, Blurbs & More  
Blurbs

Announcements

Save the Dates

Safety Corner

Thoughts from the  
Bench

Residuals Report

Pretreatment Tales

NEIWPC's Youth  
and the Environment  
Program

Another Successful Trip  
to Washington, DC for  
Water's Worth It! 2024

Remarks from NH  
Congressman Chris  
Pappas

Overview of 304 rules  
for Certification of  
Wastewater Treatment  
Plant Operators

Photo Gallery



**Upcoming Events**

Go to [www.nhwPCA.org](http://www.nhwPCA.org) for live links to online registration

*Save  
the  
Dates*

Jun. 21 - Summer Outing with Board Meeting

Sep. 13 - Fall Meeting

Aug. 1 - NHWPCA Annual Golf Tournament

Sep. 19 - GSRWA Operator Field Day & Exhibit

Aug. 9 - Board Meeting

Sep. 26 - Construction Career Days

Aug. 24 - Fisher Cats Outing &  
"Green vs. Blue" Softball Game

Dec. 6 - Winter Meeting

**NEWSLETTER COMMITTEE**

Stephanie Rochefort, Mary Jane Meier, Dylan Delisle, Anthony Drouin, **YOUR NAME HERE.**

We welcome additional members. We are looking for meaningful articles for the Wastewater Operator in a timely fashion. Send submission articles for *THE COLLECTOR* to: Stephanie Rochefort via email at [srochefort@somersworth.com](mailto:srochefort@somersworth.com).

Editor: Stephanie Rochefort

*THE COLLECTOR* is the Official Newsletter of the NHWPCA  
For more information about the NHWPCA visit our website at [www.nhwPCA.org](http://www.nhwPCA.org)

Printed by **EVANSprinting**

155 River Rd. Unit 15, Bow, NH 03304 | 603-225-5529 | [evans1@evansprint.com](mailto:evans1@evansprint.com)

Many of us are doing great work in promoting our industry with tours, job shadowing, internships, and all kinds of public outreach. NHWPCA wants to recognize the champions of our industry and highlight the creative ways they are publicly showcasing our role in environmental protection and public health by presenting an annual Education and Outreach Award.

These efforts all lead to making our industry, and the benefits of a career in wastewater treatment, visible. This is being accomplished through multiple efforts within NHWPCA and is happening within many organizations and associations throughout New England. As we seek to ensure our efforts are effective and sustainable here in New Hampshire, our next opportunity will be to work with other groups across New England through a coordinated, cohesive program of education and outreach. Check out Work for Water New England, below.



### Please Join the Work for Water - New England Collaborative

In water utilities throughout the United States, skilled trades workers in key positions, like drinking water and clean water treatment operators, are retiring, and utilities are finding it difficult to replace them. The pipeline of qualified candidates entering these jobs has decreased significantly, as educational and social trends shift. Due to a national emphasis on the importance of college degrees and reduced awareness of the benefits and importance of skilled trades work, interest in this field of work and training opportunities have declined. Research on New England trends indicate that unless investments are made to address workforce issues, the reliability of the drinking water and clean water services provided to New England businesses and households is at risk.

These workforce challenges are too significant for individual utilities to solve on their own and are too complex to undertake on a regional basis without thoughtful planning and coordination. As a result, the New England Water Environment Association (NEWEA) and New England Water Works Association (NEWWA) combined efforts in 2022, on behalf of

all New England water utilities, to initiate a New England Water Workforce Collaborative (Work for Water - New England). This Collaborative aims to create a Strategic Plan to outline the proposed establishment of a regional workforce organization with the mission of addressing the most pressing water workforce challenges for long-term workforce sustainability and reliability.

Since January 2023, the Collaborative, which is comprised of drinking water and clean water utility leaders from each of the six New England states, has conducted in-depth research as part of a three-phase approach with the following outcomes:

- Identification of mission-critical job categories that most urgently need action and investments to address potential widespread vacancies;
- A Roadmap that identifies five key strategies for addressing workforce challenges, as well as potential partners, suggested actions, and recommended timelines for success; Please Join the Work for Water - New England Collaborative
- A governance structure for the proposed regional workforce organization that assures leadership by utilities but supports collaboration with all components of the water industry, as well as collaboration with partners with compatible goals (e.g., education, non-profit organizations, contract operators, consultants, regulatory agencies, and government programs focused on employment); and
- Recommendations for governance, implementation, staffing, funding, and in-kind services of the proposed regional workforce organization.

The Needs Assessment portion of the project is complete, a Roadmap has been adopted, and a structure for moving forward together has been identified. Although this reflects a year's worth of work and is a notable achievement, the most significant challenge—implementation—lies ahead. Because the project's design requires governance and implementation, there are opportunities for involvement from individuals in any segment of the water industry, as well as individuals working for organizations with complementary goals.

Please consider volunteering to participate in

achievement of one of the goals identified in the Work for Water-New England Roadmap:

- Coordinated Outreach
- Coordinated Recruitment;
- Collaborative Training;
- Effective Incentives;
- Effective Communication.

Staff members of drinking water, clean water, and stormwater utilities are encouraged and eligible to serve as a member of the Work for Water- New England Governing Board, or as the Chair of one of the committees focused on Roadmap goals. If you are a member of any other sector of the water industry or engaged in a sector with compatible goals (e.g., education, public health, or employment), you are invited to serve as a committee member.

The full Roadmap can be viewed online:

<https://www.newea.org/wp-content/uploads/2023/11/New-England-Water-Workforce-Roadmap.pdf>



If you would like to learn more about this effort, ask questions, or express interest in any of these roles, please contact one of the following individuals:

- Mary Barry, Executive Director, New England Water Environment Association (NEWEA)  
MBARRY@NEWEA.ORG
- Kirsten King, Chief Executive Officer, New England Water Works Association (NEWWA)  
KIRSTEN@NEWWA.org

The Collaborative's final in-person workshop was held on April 22, 2024 and the final report will be published in May 2024. Please join us in our efforts to ensure water workforce sustainability through the creation of Work for Water - New England.



## Blurbs, Blurbs, & More Blurbs

**Charles "Chuck" Conway – A true WW Operator Champion passes away at 80**

Charles "Chuck" Conway one of Region One's original EPA employees worked on behalf of Wastewater Operators for 30 years to serve the needs of New England's wastewater treatment community. After retiring from EPA he worked for NEIWPC as a training manager where the classes he taught reached hundreds of operators throughout the region. He was a leader in providing technical assistance to wastewater operators as well as in pulling together the various state agency technical assistance providers.

The New England Area Wastewater Treatment Community has lost one of its charter members with the passing of Chuck Conway. In his own words from 2012, his wisdom and hope lives on.

"Time goes by fast when you are having fun. It has been a long journey since I traveled down the Merrimack River in 1968. We have spent billions to upgrade our wastewater infrastructure. Over the past 40 years, I have enjoyed working with wastewater personnel to optimize performance of our wastewater treatment investment. As a nation, we can't afford to backslide on our commitment to clean water. To protect and improve water quality for both the present and future, it is essential that we maintain our support for the frontline troops fighting against water pollution- our wastewater facility operators. I would like to thank my friends and all those I have worked with over the years for helping me find a career which brought me so much satisfaction." CRC

## NHWPCA scholarship winners by Jeremy Bouvier, Manchester WWTF

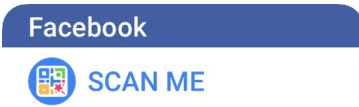
The NHWPCA scholarship committee met on Tuesday, April 2 and selected the winners of this year's scholarships. We had four high school applicants and three college applicants.

For the high school scholarship, all four students stood out in one way or another, but we voted to award the scholarship to **Iaian Nichol** of Winnacunnet High School. He is involved in many extracurricular activities, including being a licensed amateur radio operator and an Eagle Scout. He has also been awarded a number of honors, including the Presidential Volunteer Service Gold Award, National Medal for Outdoor Achievement, and the Dr. Bernard Harris Supernova STEM Award. Ian is attending UNH Durham next fall to major in

chemical engineering. He has taken a number of college level courses already and seems motivated to make a difference. Among other things, he talked about exploring innovative approaches to mitigate environmental impacts from manufacturing processes. We believe laian is well suited for this scholarship and well positioned to excel in his studies at UNH.

With respect to the college scholarship, all three students were excellent candidates. However, in the end the committee voted to award the scholarship to Alexis Eaton. Alexis is a dual major, expected to graduate this spring with Environmental Engineering and Sustainability degrees. She will be attending UNH as a post-graduate student in the fall, with the eventual goal of getting a Ph. D. She has had an internship with a well-recognized engineering firm and has published two papers related to research she has completed while studying at UNH. Her extracurricular activities include intramural sports, the Society of Women Engineers, and the Undergraduate Student Advisory Board. We wish Alexis all the best in her future endeavors.

### Your Association has QR codes for our website and social media sites...check 'em out!



NHWPCA.ORG



## NHWPCA Youth Outreach Committee Activity

The NHWPCA's Youth Outreach Committee is staying busy this year with events focused on our future water pollution control leaders! So far in 2024, we have

- Awarded two scholarships to students pursuing degrees in environmental studies
- Facilitated our annual Clean Water Week Poster Contest. We received 160 entries between grades 1-6 and awarded 12 students the opportunity to meet Governor Sununu as he helps kick-off off New Hampshire's Clean Water Week (June 2-8)
- Worked with NHDES at Wild NH Day, promoting clean water all while raffling off free fishing poles to children
- Began working with NEIWPC on a new Youth Environment Intern Program for NH that we are hoping to roll out next summer

Finally, we look forward to representing WWTF operations and the advantages of being a WWTF operator at Construction Career Day in September!

## Discover Wild NH Day

*By Phillip Boisvert, NHWPCA 2<sup>nd</sup> director-at-large*

Discover Wild NH Day was a wonderful event for the whole family. On April, 20th 2024 at the New Hampshire Fish and Game Department in Concord the annual event was held. Celebrating 34 years of connecting residents to the outdoors, the event has grown considerably and several attendees have made it an annual event to visit. My involvement with the NHWPCA is what drew my initial attention to this event. Nearly all aspects of outdoor sports and environmental conservations were well represented. Local craftspeople had booths throughout the event selling outdoor related products.





To see so many people connecting all the different avenues that draw us together was such a joy. People of all ages had something to grab their attention from outdoor sports and hiking to environmental resource and wildlife conservation/management. Of course, my highlight was going to the NHWPCA booth to see Anthony Drouin (NHDES) and Casey Rosenberg (Wright-Pierce) raffling off fishing poles for the children. Anthony's voice rang over the bustling crowds bringing dozens of event-goers to the area. It was a great place to bridge the gap between the casual enthusiasts and the dedicated professional. The kids enjoyed how varied all the exhibits were and the general kindness and passion everyone displayed for their disciplines. In all it was a well spent day and a perfect display of what it takes to keep everyone involved to enjoy the outdoors in a responsible way that preserves this great state for future generations.

## Announcements



### NH Water & Wastewater Managers School

#### Apply for the Class of 2025

The NH Department of Environmental Services (NHDES), the NH Water Pollution Control Association (NHWPCA) and the NH Water Works Association (NHWWA) are pleased to announce the next session of the NH Drinking Water & Wastewater Managers

School for 2025.

Application to the program is open to drinking water and to wastewater professionals preparing for future management or supervisory positions, as well as current managers and supervisors who wish to improve their management skills. Course topics include municipal and utilities legal concepts, budgeting, personnel management/human resources, communication skills, education and outreach, public information and messaging, and instruction by current NH water and wastewater utility managers.

All applicants must complete Form A and Form B and have them submitted to:

NHDES-WWEB, attention: Wade Pelham, PO BOX 95 Concord, NH 03302

or emailed to [wade.pelham@des.nh.gov](mailto:wade.pelham@des.nh.gov).

Forms are due by December 31, 2024 for consideration. Each applicant will be notified of individual selection results by January 31, 2025.

If you have any questions please contact Wade Pelham, NHDES at (603) 271-2818 or [wade.pelham@des.nh.gov](mailto:wade.pelham@des.nh.gov).



Form A



Form B

#### Program Details

Concord, NH. In addition to this classroom time, there will also be a utility exchange where candidates will spend a day with the manager of another water utility; time outside of class involved with preparing presentations; and time outside of class performing outreach promoting water utility/environmental concepts. Individuals who complete the course will be awarded 70 training contact hours (7.0 CEUs), approved for NH DW and WW operator certification continuing education credit.

There is no cost to apply. For those accepted into the program, tuition is \$750 per person, with full payment due by February 28, 2025.

One scholarship is available on a competitive basis

from NHWPCA. Scholarship applications are due by November 1, 2024, and the winner will be announced at the 2024 NHWPCA Winter Meeting in December. Apply on NHWPCA’s website:

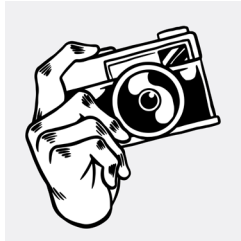


Scholarship Application

## Photo Submission Contest

Enter by September 30, 2024

The wastewater field has talented operators and amazing infrastructure protecting our communities and the environment each day, however these aspects are often unseen by the general public.



In order to help raise awareness of the great work being done, the NHWPCA is holding a photo contest. NHWPCA members and friends are encouraged to submit photos highlighting the hard-working people, facilities, and the infrastructure that protects the public and the environment every day.

There will be prizes awarded in two separate categories: “The People of Clean Water”, showcasing the hardworking folks of the industry, and “Equipment and The Environment” showcasing the environment that we work so hard to protect and the equipment that makes it possible.

The winner in each category, as voted by the NHWPCA Board of Directors, will receive a \$20 Dunkin gift card! Contest ends September 30th.

(All individuals submitting content agree to allow NHWPCA use of the material free of charge)



Submit a Photo

## Plant of the Year (POTY) Award

Submit a Nomination Today

NHWPCA’s Plant of the Year Award, also referred to as the POTY Award, is presented to a New Hampshire Wastewater plant to recognize excellence in following US EPA and NHDES permit requirements.

This is a worthwhile undertaking for your plant and could get you and your colleagues the recognition you deserve for all the hard work and dedication that goes into making your plant run well.

The period covered is from January 1 through December 31 of the previous year. A site visit will be conducted for all finalists and all information submitted will be verified.

Applications must be submitted by **August 30, 2024**.



Plant of the Year Nomination



## 2024 Fall Meeting

David Webber, Operations Supervisor, City of Concord WWTP

Friday, September 13, 2024

Newington WWTP, Newington, NH

The Newington Sewer commission will be hosting the 2024 Fall Meeting. The tour will include the upgrades completed in 2018 to meet the 2020 Great Bay Total Nitrogen General Permit. The presentations and business meeting to follow will be held at Cisco Brewers Portsmouth.

# NHWPCA 2024 Winter Meeting

Friday, December 6, 2024

**Town of Merrimack WWTP  
Double Tree by Hilton Nashua**

The Town of Merrimack, NH is pleased to welcome all visitors to tour their WWTF as part of the NHWPCA Winter Meeting on December 6, 2024.

Recent upgrade projects to be highlighted new screenings building, compost facility upgrade, admin area, Primary and secondary clarifiers, electrical and control systems and new generator. The meeting and luncheon will be at Double Tree by Hilton Nashua, which is located four miles from the treatment facility. We look forward to seeing you there!

Morning refreshments and snacks will be provided. Following the tours, a luncheon will be held at the Double Tree by Hilton Nashua. Attendees will be eligible for CEUs.

## EVENT SCHEDULE

8:30 AM–Tours begin at the Merrimack WWTF

10:30 AM–Last tour

11:00 AM–Gather at the Double Tree by Hilton Nashua for presentation, appetizers, and lunch

11:30 PM–Presentations by Wright-Pierce and the Town of Merrimack

12:00 PM–Buffet Lunch

1:00PM–NHWPCA Business Meeting

1:30 PM–Holiday Raffle

## 2024 Golf Tournament

Thursday, August 1, 2024

**Beaver Meadow Golf Course, Concord, NH**

The New Hampshire Water Pollution Control Association is preparing for its Annual Golf Tournament to be held on Thursday, August 1, 2024 at the beautiful Beaver Meadow Golf Course in Concord, NH. Registration begins at 7:15am with a shotgun start at 8:15am. Please arrive no later than 7:45am.

The tournament will be played as a four-person scramble “Best Ball”. You may make up your own teams. If you are a single or a twosome we will gladly place you on a team.



# Fisher Cats Outing

Saturday, August 24 2024

On August 24th, NHWPCA will co-host **with** NHWWA YP Committee for the annual Fisher Cats Outing and the third annual “Green vs. Blue” Softball Game.

**Ticket sales and softball sign-ups will open at a later date.**



## Safety Corner

### CYBERSECURITY is all about SAFETY


*by John Hart; NHWPCA Safety Committee Chair*

Lisa McFadden of the Water Environment Federation has raised this concern regarding Cybersecurity:

“Pro-Russia hackers seek to compromise industrial control systems (ICS) and small-scale operational technology (OT) systems in various North American

**Engineering a better environment**

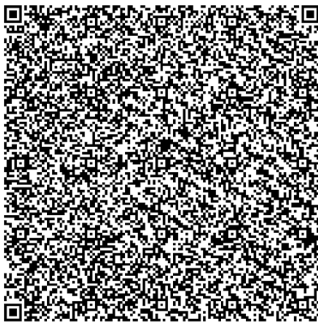
Sustainable water infrastructure that drives community prosperity

**WRIGHT-PIERCE** 

888.621.8156 | [wright-pierce.com](http://wright-pierce.com)

and European critical infrastructure sectors, **including Water and Wastewater Systems**, Dams, Energy, and Food and Agriculture Sectors.

With U.S. and international partners, the Cybersecurity and Infrastructure Security Agency published a joint fact sheet, "Defending OT Operations Against Ongoing Pro-Russia Hacktivist Activity," which provides information associated with cyber operations by pro-Russia hacktivists and includes recommended mitigations. These actors seek to compromise ICS by exploiting virtual network computing remote access software and default passwords used by modular ICS hardware, such as connected human machine interfaces.



*Defending OT Operations Against Ongoing Pro-Russia Hacktivist Activity Fact Sheet*

Since 2022 and as recently as April 2024, pro-Russia hacktivists have continued malicious, but unsophisticated techniques, as open-source reporting has indicated activity ranging from distributed denial of service, data leaks, and data wiping. While known to exaggerate their capabilities and impacts, these actors were observed targeting vulnerable North American and European ICS and causing limited physical disruptions.

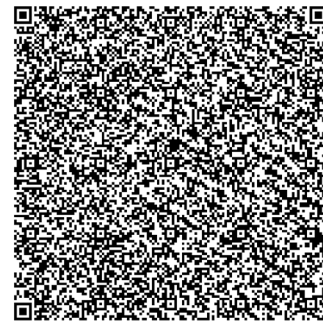
All OT operators in critical infrastructure sectors are encouraged to review the fact sheet and apply the recommended mitigations to reduce risk of compromise. Recommended actions include limit exposure of OT systems to the internet; immediately change all default passwords of OT devices; use strong, unique passwords; and implement multifactor authentication for all access to the OT network."

Please take this cautionary warning with serious consideration. It has already happened to more facilities than we can imagine.

**Work Zone Safety & Awareness**

It's the time of year again, and construction projects

are really taking off! We all need to remind ourselves and our coworkers about work zone safety. Recently, there was a tragic accident in MA that involved a traffic control police officer being struck and killed by a piece of equipment at the jobsite he was working a detail on. Distracted drivers seem like the highest risk of injury; however, jobsite distractions can unfortunately happen to anyone. Please look out for yourselves, your co-workers, contractors, and associated traffic control personnel when on a jobsite. It doesn't have to be just the streets and roads which our utilities are on, it applies to ANY jobsite. Please remember to wear your proper PPE, so you can go home in the same condition that you came to work in. Check out this link for more information: <https://www.dot.nh.gov/services/work-zone-safety-training>



For any questions or requests for other safety topics you want to see, please reach out to John Hart at [jhart@r-r-inc.com](mailto:jhart@r-r-inc.com) or 207-747-8597. Additionally, the NHWPCA Safety Committee is looking for any Safety Training topics and we will do our best to accommodate.

Please be safe everyone!





# Thoughts from the Bench

By Stephanie Rochefort, City of Somersworth WWTF



I don't have a telephone in my lab here in Somersworth. The reason that I don't have a phone is because it would be annoying to hear it ring and not be able to answer. When I'm in the middle of analyzing samples, there is no time to spare for a phone call. Some samples have a short hold-time. Other samples have multiple steps that can't be stopped once you've begun. And my hands are wearing nitrile gloves and are often wet. I've been doing this work long enough that I can talk to people while I'm working. Well, some people... And, some work... Phone calls typically require more than just talking so I can't handle those when I'm analyzing samples...you think?

I do have a telephone in my office, which is right next door to the lab through a door that I normally keep open. There's an answering machine connected to it, so it doesn't bother me to hear it ring. I also conveniently keep my water bottle and coffee mug in my office. When I'm popping in for a quick sip, I can see if the ringing phone resulted in a message. If I have a moment, I might even listen to the message.

Now, we all have cell phones in our pockets. My cell phone usually stays in my pocket (remember the wet nitrile gloves I'm wearing?!). Sometimes I leave it on my desk in my office. My watch is synced to my phone which is pretty handy. I can quickly glance at my wrist and see if I'm getting a phone call from a family member that I need to respond to right away, or if I'm getting a text from a friend about meeting after work to try the latest beer at Czar's.

Today's cell phones are more than just phones, and

do come in handy in the lab. Many chemical bottles arrive with QR codes to download SDS and COA information. Sometimes lot numbers on chemicals and serial numbers on equipment are so tiny that the magnifying app on the phone really saves the day! I take photos with my phone to add to SOPs. If I can't quickly find one of the several calculators scattered around the lab, I can pull out my phone and use the calculator app. If I'm worried that I'll get busy and ignore the posted time-window to read-out an e-coli sample on a Friday, I'll set an alarm on my phone. And I can ask my watch to set a timer!!! Yes, I have an actual timer that I use with the settlometer and most of the equipment have timers...BUT sometimes there's just too much noise and too much beeping in the lab so a quiet vibration from my watch is much nicer. If I set a fifteen-minute timer, that gives me enough time for a cup of coffee in my office and I don't need to worry about not hearing the timer. Yup, I spent a lot of money for a watch that I use as a timer and to screen calls and texts...lol

Please get in touch with me, preferable via email and let me know what lab topics you'd like to read about next. Or talk to me when you see me at the summer meeting. If I talk to you in-person, I can always use my phone to make a note with any topic ideas!



## Residuals Report

### Phosphorus Regulation in Env-Wq 1600 Septage Management

By Wade Pelham, NHDES

There are many resourceful wastewater treatment professionals in New Hampshire devising effective solutions for environmental challenges. The following is a good example. In this case, operational innovations created a dynamic which simultaneously benefits the wastewater treatment plant process, local residents on septic systems, the sewer ratepayers, and the environment. Here is Sam Heffron, Operations Manager with the Town of Newmarket's Environmental Services Division to explain:

"The Town of Newmarket WWTF runs a 4 Stage Bardenpho process. In 2021 we were finding

that it was going to be necessary to start using supplementary carbon for the denitrification stage. Around the same time, we began increasing the septage we received due to local need and a disruption of local receiving sites available. We found that with the readily available carbon source provided by the septage we were able to optimize our nutrient removal process, while also avoiding having to pay for carbon. Instead, we have been able to bring in revenue to not only help keep rates down but also do some projects that we otherwise would not be able to afford.”

## Pretreatment Tales

*By Stephanie Rochefort, Somersworth WWTF*

Later this summer, all Industrial Pretreatment Coordinators in New England will be receiving an email announcement about the 26th annual conference.



The conference originated in Concord, NH as a tri-state, one-day event. Over the years, we’ve out-grown venues and moved to Chelmsford, MA and Lowell, MA before settling last year at the Sheraton Nashua, NH.

The Sheraton Nashua has plenty of free parking and lots of hotel rooms. And that’s important because we’ve expanded to include ALL the New England states at this conference. We’ve also grown from a one-day event to a two-day event to a two-day event PLUS a third day focused on more in-depth training. We’ve also added a free networking reception. There will be several vendors showcasing products specific to industrial pretreatment. And if all the planning works out, we’re hoping to have an optional tour available.

The original conference was made possible by USEPA Region 1 personnel, along with help by a slate of volunteers. Now, the New England Regional Pretreatment Coordinators Association (NERPCA) is a registered 501c3 non-profit association and the slate of volunteers are board-members. NERPCA works along with EPA New England to plan and deliver this quality training event each year.

The 2024 conference will be taking place on October, 29, 30, 31. Hmm...maybe a Halloween theme?

## NEIWPC’s Youth and the Environment Program

*By James Plummer, Environmental Analyst  
NEIWPC*

In partnership with the Environmental Protection Agency (EPA), NEIWPC has hosted the Youth and the Environment Program (YEP) since 1990 to introduce students to careers in the wastewater industry. The Massachusetts-based program began in Lowell, before expanding to Lawrence in 2019. Both returned in the summer of 2023 for the first time since 2019, following a three-year hiatus due to the COVID-19 pandemic.

James Plummer, NEIWPC Environmental Analyst who supervises both programs and started at NEIWPC in 2016 as a YEP Coordinator, said that the goal of YEP is not necessarily to create the next generation of wastewater operators, but rather to give young people the opportunity to better understand the world around them and their relationship with it.

In addition to teaching students about wastewater, YEP serves as an introduction to the workforce for many of the participants, providing them with a way to learn professional skills and gain experience. The coordinators helped improve the students’ knowledge about writing a resume, applying for jobs, and planning for careers. When the students received their first paychecks, they were given a lesson on financial literacy, because for many of them it was their first paid position.

Last summer’s cohort of YEP participants arrived at their assigned treatment plants in July, apprehensive about working in an environment with such a strong odor. Nevertheless, as the summer went on, the students — and their noses — began to adapt to the challenges, complexities, and the fulfillment of working at a wastewater treatment plant.

“Being employed alongside people who are much older than you can be intimidating,” said 2023 YEP Coordinator Daphne Short. “But by the end of the summer, the students were able to talk and work with anyone in the plant.”

## The Massachusetts Programs

The YEP session in Lowell kicked off at the Lowell Regional Wastewater Utility, which receives wastewater and stormwater from the city and the surrounding towns of Chelmsford, Dracut, Tewksbury and Tyngsborough. The plant treats an average of 25 million gallons of water per day and discharges the water into the nearby Merrimack River.

Lowell's YEP was led by Short, who recently graduated from the University of Texas at El Paso with a bachelor's in environmental science. Short said that her studies focused on water scarcity and geology, and she wanted to share her passion for environmental protection with others.

"I really value being a mentor for my students," she said. "This program is so much more than just environmental literacy but encouraging these students to grow into well-rounded young adults." The participants stationed at the Lowell plant were selected by MassHire Lowell Career Center.

At the same time, a cohort of students began their YEP program in Lawrence, where they were stationed at the Greater Lawrence Sanitary District (GLSD), another treatment plant which discharges into the Merrimack River. GLSD treats around 52 million gallons of wastewater per day for Massachusetts communities including Lawrence, Methuen, North Andover, Andover, and Dracut, as well as Salem, New Hampshire. This is the second year YEP was held in Lawrence.

The Lawrence YEP was coordinated by Evan Bartow, a recent graduate from the University of Maine with a bachelor's in marine science. He said what drew him to the program was the opportunity to work with

young people and teach them about environmental processes that most people are not aware of.

"The YEP program shows students an almost hidden industry," he said. "None knew what happens to water after it goes down the drain and this was an eye-opening experience for them."

While working at the plants, both groups of students learned from staff across all departments at the facility including operators, lab technicians, engineers, and electricians. In addition, they participated in a variety of tasks involved in maintaining a wastewater treatment plant such as hosing down settling tanks, cleaning dissolved oxygen probes, and inspecting city infrastructure.

After spending the day in the field, students continued their learning through hands-on lessons led by Short and Bartow, which ranged in topics from climate change and renewable resources to water scarcity and environmental justice. Typically, presentations on each unit were followed by group discussions, interactive activities, and small presentations, which allowed students to consider how the topics overlapped.

### Exploring Careers in the Surrounding Areas

While the students gained experience working at the plants and learning in the classroom, several stated that the highlight of the program was the weekly field trips. Both Massachusetts YEP sections visited locations including local aquariums and science centers, the EPA Region 1 Lab, a wetland, and other wastewater treatment plants including Deer Island in Boston.

On one trip, YEP partnered with a wastewater operator training group based in Boston. X-Cel Conservation Corps aims to provide people of color with the opportunity for a career in wastewater management through workforce development. The Lowell cohort met up with X-Cel at locations along the Neponset River, where the students were taught to take water samples and measure pH, electrical conductivity, temperature, and the presence of E. coli. Short noted that this field trip was easily a favorite among the group, as the students resonated with the organization's goal of diversifying the industry. "My group was all students of color, so I think it was really nice for them to see people like them in the industry."



## The Future of YEP

One of the participants, Billy Sonfack Dongsan, who is a biology student at Middlesex Community College, was offered a part-time position working in the laboratory at the Lowell Regional Wastewater Utility through connections he made from YEP.

As for the wastewater industry's future, programs like YEP could help recruit young workers into the industry, with many job vacancies soon to open as the aging workforce begins to retire. This presents opportunities for students seeking to avoid the expenses of a college education, as many of these positions require only a few months of training. Plummer said that he is exploring options for evolving the program into more of a workforce pipeline.

"I have been connecting with utilities to explore opportunities and obstacles to starting YEP-like programs from scratch," said Plummer. He believes that pairing utilities with local career centers, technical and vocational schools and funding sources is a crucial first step to creating avenues for young people in this field.



# Another Successful Trip to Washington, DC for Water’s Worth It! 2024

*By Shelagh Connelly, President of RMI*

Once again, the NH Water Pollution Control Association (NHWPCA) was represented in Washington, DC at the Water Environment Federation/ National Association of Clean Water Agencies (WEF/NACWA) National Water Policy Fly-In on April 9-10. This Fly-In provided the opportunity to meet with water professionals from all around the country, EPA staff, and our elected officials in Congress. This year we were fortunate to share the event with our peers in the drinking water profession and teamed up with NH Water Works Association (NHWWA) to make the rounds and talk about why Water’s Worth It!



Sam Currier from NHWWA and Shelagh Connelly from NHWPCA joined many others from New England and made the rounds to meet with our congressional offices. We were especially pleased to hear from Congressman Chris Pappas who was a keynote speaker at the opening Plenary Session [see remarks]. His remarks made it clear that he understands the importance of investing in water infrastructure, and that while congress may be divided over many issues, they do agree about this topic and got together through the Bipartisan Infrastructure Law to fund billions for water infrastructure in an unprecedented commitment to clean water.

The purpose of the Fly-In is to get in front of our elected officials annually to make sure they understand how important it is to continue funding water infrastructure and supporting programs and policies that ensure clean water for all our communities. As was to be expected, our favorite four letters were also a hot topic on the agenda, especially because EPA published the new maximum contaminant levels for PFAS in drinking water while we were in DC.

One of the highlights of this event is attending the evening reception which is held at the DC Water headquarters on their rooftop overlooking the

Anacostia River and the Washington Nationals baseball stadium. This event is awesome for networking and looking out at the beautiful skyline of DC! These hosts do an awesome job recycling the daily flush of the metropolis and their final biosolids are a lovely product marketed throughout the region as a fertilizer called Bloom.

It is good to remember the importance of participating in these Fly-Ins and being connected to our elected officials to remind them that clean water is a top priority for our government and investment in infrastructure is essential.

The NHWPCA is committed to visiting DC each year for this Water Week Fly-In so that our delegation keeps water as a high priority. Water infrastructure needs a champion – and that is what we are, because Water’s Worth It!



*Sam Currier, NHWWA*



*Shelagh Connelly, NHWPCA and Sam Currier, NHWWA*

# Remarks from NH Congressman Chris Pappas

## Plenary Session National Water Policy Fly-In

April 9, 2024

Hello everyone, I'm Congressman Chris Pappas.

I'm pleased to join this year's Water Week National Policy Fly-In.

I also want to thank:

- My colleagues in Congress:
  - Sen. Shelley Moore Capito (R-WV)
  - Rep. Buddy Carter (R-GA)
- The National Association of Clean Water Agencies
- The Water Environment Federation
- The Water Research Foundation
- The Water Reuse Association
- As well as the many partners and sponsors that made this event possible.

This week's fly-in allows advocates like you, people who do the work in your communities each and every day, to connect directly with policymakers here in Washington and work to make real, meaningful change.

Ensuring that our water treatment systems are modern and resilient is not only a matter of public health and environmental protection, it is also critical to our economy and the growth of our communities.

Whether it's replacing the thousands of miles of outdated pipes in America, investing in wastewater treatment infrastructure, addressing chemical pollutants like PFOS and PFOA, or ensuring the longevity and resilience of our water systems to withstand extreme weather and changing climate - the work you do is critical.

And these conversations could not be more important.

Last Congress, we passed the bipartisan infrastructure law, which represents the single largest investment in water that the federal government has ever made.

Passing the infrastructure law was a huge undertaking.

Implementing it is an even more significant undertaking.

The focus is really going to continue to be the implementation of the law and making sure that we're getting it right, that our communities are seeing the benefits in a timely manner, and that critical programs are funded.

And the numbers are significant, and the impact is being seen in my district and across the nation.

It included \$55 billion for water infrastructure, including \$12 billion for our nation's wastewater and stormwater management systems that are critical to returning used water to the environment.

As well, \$10 billion for PFAS cleanup, including \$1.4 billion for sewer overflow and stormwater reuse municipal grant programs to help communities that have combined sewer systems make needed sewer upgrades and protect our waterways.

While these are critical investments that will continue to pay dividends across the country, we must be looking forward to what comes next.

**HOYLE TANNER**

Trusted Experts | Innovative Results

- Planning
- Engineering
- Construction Phase Services

hoyletanner.com

Because we know that while the Bipartisan Infrastructure Law was a landmark bill, we are far from addressing all of the water infrastructure needs in this country.

With several bipartisan infrastructure law programs expiring at the end of Fiscal Year 2026, we must start outlining the remaining funding needs.

And that is where my focus is going to stay.

I just mentioned funding to address CSOs in the bipartisan infrastructure law.

In my home state of New Hampshire, along the Merrimack River, we are continuing to deal with outdated, overloaded sewer systems and the issue of combined sewer overflow, which is a product of combined sewer systems, which serve nearly 860 municipalities across the nation.

These systems are particularly common in the Northeast and Midwest, where they trigger harmful releases of partially treated or completely untreated raw sewage into local waterways during periods of high rainfall.

The Merrimack River supplies drinking water for over 600,000 people.

But on average, almost 550 million gallons of sewage and untreated stormwater are released annually into the river, which runs more than 100 miles from central New Hampshire through northeastern Massachusetts, and then out to sea.

That is why I have joined my colleagues along the Merrimack River in New England to call for increased investment in the EPA's Sewer Overflow and Stormwater Reuse Municipal Grant program ("Section 221").

These grants provide a structured, effective, and strong source of federal funding to states and municipalities to address combined sewer overflows and stormwater management.

Updating wastewater infrastructure to address the issue of CSOs is a monumental undertaking for a medium sized city like my hometown of Manchester.

They simply cannot and should not be expected to shoulder this burden alone.

That is why federal support is so important to ensure a project like that can be completed without downshifting costs to local ratepayers and increasing costs on families.

As we have historic levels of federal funding for the state revolving fund because of the Bipartisan Infrastructure Law, we are also exploring additional ways to meet our communities' water needs.

That's why this fly-in is so critical.

Because you know better than most that these solutions don't come exclusively from Washington.

They come from people like you in cities and towns across the country, and it is really important that your voices are heard and that you have a seat at the table.

It is critical, though, that these Member-directed projects add to the total funding pie rather than siphoning away funds from other projects in each state.

Another area of concern remains PFAS contamination.

This is an issue that I have focused on since my first day in Congress.

Every American should be able to turn on their tap without having to worry about whether their water will have negative impacts on their health or the health of their families.

But too many of our communities have trouble accessing clean water.

In addition to deploying \$10 billion for emerging contaminants like PFAS, I am pleased that EPA has expanded monitoring for PFAS in drinking water and promulgated new analytical methods for measuring up to 40 PFAS.



**RMI**  
BUILDING HEALTHY SOILS

**TURNKEY RESIDUALS  
MANAGEMENT SERVICES**  
FOR WATER AND WASTEWATER  
TREATMENT FACILITIES

**603-536-8900**  
**RMIRECYCLES.COM**

**RMI PUTS YOUR  
ORGANIC RESIDUALS  
TO WORK!**

However, while the agency has begun developing some discharge limits for certain key industries like plastics, I am frustrated that EPA has not been more aggressive in pressing forward with setting stronger deadlines for other industrial categories under the Clean Water Act.

Doing so is critical if we want to comprehensively get “upstream” of this issue.

That is why I will soon be reintroducing my bipartisan and bicameral Clean Water Standards for PFAS Act.

This bill provides EPA with an ambitious yet achievable roadmap to establish effluent limitations guidelines (ELGs) and standards for eight priority industry categories for all measurable PFAS or classes of PFAS within three years.

I have been proud to partner with NACWA on this critical legislation, as we both share the focus on curbing the ability for manufacturers and other polluters to contaminate our waterways.

By requiring EPA to establish effluent limitations guidelines and standards for priority industry categories for all measurable PFAS, we are putting the onus on polluters to turn off the spigot of PFAS contamination.

The bill also authorizes \$1 billion to help publicly-owned treatment works address PFAS contamination, funding I will push for as part of any future infrastructure bill.

Publicly owned-treatment works did not create the PFAS crisis, and we should make sure that these systems and their ratepayers do not bear an undue financial burden or increased liability due to the actions of bad actors upstream.

Those who are creating these forever chemicals and discharging them into our environment are the ones who should be responsible for the impacts.

We must protect publicly owned treatment works from increased liability, and there is bipartisan consensus among members of the Transportation and Infrastructure Committee to do that.

I’m committed to continuing to work with my colleagues on both sides of the aisle until no one worries that their water is unsafe or that PFAS contamination will harm their family.

I am grateful for your partnership in these efforts.

So, thank you all for your work and for taking such an active role in the policymaking process and in the well-being of your communities.

I look forward to continuing to work with you to advance commonsense, bipartisan solutions and safeguard the health of our communities.

And I wish you all the best on a successful Water Week.

Thank you.

## Overview of 304 rules for Certification of Wastewater Treatment Plant Operators

The intent of this article is to provide a brief review of the rules Env-Wq 304 Certification of Wastewater Treatment Plant Operators; specifically, basic descriptions of some key definitions and reports. These rules are applicable to both certified Wastewater Treatment Plant Operators and Owners of Wastewater Treatment Plants that requires a surface water or groundwater discharge permit pursuant to RSA 485-A:13.

The rule requires electronic submittal of operator information from various responsible parties. Many of the frequently asked questions about these submittals surround the responsibilities and roles of Owner, Authorized Representative, Operator In Responsible Charge (OIRC), Back-Up OIRC and Operator. For those who want to dig a little deeper, the rules are available on the NHDES web-site. In addition, be on the lookout for our free classes which cover the 304s, statute, liability, ethics, and

### Put Our LAB To The TEST

Analyzing drinking water, wastewater, groundwater, and other matrices for a cleaner, safer environment.



 **Eastern Analytical, Inc.**  
professional laboratory and drilling services

(800) 287-0525

EasternAnalytical.com



# 2024 SUMMER MEETING

FRIDAY, JUNE 21, 2024 (10:00 AM-3:00 PM)  
ELLACOYA STATE PARK, GILFORD, NH

## SCHEDULE OF EVENTS

10:00 **Cornhole Tournament Begins**

10:30 **Snacks:** Munchies, Veggies, Chili, Hot Dogs

12:30 **Enjoy the Lunch Buffet:** Steak Tips, Chicken, Grilled Veggies, Potato/Mac Salad, Bread

1:00 **Ice Cream:** Wright-Pierce has generously offered to provide an ice cream bar for all to enjoy

## REGISTER

*Note: NHWPCA is not responsible for any actions by any individuals that may cause personal injury or physical damage to any participants at the event. It is the responsibility of all participants to maintain a professional demeanor during the event. Thank you!*



## 2024 NHWPCA Summer Meeting Registration Form Friday, June 21, 2024

Name: \_\_\_\_\_

Affiliation: \_\_\_\_\_

Email Address: \_\_\_\_\_ Phone : \_\_\_\_\_

Mailing Address: \_\_\_\_\_

Street or PO Box City, State, Zip

### Pre-registration—postmarked before June 7, 2024

# tickets @ \$40 each\_\_\_\_ (NHWPCA members)

# tickets @ \$45 each\_\_\_\_ (non-members)

### Late registration—postmarked after June 7, 2024

# tickets @ \$50 each\_\_\_\_ LATE REGISTRATION

Amount Enclosed: \_\_\_\_\_ Check Number: \_\_\_\_\_

**Pickup tickets the day of the outing. Ticket includes entrance fee to the park. Inform the Park Attendant that you are with the NHWPCA.**

**Register Online - [nhwpc.org](http://nhwpc.org)** Make checks payable to: NHWPCA and send to:  
NHWPCA Summer Meeting, 10 Tower Office Park, Suite 601, Woburn, MA 01801  
INQUIRIES: Send an Email to: [info.nhwpc@gmail.com](mailto:info.nhwpc@gmail.com)

other important topics.

**First**, each electronic submittal is a legal document which requires that the submitter attest to its contents by means of the virtual signature generated upon submittal of the document. This necessitates the submitter create their own personal account and password to submit.

The **Owner** (Permittee) is the individual with legal authority/responsibility to possess and control something, in this case a wastewater treatment plant. This individual may be the town or city manager, board of selectmen chair, board of sewer commission chair, etc. By February 15th of every year the Owner must submit electronically the "Designation of Authorized Representative, Operator in Responsible (OIRC) and Back-up OIRC for Permitted Wastewater Treatment Plants" form, available at: <https://onlineforms.nh.gov/?formtag=NHDES-W-09-067>. This informs NHDES who is responsible for what, and who we should be communicating with.



The **Authorized Representative** is the individual authorized by the wastewater treatment plant Owner to submit reports, respond to inquiries, and oversee the OIRC and the back-up OIRC. The Authorized Representative has fiduciary responsibilities, which means they manage the budget and property for the Owner. This Authorized Representative is not necessarily the same as the individual authorized as a signatory for NPDES/GWP MOR/DMR submittals and it cannot be the OIRC or Back-Up OIRC. The Owner and Authorized Representative may be the same individual.

The **OIRC (Operator In Responsible Charge)** is the individual who is certified as a wastewater treatment plant operator by NHDES at the grade level of the plant or higher who oversees the daily operation of the wastewater treatment plant, and is ultimately accountable for decisions involving all plant operational duties and reporting necessary for the wastewater treatment plant to comply with applicable federal and state requirements. By February 15th

of every year the OIRC must submit electronically, the "Wastewater Operator in Responsible Charge Verification Form", available at: <https://onlineforms.nh.gov/?formtag=NHDES-W-09-055>



The Back-Up OIRC is the individual who is certified as a wastewater treatment plant operator by NHDES at the grade level of the plant or higher who has been prepared to fulfill the OIRC responsibilities whenever needed, especially in the case of an emergency. This means that they should also be authorized to submit reports (Net DMR, etc.) same as the OIRC.

An **Operator** is an individual certified as a wastewater treatment plant operator by NHDES (Note: I-OIT is not a certification grade and therefore cannot operate without direct supervision) who performs any of the following important operating functions

## JOIN OUR TEAM!



We're looking for project managers & senior project engineers for our **wastewater services at Hoyle Tanner!** Are you looking to help improve the region's water quality in ways that are sustainable, innovative, and effective?

*apply today!*

Trusted Experts | Innovative Results  
[hoyletanner.com/careers](http://hoyletanner.com/careers)

at a wastewater treatment plant:

- a. Removal of all pollutants from wastewater in order to comply with permitted limits;
- b. Maintenance of pumps, valves, and processing equipment;
- c. Operation of chemical feeding devices, performance of laboratory analysis, and maintenance of required records; and
- d. Monitoring of a Supervisory Control and Data Acquisition (SCADA) system, gauges, or other equipment that monitors process stability.

**Multi-Plant Operation:** Any certified operator seeking to operate more than one plant shall request prior approval for a multi-plant operator endorsement from the department in accordance with Env-Wq 304.26. (Note: You may operate in a plant with a higher grade than your certification, but you may not be the OIRC or Back-Up OIRC of that plant). A certified operator seeking to operate more than one plant shall complete and submit electronically to the department a “Wastewater Operator Multi-Plant Endorsement” form, available at: <https://onlineforms.nh.gov/?formtag=NHDES-W-09-065>.



**Certification Renewal:** Before the date of operator certification expiration every operator must submit electronically, the “Wastewater Treatment Operator Certification Renewal Application” with fee and proof of 20 hours of approved training (Note: 50% of that training shall be directly related to wastewater treatment processes or maintenance of those processes), available at: <https://onlineforms.nh.gov/?formtag=NHDES-W-09-004>; make sure to select the renewal button at beginning of form.



**Contact Information:** Whenever contact information changes every operator must submit electronically, the “Wastewater Treatment Operator Contact Information Change Form”, available at: <https://onlineforms.nh.gov/?formtag=NHDES-W-09-004>; make sure to select the update contact information button – free submittal.



**Remember Env-Wq 304.01:** The purpose of these rules is to implement state law by requiring operators of wastewater treatment plants to be suitably qualified and have the knowledge and ability to properly operate and maintain such plants, in order to meet all applicable permit requirements and ensure protection of public health and the environment.

**And RSA 485-A:5-a Operator Certification Required.** The department shall certify operators of wastewater treatment plants. Wastewater treatment plants shall be operated only by certified operators.

**Questions:** As always please contact any of the Wastewater Operation Group with questions.

Operations Supervisor:  
Mark.A.KondelisJr@des.nh.gov (603) 271-3549

Wastewater Operator Certification & Training  
Manager: Mark.A.Kondelis@des.nh.gov  
(603) 271-5553

Wastewater Technical Advisor:  
John.Adie@des.nh.gov (603) 271-2586

Wastewater Technical Advisor:  
Richard.Emberley@des.nh.gov (603) 271-2940

# 2024 NHWPCA Affiliate Members and Newsletter Sponsors



AAA Pump Services  
Kevin Spearman  
kevin@aaafay.com



Dalton McGowan  
(888) 757-9577



Scott Haynes  
(617) 605-4624




Robert Hopkins  
(508) 699-9300



Christine King  
(401) 333-2328



Paul Schmidt  
(603) 431-6196



Jennifer Laramie  
(603) 228-0525



Laurel Jackson  
(603) 678-4891



Debby Kellstrand  
(781) 982-9300



Greg Bleszinski  
(860) 690-5236



Nichole Davis  
(603) 460-5157

**NH Public Risk Management Exchange (Primex3)**  
Sara Jones  
(800) 698-2364 x196



Cheryl Hall  
(603) 934-7100



David Graham  
(781) 221-1207



Robert Trzepacz  
(978) 838-9998



Matthew Stanley  
(559) 284-2406



David Mercier  
(603) 230-9898



Mike Carleton  
(603) 875-7000



Mary O'Malley  
(603) 570-6320



Amanda Jacques  
(978) 416-8001



# Photo Gallery Spring Meeting





**BELLEMORE PIPE RELINING**  
*Trenchless Technologies*

**The Benefits of Bellemore Pipe Relining**

- Zero internal damage
- Residential and commercial
- Eliminate tree root intrusion
- No exterior repairs (to the road)
- Minimum life span of 50-Years
- Completely restores damaged lines
- Repair part or all of a compromised pipe
- Goes under your landscaping, not through it
- No jack hammering floors or destroying walls
- Works under sidewalks, driveway and pavers
- Interior repairs (within the ditch or under a house)





10 Tower Office  
Park Suite 601  
Woburn MA  
01801

NON PROFIT ORG.  
U.S. POSTAGE  
PAID  
CONCORD, NH  
PERMIT NO 1513

## BECOME A 2024 SPONSOR AND/OR ADVERTISER

**Sponsor Opportunity:** Your company's name, logo, contact person and phone number will appear in four quarterly issues of the "The Collector" in a special section designated for the newsletter sponsors! *Your company will receive a copy of each newsletter.*

**Advertisement Opportunity:** a business-card, 1/4 page or 1/2-page advertisement can be published once, twice, three or even four times! *Your company will receive a copy of the newsletter(s) containing your advertisement.*

**For maximum exposure for your business to 400+ wastewater professionals consider both a sponsorship and an advertisement!**

**DEADLINE:** Rolling deadlines for 2024 are 2/1, 5/1, 8/1 and 11/1.

Please direct all advertising copy and graphics, as well as payment questions, to:

(781) 939-0908 or [info.nhwpca@gmail.com](mailto:info.nhwpca@gmail.com)

**Find us  
online!**

