

95<sup>th</sup> Annual Conference

New England  
Water Environment  
Association  
presents

# One Water: All for One and One For Water

## NEWEA 2024 Annual Conference & Exhibit

January 21–24  
Boston Marriott Copley Place  
Boston, Massachusetts



**NEWEA**  
WORKING FOR WATER QUALITY

CONFERENCE PROGRAM

## Miscellaneous Events & Committee Meetings

<b>Sunday, January 21, 2024</b>		
Young Professionals (YP) Summit	Salon E	9:00 AM – 4:00 PM
New Committee Chair & Council Director Orientation	Vineyard/Yarmouth	10:00 AM – Noon
Executive Committee	Salon D – C – B – A	12:00 – 4:00 PM
<b>Monday, January 22, 2024</b>		
NEWEA Business Meeting	Regis	8:00 – 8:30 AM
Certification Committee	Hyannis	9:00 – 10:00 AM
Laboratory Practices Committee	Orleans	9:00 – 10:00 AM
ASA/State Director Leadership	Falmouth	9:00 – 10:30 AM
Operations Challenge Committee	Vineyard	10:00 – 11:00 AM
Young Professionals Committee	Off-Site	12:00 – 1:00 PM
CSO/Wet Weather Issues Committee	Falmouth	12:10 – 1:40 PM
Asset Management Committee	Orleans	11:00 – Noon
Utility Management Committee	Yard House	12:30 – 1:30 PM
<b>Tuesday, January 23, 2024</b>		
Journal Committee	MIT	7:00 – 8:00 AM
Plant Operations Committee	Orleans	7:00 – 8:30 AM
Stormwater Committee	Falmouth	7:30 – 8:30 AM
NEWEA Past Presidents Breakfast (Invite Only)	Yard House	8:00 – 9:00 AM
Veterans Tap Program	Boston University	8:30 – 10:30 AM
Awards Committee	MIT	9:00 – 10:00 AM
Sponsor Committee	MIT	10:30 – 11:00 AM
Industrial Wastewater Committee	Falmouth	11:00 AM – Noon
Residuals Management Committee	Yard House	11:30 AM – 12:30 PM
Small Community Committee	Off-Site	11:30 AM – 1:00 PM
Collection Systems Committee	Falmouth	12:00 – 1:00 PM
Youth Education Committee	Orleans	12:00 – 1:00 PM
Energy Committee	MIT	12:30 – 1:30 PM
Program Committee	Yard House	12:30 – 1:30 PM
Sustainability Committee	Hyannis	12:30 – 1:30 PM
Watershed Management Committee	Yard House	12:30 – 1:30 PM
Joint Regional Water Association Leadership	Falmouth	2:00 – 3:30 PM
Contaminants of Emerging Concern Committee	Falmouth	4:30 – 5:00 PM
<b>Wednesday, January 24, 2024</b>		
Government Affairs Committee	Falmouth	7:00 – 8:30 AM
NACWA Utility Exec Roundtable (Invited)	Vineyard	7:00 – 8:30 AM
Photo Ready Room	3rd Floor Atrium	9:00 – 10:00 AM
Regulator Task Force (ad hoc)	Orleans	9:15 – 10:15 AM
Award Ceremony & Lunch	Salon E	11:00 AM
Water Reuse Committee	Yard House	11:30 AM – 12:30 PM
<b>Speakers' Ready Room (M, T, W)</b>	<b>Hyannis</b>	<b>7:30 AM</b>

NEWEA 2024 Annual Conference & Exhibit  
Final Program  
Schedule-at-a-glance

7 AM 8 AM 9 AM 10 AM 11 AM Noon 1 PM 2 PM 3 PM 4 PM 5 PM 6 PM 7 PM

Sunday  
Jan. 21

YOUNG PROFESSIONAL SUMMIT—SALON E

EXECUTIVE COMMITTEE MEETING—SALON D-C-B-A

NEW COUNCIL DIRECTOR  
AND COMMITTEE CHAIR  
ORIENTATION  
VINEYARD/YARMOUTH

REGISTRATION—4TH FLOOR

EXHIBIT HALL SET-UP

Monday  
Jan. 22

REGISTRATION—4TH FLOOR

SPEAKERS' READY ROOM

CONTINENTAL BREAKFAST

YP LOUNGE

NEWEA BUSINESS MEETING—REGIS



EXHIBIT HALL GRAND OPENING

OPENING SESSION

3RD & 4TH FLOOR EXHIBIT AREA OPEN

EXHIBIT HALL RECEPTION  
3RD FLOOR

COMMITTEE FAIR

COLLEGE STUDENT POSTER BOARD COMPETITION—3RD FLOOR ATRIUM

TECHNICAL SESSIONS 1 – 6

- 1. Government Affairs 1
- 2. Plant Operations 1
- 3. Collection Systems 1
- 4. Stormwater 1
- 5. Contaminants of Concern 1
- 6. Young Professionals 1

TECHNICAL SESSIONS 7 – 13

- 7. Government Affairs 2
- 8. Diversity, Equity, & Inclusion
- 9. Collection Systems 2
- 10. CSO/Wet Weather Issues 1
- 11. Residuals and Biosolids 1
- 12. Watershed Management 1
- 13. Young Professionals 2

Tuesday  
Jan. 23

REGISTRATION—4TH FLOOR

SPEAKERS' READY ROOM

CONTINENTAL BREAKFAST

COMMITTEE FAIR

VETERAN'S TAP PROGRAM

PLENARY SESSION

OPERATORS' RECEPTION

EXHIBIT HALL RECEPTION  
4TH FLOOR

3RD & 4TH FLOOR EXHIBIT AREA OPEN

INNOVATION PAVILION—3RD FLOOR ATRIUM/REGIS

TECHNICAL SESSIONS 14 – 19

- 14. Plant Operations 2
- 15. Government Affairs 3
- 16. Collection Systems 3
- 17. Stormwater 2
- 18. Contaminants of Emerging Concern 2
- 19. Small Communities

TECHNICAL SESSIONS 20 – 25

- 20. Residuals and Biosolids 2
- 21. Plant Operations 3
- 22. CSO/Wet Weather Issues 2
- 23. Watershed Management 2
- 24. Public Awareness
- 25. Energy

Wednesday  
Jan. 24

REGISTRATION—4TH FLOOR

SPEAKERS' READY ROOM

NACWA UTILITY EXECUTIVE ROUNDTABLE

3RD & 4TH FLOOR EXHIBIT AREA OPEN

TECHNICAL SESSIONS 26 – 31

- 26. Stormwater 3
- 27. Plant Operations 4
- 28. Collection Systems 4
- 29. Residuals and Biosolids 3
- 30. Industrial Wastewater
- 31. Utility Management

AWARDS CEREMONY—4TH FLOOR

EXHIBIT AREA BRUNCH

TECHNICAL SESSIONS 32 – 37

- 32. Plant Operations 5
- 33. Stormwater 4
- 34. CSO/Wet Weather Issues 3
- 35. Water Reuse
- 36. Sustainability
- 37. Asset Management

ADJOURN

KEY

3rd floor rooms are Colleges, Universities, and Boston Streets.  
4th floor rooms are salons and Cape Cod Towns.

TECHNICAL SESSION ROOM ASSIGNMENTS

- |               |               |
|---------------|---------------|
| 1. Salon A/B  | 20. Salon A/B |
| 2. Suffolk    | 21. Suffolk   |
| 3. Wellesley  | 22. Simmons   |
| 4. Salon C/D  | 23. PTown     |
| 5. Simmons    | 24. Salon C/D |
| 6. PTown      | 25. Wellesley |
| 7. Salon A/B  | 26. Salon A/B |
| 8. Suffolk    | 27. Suffolk   |
| 9. Simmons    | 28. Salon C/D |
| 10. Salon C/D | 29. Simmons   |
| 11. Wellesley | 30. Wellesley |
| 12. PTown     | 31. PTown     |
| 13. Berkeley  | 32. Suffolk   |
| 14. Salon C/D | 33. Salon A/B |
| 15. Salon A/B | 34. Simmons   |
| 16. Suffolk   | 35. Wellesley |
| 17. Simmons   | 36. PTown     |
| 18. PTown     | 37. Salon C/D |
| 19. Wellesley |               |

## Welcome to the 2024 NEWEA Annual Conference!



Robert Fischer  
*NEWEA President*



Maureen Neville  
*NEWEA Program  
Committee Chair*

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This year's event theme is One Water, a holistic, collaborative approach to water management to ensure the sustainability and long-term resilience of our water resources. The One Water movement promotes transformative solutions to solve the most pressing challenges impacting the water environment. Many elements of this year's program will address key themes related to One Water.

The program features 37 technical sessions, a Student Poster Competition showcasing the work of water quality undergraduates and graduates, the Innovation Pavilion, and two floors of exhibitors highlighting the industry's latest products and services.

The conference commences on Monday with six morning and seven afternoon technical sessions on key industry issues. The Opening Session at 11:00 AM will convene attendees to hear from NEWEA and WEF leadership and our 2024 Keynote Speaker, Dr. Jonathan Gruber. Undergraduate and Graduate students will present their research in the Student Poster Competition throughout the day. The afternoon winds down with the first of two Exhibit Hall receptions on the 3rd floor.

Tuesday offers another full day of exciting events. We celebrate and recognize operators by offering morning and afternoon Plant Operations technical sessions, as well as the lunchtime Operator's Reception. A Plenary Session will be held from 11:00 AM to 12:30 PM, featuring a 45-minute panel discussion on existing and emerging challenges impacting our water resources followed by 45 minutes of pitches from innovators developing solutions to address these issues. These water industry innovators will also showcase their technologies and foster discussions on water innovation at the Innovation Pavilion, taking place in the 3rd Floor Atrium. The day concludes with an Exhibit Hall Reception on the 4th floor.

The final day of the conference features exhibits, morning and afternoon technical sessions, our lunch-time awards ceremony recognizing outstanding efforts in our industry, and the passing of the gavel to the 2024 NEWEA President, Scott Goodinson of Narragansett, RI. We hope you take advantage of all the 2024 Annual Conference has to offer and use this occasion to connect with and support your water industry colleagues.

We wish to recognize the significant efforts of the Meeting Management Council and members of the Program, Registration, Exhibits, and Awards Committees who make this conference one to look forward to each year. Thanks to the members of all the technical committees who review abstracts, moderate sessions, and provide the technical and subject matter expertise we need to do our jobs better. This conference would not be possible without the tireless efforts of the NEWEA office staff: Mary Barry, Janice Moran, Jordan Gosselin, and Heather Howard. Thank you for your dedication, energy, professionalism, new ideas, and patience in planning and coordinating this great event every year!

Robert Fischer, NEWEA President  
Maureen Neville, NEWEA Program Committee Chair

## NEWEA 2024 EXECUTIVE COMMITTEE

President	Robert K. Fischer
President Elect	Scott C. Goodinson
Vice President	Deborah S. Mahoney
Treasurer	Dave J. Van Hoven
Past President (Management Review)	Frederick J. McNeill
Executive Director	Mary M. Barry
WEF Delegate (10/20)	Peter B. Garvey
WEF Delegate (10/21)	Ray Vermette
WEF Delegate (10/22)	Janine L. Burke-Wells
WEF Delegate (10/23)	Virgil J. Lloyd

### State Directors

Connecticut	Vanessa McPherson
Maine	Paula L. Drouin
Massachusetts	John M. Digiacoimo
New Hampshire	Michael A. Trainque
Rhode Island	Edward Davies
Vermont	Michael Smith

### Council Directors

Collection Systems/Water Resource	Scott W. Lander
Communications	Philip J. Tucker
Innovation	Michael Murphy
Meeting Management	Amy E. Anderson
Outreach	Colin O'Brien
Treatment, Systems Operations, & Management	Marina Fernandes

## NEWEA 2024 COUNCILS

### Vice President Council

Certification Committee*	Walter C. Palm
Kate Biedron Memorial Fund Task Force*	Meg Tabacsko
PFAS Task Force*	Scott M. Firmin
Workforce Development*	Bill C. Boornazian

### Management Review Council

Assessment and Development Committee	Jennifer K. Lachmayr
Awards Committee	F Adam A. Yanulis
Bylaws Committee	James R. Barsanti
Committee Member Appreciation Committee	John Bobrek
Nominating Committee	Jennifer K. Lachmayr
Sponsor Committee	Larry Scola

## NEWEA 2024 COUNCILS (CONTINUED)

### Meeting Management Council

Conference Arrangements Committee	Ronald Tiberi
Exhibits Committee	Paul Russell
Program Committee	Maureen D. Neville
Registration Committee	Scott Neesen

### Communications Council

Diversity, Equity, and Inclusion Committee	Stephen King, Jr.
Journal Committee	Jennifer Lawrence
Public Awareness Committee	Faye DeMoura
Youth Education Committee	Danielle Gallant

### Treatment, Systems Operations, & Management Council

Asset Management Committee	Matt Manchisi
Contaminants of Emerging Concern Committee	Amy E. Hunter
Energy Committee	Tracy Chouinard
Laboratory Practices Committee	Jason Nennering
Plant Operations Committee	Nicholas B. Tooker
Operations Challenge Committee	Jason Swain
Residuals Management Committee	Jason Motta
Small Community Committee	Ian B. Catlow
Utility Management Committee	Kevin M. Garvey

### Collection Systems/Water Resource Council

Collection Systems Committee	Kara M. Rozycki
CSO/Wet Weather Issues Committee	Joshua Schimmel
Industrial Wastewater Committee	Matthew Dickson
Stormwater Committee	Kathryn Edwards
Sustainability Committee	Wayne E. Bates
Water Reuse Committee	Anastasia Rudenko
Watershed Management Committee	Steven E. Wolosoff

### Outreach Council

Government Affairs Committee	Jeffrey C. McBurnie
Membership Committee	Garrett M. Bergey
Safety Committee	Kevin LeRoux
Scholarships Committee	Annalisa Onnis-Hayden
Student Activities Committee	Joanna Sullivan
Young Professionals Committee	Daryl Coppola

### Innovation Council

I/A OWTS Task Force	Bruce Walton
Innovation Committee	Michael Murphy

\* Ad hoc

# PIPELINE SERVICES

# EST

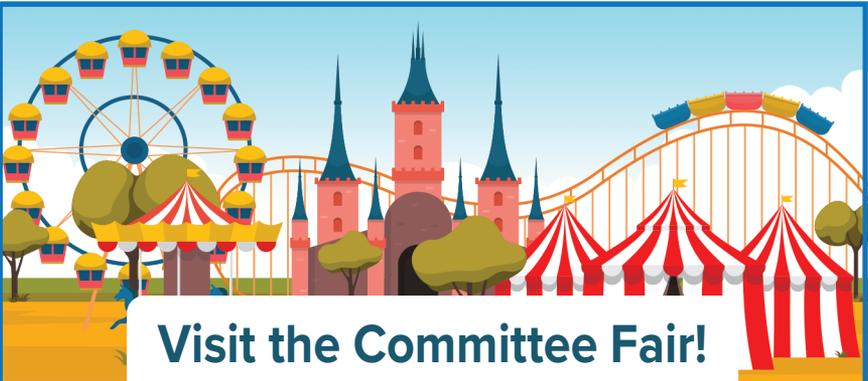
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## Visit the Committee Fair!

Put your passion to work on any of NEWEA's 40+ committees.\*

Stop by our tables, organized by Council, to learn about the great work done by our committees and how to get involved.

\*Must be a current NEWEA member to join a committee

4th Floor  
Monday:  
3:00 – 4:00 PM  
Tuesday:  
9:30 – 10:30 AM

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# National Water Week! DC Fly-In

April 8 – 9, 2024  
Washington, D.C.

**T**he NEWEA Congressional Briefing is the annual hallmark for the Association and its government affairs program. Mark your calendar to join us on April 8–9, 2024. This is a great opportunity for our membership and elected officials to join together to discuss drinking water, clean water and stormwater infrastructure issues facing communities of the Northeast. We look forward to meeting with you and providing you with the latest information affecting our industry. Your involvement is critical—come to D.C. and be heard.

Attending the Briefing will allow:

- Opportunities to meet with senators, representatives, and legislative staff
- Substantive discussion of federal clean water legislative initiatives and opportunities to provide feedback related to the impact that these initiatives have on our communities and the water quality industry
- A forum for presentation and discussion of the NEWEA Position statements
- Opportunities to learn about key federal regulatory initiatives
- A forum to provide comments directly to regulatory leaders from EPA's Washington, D.C. Headquarters.

The two-day event includes a NEWEA group dinner on Monday night in preparation for Tuesday, when we will be holding individual meetings with senators and representatives on the Hill. If you plan to attend the briefing, the government affairs committee will work with you to schedule these individual appointments.

## BECOME A WATER ADVOCATE

Make your voice heard even before you get to DC by **becoming a Water Advocate**. WEF's Water Advocates program empowers you to share your knowledge and expertise to inform government decision-makers about the importance of water. Visit <https://www.wef.org/water-advocates> to enroll.

For more information call: Jeff McBurnie (207) 272-8395) or Mary Barry (781-939-0908)

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# NEWEA 2024 Spring Meeting



**Work for Water:  
For Communities.  
For the Environment.  
For our Future.**

## Call for Presentations and Papers

**May 19-22, 2024**

**Viking Hotel, Newport, RI**

**NEWEA invites the submission of abstracts for presentations for the upcoming 2024 Spring Meeting & Exhibit.**

This annual meeting consistently attracts more than 300 engineers, consultants, scientists, operators, and students, and features a variety of technical sessions, exhibitor displays, and the Operations Challenge competition. It provides an opportunity for professional exchange of information and state-of-the-art concepts in wastewater treatment and water environment issues.

**Please consider submitting an abstract on water quality topics such as:**

- Diversity, Equity, and Inclusion
- Infrastructure Funding
- One Water
- Operators' Perspectives
- PFAS
- Resiliency
- Sustainability
- Workforce Development

**Visit [springmeeting.newea.org](https://springmeeting.newea.org) and click *Submit an abstract* to complete the online abstract submittal form**

**Abstract submission deadline: February 9, 2024**

For more information contact the NEWEA office  
Phone: 781-939-0908 • Email: [mail@newea.org](mailto:mail@newea.org)



**NEWEA**  
WORKING FOR WATER QUALITY

It is NEWEA's policy that all participants and speakers are responsible for their own conference registration fee and other meeting-related expenses.



New England Water Environment  
Association Presents

## One Water: All for One and One for Water!

### NEWEA 2024 Annual Conference & Exhibit

January 21–24, 2024

Boston Marriott Copley Place, Boston, MA

# Conference Events

## Sunday, January 21

<b>Young Professionals Summit</b> (Salon E).....	9:00 AM–4:00 PM
<b>New Committee Chair and Council Director Orientation</b> (Vineyard/Yarmouth).....	10:00 AM–Noon
<b>Executive Committee Meeting</b> (Salon D-C-B-A).....	12:00–4:00 PM
<b>Registration</b> (4th Floor).....	Noon–4:00 PM
<b>Exhibit Hall Set-Up</b> .....	Noon–6:00 PM
<b>President’s Reception</b> (3rd Floor Atrium).....	4:00–6:00 PM

## Monday, January 22

<b>Registration</b> (4th Floor).....	7:00 AM–6:00 PM
<b>Speakers’ Ready Room</b> (Hyannis).....	7:30–8:30 AM
<b>Coffee and Continental Breakfast</b> (3rd Floor Atrium).....	7:30–9:00 AM
<b>Young Professionals Lounge</b> (Boston University) .....	7:30–9:00 AM
Hosted by the YP Committee. Young Professionals are welcome to stop in. YP Committee Chair: Daryl Coppola, FR Mahony	
<b>NEWEA Annual Business Meeting</b> (Regis) .....	8:00–8:30 AM
Welcome and Opening Remarks: Robert Fischer, NEWEA President/City of Burlington, VT - Presentation and vote on 2024 Slate of NEWEA Officers <i>See description on page 36</i>	
<b>Technical Sessions 1–6</b> .....	8:30–10:30 AM
<i>See descriptions beginning on page 17</i>	
<b>College Student Poster Board Competition</b> (3rd Floor Atrium)....	9:00 AM–2:30 PM
Coordinator: Joanna Sullivan, VHB • Session with authors.....	
<b>Awards</b> .....	12:30–2:30 PM
<b>Awards</b> .....	3:00–3:30 PM
<i>See description on page 37-38</i>	
<b>Exhibit Hall Grand Opening</b> .....	10:30 AM
Paul Russell, Exhibits Committee Chair; Robert Fischer, NEWEA President. Grand opening will take place at the main entrances of both the 3rd and 4th floor exhibit areas.	

## Monday, January 22 continued

**Exhibits** (3rd and 4th Floor Exhibit Areas)..... 10:30 AM–6:30 PM  
Please note that the 3rd and 4th floor exhibit areas are connected by a stairwell in the back of the exhibit hall. See *list of exhibitors (as of 1/12/24)* on pages 57-78.

**Opening Session** (Salon E) ..... 11:00 AM–Noon  
*See description on page 15*

**Select Society of Sanitary Sludge Shovelers' Lunch** ..... Noon–2:00 PM  
(Fairfield/Dartmouth) by invitation—Charles Tyler, Influent Integrator

**Technical Sessions 7–13** ..... 2:00–4:30 PM  
*See descriptions beginning on page 20*

**Exhibit Hall Break**..... 3:00–3:30 PM

**Committee Fair** (4th Floor)..... 3:00–4:00 PM  
*Learn about NEWEA's volunteer committees.*

**Exhibit Hall Reception** (3rd Floor Exhibit Area)..... 4:30–6:30 PM

## Tuesday, January 23

**Registration** (4th Floor)..... 7:00 AM–6:00 PM

**Speakers' Ready Room** (Hyannis)..... 7:30–8:30 AM

**Coffee and Continental Breakfast** (3rd Floor Atrium)..... 7:30–9:00 AM

**Exhibits** (3rd and 4th Floor Exhibit Areas)..... 8:00 AM–6:30 PM

**Innovation Pavilion** ..... 8:00 AM–4:30 PM  
*See description beginning on page 39*

**Technical Sessions 14–19** ..... 8:30–11:00 AM  
*See descriptions beginning on page 24*

**Exhibit Hall Break**..... 9:30–10:00 AM

**Committee Fair** (4th Floor)..... 9:30–10:30 AM  
*Learn about NEWEA's volunteer committees.*

**Plenary Session** (Salon E)..... 11:00 AM–12:30 PM  
Our One Water Future discussion and interactive panel with innovators.  
*See description on page 16*

**Operator's Reception** (Fairfield/Dartmouth)..... 12:30–1:45 PM  
Sponsored by:  
Connecticut Water Environment Association  
Green Mountain Water Environment Association  
Maine Water Environment Association  
Massachusetts Water Environment Association  
New Hampshire Water Pollution Control Association  
Rhode Island Clean Water Association

**Innovation Session** (Regis)..... 2:00–4:30PM  
*See description beginning on page 39*

**Technical Sessions 20–25** ..... 2:00–4:30 PM  
*See descriptions beginning on page 27*

**Exhibit Hall Break**..... 3:00–3:30 PM

**Exhibit Hall Reception** (4th Floor Exhibit Area) ..... 4:30–6:30 PM

# Wednesday, January 24

<b>NACWA's Utility Executive Roundtable &amp; Breakfast</b> (Vineyard) .....	7:00–8:30 AM
<i>Utilities Leaders Invite Only</i>	
<b>Speakers' Ready Room</b> (Hyannis).....	7:30–8:30 AM
<b>Registration</b> (4th Floor).....	7:30 AM–2:00 PM
<b>Exhibits</b> (3rd and 4th Floor Exhibit Areas).....	8:00 AM–1:00 PM
<b>Technical Sessions 26–31</b> .....	8:30–11:00 AM
<i>See descriptions beginning on page 30</i>	
<b>Exhibit Hall Break</b> .....	9:30–10:00 AM
<b>Exhibit Area Brunch</b> .....	11:00 AM–1:00 PM
The exhibit area brunch will be held in both the 3rd and 4th floor exhibit areas	
<b>NEWEA Awards Ceremony and Lunch</b> (Salon E) (ticket required)...	11:00 AM–1:00 PM
<b>Technical Sessions 32–37</b> .....	1:00–3:00 PM
<i>See descriptions beginning on page 33</i>	
<b>Adjourn</b> .....	3:00 PM

## Training Contact Hours:

Technical sessions, keynotes, and exhibit hall approvals by participating New England States for Operator Recertification Training Hours are noted below. Professional Engineers registered for the conference may also attend technical sessions to fulfill state requirements for Professional Development Hours.

**To obtain TCHs please see session room moderators to scan into and out of sessions.**

### MA, NH, and RI:

2.0 per session  
1.0 for Monday Keynote  
1.5 for Tuesday Plenary Session  
1.0 per day in Exhibit Hall

### CT:

2.0 per session  
1.0 for Monday Keynote  
1.5 for Tuesday Plenary Session.  
*Please note: the Exhibit Hall is NOT approved.*

### VT:

2.0 per session  
1.0 for Monday Keynote  
1.5 for Tuesday Plenary Session  
*Please note: Sessions 4, 17, 26, 33, and the Exhibit Hall are NOT approved.*

### ME:

2.0 per session  
1.0 for Monday Keynote  
1.5 for Tuesday Plenary Session,  
1.0 per day in Exhibit Hall.  
*Please note: Sessions 4, 17, 26, and 33 are NOT approved*

Please also note, Sessions 6, 8, 12, 24, and 31 are approved as “Management” TCHs - up to 6 TCHs per renewal cycle may be a combination of Safety and/or Management topics.

Monday  
11:00 AM–Noon

Moderator:  
Maureen Neville  
NEWEA Program Chair  
Woodard & Curran

## Salon E



Dr. Jonathan Gruber

# Opening Session

---

Welcome:

**Robert Fischer, NEWEA President**  
City of South Burlington, VT

Keynote Speaker:

**Dr. Jonathan Gruber, Ford Professor of Economics  
and the Chairman of the Economics Department,  
Massachusetts Institute of Technology**

Dr. Jonathan Gruber is the Ford Professor of Economics and the Chairman of the Economics Department at the Massachusetts Institute of Technology, where he has taught since 1992. He is also the former Director of the Health Care Program at the National Bureau of Economic Research, and the former President of the American Society of Health Economists. He is a member of the Institute of Medicine, the American Academy of Arts and Sciences, the National Academy of Social Insurance, and the Econometric Society. He has published more than 180 research articles, has edited six research volumes, and is the author of *Public Finance and Public Policy*, a leading undergraduate text in its 7th edition, *Health Care Reform*, a graphic novel, and *Jump-Starting America: How Breakthrough Science Can Revive Economic Growth and the American Dream* (with Simon Johnson). In 2006 he received the American Society of Health Economists Inaugural Medal for the best health economist in the nation aged 40 and under.

During the 1997-1998 academic year, Dr. Gruber was on leave as Deputy Assistant Secretary for Economic Policy at the Treasury Department. From 2003-2006 he was a key architect of Massachusetts' ambitious health reform effort, and in 2006 became an inaugural member of the Health Connector Board, the main implementing body for that effort. During 2009-2010 he served as a technical consultant to the Obama Administration and worked with both the Administration and Congress to help craft the Patient Protection and Affordable Care Act. In 2011 he was named "One of the Top 25 Most Innovative and Practical Thinkers of Our Time" by *Slate Magazine*. In both 2006 and 2012 he was rated as one of the top 100 most powerful people in health care in the United States by *Modern Healthcare Magazine*. In 2020 he received a Guggenheim Fellowship.

Tuesday  
11:00 AM–12:30 PM

## Plenary Session: Our One Water Future

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*Moderator:*  
Stephen Sanders, WEF

### Salon E

Last year, we commemorated the 50th anniversary of the Clean Water Act and highlighted the significant improvements to our water environment during this last half a century.

Now, we are looking ahead to consider the future of the Clean Water Act and our industry and how we can work together from a One Water perspective to ensure the sustainability of our water resources. One Water is an approach to water management that handles all water, regardless of its source, in a collaborative, integrated, inclusive, and holistic manner.

Current and emerging challenges are threatening our water environment and industry, including a critical need for infrastructure investment, emerging contaminants, and climate change. New technologies, ideas, and approaches are needed to address these issues and preserve our access to clean water.

Additionally, collaborative efforts among the various sectors of our industry are important to ensure our water resources are managed effectively.

The first half of this session will feature a panel of experts discussing funding; environmental stewardship and planning; public outreach/awareness; and partnerships. Through a guided conversation, as well as audience questions, we will dig into the issues that matter most to clean water professionals to inform, inspire, and explore the future of the Clean Water Act and the water industry.

Following this panel, the second portion of the session will be pitches from leading innovators on the technologies they are developing as potential solutions to these challenges facing our industry.

#### Panelists:

Janine Burke-Wells, NEBRA

John Livsey, Town of Lexington, MA

Tom Sgroi, Greater New Haven, CT WPCA

Brian Tarbuck, Greater Augusta, ME Utility District

Gretchen Young, City of Rochester, NH

Monday  
8:30–10:30 AM

## Technical Sessions 1–6

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### Session 1

#### Government Affairs 1: Regulatory Actions

*Moderators:*

Jeff McBurnie,  
Casella Resource Solutions  
Jeff LeMay,  
Town of South Windsor, CT

### Salon A/B

### Session 2

#### Plant Operations 1: Flowing with Creativity – Unique Approaches to Facility Upgrades

*Moderators:*

Jim Li, AECOM  
Patty Chesebrough, NHDES

### Suffolk

**Protecting the Unseen Assets: The Addition of Cybersecurity to Rhode Island State Regulations**  
Jack Segal, RIDEM

**A Proven Regulatory Strategy for Nutrient Removal at WRRFs**  
Grant Weaver, Grant Tech

**The Impact of PFAS on Water Reclamation Facilities; Current Regulatory Trends and How to Prepare**  
Eric Spargimino, CDM Smith

**A Tale of Two States: Clean Watershed Needs Survey Lessons Learned and How to Tackle the 2026 Survey**  
Tyler Feeney, Woodard & Curran  
Sean McCormick, RIDEM

**It Takes a Village: Collaborative Low-Flow Start-Up of Orleans's Greenfield WWTF**  
Amy Hunter, AECOM  
Edwin McAuliffe, Veolia

**MBR Released from Prison: Using Creativity & Fundamentals to Achieve Stringent Nutrient Removal and Improve Process Resiliency at a Prison WWTF**

Joseph Zaleski, Woodard & Curran  
Aaron Brennan, Woodard & Curran  
Krista Forti, Woodard & Curran

**Design Bid Build and Design Build in the Same Project**

Brian Messner, Wright-Pierce  
Dan Finan, Veolia  
Jake Fleming, City of Leominster, MA

**Grit Removal Design for High Flows, Limited Head Loss and High Efficiency Capture at Springfield, MA Regional Wastewater Treatment Facility**

Jose Infante Corona, Kleinfelder  
Hannah Kominske, Kleinfelder  
Matt Nolan-Parkhouse, Veolia  
Steven Frederick, SWSC

Monday  
8:30–10:30 AM  
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## Technical Sessions 1–6

### Session 3

#### Collection Systems 1: Pump up the Waste

*Moderators:*

Scott Lander, Retain-it  
Allison Shivers,  
Tata & Howard

#### Wellesley

#### **The Public and Private Challenges of a Low Pressure Sewer Construction**

Kevin Garvey, Wright-Pierce  
Peter Rice, City of Portsmouth, NH  
Zachary Cronin, City of Portsmouth, NH

#### **What's Not Resiliency? How Diverse and Creative Approaches Improved Pump Station Resiliency in Edgartown, MA**

Samuel Taugher, Tighe & Bond  
Austin Weidner, Tighe & Bond

#### **Abington Pump Station Force Main: Replacing a Critical Asset**

Jill Rossini, Kleinfelder

#### **Tackle the Wipes Apocalypse – Safeguarding Your Sewage System**

Joseph Clark, JWC Environmental

### Session 4

#### Stormwater 1: Application – Advancing Program Funding and Implementation

*Moderators:*

Cindy Baumann, CDM Smith  
Maria Rose,  
Town of Brookline, MA

#### Salon C/D

#### **Strategies and Conceptual Designs for Adaptation and Coastal Stormwater Discharge in Boston**

Ben Agrawal, Hazen and Sawyer  
Charles Wilson, Hazen and Sawyer

#### **Will the First City in New Hampshire Adopt the First Stormwater Fee?**

Kelly Westover, Stantec  
David Hyder, Stantec  
Ken Mavrogeorge, City of Dover

#### **California Dreaming: What New England Can Learn from LA's Safe, Clean Water Program**

Ross Tsantoulis, Woodard & Curran  
Hector Bordas, Woodard & Curran

#### **Stormwater Management Technical Assistance & Project Funding – A Collaborative Approach**

Kimberly Koriath, Rhode Island Infrastructure Bank  
William Guenther, Fuss & O'Neill

Monday  
8:30–10:30 AM

## Technical Sessions 1–6

### Session 5

**Contaminants of Emerging Concern 1: Capture, Concentrating, and Destruction Developments**

*Moderators:*

Laura Marcolini,  
Fuss & O'Neill

Shane Hancox,  
University of Massachusetts

### Simmons

**Destruction of PFAS in High Strength Wastes**

Sophie Waterhouse, Aclarity

**Multifunctional Zwitterionic Hydrogels as a Platform for the Rapid and Simultaneous Elimination of Organic and Inorganic Micropollutants from Water**

Devashish Gokhale, Massachusetts Institute of Technology

Andre Hamelberg, Massachusetts Institute of Technology

Patrick Doyle, Massachusetts Institute of Technology

**Enhancing PFAS Treatment in Water: Insights from Bench-Scale Treatability Studies Using Traditional and Novel Adsorbents**

Francisco Barajas, AECOM

**PFAS Treatment of Complex Wastewaters with Foam Fractionation Utilizing Air and Ozone Gasses**

Baxter Miatke, Arcadis

### Session 6

**Young Professionals 1: The Future of our Industry**

*Moderators:*

Meghan Otis, Wright-Pierce

Zach Lamoureux,  
Carlsen Systems

### Provincetown

**Your Future Leaders Are Here: How to Engage and Develop Young Professionals**

Hannah Schulz, Woodard & Curran

Jacob Fortin, Woodard & Curran

**Funding the Future of Arcadis**

Andy Elderbrock, Arcadis

Tyler Miller, Arcadis

**Enhancing Mentorship Through Digital Networking**

Amber Foote, AECOM

Kate Schassler, AECOM

**Empowering the Future: Engineering in a Small Water Company**

Ryan Flood, Aquamatrix by Water Analytics

Monday  
2:00–4:30 PM

## Technical Sessions 7–13

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### Session 7

#### Government Affairs 2: Regulatory Roundtable

*Moderators:*

Jeff McBurnie,  
Casella Resource Solutions  
Adam Yanulis, Tighe & Bond

#### Salon A/B

There are many challenges facing the six states that make up the New England region. The intention of the Regulatory Roundtable Session is to allow for discussion of common issues/solutions and to facilitate the exchange of information.

*Panelists:*

Kathleen Baskin, MassDEP  
Joe Haberek, RIDEM  
Ivonne Hall, CTDEEP  
Amy Polaczyk, VTDEC  
Tracy Wood, NHDES  
TBD, MEDEP

### Session 8

#### DEI: Strengthening Your Company Culture, Mindset and Project Success Through Effective Equitable Practices and Social Vulnerability Tools

*Moderators:*

Jess Locke, Tighe & Bond  
Bill Russo, Automatech

#### Diversity, Equity and Inclusion – Establishing the Baseline

Bill Stierle, Subtext Solutions

#### Equity in Climate Resilience: A Survey of Progress in Greater Boston Municipalities

Stefani Harrison, Stantec  
Kalila Barnett, Barr Foundation

#### Making Sense of Social Vulnerability Indices and Tools

Nicholas Mitch, Arcadis

#### Suffolk

#### Exhibit Hall Break

3:00–3:30 PM

Monday  
2:00–4:30 PM  
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## Technical Sessions 7–13

### Session 9

**Collection Systems 2:  
When the Going Get  
Tough, Tough Engineers  
Get Going**

*Moderator:*

Peter Garvey, Dewberry  
Kara Keleher,  
Weston & Sampson

### Simmons

**Targeting Pipes From a Sea of Data: Scheduling  
Inspections, Cleanings and Rehabilitation in  
Waterbury, CT**

Courtney Kennedy, Jacobs Engineering  
Karina Massey, Jacobs Engineering

**Your Key to Tackling I/I: A Well Engineered Annual  
Inspection Program**

Kin Wong, Weston & Sampson

**Supply Chain Problems – They’re Everywhere:  
Case Study in Engineering, Procurement and  
Construction Management as an Alternative  
Project Delivery Method**

Douglas Brisee, Fuss & O’Neill

**The Hydrogen Sulfide Beast from Below: A Reactive,  
Responsive, and Proactive Need for Handling H<sub>2</sub>S  
Before it Handles Us; A Sequence of Events That  
Led the Town of Ayer on a Journey to Discovering  
and Remediating a High-Risk Issue Within Their  
Wastewater Collection System**

Cameron Jenkins, Arcadis  
Daniel Van Schalkwyk, Town of Ayer, MA

### Session 10

**CSO/Wet Weather Issues 1:  
CSO Mitigation –  
Implementation and  
Construction Challenges**

*Moderators:*

Peter Frick, ADS  
James Drake, CDM Smith

**The Portland Back Cove West CSO  
Storage Conduit, Collaborating to Protect  
Our Water Resources**

Ryan Wingard, Wright-Pierce  
Steve Guerrette, Wright-Pierce

**When Projects Collide: How the City of Haverhill  
Navigated Utility Coordination During Design of the  
Locke Street Area Sewer Separation**

Matthew Corbin, Wright-Pierce  
Laurie Perkins, Wright-Pierce

**I Think I Can, I Think I Can. The Little Town that  
Could LTCP – Leverage the Coordination Potential!**

Lindsey Sylvester, Wright-Pierce  
Lisa Muscanell-DePaola, Wright-Pierce

**Springfield Water and Sewer Commission:  
Building System Resiliency – Overcoming the  
Challenges of the Locust Transfer Construction**

John Rahill, Kleinfelder  
Dave Szymczakiewicz, SWSC  
Jonnas Jacques, Kleinfelder

### Salon C/D

**Exhibit Hall Break**

3:00–3:30 PM

Monday  
2:00–4:30 PM

## Technical Sessions 7–13

### Session 11

#### Residuals and Biosolids 1: PFAS Removal and Destruction in Biosolids

*Moderators:*

Justin Motta, Stantec  
Scott Firmin,  
Portland Water District

### Wellesley

#### Technology Demonstration and Cost Analysis for PFAS Destruction in Biosolids

Micah Blate, Hazen and Sawyer

#### What Does Pyrolysis Do to PFAS in Biosolids? Distinguishing Removal from Transformation

Patrick McNamara, Black & Veatch  
Hari Santha, Black & Veatch  
Lynne Moss, Black & Veatch  
Scott Carr, Black & Veatch

#### Sludge Paralysis Meets Regional Pyrolysis

Jarod Stuyvesant, Weston & Sampson

#### Ultra-High Temperature Gasification for Biosolids Treatment, PFAS Destruction, & Hydrogen Production

Jim Henderson, Heartland Water Technology  
Brandon Davis, Heartland Water Technology

### Session 12

#### Watershed Management 1: Innovative Tools for Quantitative Resilience Planning at Watershed Scale

*Moderators:*

Andrea Braga, Jacobs  
Julie Sullivan, MWRA

### Provincetown

#### Building Climate Resilient Integrated Planning: Learning from Alameda County Water District's Cap Approach

Samantha Cohen, Brown and Caldwell

#### Innovation in the Field – Using Geospatial Video to Enhance Data Collection

Elizabeth Karivelil, Brown and Caldwell

#### Ecosystem-based Integrated Watershed Resource Management in Today's Social Ecological System Context – A "One Water" Connecticut Example

Paul Stacey, Footprints In The Water

#### Building Resilience Through Watershed Planning in New London, CT

Kathryn Edwards, Arcadis  
Nicholas Mitch, Arcadis  
Joseph Lanzafame, City of New London

### Exhibit Hall Break

3:00–3:30 PM

Monday  
2:00-4:30 PM

## Technical Sessions 7–13

### Session 13

#### Young Professionals 2: Workshop on Centrifugal Pumping Systems 101 – Fundamentals for Design

Moderators:

Nick Tooker,  
University of Massachusetts  
Daryl Coppola,  
FR Mahony

#### Berkeley

This is a 2-hour interactive workshop. Attendees will actively participate in the session. The first hour of the session will include an overview of system curves, pump curves, and related calculations for centrifugal pumping systems. The second hour will start with a discussion of practical applications of centrifugal pump design, followed by a guided tour of the Exhibit Hall. Attendees will be divided into groups and taken to vendor booths to view the latest pump models, look at literature (including pump curves), and ask questions.

Panelists:

Todd Brown, University of Hartford  
Ryan Buckley, NEIWPCC  
Daryl Coppola, FR Mahony  
Emily Korot, CDM Smith  
Kitty Lovell, Woodard & Curran  
Colin O'Brien, Brown and Caldwell  
Jaimie Payne, Bartlett & West  
Nick Tooker, University of Massachusetts

*Pre-registration is required.*

**Exhibit Hall Break**  
3:00–3:30 PM

Tuesday  
8:30–11:00 AM

## Technical Sessions 14–19

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### Session 14 Plant Operations 2: The BNR Controls & Instrumentation Selection Adventure

*Moderators:*

Victoria Helle, NEWPCC  
Denise Descheneau,  
Upper Blackstone Clean  
Water

#### Salon C/D

This session will be interactive and engaging, featuring a facilitated panel discussion with representatives from participating utilities in a recently-completed Water Research Foundation Project. The project focused on instrument-based controls for biological nutrient removal systems. During the first hour, project leaders will share the evaluation tools developed for utilities, operators, and engineers. During the second hour, utility representatives will share their experiences with implementation and operation of sensor-based controls for BNR, including performance, O&M, and costs. Please note it is assumed that attendees will have a working understanding of BNR processes, and the instrumentation used for monitoring and control.

*Speakers:*

Paul Dombrowski, Woodard & Curran  
Jacob Fortin, Woodard & Curran  
Allie Greenfield, Woodard & Curran  
Sue Guswa, Woodard & Curran  
Maureen Neville, Woodard & Curran  
Nick Tooker, University of Massachusetts

*Panelists:*

Michael Andrus, Upper Blackstone Clean Water  
Jesse Freeman, Woodard & Curran  
Jeff Gamelli, City of Westfield  
Matt Nolan-Parkhouse, Veolia

### Session 15 Government Affairs 3: Infrastructure Funding

*Moderators:*

Jeff McBurnie,  
Casella Resource Solutions  
Peter Garvey, Dewberry

#### Salon A/B

US EPA's SRF team will present on the Bipartisan Infrastructure Law (IIJA) and its opportunities and implementation for the State Revolving Fund. Topics will include but are not limited to financing, eligibility, and the similarities and differences between the domestic preference requirements, specifically the American Iron and Steel requirement (AIS) and the Build America, Buy America Act (BABA). The presentation will also include a Q&A period.

*Panelists:*

Leslie Corcelli, EPA Office of Wastewater Management  
Forrest Petrich, EPA Office of Wastewater Management  
Kelly Tucker, EPA Office of Wastewater Management

**Exhibit Hall Break**  
9:30–10:00AM

Tuesday  
8:30–11:00 AM

## Technical Sessions 14–19

### Session 16

#### Collection Systems 3: Be a Smooth Operator

*Moderators:*

Ryan Wingard,  
Wright-Pierce

Jim Barsanti,  
Hazen and Sawyer

### Suffolk

### Session 17

#### Stormwater 2: Tools – Expanding your Stormwater Toolbox

*Moderators:*

Eric Kelley,  
Environmental Partners  
Scott Lander, Retain-It

### Simmons

#### Clean Smarter, Not Harder: Wastewater Collection System O&M Optimization

Jacob Mueller, HDR

#### One Water, One Collection System: Sustainable Design

Vaughan Harshman, V&A Consulting Engineers  
Chris Hunniford, V&A Consulting Engineers

#### The Dollars and Sense of Adopting Optimized Cleaning Processes Leveraging Smart Technology

Jay Boyd, ADS

#### Step by Step: A Data Collection and Planning Approach for Addressing Sewer Collection System Improvements through the Plymouth CMOM Program

Andrew Grota, Environmental Partners  
Douglas Pinard, Town of Plymouth, MA  
Ziad Kary, Environmental Partners

#### Southern New England Program Retrofit Manual

James Houle, University of New Hampshire  
Nate Pacheco, VHB

#### Moving Towards Regional Consistency – EPA BMP Performance Curves

Theresa McGovern, VHB

#### Tracking Changes in Land Use in the Charles River Watershed

Max Rome, Charles River Watershed Association

#### BWSC: Stormwater Sampling and Water Quality Model Validation Project

Dave Peterson, Kleinfelder  
Charlie Jewell, BWSC

#### Exhibit Hall Break

9:30–10:00 AM

Tuesday  
8:30–11:00 AM

## Technical Sessions 14–19

### Session 18

Contaminants of  
Emerging Concern 2:  
Mitigating, Managing,  
and Minimizing PFAS

*Moderators:*

Amy Hunter, AECOM  
Jack Segal, RIDEM

### Provincetown

**Mitigating PFAS Transport Within Water  
Reclamation Facilities**

Christopher Curran, AECOM

**Managing PFAS in Industrial Stormwater to Protect  
Groundwater Quality**

Russell Parkman, Ramboll

**PFAS Trinity: Understanding Your Community's  
PFAS Chemistry, Developing Minimization Plans,  
and Working with Upstream Sources**

Paul Calamita, AquaLaw

**PFAS in Biosolids: How to Be Part of  
the Conversation**

Janine Burke-Wells, NEBRA

Deborah Mahoney, Brown and Caldwell

### Session 19

Small Communities:  
Emerging Water  
Quality Tools for  
Small Communities

*Moderators:*

Brandon Blanchard,  
Pare Corporation

Chris Hayward,  
Pare Corporation

### Wellesley

**Challenges Faced by Small and Rural Utilities  
Participating in Wastewater-Based Disease  
Surveillance Programs**

Anna Mehrotra, WEF

**Towards More Economical Water Treatment:  
The Development of Robust and Low Cost  
Electrodes for On-Site Chlorine Generation**

Shane Hancox, University of Massachusetts

**Balancing Pilot and Traditional Strategies in Oak  
Bluffs Integrated Approach to Nitrogen Management**

Anastasia Rudenko, GHD

Sara Greenberg, GHD

**Innovative Wastewater Treatment Technology  
for Advanced Nutrient Removal with a Focus on  
Seasonal Operations Optimization**

Mike Sparks, FR Mahony

**Exhibit Hall Break**

9:30–10:00 AM

Tuesday  
2:00–4:30 PM

## Technical Sessions 20–25

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### Session 20

#### Residuals and Biosolids 2: Biosolids Management Risks and Regionalization Solutions

*Moderators:*

Vanessa Borkowski, Stantec  
Eric Spargimino, CDM Smith

#### Salon A/B

This session will address the drivers and progress with respect to biosolids regionalization within New England via a panel discussion about current programs, regulatory insights, and technical advancements. Current program discussions will tap local Water Resource Recovery Facility managers to understand where their greatest hurdles exist when pursuing these types of projects. It will also discuss other regions that have been successful in implementing biosolids regionalization facilities. This session will also provide context for the types of regulations that encourage and hinder biosolids regionalization from the utility manager's perspective. The final component of the session will cover technological advancements by acknowledging the various processes, maturity, and scalability. This session is intended to be an interactive session.

Panelists:

Shelagh Connelly, RMI  
Karla Sangrey, UBCW  
Scott Firmin, PWD  
Josh Schimmel, SWSC  
Jim McCaughey, NBC  
Dru Whitlock, Stantec  
Peter Loomis, CDM Smith

### Session 21

#### Plant Operations 3: Data-Driven Phosphorus Removal

*Moderators:*

Varun Srinivasan, Trinnex  
Allie Greenfield,  
Woodard & Curran

#### Suffolk

#### Lessons in Visualizing Data and Utilizing Hybrid Modeling to Improve Operational Stability and Performance with Stringent Phosphorus Limits

Patrick Dunlap, Black & Veatch  
Brian Shoener, Black & Veatch  
Cody Schoepke, City of Fond du Lac, WI  
Leon Downing, Black & Veatch

#### Troubleshooting Loss of Efficiency in Chemical Phosphorus Removal and Planning for Future Growth

Laura Marcolini, Fuss & O'Neill

#### Optimizing Phosphorus Removal with Minimal Modifications: A Little Data Goes a Long Way

Amy Decola, Hoyle Tanner  
Matthew Scarborough, Hoyle Tanner

#### Optimizing Phosphorus Removal to Mitigate New Aluminum Discharge Limits at the Waterbury, CT WPCF

Thomas Johnson, Jacobs

Exhibit Hall Break  
3:00–3:30 PM

Tuesday  
2:00–4:30 PM

## Technical Sessions 20–25

### Session 22

**CSO/Wet Weather  
Issues 2: Innovations  
in CSO Pilot Testing  
and Modeling**

*Moderators:*

Keith Gardner, Stantec  
Josh Schimmel,  
Springfield Water and  
Sewer Commission

### Simmons

**Novel Application of a Biological High-Rate  
Treatment to Address Wet Weather Needs**

Pat Duggan, AECOM  
Greg Heath, AECOM

**Tight Site, No Problem – A Primary Filtration Pilot  
Study in Bridgeport, CT**

Daniel Thompson, CDM Smith  
Allison Zanette, CDM Smith

**Hartford MDC’s Clean Water Project: Two Decades  
of Collection System Improvements Informed by  
Hydraulic Modeling**

Ajay Prasad, CDM Smith  
Jason Waterbury, The MDC

**Weighing The Options: An Overview Of Wet  
Weather Treatment Technologies**

Mary Penny, Arcadis

### Session 23

**Watershed Management 2:  
Pivotal Studies and  
Projects in Integrated  
Nutrient Management**

*Moderators:*

Sarah NaIVEN, VHB  
Janelle Bonn,  
Woodard & Curran

### Provincetown

**Boxed In: Wastewater Effluent Discharge Challenges  
in a Coastal Environment**

Julia Khrakovsky, GHD  
Anastasia Rudenko, GHD

**Development of a Robust Inventory and Nitrogen  
Load Estimation of Onsite Wastewater Treatment  
Systems to Long Island Sound**

Zachary Eichenwald, CDM Smith

**Watershed Planning, Partnerships and Public  
Education to Address Excessive Nutrients in a  
Mashpee Wampanoag Tribe Ancestral Pond**

Kimberly Groff, SNEP

**Lessons Learned from the Largest Watershed-Based  
Phosphorus Reduction Facility in the Country**

Scott Shannon, Woodard & Curran

**Exhibit Hall Break**

3:00–3:30 PM

Tuesday  
2:00–4:30 PM

## Technical Sessions 20–25

### Session 24

#### Public Awareness – Communicating for Collective Impact: Stakeholder Engagement Success Stories from New England

*Moderators:*

Emily Cole-Prescott,  
City of Saco, ME

Katie Evans,  
Woodard & Curran

Sruthi Kakuturu, Dewberry

### Salon C/D

So many of the challenges facing the clean water sector involve a lack of knowledge about the great work our water teams accomplish every day. Utilities across the country and world struggle to engage those outside the industry to build support for their work, change behavior, achieve collective goals, and attract the future workforce. To change this, utilities need to be clever and creative in their outreach programs while balancing costs with conflicting priorities and stretched budgets. This panel session will present communications initiatives undertaken by New England utilities, associations, and nonprofits.

*Panelists:*

Faye DeMoura, Wright-Pierce

Kristen Kelleher, City of Cambridge, MA

Rich Niles, Woodard & Curran

Don Sands, X-Cel Conservation Corps

Theresa Tucker, York Sewer District

### Session 25

#### Energy: Energy Neutrality from the Local to National Stage

*Moderators:*

Tracy Chouinard,  
Brown and Caldwell

Tom Schwartz,  
Woodard & Curran

### Wellesley

#### Optimizing Aeration System Design to Maximize Performance

Adam Clarke, Aerzen USA

Clay Evans, Aerzen USA

#### The Future of Heat and Programs for Decarbonizing Wastewater Operations

Janine Burke-Wells, NEBRA

Michael McDonald, National Grid

#### Roadmap for Achieving Energy Neutrality: Planning and Funding Energy Resiliency Projects Without Compromising Water Quality

Elizabeth Watson Keddy, Hazen and Sawyer

#### Energy Concerns for Biosolids Thermal Processing? A Comparison of Pyrolysis, Gasification & Incineration using Real-World Applications is Revealing

Sara Greenberg, GHD

Marc Drainville, GHD

### Exhibit Hall Break

3:00–3:30 PM

Wednesday  
8:30–11:00 AM

## Technical Sessions 26–31

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### Session 26

**Stormwater 3:  
Design Solutions –  
Helping Stormwater  
Managers Sleep at Night**

*Moderators:*

Joe Keitner,  
City of Westfield, MA  
Brutus Cantoreggi,  
Town of Franklin, MA

### Salon A/B

### Session 27

**Plant Operations 4:  
Process Intensification  
& Optimization**

*Moderators:*

Emily Korot, CDM Smith  
Nick Tooker,  
University of Massachusetts

### Suffolk

**MassDCR's Cost Effective Approach to Stormwater Retrofits**

Sarah Nalven, VHB  
Joanna Sullivan, VHB

**Providence's Approach to Restoring Water Quality in Roger Williams Park**

Brandon Blanchard, Pare Corporation  
Brian Byrnes, City of Providence, RI  
Ryan Kopp, Audubon Society of Rhode Island

**The Climate Change Climb – Preparing for Rising Seas and Extreme Storms in Coastal Communities**

Chris Dapson, Environmental Partners  
Eric Kelley, Environmental Partners

**After the Storm: Town of Norwood's Journey From Extreme Rainfall Toward Stormwater Resilience**

Stefani Harrison, Stantec  
Tyler Cosma, Stantec

**Sludge Settleability Improvements Associated with Densification of BNR Activated Sludge**

Eric Staunton, CDM Smith

**Using Granular Activated Sludge on a Small Site to Upgrade Saco's WRRF For 50% Growth, Sea Level Rise, CSO Reduction, and Nitrogen Removal**

Frederick Mueller, Tighe & Bond  
Kyle Coolidge, Tighe & Bond

**ABAC Unleashed: A Full-Scale Demonstration of Efficient Bnr Harnessing Internally Stored Carbon Driven Snd and Post-Denitrification**

Pusker Regmi, Brown and Caldwell

**Creative Construction Adds Redundancy to Aging Wastewater Treatment Plant**

Julianne Page, Woodard & Curran  
Kayla Marquis, Woodard & Curran

**Exhibit Hall Break**

9:30–10:00 AM

Wednesday  
8:30–11:00 AM

## Technical Sessions 26–31

### Session 28

**Collection Systems 4:  
Looking to Unclog in All  
the Tight Spaces**

*Moderators:*

Brad Hayes,  
Woodard & Curran  
Tom Loto, AECOM

### Salon C/D

**Paradise Avenue Easement Sewer Improvements –  
Locating, Accessing, and Rehabilitating Major  
Interceptor Submerged in a Flood Control Water  
Impoundment**

Sean Mitchell, Arcadis  
Mario Riconzi, GNHWPCA  
Sarah Wohlfahrt, Arcadis

**Rehabilitating a 48-inch Brick Sewer Under a  
Mass Transit Right-of-Way**

William Ditullio, Woodard & Curran  
Serena Takada, Woodard & Curran

**From Vision to Implementation, A Story of Much  
Needed Sewer Improvements in the  
Most Dense City in Massachusetts**

Kevin Rafferty, Hazen and Sawyer  
Charles Wilson, Hazen and Sawyer

**Risk Mitigation in Trenchless Rehabilitation  
Design & Construction**

Charles Tripp, AECOM

### Session 29

**Residuals and Biosolids 3:  
Improving Biosolids for  
a Circular Economy**

*Moderators:*

Vanessa Borkowski,  
Stantec  
Phil Tucker,  
York Sewer District

**Working Towards a Sustainable Outlet for Maine  
Biosolids Through a Regional Solution**

Scott Firmin, Portland Water District  
John Ross, Brown and Caldwell

**Consistency is Key: Sludge Thickening for  
Operational and Treatment Advantages**

Sarah Viola, Wright-Pierce  
Sean Greig, Town of Newmarket, NH

**Supercharging Anaerobic Digestion: Exploring a  
Suite of Intensification Strategies and Technologies**

Baoqiang Li, Black & Veatch

**Turning Waste Products into Premium Products**

David Buurma, LaSalle Agri

### Simmons

**Exhibit Hall Break**

9:30–10:00 AM

Wednesday  
8:30–11:00 AM

## Technical Sessions 26–31

### Session 30

**Industrial Wastewater:  
Industrial Waste  
Innovative Technologies  
and Pretreatment  
Coordination**

*Moderators:*

Michael Smith,  
Weston & Sampson  
Matthew Dickson,  
Haley Ward

### Wellesley

### Session 31

**Utility Management:  
Workforce & Funding**

*Moderators:*

Jay Sheehan,  
Woodard & Curran  
Donald Gallucci,  
Weston & Sampson

### Provincetown

**Troubled Waters: Industrial Pretreatment and  
Its Effects on Process Control**

Chelsey Little, Town of Montague, MA  
Tim Little, Town of Montague, MA

**An Innovative Approach to Brewery Wastewater  
Management, Side-streaming, and Pretreatment  
Coordination**

Luke Truman, New England Environmental  
Finance Center

**The Big One That Did Not Get Away: Pilot Testing  
To Reach 12 µg TP/L in a Hatchery Effluent**

Ellie Tavasoli, HDR  
Rebecca Elwood, HDR

**High Temperature Pyrolysis (HTP) Converts  
Biosolids into Contaminant Free Biochar and  
Renewable Energy**

Andrew Friedenthal, CHAR Technologies

**Engaging the Next Generation of Water Leaders –  
Stories from an Enterprise-Wide Mentoring Program**

Ben Mosher, CDM Smith

**Why Are You Still Working Five Days Per Week?**

Rob Pontau, Brunswick Sewer District

**Effective Funding and Finance Technical Assistance  
Approaches: Perspectives from the New England  
Environmental Finance Center**

Laura Collins, New England Environmental  
Finance Center

Chloe Shields, New England Environmental  
Finance Center

**Comprehensive Funding Strategy Development:  
Creating A Plan and Executing It**

Trevor Johnson, Arcadis  
Aaron Henderson, Arcadis  
Katherine Duskin, Arcadis

**Exhibit Hall Break**

9:30–10:00 AM

Wednesday  
1:00–3:00 PM

## Technical Sessions 32–37

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### Session 32

**Plant Operations 5:  
Biological Nutrient  
Removal Unconventional  
Upgrades**

*Moderators:*

Adam Higgins, Wright-Pierce  
Ben Levin,  
Hazen and Sawyer

### Suffolk

**Need to Achieve Low Effluent Total Nitrogen?  
SBRs are Still a Great Choice**

William McConnell, CDM Smith

**Turning all the Dials – Using Multiple Control  
Parameters To Implement Low DO Operation to  
Reduce Energy Use and Optimize Nitrogen Removal**

Paul Dombrowski, Woodard & Curran

**Wash, Rinse and Repeat? Considerations for a  
Challenging Aeration Tank Rehabilitation**

Erin Moore, Tighe & Bond  
Mara Kilburn, The Precision Group  
Tom Frankel, SSI Aeration

**A Biological Phosphorus Removal Success Story in an  
Oxidation Ditch at the Town of Sunapee, NH POTW**

John Adie, NHDES  
Kenneth Kessler, NHDES  
Richard Emberely, NHDES

### Session 33

**Stormwater 4: Next  
Steps in Addressing  
the Stormwater  
Nutrient Dilemma**

*Moderators:*

Zach Henderson,  
Woodard & Curran  
Natalie Pommersheim,  
Environmental Partners  
Kate Edwards, Arcadis  
Peter Varga, Kleinfelder

With new nutrient waste load allocations incorporated in the Environmental Protection Agency's Municipal Separate Stormwater Sewer System (MS4) Permit in Massachusetts and New Hampshire, the stage has been set for extensive and unprecedented stormwater based nutrient reduction implementation strategies that will span the next several decades. This session is intended to build off outcomes from the one-day stormwater specialty conference in May 2023 and will focus on source control innovations, regulatory updates, and regional success stories.

**Part 1: Street Sweeping &  
Leaf Litter Collection**

Panelists:  
James Houle, University of  
New Hampshire  
Waneta Trabert, City of  
Newton, MA  
Marc Valenti, Town of  
Lexington, MA  
Gretchen Young, City of  
Rochester, NH  
Dan Walsh, WL French

**Part 2: Regulatory Updates  
& Regional Success Stories**

Panelists:  
Liz Clark, MassDEP  
Newton Tedder, EPA  
Max Rome, Charles River  
Watershed Association  
Cece Gerstenbacher,  
Merrimack Valley  
Planning Comm.  
Marja Copeland, Mystic  
River Watershed Assoc.  
Kerry Reed,  
Hopkinton DPW

### Salon A/B

Wednesday  
1:00–3:00 PM

## Technical Sessions 32–37

### Session 34

**CSO/Wet Weather  
Issues 3:  
CSO Notification and  
Compliance Hurdles**

*Moderators:*

Erika Casarano, AECOM  
Lin Liang, Stantec

**Simmons**

**Lowell's Experience with CSO/SSO Notification Rules**  
Cliff Hall, Lowell Regional Wastewater Utility

**A Practical Sewer Network Digital Twin:  
It is not a PIPE dream!**  
Varun Srinivasan, Trinnex

**Programming Tools to Understand and  
Communicate Receiving Water Quality  
Model Results**

Karilyn Heisen, CDM Smith  
Kathryn Swanson, CDM Smith  
Kimberly Hetrick, CDM Smith  
Michael Lichte, Alcosan  
Sam Shamsi, Alcosan

**Pitfalls of CSO Public Notification**  
Scott Neesen, ADS  
Charlie Jewell, BWSC

### Session 35

**Water Reuse: Recovering  
Our Resources Through  
Innovative Water Reuse  
Applications**

*Moderators:*

Nicholas Ellis,  
Hazen and Sawyer  
Meredith Zona, Stantec

**Wellesley**

**Potable Reuse: How Southeastern MA Can Take a  
Page from the Southwest's Playbook**  
Sara Greenberg, GHD  
Chelsea Phan, GHD

**Quantification of Greenhouse Gas Emissions in  
RO and Carbon-Based Potable Reuse Treatment  
Configurations**  
Brett Wagner, AECOM

**The Evolution of Membrane Bioreactors in  
North America**  
Anthony Zamarro, CDM Smith

**Regulatory Trends in Water Reuse**  
Dennis Greene, NHDES  
Marybeth Chubb, MassDEP

Wednesday  
1:00–3:00 PM

## Technical Sessions 32–37

### Session 36

**Sustainability:  
Harnessing the Triple  
Bottom Line for Water  
and Wastewater  
Operations**

*Moderators:*

Maeve Carlson,  
Wright-Pierce  
Wayne Bates,  
Tighe & Bond

### Provincetown

### Session 37

**Asset Management**

*Moderators:*

Peter von Zweck, Jacobs  
Eliza Styczynski,  
Brown and Caldwell

### Salon C/D

**Utilizing WRRFs as Community Anchors to  
Achieve Circular Economy Goals**

Anastasia Rudenko, GHD  
Marc Drainville, GHD

**GHG Accounting and Target-Setting for  
Water Utilities**

Chelsea Conlon, JKMuir  
Jennifer Muir, JKMuir

**Sustaining Your Pipes and Your Planet: Calcium  
Nitrate Dosing for Odor and Corrosion Control  
Reduces Methane Levels within Collection Systems**

Danielle Arney, Evoqua

**With Great Carbon, Comes Great Responsibility:  
Measuring and Mitigating Climate Impacts from  
Biosolids and Other Wastewater Operations**

Janine Burke-Wells, NEBRA

**Modernizing the Municipality: Smart Compliance  
Reporting with GIS & Asset Management Technology**

Rachel Osborn, Woodard & Curran  
Paul Costello, City of Quincy, MA  
Rich Niles, Woodard & Curran  
Stephen Washburn, City of Quincy, MA

**A Decade of Asset Management at the  
South Essex Sewerage District**

David Michelsen, SESD  
Bob Lawrence, Jacobs  
Erik Nowak, SESD  
Francisco Mago, SESD  
Jonathan Coddington, SESD

**Stormwater Tracking and Accounting:  
A Regional Success Story**

Renee Bourdeau, Geosyntec Consultants

**Replace, Renew, Sustain: Asset Management Case  
Studies in Maximizing LoS**

Daniel Roop, Tighe & Bond  
Trisha Worthington, Tighe & Bond  
Valerie Flaherty, Town of North Attleborough, MA

Monday  
8:00–8:30 AM

# Annual Business Meeting

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## Regis

Respectfully submitted on  
September 8, 2023, by  
the NEWEA Nominating  
Committee:

Jennifer Kelly Lachmayr,  
Chair

Eddie Davies

Marina Fernandes

Virgil Lloyd

Frederick McNeill

All nominees have  
indicated their willingness  
to serve.

By vote of the Nominating Committee, I submit the following nominations in accordance with Article 9.3.1 of the NEWEA Constitution and Bylaws to the Executive Committee, for approval to place the slate of officers before the membership at the NEWEA Annual Business Meeting on January 22, 2024:

- Vice President – **Scott Firmin**
- Deputy Treasurer – **Arthur Simonian**
- WEF Delegate – **Emily Cole-Prescott**
- Council Director – Communications – **Philip Tucker**
- Council Director – Meeting Management – **Scott Neeses**
- Council Director – Outreach – **Daryl Coppola**
- Rhode Island Director – **Amy Anderson George**
- Vermont Director – **Jennie Auster**

In accordance with the provisions of Article 9.3.2 of the NEWEA Constitution & Bylaws, these Officers will advance to the following positions:

- President – **Scott Goodinson**
- President-Elect – **Deborah Mahoney**
- Past President – **Robert Fischer**

The remaining incumbents are fulfilling unexpired terms:

- Treasurer – **David Van Hoven** (3rd year)
- WEF Delegate – **Raymond Vermette** (through WEFTEC 2024)
- WEF Delegate – **Janine Burke-Wells** (through WEFTEC 2025)
- WEF Delegate – **Virgil Lloyd** (through WEFTEC 2026)
- Council Director: Collection Systems/Water Resources – **Scott Lander** (2nd year)
- Council Director: Innovation – **Michael Murphy** (2nd year)
- Council Director: Treatment, Systems Operations & Management – **Marina Fernandes** (3rd year)
- Connecticut Director – **Vanessa McPherson** (2nd year)
- Maine Director – **Paula Drouin** (3rd year)
- Massachusetts Director – **John Digiacomo** (2nd year)
- New Hampshire – **Michael Trainque** (3rd Year)

Monday

9:00 AM–2:30 PM

Session with Authors:

12:30–2:30 PM

3rd Floor Atrium

# Undergraduate Student Poster Board Competition

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## **Analysis and Evaluation of the Shad Factory Reservoir**

Amanda Bucco, Michelle Kryl, Stephen  
Hansen, Chase Steenburgh,  
Robert Reino  
Roger Williams University

## **Simultaneous Degradation of PFAS and Ammonia in Landfill Leachate**

Isabella Clowes, Bhargavi Ramesh,  
Liam Thomson  
Worcester Polytechnic Institute

## **Using Motor Power Sensors to Optimize Activated Sludge Process**

William Fang  
University of Massachusetts Amherst

## **Biologic Erosion Control**

Angie Gabinetti, Hunter Frament, Garrett  
Molampy, Zach Lang,  
Matt Viveiros, Tyler Zanini  
Roger Williams University

## **Blue Zones: What's in Their Water?**

Olivia Givens  
Northeastern University

## **Novel Method for Treating PFAS in Water**

Max Elwell, Maddy Goggin, Patrick  
McKenna, Nathan Raymond  
Worcester Polytechnic Institute

## **Flowing Together: Bringing Potable Water to Saviefe Deme, Ghana**

Angelina Fung, Jake Chirco,  
Dan Heron, Kiersten O'Connell,  
Patrick Walsh  
University of Massachusetts Amherst

## **Phytoremediation of PFAS in Drinking Water**

Ben Lanava, Gray Tynefield,  
Molly Larson, Erin Schustek,  
Caleb Hagner  
Northeastern University

## **Analyzing PFAS Concentrations Along the Blackstone River Watershed**

Noelle Noons, Alec Parish  
Worcester Polytechnic Institute

## **Adsorption and Release of Heavy Metals in Compost-Amended Bioswales for Stormwater Treatment**

Mackenzie Guthrie  
Quinnipiac University

## **Integrated Structural and Sanitation Infrastructure Development: A Collaborative Endeavor for Educational Empowerment in Chuixil, Guatemala, in Partnership with Engineers Without Borders**

Jennifer Pena, Olivia Ciaravino  
Northeastern University

## **Sustainable Stormwater Management at Nuestras Raíces:**

### **A Rain Garden Design for Resilience**

Rachel Rannikko  
University of Massachusetts Amherst

## **Fungal Derived Biochar as a Viable Solution for Copper (ii) Removal from Stormwater**

Hudson Smith  
University of Vermont

## **Designing a Portable Spectrophotometer for Water Quality Analysis**

Venus Fu, Ethan Howard, Matt DelGREGO,  
Hunter Boutin, Christian Sousa  
Roger Williams University

## **Sustainable Learning: UMass Amherst's Rainwater**

**Catchment System**  
Peter Swenson, John Chen, Sadie Lienau  
University of Massachusetts Amherst

## **Infiltration and Inflow Analysis**

Alexander Thornberg, Luis Garcia,  
Brayden Smith  
University of Hartford

## **Environmental Impact of Remote Partnerships on Long Term Projects**

Andy Giaya, Ryan Roberts  
University of Massachusetts Amherst

## **Borehole Implementation Las Delicias, Panama**

Charlotte Andrews, Angelika Tyhansky  
Northeastern University

## **A Sustainable Water Distribution System Design for a Community in Nakenyi, Uganda**

Dhwani Bhatt, Bianca Dimailig,  
Nathee Rojvachiranonda  
Northeastern University

Monday

9:00 AM–2:30 PM

Session with Authors:  
12:30–2:30 PM

3rd Floor Atrium

# Graduate Student Poster Board Competition

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**Evaluating the Resource Recovery Potential of Dairy Processing Waste Through Anaerobic Digestion**

Kennedy Brown  
University of Vermont

**Integration of Chlorine Production from Electrolysis into a Wastewater Treatment Plant**

Nelson Chime Chidubem  
University of Maine

**Fermentation of Amino Acids by Anaerobic Microbiomes in the Absence of Methanogenesis**

Leandro Conrado  
University of Vermont

**The Influence of Thermal Pretreatment on the Fermentation of Cow Manure to Produce Butyrate as a Pre-Cursor for Propane**

Mona Davoudimehr  
University of Vermont

**Disentangling the Complex Water Reuse Regulatory Situation**

Carrie Ellis  
University of Rhode Island

**Analysis of SARS-CoV-2 Passive Sampling Uptake Kinetics in a Pilot Scale Simulated Batch Reactor Sewer System**

Andrew Kennefick  
University of Massachusetts Amherst

**Enhanced Electrochemical Textile Dye Degradation Using Fe-TAML Catalysts**

Faye Kuszewski  
University of Massachusetts Amherst

**Quantitative Detection of SARS-CoV-2 Viral Load in Wastewater Using Acoustic Wave Micropillar Biosensors**

NERISSA MOLEJON, ALEX RYZY  
University of Massachusetts Lowell

**Stability and Degradation of Psychoactive Drugs in Riverine Systems**

Varsha Niroula  
University of Massachusetts Lowell

**Evaluation of the Current and Future Operation of the Mekoryuk Wastewater Lagoon**

Raphael C. Nnachi, Liam Amery,  
Kevine Odira  
University of Massachusetts Amherst

**Interaction Between Carboxylated-Polystyrene Nanoparticles in Alginate Matrix: Elucidating the Role Of Crosslinking Density and Particle Size**

Timothy Onuh  
University of Massachusetts Amherst

**Exposure to Ketamine Affects the Growth and Development of Oyster Larvae**

Gustavo Salcedo  
University of Massachusetts Lowell

**Determining Ideal OLR for Converting a Mixture of Glucose and Xylose to MCCAs**

Panagiota Stamatopoulou  
University of Vermont

**Atmospheric Deposition of Per- and Polyfluoroalkyl Substances (PFAS) in the Great Bay Watershed, New Hampshire**

Katherine Wieck  
University of New Hampshire

**Identifying Transformation Pathways of Five PFAS Classes in Biological Systems Using EPA's Chemical Transformation Simulator (CTS)**

Leila Hassanpourmoghdam  
University of New Hampshire

Tuesday  
8:00 AM–4:30 PM

**3rd Floor**  
**Atrium (Exhibits)**  
**Regis (Session)**



Thank you to our  
Water Innovation  
Partners:

Evoqua Water  
Technologies

Watts Water

# NEWEA’s Innovation Council Innovation Pavilion

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NEWEA’s Innovation Council is excited to host a full-day program that will feature Innovator exhibits, a Plenary discussion looking at the current ONE Water challenges faced by utilities and those over the next 50 years, pitches from innovators who are developing technologies to address the topics covered during the plenary session, and an afternoon technical session.

NEWEA’s Innovation Council provides a platform for those sharing a common passion to bring solutions to market to come together to address challenges and opportunities in water innovations. Members represent all sectors of the water community including utilities, service providers, consultants, manufacturers, water users, regulators, investors, and researchers both domestically and globally.

SCHEDULE - TUESDAY JANUARY 23, 2024	
8:00 - 9:00 AM (3rd Floor Atrium)	<b>Continental Breakfast</b>
9:00 - 11:00 AM (3rd Floor Atrium)	<b>Innovators Set Up &amp; Network</b>
11:00 AM - 12:30 PM (Salon E)	<b>“Our One Water Future”</b> Plenary Session and Interactive Panel with Innovators addressing problem statements presented by the panelists. <i>See description on page 16</i>
12:00 - 2:00 PM	<b>Lunch Break</b> (on own)
2:00 - 2:30 PM (Regis)	<b>Veolia Presentation</b> The Veolia Innovation team will share their experience of how they successfully persuaded both internal and external stakeholders to pilot the Barrel on a wastewater reclamation plant in Southern California. They will discuss the steps they took and the obstacles they overcame to gain support for this innovative technology. <ul style="list-style-type: none"><li>• Celine Delabie, Veolia</li><li>• Kendra Morris, Veolia</li></ul>

# Innovation Pavilion cont'd

## Exhibitors

AquaMetrix by  
Water Analytics

Beacon Energy  
Solutions, LLC

Dewberry

OptiRTC

River Otter  
Renewables

Trinnex

Water Hero, Inc.

SCHEDULE - TUESDAY JANUARY 23, 2024 - cont'd	
2:30 - 3:00 PM (Regis)	<p><b>Xylem Presentation</b></p> <p>How does the world's largest pure-play water technology company think about innovation? Jeff Lopes and Josh Griffis are water innovation veterans who began their innovation careers at the same time that their companies were launching dedicated innovation programs. Jeff with Xylem and Josh with Evoqua which is now a part of Xylem. During this presentation they will share their experience and perspectives on Xylem's evolved innovation vision along with the processes established to realize it, including needs-finding, technology scouting, R&amp;D collaborations, and commercial partnerships.</p> <ul style="list-style-type: none"> <li>• Jeff Lopes, Xylem</li> <li>• Josh Griffis, Xylem</li> </ul>
3:00 - 3:30 PM	<p><b>Coffee Break</b></p>
3:30 - 4:30 PM (Regis)	<p><b>Enhanced Innovative &amp; Alternative (EIA) Septic Update - Case Studies and Financial Impact</b></p> <p>Scott Horsley will discuss case studies in Wellfleet and Tisbury which resulted in a successful Wellfleet SRF IUP application and a Targeted Watershed Management Plan for Lake Tashmoo, Tisbury, MA. What works and how did we get there? Bruce Walton will look at comparative cost numbers for I/As and sewerage, and what they could mean for towns and the Cape. Finally, we will take questions and hear from Michael Loberg of the Tisbury Board of Health, Marybeth Chubb, Wastewater Section Chief, MassDEP and Chi Ho Sham, incoming chair of NEWEA Innovation Committee.</p> <ul style="list-style-type: none"> <li>• Scott Horsley, Water Resources Consultant</li> <li>• Bruce Walton, Battalia Winston</li> <li>• Michael Loberg, Tisbury Board of Health</li> <li>• Marybeth Chubb, Wastewater Section Chief, MassDEP</li> <li>• Chi Ho Sham, Incoming Chair, Innovation Committee</li> </ul>

**NEW ENGLAND WATER  
ENVIRONMENT ASSOCIATION  
PRESENTS**

# **Annual Awards Ceremony & Luncheon**

**NEWEA 2024  
Annual Conference & Exhibit  
January 21–24**

**BOSTON MARRIOTT  
COPLEY PLACE  
BOSTON, MA**

# US EPA – Region 1 New England Awards

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## Wastewater Treatment Plant O&M Excellence Award

### **Burrillville, Rhode Island**

Michael Emond, Superintendent

### **Hanover, NH Water Reclamation**

Kevin MacLean, Superintendent

### **Wells, ME Sanitary District**

Nick Rico, Superintendent

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## Wastewater Treatment Plant Operator of the Year Excellence Award

**Nate Brown**, Peterborough, NH WWTF

**Dan Copp**, Johnson, VT WWTF

**Joseph Gaudiana**, Ludlow, VT WWTF

**Kenneth LaCasse**, Hardwick, MA WWTF

**Kathy Perez**, South Kingstown, RI WWTF

**Robert Wells**, Middlebury, VT WWTF

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## Wastewater Trainer of the Year

**Betty Green**, B. Green L&P Consulting

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## Industrial Pretreatment Program of the Year

### **Greater Lawrence Sanitary District, Massachusetts**

Colleen Spero, Monitoring Manager

### **City of Nashua, New Hampshire**

Douglas Starr, Industrial Pretreatment Coordinator

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## Lifetime Achievement Award

### **Rhode Island Department of Environmental Mgmt.**

William L. Patenaude (retired)

# NEWEA Recognition and Awards

## 2023-2024 NEWEA Scholarship Winners



Non-Environmental Major  
**Owen Callaghan**  
University of Maine



Environmental Major  
**Varsha Niroula**  
University of  
Massachusetts

## Kate Biedron Memorial Scholarship



**Ella Quinn**  
University of  
Massachusetts

## Terry Campbell Memorial Scholarship



**Dominic Perkins**  
University of Maine

## Stockholm Junior Water Prize



**Alexander Busko**  
Bangor, ME



**HyeonKi Lee**  
Gill, MA



**Abhinav Avvaru**  
Nashua, NH



**Naomi Park**  
Riverside, CT

# NEWEA Operator Awards

## NEWEA Operator Award



**Connecticut**  
**David Milano**  
Cheshire, CT



**Maine**  
**Keefe Cyr**  
Bangor, ME



**Massachusetts**  
**Eric Kerr**  
Chicopee, MA



**New Hampshire**  
**Sam Heffron**  
Newmarket, NH



**RHODE ISLAND**  
**Kathy Perez**  
South Kingstown, RI



**Vermont**  
**Matt Dow**  
Burlington, VT

## Alfred E. Peloquin Award



**Connecticut**  
**Thomas Tyler**  
Hartford, CT



**Maine**  
**Philip J. Tucker**  
York, ME



**Massachusetts**  
**John Downey**  
Dedham, MA



**New Hampshire**  
**Sharon L. Nall**  
Concord, NH



**Rhode Island**  
**Nathan Boiros**  
Providence, RI



**Vermont**  
**Bernard J. Fleury**  
Essex Junction, VT

# NEWEA Recognition & Awards



**James J. Courchaine**  
**Collection Systems**  
**Award**  
**Kevin Brander**  
Woburn, MA



**Paul Keough**  
**Award**  
**Sarah Robertson**  
Montague, MA



**Young**  
**Professional**  
**Award**  
**Casey Rosenberg**  
Bedford, NH



**Youth Educator**  
**Award**  
**Jeff Kalmes**  
Billerica, MA



**Biosolids**  
**Management Award**  
**Mary Waring**  
Brunswick, ME



**Committee**  
**Service Award**  
**Kevin Garvey**  
Andover, MA



**Energy Management Achievement Award**  
**Hall Street Wastewater Treatment Plant, Concord, NH**

# NEWEA Recognition & Awards



**Wastewater Utility Management  
North Conway, NH Water Precinct**



**E. Sherman Chase  
Award  
Jane LaMorte  
Strafford Springs, CT**



**Clair N. Sawyer  
Award  
Nick Tooker  
Amherst, MA**



**Elizabeth A.  
Cutone Executive  
Leadership Award  
Steven J. King  
North Kingstown, RI**



**Diversity, Equity,  
& Inclusion  
Leadership Award  
Jasmine Strout  
Westford, MA**



**Founders Award  
James R. Barsanti  
Boston, MA**



**Past President's  
Plaque and Pin  
Frederick J. McNeill  
Manchester, NH**

# WEF Member Association Awards & Recognition



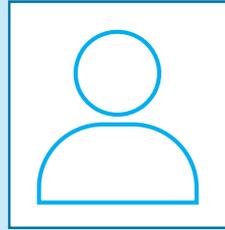
**WEF Operations Challenge, Division II - 2nd Place**  
**Rising Sludge**



**WEF Fellow**  
**Jennifer Kelly Lachmayr**  
Wakefield, MA



**WEF Fellow**  
**John Trofatter**  
Land O'Lakes, FL



**WEF Operator Scholarship\***  
**Mitchell Ryan**  
Greenfield, MA



**Quarter Century Operator Award\***  
**Mary Waring**  
Brunswick, ME



**Quarter Century Operator Award\***  
**Chris Robinson**  
Shelburne, VT



**Quarter Century Operator Award\***  
**Erik Bailey**  
Johnson, VT

\*presented at WEFTEC

# WEF Member Association Awards



**Laboratory Analyst  
Excellence Award**  
**Walter Palm**  
Providence, RI



**William D. Hatfield  
Award**  
**Sean Greig**  
Newmarket, NH



**Arthur Sidney Bedell  
Award**  
**Matt Formica**  
Chelmsford, MA



**George W. Burke, Jr. Award**  
**Cohasset, MA WWTP**



**WEF Delegate**  
**Peter Garvey**  
Boston, MA



**WEF Delegate-at-Large**  
**Matt Formica**  
Chelmsford, MA

# Presenters

PRESENTER	AFFILIATION	SESSION NO.
John Adie .....	NHDES .....	32
Ben Agrawal .....	Hazen and Sawyer.....	4
Michael Andrus .....	Upper Blackstone Clean Water.....	14
Danielle Arney.....	Evoqua .....	36
Francisco Barajas.....	AECOM.....	5
Kalila Barnett.....	Barr Foundation.....	8
Kathleen Baskin.....	MassDEP .....	7
Brandon Blanchard.....	Pare Corporation.....	26
Micah Blate .....	Hazen and Sawyer.....	11
Hector Bordas.....	Woodard & Curran.....	4
Renee Bourdeau .....	Geosyntec Consultants .....	37
Jay Boyd .....	ADS .....	16
Aaron Brennan.....	Woodard & Curran.....	2
Douglas Brisee.....	Fuss & O'Neill.....	9
Todd Brown.....	University of Hartford.....	13
Ryan Buckley.....	NEIWPCC .....	13
Janine Burke-Wells .....	NEBRA.....	18, 25, 36
David Buurma.....	LaSalle Agri.....	29
Brian Byrnes .....	City of Providence, RI.....	26
Paul Calamita.....	AquaLaw.....	18
Scott Carr.....	Black & Veatch.....	11
Marybeth Chubb.....	MassDEP .....	Innovation, 35
Joseph Clark.....	JWC Environmental .....	3
Liz Clark .....	MassDEP .....	33
Adam Clarke.....	Aerzen USA .....	25
Jonathan Coddington .....	SESD .....	37
Samantha Cohen.....	Brown and Caldwell .....	12
Laura Collins.....	NEEFC.....	31
Chelsea Conlon .....	JKMuir .....	36
Shelagh Connelly.....	RMI .....	20
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Christopher Curran .....	AECOM.....	18
Chris Dapson.....	Environmental Partners .....	26
Brandon Davis.....	Heartland Water Technology .....	11
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<b>PRESENTER</b>	<b>AFFILIATION</b>	<b>SESSION NO.</b>
Faye DeMoura.....	Wright-Pierce.....	24
William Ditullio.....	Woodard & Curran.....	28
Paul Dombrowski.....	Woodard & Curran.....	14, 32
Leon Downing.....	Black & Veatch.....	21
Patrick Doyle.....	Massachusetts Institute of Technology.....	5
Marc Drainville.....	GHD.....	25, 36
Pat Duggan.....	AECOM.....	22
Patrick Dunlap.....	Black & Veatch.....	21
Katherine Duskin.....	Arcadis.....	31
Kathryn Edwards.....	Arcadis.....	12
Zachary Eichenwald.....	CDM Smith.....	23
Andy Elderbrock.....	Arcadis.....	6
Rebecca Elwood.....	HDR.....	30
Richard Embereley.....	NHDES.....	32
Clay Evans.....	Aerzen USA.....	25
Tyler Feeney.....	Woodard & Curran.....	1
Dan Finan.....	Veolia.....	2
Scott Firmin.....	Portland Water District.....	20, 29
Valerie Flaherty.....	Town of North Attleborough, MA.....	37
Jake Fleming.....	City of Leominster, MA.....	2
Ryan Flood.....	Aquamatrix by Water Analytics.....	6
Amber Foote.....	AECOM.....	6
Jacob Fortin.....	Woodard & Curran.....	6, 14
Krista Forti.....	Woodard & Curran.....	2
Tom Frankel.....	SSI Aeration.....	32
Steven Frederick.....	SWSC.....	2
Jesse Freeman.....	Woodard & Curran.....	14
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Kevin Garvey.....	Wright-Pierce.....	3
Cece Gerstenbacher.....	Merrimack Valley Planning Commission.....	33
Devashish Gokhale.....	Massachusetts Institute of Technology.....	5
Dennis Greene.....	NHDES.....	35
Sara Greenberg.....	GHD.....	19, 25, 35
Allie Greenfield.....	Woodard & Curran.....	14
Sean Greig.....	Town of Newmarket, NH.....	29
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Kimberly Groff.....	SNEP.....	23
Andrew Grota.....	Environmental Partners.....	16
William Guenther.....	Fuss & O'Neill.....	4
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Sue Guswa.....	Woodard & Curran.....	14
Joe Haberek.....	RIDEM.....	7
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Ivonne Hall.....	CTDEEP.....	7
Andre Hamelberg.....	Massachusetts Institute of Technology.....	5

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Shane Hancox.....	University of Massachusetts .....	19
Stefani Harrison.....	Stantec.....	8, 26
Vaughan Harshman.....	V&A Consulting Engineers .....	16
Greg Heath.....	AECOM.....	22
Karilyn Heisen.....	CDM Smith.....	34
Jim Henderson.....	Heartland Water Technology.....	11
Aaron Henderson.....	Arcadis.....	31
Kimberly Hetrick.....	CDM Smith.....	34
Scott Horsley.....	Water Resources Consultant.....	Innovation
James Houle.....	University of New Hampshire.....	17, 33
Chris Hunniford.....	V&A Consulting Engineers .....	16
Amy Hunter.....	AECOM.....	2
David Hyder.....	Stantec.....	4
Jose Infante Corona.....	Kleinfelder.....	2
Jonnas Jacques.....	Kleinfelder.....	10
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Charlie Jewell.....	BWSC.....	17, 34
Thomas Johnson.....	Jacobs.....	21
Trevor Johnson.....	Arcadis.....	31
Elizabeth Karivelil.....	Brown and Caldwell.....	12
Ziad Kary.....	Environmental Partners.....	16
Kristian Kelleher.....	City of Cambridge, MA.....	24
Eric Kelley.....	Environmental Partners.....	26
Courtney Kennedy.....	Jacobs Engineering.....	9
Kenneth Kessler.....	NHDES.....	32
Julia Khrakovsky.....	GHD.....	23
Mara Kilburn.....	The Precision Group.....	32
Hannah Kominske.....	Kleinfelder.....	2
Ryan Kopp.....	Audubon Society of RI.....	26
Kimberly Koriath.....	Rhode Island Infrastructure Bank.....	4
Emily Korot.....	CDM Smith.....	13
Joseph Lanzafame.....	City of New London.....	12
Bob Lawrence.....	Jacobs.....	37
Baoqiang Li.....	Black & Veatch.....	29
Michael Lichte.....	Alcosan.....	34
Chelsey Little.....	Town of Montague, MA.....	30
Tim Little.....	Town of Montague, MA.....	30
Michael Loberg.....	Tisbury Board of Health.....	Innovation
Peter Loomis.....	CDM Smith.....	20
Jeff Lopes.....	Xylem.....	Innovation
Kitty Lovell.....	Woodard & Curran.....	13
Francisco Mago.....	SESD.....	37
Deborah Mahoney.....	Brown and Caldwell.....	18
Laura Marcolini.....	Fuss & O'Neill.....	21
Kayla Marquis.....	Woodard & Curran.....	27
Karina Massey.....	Jacobs Engineering.....	9

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Ken Mavrogeorge .....	City of Dover .....	4
Edwin McAuliffe .....	Veolia.....	2
Jim McCaughey .....	NBC.....	20
William McConnell.....	CDM Smith.....	32
Sean McCormick .....	RIDEM.....	1
Michael McDonald .....	National Grid .....	25
Theresa McGovern .....	VHB.....	17
Patrick McNamara .....	Black & Veatch.....	11
Anna Mehrotra .....	WEF.....	19
Brian Messner .....	Wright-Pierce.....	2
Baxter Miatke .....	Arcadis.....	5
David Michelsen .....	SESD.....	37
Tyler Miller .....	Arcadis.....	6
Nicholas Mitch.....	Arcadis.....	8, 12
Sean Mitchell.....	Arcadis.....	28
Erin Moore.....	Tighe & Bond .....	32
Kendra Morris .....	Veolia.....	Innovation
Ben Mosher.....	CDM Smith.....	31
Lynne Moss.....	Black & Veatch.....	11
Jacob Mueller.....	HDR.....	16
Frederick Mueller .....	Tighe & Bond .....	27
Jennifer Muir.....	JKMuir .....	36
Lisa Muscanell-DePaola .....	Wright-Pierce.....	10
Sarah Nalven .....	VHB.....	26
Scott Neesen.....	ADS.....	34
Maureen Neville .....	Woodard & Curran.....	14
Rich Niles.....	Woodard & Curran.....	24, 37
Matthew Nolan-Parkhouse .....	Veolia.....	2, 14
Erik Nowak .....	SESD.....	37
Colin O'Brien .....	Brown and Caldwell .....	13
Rachel Osborn .....	Woodard & Curran.....	37
Nate Pacheco.....	VHB.....	17
Julianne Page.....	Woodard & Curran.....	27
Russell Parkman .....	Ramboll.....	18
Jaimie Payne .....	Bartlett & West .....	13
Mary Penny .....	Arcadis.....	22
Laurie Perkins.....	Wright-Pierce.....	10
Dave Peterson.....	Kleinfelder.....	17
Forrest Petrich.....	EPA Office of Wastewater Management.....	15
Chelsea Phan .....	GHD .....	35
Douglas Pinar.....	Town of Plymouth, MA.....	16
Amy Polaczyk .....	VTDEC.....	7
Rob Pontau.....	Brunswick Sewer District .....	31
Ajay Prasad .....	CDM Smith.....	22
Kevin Raftery.....	Hazen and Sawyer.....	28
John Rahill.....	Kleinfelder.....	10

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Kerry Reed.....	Town of Hopkinton, MA.....	33
Pusker Regmi .....	Brown and Caldwell .....	27
Peter Rice .....	City of Portsmouth, NH.....	3
Mario Riconzi .....	GNHWPCA.....	28
Max Rome.....	Charles River Watershed Association .....	17, 33
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Jill Rossini.....	Kleinfelder.....	3
Anastasia Rudenko.....	GHD.....	19, 23, 36
Don Sands.....	X-Cel Conservation Corps .....	24
Karla Sangrey .....	UBCW.....	20
Hari Santha .....	Black & Veatch.....	11
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Kate Schassler.....	AECOM.....	6
Josh Schimmel.....	SWSC .....	20
Cody Schoepke .....	City of Fond du Lac, WI.....	21
Hannah Schulz.....	Woodard & Curran.....	6
Jack Segal.....	RIDEM.....	1
Chi Ho Sham.....	NEWEA Innovation Committee.....	Innovation
Sam Shamsi .....	Alcosan .....	34
Scott Shannon.....	Woodard & Curran .....	23
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Dave Szymczakiewicz.....	SWSC .....	10
Serena Takada .....	Woodard & Curran .....	28
Samuel Taugher.....	Tighe & Bond .....	3
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Daniel Thompson.....	CDM Smith.....	22
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Charles Tripp .....	AECOM .....	28
Luke Truman.....	NEEFC .....	30
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Kelly Tucker.....	EPA Office of Wastewater Management.....	15
Theresa Tucker .....	York Sewer District.....	24

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Daniel Van Schalkwyk.....	Town of Ayer, MA .....	9
Marc Valenti .....	Town of Lexington, MA .....	33
Sarah Viola.....	Wright-Pierce.....	29
Brett Wagner.....	AECOM.....	35
Dan Walsh .....	WL French.....	33
Bruce Walton .....	Battalia Winston.....	Innovation
Stephen Washburn .....	City of Quincy, MA .....	37
Jason Waterbury, .....	The MDC .....	22
Sophie Waterhouse .....	Aclarity .....	5
Elizabeth Watson Keddy....	Hazen and Sawyer.....	25
Grant Weaver.....	Grant Tech.....	1
Austin Weidner.....	Tighe & Bond .....	3
Kelly Westover.....	Stantec .....	4
Dru Whitlock .....	Stantec .....	20
Charles Wilson .....	Hazen and Sawyer.....	4, 28
Ryan Wingard .....	Wright-Pierce.....	10
Sarah Wohlfahrt .....	Arcadis .....	28
Kin Wong .....	Weston & Sampson .....	9
Tracy Wood .....	NHDES .....	7
Trisha Worthington .....	Tighe & Bond .....	37
Gretchen Young.....	City of Rochester, NH.....	33
Joseph Zaleski.....	Woodard & Curran.....	2
Anthony Zamarro .....	CDM Smith.....	35
Allison Zanette .....	CDM Smith.....	22

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3.....	Scott Lander .....	Retain-it
3.....	Allison Shivers.....	Tata & Howard
4.....	Cindy Baumann .....	CDM Smith
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5.....	Shane Hancox.....	University of Massachusetts
6.....	Meghan Otis .....	Wright-Pierce
6.....	Zach Lamoureux.....	Carlsen Systems
7.....	Jeff McBurnie .....	Casella Resource Solutions
7.....	Adam Yanulis.....	Tighe & Bond
8.....	Jess Locke .....	Tighe & Bond
8.....	Bill Russo .....	Automatech
9.....	Peter Garvey.....	Dewberry
9.....	Kara Keleher .....	Weston & Sampson
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10.....	James Drake.....	CDM Smith
11.....	Justin Motta .....	Stantec
11.....	Scott Firmin.....	Portland Water District
12.....	Andrea Braga .....	Jacobs
12.....	Julie Sullivan.....	MWRA
13.....	Nick Tooker .....	University of Massachusetts
13.....	Daryl Coppola .....	FR Mahony
14.....	Victoria Helle.....	NEIWPPC
14.....	Denise Descheneau .....	Upper Blackstone Clean Water
15.....	Jeff McBurnie .....	Casella Resource Solutions
15.....	Peter Garvey.....	Dewberry
16.....	Ryan Wingard.....	Wright-Pierce
16.....	Jim Barsanti .....	Hazen and Sawyer
17.....	Eric Kelley.....	Environmental Partners
17.....	Scott Lander .....	Retain-it
18.....	Amy Hunter.....	AECOM
18.....	Jack Segal.....	RIDEM
19.....	Brandon Blanchard.....	Pare Corporation
19.....	Chris Hayward.....	Pare Corporation
20.....	Vanessa Borkowski.....	Stantec
20.....	Eric Spargimino.....	CDM Smith
21.....	Varun Srinivasan.....	Trinnex

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21.....	Allie Greenfield .....	Woodard & Curran
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23.....	Sarah Nalven .....	VHB
23.....	Janelle Bonn.....	Woodard & Curran
24.....	Emily Cole-Prescott .....	City of Saco, ME
24.....	Katie Evans .....	Woodard & Curran
24.....	Sruthi Kakuturu .....	Dewberry
25 .....	Tracy Chouinard .....	Brown and Caldwell
25 .....	Tom Schwartz .....	Woodard & Curran
26 .....	Joe Keitner .....	City of Westfield
26 .....	Brutus Cantoreggi.....	Town of Franklin, MA
27.....	Emily Korot .....	CDM Smith
27.....	Nick Tooker .....	University of Massachusetts
28 .....	Bradley Hayes.....	Woodard & Curran
28 .....	Tom Loto .....	AECOM
29 .....	Vanessa Borkowski .....	Stantec
29 .....	Phil Tucker.....	York Sewer District
30 .....	Michael Smith.....	Weston & Sampson
30 .....	Matthew Dickson.....	Haley Ward
31.....	Jay Sheehan .....	Woodard & Curran
31.....	Donald Gallucci.....	Weston & Sampson
32.....	Adam Higgins.....	Wright-Pierce
32.....	Ben Levin.....	Hazen and Sawyer
33.....	Kate Edwards .....	Arcadis
33.....	Zach Henderson.....	Woodard & Curran
33.....	Natalie Pommersheim.....	Environmental Partners
33.....	Peter Varga .....	Kleinfelder
34.....	Erika Casarano.....	AECOM
34.....	Lin Liang .....	Stantec
35.....	Nicholas Ellis.....	Hazen and Sawyer
35.....	Meredith Zona.....	Stantec
36.....	Maeve Carlson.....	Wright-Pierce
36.....	Wayne Bates.....	Tighe & Bond
37.....	Peter von Zweck.....	Jacobs
37.....	Eliza Styczynski.....	Brown and Caldwell

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**Booth Number(s): 190**

Contact: Brian Gannon, 100 School St, Andover, MA 01810, Tel:(978) 309-0707; Email: bgannon@wateranalytics.net; www.aquamatrix.com

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Email: jpinto@aquapoint.com; www.aquapoint.com

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Contact: Joe Durning, 655 Andover St, Lawrence, MA 01843-1032, Tel:(617) 686-0630;  
Email: jdurning@asahi-america.com; www.asahi-america.com

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Atlantic Fluid Technology is a manufacturer's representative for engineered process equipment for the water reclamation, storm water, and drinking water treatment industries.

Contact: Moji Amini, 52 SW Cutoff Ste 1, Northboro, MA 01532, Tel:(508) 755-0440;  
Email: moji@aftinc.com; www.aftinc.com

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**Barton & Loguidice****Booth Number(s): 189**

Barton & Loguidice is a multi-disciplinary consulting firm that provides technical solutions to public and private clients with 350 employees throughout the Northeast and Mid-Atlantic.

Contact: John Benson, 41 Sequin Dr, Glastonbury, CT 06033, Tel:(800) 724-1070;  
Email: jbenenson@bartonandloguidice.com; www.bartonandloguidice.com

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Email: bhopkins@bauhopkins.com; www.bauhopkins.com

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**BAU/Hopkins - Cleanwater1/ Saf-T-Flo****Booth Number(s): 423**

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Contact: Bob Hopkins, 65 Holbrook St, Ste 250, Norfolk, MA 02056, Tel:(508) 699-9300;  
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**BAU/Hopkins- Netzsch/ Prime Solutions****Booth Number(s): 424**

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**Biorem****Booth Number(s): 153**

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**BioSafe Systems****Booth Number(s): 208**

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**Boerger****Booth Number(s): 156**

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Represented by: The Maher Corp, See us in Booths 152-158, 181

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**Boyson and Associates****Booth Number(s): 497, 498**

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Contact: Brian Boyson, 41 Greenside Way, Methuen, MA 01844, Tel:(508) 889-6371;  
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**Brown and Caldwell (Gold Sponsor)****Booth Number(s): 412**

Brown and Caldwell (BC) is one of the largest environmentally-focused firms and a leader in adapting state-of-the-art approaches to safeguard drinking water, maintain sanitary systems, improve vital infrastructure, and restore habitats to keep our communities thriving. We offer full-service engineering, construction, program management, and science and research services. Our bottom line is the success of our clients.

Contact: Colin O'Brien, 200 Brickstone Sq., Ste. 403, Andover, MA 01810, Tel:(978) 983-2049;  
Email: cobrien@brwnncald.com; www.browncaldwell.com

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**C.N. Wood Co****Booth Number(s): 457**

For over 50 years, C.N. Wood has been a trusted heavy construction and environmental equipment dealer throughout New England. We know the importance of the work you do and we are here to support you. With C.N. Wood, you're never alone!

Contact: Kevin Johnson, 200 Merrimac St, Woburn, MA 01801, Tel:(781) 935-1919;  
Email: kjohnson@cn-wood.com; www.cn-wood.com

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**Carl Lueders & Company****Booth Number(s): 485**

Instrumentation and Controls

Contact: Mark Lueders, 258 Main St, Unit #7, Medfield, MA 02052, Tel:(617) 435-4622;  
Email: markalueders@cs.com; www.luederscompany.com

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**Carlsen Systems (Platinum Sponsor)****Booth Number(s): 164-167, 173-176**

Supporting New England's water and wastewater industry.

Contact: Brian Olsen, 41 CrossRds Plz. #107, West Hartford, CT 06117, Tel:(603) 714-9808;  
Email: bolsen@carsensystems.com; www.carsensystems.com

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**Carter Pump****Booth Number(s): 102, 104**

Carter Pump over the past 50 years has extended its Plunger Pump product line to include both pneumatic ejectors and diaphragm pumps. Carter Pump has been installed in thousands of tough and demanding applications involving various sludge and slurries in industrial and municipal facilities.

Represented by Mechanical Solutions, Inc.

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**Casella Organics****Booth Number(s): 150**

Casella Organics is an industry leader in the transportation, recycling, processing and marketing of organic and mineral resources including biosolids, short paper fiber, ash, liming agents, food wastes, and compost.

Contact: Patrick Ellis, 755 Banfield Rd, Ste 201, Portsmouth, NH 03801, Tel:(603) 290-5819;  
Email: Patrick.Ellis@casella.com; www.casella.com/services/organics

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**Chadwick-BaRoss****Booth Number(s): 418, 419**

Chadwick-BaRoss is a stocking dealer representing some of the top manufacturers in the water and waste water industry and serving all of New England. Our product line includes EnviroSight camera systems, Sewer Equipment of America jetting, vacuum, hydro excavation, & combination machines, Stoneage Nozzles, Karcher/Holder & Bombardier/Prinoth sidewalk machines and Odra Mechanical Sweepers.

Contact: Brendan Kennedy, 1235 Auburn St, Whitman, MA 02382, Tel:(508) 580-7740;  
Email: brendan.kennedy@chadwick-baross.com;

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**Champlin Associates****Booth Number(s): 444**

Champlin Associates provides water and wastewater equipment throughout New England. We specialize in municipal and industrial water and wastewater pumps, controls, instrumentation, filtration, remote SCADA, and treatment. We are committed to understanding and supporting your complete operation in order to provide effective solutions for water and wastewater applications. Whatever your water or wastewater needs, give Champlin Associates a call.

Contact: Alec Distler, 6 Pinecrest Dr, Essex Junction, VT 05452, Tel:(802) 879-7136;  
Email: alec@champlinassociates.com; www.champlinassociates.com

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**Charter Machine****Booth Number(s): 158**

Charter Machine Co makes everything dewatering. ELODE drying, Belt Filter Presses, Screw Presses, GBT's, Rotary Drums, Polymer Systems, Conveyors and more right here in the USA!

Represented by: The Maher Corp, See us in Booths 152-158, 181

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**CleanWay Environmental Partners****Booth Number(s): 407**

CleanWay® Environmental Partners manufactures stormwater filtration solutions for drop inlets, catch basin inserts, curb inlets, downspout units and as well as variants and absorption booms. For effective stormwater treatment, Storm Clean® filtration systems help municipal, industrial and commercial customers comply with NPDES regulations. Our field-proven, adaptable designs easily retrofit existing systems and fit any size catch basin.

Contact: Melissa (Misi) Smith, PO Box 30087, Portland, OR 97294, Tel:(971) 420-4419;  
Email: melissa.smith@cleanwayusa.com; www.cleanwayusa.com

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**ClearStream****Booth Number(s): 153**

ClearStream offers a complete line of Process Equipment Solutions for Water and Wastewater Treatment designed for Municipal and Industrial applications. We provide solutions that meet our customer's expectations.

Represented by: The Maher Corp, See us in Booths 152-158, 181

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**Continental Carbon, Smith and Loveless****Booth Number(s): 456**

Continental Carbon Group is a solutions provider for a wide range of air and water treatment applications, including odor control, adsorption, filtration, disinfection and remediation. Our proven technologies have been installed in municipal, industrial and construction site settings across North America. Built to last, Smith & Loveless manufactures unique engineered solutions for water and wastewater pumping, WWTP headworks, and packaged treatment plants for municipal, industrial and federal government markets.

Contact: Alex Helmboldt, Email: ahelmboldt@r-r-inc.com; www.SmithdLoveless.com.  
Rep: Russell Resources

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**COPPOLA SERVICES****Booth Number(s): 188**

Coppola Services, Inc. is an installer of the Sekisui SPR pipelining technology.

Contact: Michael Coppola, 28 Executive Pkwy, Ringwood, NJ 07456-1430, Tel:(973) 962-1890;  
Email: mcoppola@coppolaservices.com;

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**Core & Main****Booth Number(s): 213**

Core & Main is a leading specialized distributor of water, wastewater, storm drainage and fire protection products, and related services, built on the foundation of more than 100 legacy companies. Operating approximately 320 branches nationwide, we combine local expertise with a national supply chain to provide contractors and municipalities innovative solutions for new construction and aging infrastructure. Core & Main's 4,500 associates are committed to helping their communities thrive with safe and sustainable infrastructure.

Contact: Ken Hayes, 1404 Stratford Rd SE, Decatur, AL 35601, Tel:(256) 642-6368;  
Email: ken.hayes@coreandmain.com; www.coreandmain.com

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**Core and Main Water & Wastewater Supply****Booth Number(s): 214**

Expanding Our Core. We want to be your one-stop shop for equipment and supplies. Our branches offer a wide variety of field products to our municipal and contractor customers. We have now added equipment and supplies used for your municipal plant and laboratory operations. With Water & Wastewater Supply, we can provide fast, convenient access to those products.

Contact: Charles Kayton, 12 Caroline Dr, Dix Hills, NY 11746, Tel:(631) 972-7659;  
Email: charles.kayton@coreandmain.com; www.supply.coreandmain.com

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**Corrosion Products New England****Booth Number(s): 106**

Contact: Ed Czeremcha, 110 Elmgrave Pk, Rochester, NY 14624, Tel:(413) 896-2822;  
Email: ed@corrosion-products.com;

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**Coyne Chemical Environmental Services****Booth Number(s): 116**

Chemical distributor for all your water and wastewater treatment requirements along with the technical expertise to perform on site evaluations for all products offered.

Contact: Kevin Brassard, 3015 State Rd, Croydon, PA 19021-6997, Tel:(215) 785-3000;  
Email: kbrassard@coynechemical.com; www.coyneenvironmental.com

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**Crane Pumps & Systems****Booth Number(s): 168**

A USA based manufacturer of innovative pump solutions for the effective and efficient transport of water and wastewater. We develop long-term customer relationships by providing exceptional service and responsiveness, which is enabled by our commitment to continuous improvement through the Crane Business System. Brands include: Barnes, Barnes Pressure Sewer, Deming, Weinman, Prosser, Crown, and Burks. Pumps range from small submersible sump pumps to large 12" discharge, 150 Hp chopper and solids handling pumps.

Contact: Tom Marshall, 420 Third St, Piqua, OH 45356, Tel:(937) 214-3854;  
Email: tmarshall@cranepumps.com; www.cranepumps.com

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**CSI Controls****Booth Number(s): 450**

CSI Controls® is a leading manufacturer of liquid level control products. We have been servicing the water and wastewater industries since 1993. CSI Controls® is a brand of SJE®. Our 52,000 sq. ft., UL-Listed manufacturing facility is headquartered in Ashland, Ohio.

Contact: Gregory Harmon, 220 Ohio St, Asland, OH 44805, Tel:(207) 998-8100;  
Email: greg.harmonco@gmail.com; www.csicontrols.com

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**CUES (Bronze Sponsor)****Booth Number(s): 109**

As the worlds leading manufacturer of water, wastewater, and stormwater inspection equipment, CUES provides the necessary tools for both pipeline inspection and repair. For 50+ years, CUES has manufactured the most rugged and reliable pipeline inspection equipment in the industry.

Contact: Richie Sheridan, 3600 Rio Vista Ave, Orlando, FL 32805, Tel:(407) 849-0190;  
Email: rsheridan@cuesinc.com; www.cuesinc.com

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**Danfoss****Booth Number(s): 465**

LCI: Since 1961, LCI Corporation has provided high quality drying systems worldwide based on our technical expertise and close working relationships with our customers.

Contact: Alex Helmboldt, Email: ahelmboldt@r-r-inc.com; www.SmithdLoveless.com.  
Rep: Russell Resources

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**DBS Manufacturing****Booth Number(s): 158**

DBS Manufacturing is a world leader in the production of heavy-duty clarifier and thickener drives for both municipal and industrial applications. These drives are also available as "Bolt In" direct replacements for Dorr Oliver, Eimco, Walker Process, Envirex, and other manufacturer's drives. In addition, DBS manufacturers Hyperbolic Mixers, Low Speed Surface Aerators, Rotary Distributors, and conventional flat blade mixers.

Represented by: The Maher Corp, See us in Booths 152-158, 181

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**De Nora Water Technologies, LL****Booth Number(s): 401-406**

DeNora Water Technologies is a leader in disinfection and filtration technologies.

Contact: Kate McFarland, Regional Sales Manager, tel:412-419-4341, kate.mcfarland@denora.com.  
Represented by: F.R. Mahony & Associates, See us in Booths 401 through 406.

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**Denali Water Solutions****Booth Number(s): 499**

Denali Water Solution provides a full line of services for Residuals and Biosolids to municipal and industrial companies nationwide for over 20 years. Our services include Beneficial Use, Composting, Dewatering, Equipment Rental & Emergency Service, Lagoon & digester Cleaning, Landfill Diversion, and Operations & Maintenance

Contact: Glen Knecht, 250-B Lucius Gordon Dr, Ste 8, West Henrietta, NY 14586, Tel:(518) 222-5452; Email: glen.knecht@denaliwater.com; www.denaliwater.com

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**Dewberry (Platinum Sponsor)****Booth Number(s): 212**

FAMILY OWNED. CLIENT CENTRIC. COMMUNITY DRIVEN. With a legacy of more than 60 years of excellence, we are a nationwide firm of planning, design, and construction professionals. We create responsible and innovative solutions for those who own, operate, and maintain natural and built environments. We value lasting relationships, achieving our clients' visions, and celebrating in their success.

Contact: Lou Mammolette, 99 Summer St, Ste 700, Boston, MA 02110, Tel:(978) 457-0307; Email: lmammolette@dewberry.com; www.dewberry.com

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**DN Tanks****Booth Number(s): 478**

Design, construction, and rehabilitation of precast, prestressed concrete tanks for water, wastewater, and thermal energy storage.

Contact: Kevin Desjardins, 11 Teal Rd, Wakefield, MA 01880, Tel:(978) 987-3500; Email: kevin.desjardins@dntanks.com; www.dntanks.com

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**Duke's Root Control****Booth Number(s): 420**

Dukes focus is to help our customers collection systems run efficient and cost effectively so they can provide citizens with the best service possible. In 1979, Dukes identified a need for root control and became trailblazers in the industry - perfecting chemical root control. Today, Dukes continues to build on its innovative culture with a range of technology solutions for F.O.G. and I/I that transition clients operations and maintenance programs from reactive to proactive.

Contact: Matt Grandinetti, 400 Airport Rd., Ste E, Elgin, IL 60123, Tel:(443) 821-9605; Email: matt@dukes.com; www.dukes.com

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**EBARA Pump Co - USA****Booth Number(s): 102, 104**

Mfg of SST, Custom and specialized pumps.  
Represented by Mechanical Solutions, Inc.

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**EJ****Booth Number(s): 492**

EJ is the global leader in the design, manufacture, and distribution of access solutions for the worlds growing infrastructure. From water and sewer, to drainage, telecommunication, and utility projects, EJ has the solution to fit your projects needs. The EJ legacy dates back to 1883 when our first manufacturing facility was built in East Jordan, Michigan, USA.

Contact: Brian Steitz, 1125 Pearl St, Brockton, MA 02301, Tel:(315) 708-7739; Email: brian.steitz@ejco.com; www.ejco.com

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**ELODE****Booth Number(s) E**

(Electro-Osmosis Dehydrator) is a non-thermal sludge dryer. Reduces sludge cake 67% in 3 minutes using electricity without heat, chemicals, or mechanical force. Easily retrofit into existing dewatering operations. Improve landfill acceptance and lower overall expenses.

Contact: Joe Park, 97 Oak St, Norwood, NJ 07648, Tel:(201) 568-7778, Email: jcp827@gmail.com, www.elodeusa.com

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**Engineered Concepts****Booth Number(s): 199**

Resident project representatives, Owners project managers, CA services, Construction Management, Inspection services for Environmental projects.

Contact: Keith Newman, 183 Providence New London Tpke, West Complex, North Stonington, CT 06359, Tel:(860) 234-0109; Email: Keithn@engineeredconceptsinc.com; www.engineeredconceptsinc.com

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**Envirogen Technologies, Inc.****Booth Number(s): 401-406**

Modular Biofilters, Biotrickling Filter and Biofilter Systems, Pre-Engineered Concrete Biofilter – Built-in-Place Solutions.

Contact: Rob Loken, 2627 Chestnut Ridge Road, Suite 200, Kingwood, TX 77339

Cell: 815-904-9001, Email: rloken@envirogen.com.

Represented by: F.R. Mahony & Associates

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**Environment One Corporation- A PCC Company****Booth Number(s): 401-406**

ALL-TERRAIN SEWER™ from E/One serves communities with failing septic tanks, deteriorating gravity infrastructures, and/or challenging topography. E/One's grinder pump driven, pressure sewer systems carry a proven track record of reliability with the lowest life-cycle cost in the industry.

Contact: Greg Wall, 2773 Balltown Rd, Niskayuna, NY 12309, Tel: 518-344-9802,

Email: gwall@eone.com. Represented by: F.R. Mahony & Associates

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**EOSi (Environmental Operating Solutions)****Booth Number(s): 443**

Based in Pocasset, Massachusetts, EOSi provides proprietary nonhazardous and environmentally sustainable liquid organic chemicals (MicroC<sup>®</sup>) and technical services for biological nutrient removal applications in wastewater systems. EOSi offers strong product quality, technical support, and service levels to plant operators at municipal and industrial wastewater treatment facilities of all sizes.

Contact: Ben Smith, 53 Portside Dr, Pocasset, MA 02559, Tel:(603) 361-0816;

Email: benjamin.smith@microc.com; www.microc.com

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**EST Associates (Platinum Sponsor)****Booth Number(s): 183**

EST Associates, Inc. (EST) is an environmental services company providing safe, reliable, and cost effective collection system services including: open channel flow monitoring, telemetry systems, water quality monitoring, manhole inspections, CCTV investigations, and related field services.

Contact: John Carlin, 124 Crescent Rd, Needham, MA 02494, Tel:(781) 455-0003;

Email: jcarlin@estassociates.com; www.estassociates.com

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**F.R. Mahony & Associates (Gold Sponsor)****Booth Number(s): 401-406**

We are a water and wastewater manufacturers' representative serving New England since 1964. Our staff of experienced engineers provides a wide range of knowledge and expertise with a focus on a system approach and customized solution for your applications. See us in booths 401 through 406.

Contact: Ed Quann, 273 Weymouth St, Rockland, MA 02370, Tel:(781) 982-9300;

Email: edquann@frmahony.com;

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**Fab-Tech Booth****Booth Number(s): 152**

Fab-Tech is the leading innovator in coated metal fume exhaust duct systems; offering PSP<sup>®</sup>, a revolutionary hybrid fluoropolymer coated stainless steel duct system recognized worldwide as the premier green solution for corrosive and hazardous fume exhaust needs. 100% recyclable to help reduce GHG Emissions for a Circular Economy.

Represented by: The Maher Corp, See us in Booths 152-158, 181

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**Flow Assessment Services (Platinum Sponsor)****Booth Number(s): 135, 136**

A professional services company that specializes in flow monitoring for I/I studies & CSO notification. Our Services also include all aspects of I/I study work including smoke testing, flow isolation, manhole investigation & building inspections.

Contact: Paul Casey, 72 Pricilla Lane, Auburn, NH 03032, Tel:(603) 656-9799;

Email: p2casey@flowassessment.com; www.flowassessment.com

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**Flow Tech****Booth Number(s): 171**

Flow Tech, Inc. proudly serves New England's water and wastewater markets. We are the local representative of ABB ACQ580 variable frequency drives. We offer VFD retrofits, factory start-up, service, training, preventative maintenance, harmonic mitigation, and we stock ABB VFDs, up to 200 HP, for water and wastewater applications.

Contact: Brian Robinson, 10 Bidwell Rd, South Windsor, CT 06074, Tel:(860) 221-0875;

Email: robinson@flowtechinc.com; www.FlowTechInc.com

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**Fluid Conservation Systems****Booth Number(s): 401-406**

Fluid Conservation Systems (FCS) is the North American industry leader in water network monitoring solutions, offering a complete set of equipment for virtually all Non-Revenue water and remote monitoring needs.

Contact: Britt Marchman, East Region Sales Manager, 1960 Old Gatesburg Road, Suite 150, State College, PA. cell: 770-713-1382, britt.marchman@fluidconservation.com.

Represented by: F.R. Mahony & Associates, See us in Booths 401 through 406.

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**Fournier****Booth Number(s): 464**

Fournier Industries is a manufacturer of high-performance and integrated solutions that understands biosolids dewatering. Over decades, Fournier has been refining its innovative solid-liquid separation technology, the Fournier Rotary Press, a reliable tool in transforming waste to value.

Contact: Alex Helmboldt, Email: ahelmboldt@r-r-inc.com; www.SmithdLoveless.com.

Rep: Russell Resources

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**Franklin Miller, Inc.****Booth Number(s): 401-406**

An innovative force in wastewater grinding for in-line, open channel, septic receiving, screening technology, and gravity systems.

Contact: Joe Macula, Regional Sales Manager, 60 Okner Parkway, Livingston NJ 07039,

Tel: 973-202-7290, Email: jmacula@franklinmiller.com. Represented by: F.R. Mahony & Associates, See us in Booths 401 through 406.

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**GA Fleet - Fleet Pump&Service****Booth Number(s): 147**

Fleet offers the finest pumps, controls, process and service. We represent the most respected names including Flygt, Sanitaire, Westech, Kaeser in wastewater and water treatment and provide quality engineered systems for the entire municipal market.

Contact: Serdar Umur, 6 International Dr, Rye Brook, NY 10573, Tel:(914) 548-6062;

Email: sumur@gafleet.com; www.gafleet.com

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**GEA Westfalia****Booth Number(s): 157**

GEA Westfalia centrifuges for dewatering and thickening. Featuring nearby New Jersey service center, on-site service from GEA certified technicians and extensive US spare parts inventory.

Represented by: The Maher Corp, See us in Booths 152-158, 181

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**GeoTree Solutions****Booth Number(s): 140**

GeoTree Solutions provides GeoSpray and GeoSpray HCE geopolymer mortar solutions for large diameter pipe and manhole rehabilitation. The geopolymer is sprayed on to create a corrosion resistant structurally independent pipe inside the old pipe. For pipe rehabilitation, geopolymer is a competitive alternative to CIPP with a smaller construction footprint and no styrene smell.

Contact: Scott Naiva, 707 Old Eagle School Rd, Wayne, PA 19087, Tel:(610) 971-0362;

Email: snaiva@cs-nri.com; www.cs-nri.com/brands/geotree-solutions

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**Green Mountain Pipeline Services (Silver Sponsor)****Booth Number(s): 442**

Green Mountain Pipeline Services has decades of combined experience in the infrastructure investigation, evaluation, and rehabilitation market. We put this experience to work every day where it counts most: in the field. GMPS provides collection system investigative services, pipeline cleaning, TV services, cured-in-place pipe lining, Manhole and structure rehabilitation and mainline, lateral and manhole grouting to stop infiltration.

Contact: Ray Bahr, 47R Mauro Dr, Durham, CT 06422, Tel:(860) 986-1072; Email: bahr08@gmail.com; www.greenmountainpipe.com

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**Guardian Energy Management Solutions****Booth Number(s): 210**

An energy management company that provides turn-key solutions and services for commercial, industrial and municipal building operators that wish to reduce their energy consumption through energy efficiency projects. Guardian focuses on non-residential buildings that are typically in excess of 20,000 sq.ft. in gross building size..

Contact: Domenic Armano, 420 Northboro Rd Central, Marlborough, MA 01752, Tel:(508) 597-1333; Email: darmano@guardian-energy.com; www.guardian-energy.com

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**Gustavo Preston Company****Booth Number(s): 101**

Gustavo Preston Company is the leading provider of pumping system design, service and repair in New England. We represent leading manufacturers of domestic water boosters, wastewater pumps, water purification systems, fire pumps and water reuse systems. In addition, we offer service and repair for all the systems we represent as well as preventative maintenance programs to ensure efficient and long lasting life.

Contact: Ed Nickerson, 23 Industrial Ave, Chelmsford, MA 01824, Tel:(978) 250-3333;  
Email: enickerson@gustavopreston.com; www.gustavopreston.com

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**Hach Company****Booth Number(s): 193**

We make water analysis better, faster, simpler, greener and more informative via unsurpassed customer partnerships, the most knowledgeable experts, and reliable, easy-to-use products

Contact: Trina Picardi, 5600 Lindberg Dr, Loveland, CO 80538, Tel:(617) 448-7204;  
Email: trina.picardi@hach.com; www.hach.com

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**Hayes Group - Hayes Pump - Walker Wellington - Atlantic Pump & Engineering (Platinum Sponsor)****Booth Number(s): 470, 471, 472**

Founded in 1898, Hayes Pump, Inc. is proud to announce the formation of the Hayes Group Companies dedicated to serving the municipal water and wastewater markets. Following completion of our most recent acquisition in 2021, the Hayes Group is comprised of three divisions - Hayes Pump, Inc. - Walker Wellington - Atlantic Pump & Engineering. Through the manufacturers represented by these entities: Pumps; Process Equipment; Controls; OEM Aftermarket; Parts; Custom Systems; Onsite Field Service; In-House Repair; Engineering Support; Lease Financing.

Contact: Craig Huff, 66 Old Powder Mill Rd, West Concord, MA 01742, Tel:(978) 369-8800;  
Email: chuff@hayespump.com; www.hayespump.com

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**Hazen and Sawyer (Gold Sponsor)****Booth Number(s): 139**

All things Water. Hazen and Sawyer develops practical solutions to water quantity and quality challenges around the globe. Backed by one of the industry's most comprehensive and advanced applied research portfolios, our engineering and scientific teams work exclusively with water. If you're trusted to protect public health or the environment, we can help.

Contact: Sherri Marin, 50 Milk St, Ste 501, Boston, MA 02109, Tel:(617) 574-4747;  
Email: smarin@hazenandsawyer.com;

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**Heartland Water Technology****Booth Number(s): 113**

Heartland Water Technology is a technology-enabled holistic solutions company that reduces, separates, and converts challenging wastes. The HelioStorm™ ultra-high temperature ionic gasifier offers a distributed solution for complete breakdown of a variety of feedstocks, generating clean hydrogen and converting carbon for beneficial reuse.

Contact: Kelly Murray, 43 Broad St, Hudson, MA 01749, Email: kmurray@heartlandtech.com;  
www.heartlandtech.com

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**High Tide Technologies****Booth Number(s): 401-406**

High Tide Technologies is an end-to-end cloud-based SCADA company using Cellular, Satellite, and Ethernet Communication that enables you to monitor & control your Water & Wastewater system from anywhere without spending a fortune.

Contact : Erin Pigza, Regional Sales Manager, 724-732-4455, Email: erin.pigza@htt.io.  
Represented by: F.R. Mahony & Associates, See us in Booths 401 through 406.

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**Hobas Pipe USA (Silver Sponsor)****Booth Number(s): 142**

Hobas Pipe USA is a leading North American producer of corrosion-resistant Fiberglass (FRP) Products, for pressure and gravity applications, serving the water, wastewater and power industries. Pipe sizes ranging from 12 to 126 inches in diameter with working pressures up to 450 psi. Hobas manufacturing capabilities include fully structural non-circular pipe and vertical structures (manholes) including fittings, standard and custom design, such as lateral tees, reducers and bifurcations.

Contact: Bijan Khamanian, 1413 E Richey Rd, Houston, TX 77073, Tel:(949) 795-5800;  
Email: bkhamanian@hobaspipe.com; www.hobaspipe.com

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**Holland Company****Booth Number(s): 500**

Manufacturer of high quality aluminum based inorganic coagulants and Sodium Bisulfite for phosphorus removal and water purification and dechlorination. Holland offers on-site technical support to assist with treatment needs.

Contact: Mike Holland, 153 Howland Ave, Adams, MA 01220-1199, Tel:(413) 743-1292;  
Email: mike.holland@hollandcompany.com; www.hollandcompany.com

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**HOMA Pump****Booth Number(s): 102, 104**

Homa Pump located in Ansonia, CT manufacturers submersible and dry pit submersible sewage pumping systems. Great Efficiencies, Fantastic pricing, Quick Deliveries and we can retrofit your existing pump station.

Represented by Mechanical Solutions, Inc.

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**Hydro-Action****Booth Number(s): 417**

Hydro-Action is a manufacturer of advanced onsite wastewater treatment systems with over 30 years of industry experience and thousands of systems installed both domestically and internationally. We are certified to the NSF Standard 40 & NSF Stanard 245 for Nitrogen Reduction.

Contact: Pete Sabo, PO Box 640, Plymouth, IN 46563, Tel:(574) 276-9681;  
Email: pete@hydro-action.com; www.hydro-action.com

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**Hydro-Dyne Engineering****Booth Number(s): 401-406**

USA based manufacturer of water and wastewater screening equipment;

Contact: Jason Deal, Regional Sales Manager; 4750 118th Avenue North, Clearwater, FL 33762,  
Tel: 813-818-0777, fax: 813-818-0770, Email: jasondeal@hydro-dyne.com.

Represented by: F.R. Mahony & Associates, See us in Booths 401 through 406.

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**Hydromatic Pump Pentair Corp****Booth Number(s): 102, 104**

USA mfg of sump pumps, along with Grinders, Choppers, Self-primer and recessed vortex non clog submersible pumps.

Represented by Mechanical Solutions, Inc.

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**IDEXX Laboratories****Booth Number(s): 204**

Contact: Diane Griffin, One IDEXX Dr, Westbrook, ME 04092, Tel:(800) 321-0207;  
Email: diane-griffin@idexx.com; www.idexx.com/water

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**Industrial Flow Solutions****Booth Number(s): 178**

Industrial Flow Solutions™ (IFS) headquartered in New Haven, Connecticut, USA specializes in the design, manufacturing, sales, & service of wastewater pumps and controls including OverWatch® Direct In-Line Pump Systems, BJM Pumps®, Dreno Pompe, Stancor®, Oil Minder® and DERAGGER® products ideal for the municipal, industrial, commercial, and residential applications.

Contact: Rebecca Turner, 104 John W Murphy Dr, New Haven, CT 06513, Tel:(203) 492-9956;  
Email: marketing@flowsolutions.com; www.flowsolutions.com

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**Inovair, Amiad Water Systems****Booth Number(s): 454**

Inovair: U.S. Manufacturer of high-efficiency, integrally-gearred turbo blowers and systems focused on smaller plants (<10MGD). Amiad Water Systems is a world leader in water treatment and filtration solutions. For over 60 years Amiad has devoted its passion and commitment to developing a comprehensive line of water filtration systems for applications in the municipal and industrial markets.

Contact: Alex Helmboldt, Email: ahelmboldt@r-r-inc.com; www.SmithdLoveless.com.  
Rep: Russell Resources

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**J&R Sales and Service****Booth Number(s): 111**

J&R Sales and Service, Inc. (J&R) is a manufacturers representative for two onsite wastewater treatment technologies. J&R represents BioMicrobics and GEOFLOW throughout New England in sales, installation support, and warranty issues. Providing onsite wastewater treatment solutions for over 20 years, we focus on promotion of the manufacturers technologies to design engineers, installers, and end users.

Contact: Lauren Usilton, 44 Commercial St, Ste 8, Raynham, MA 02767, Tel:(508) 823-9566;  
Email: laurenu@jrsalesinc.com; www.jrsalesinc.com

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**JDC****Booth Number(s): 114**

With 50 years in the service, parts, and rental business, JDC has expanded to provide sewer, industrial, underground, and electric utility solutions to municipalities and customers from coast to coast in the United States and Canada.

Contact: Ed Walsh, 15 Taylor Rd, Wharton, NJ 07885, Tel:(862) 777-5630;  
Email: EdWalsh@teamjdc.com; www.teamjdc.com

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**JWB - Electroscan/Nivelco/Autrol America****Booth Number(s): 432**

A simple Electro Scan fact pipe defects that leak water also leak electricity. Our technology can detect leaks whether or not water leaks are occurring at the time; not possible with any other currently available evaluation method. Using Electro Scan, one can determine accurate location, measurement, and flow of potential defects within a pipe.

Nivelco, USA, is an industry leader in non contact and contact level monitoring instrumentation. Technologies include ultrasonic, radar, and guide wave radar. Industry proven products include EchoTrek, MicroTrek, PiloTrek, EasyTrek and MultiCont. All Nivelco products carry a 5 year factory warranty! The best in the industry!

Autrol America brings an impressive line of very competitive smart process transmitters for differential pressure, flow, pressure and temperature. Hart programmable and/or complete configurable with built in pushbutton programming.

100:1 turndown.

Contact: James Birkenberger, 65 August Ave, Wolcott, CT 06716, Tel:(203) 879-6959;  
Email: jwbcompany@aol.com; www.jwbcompany.net

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**JWB - Pribussin/Motor Protection Electronics (MPE)/ Sewer Watch-Eastech****Booth Number(s): 431**

Pribussin offers unique and unsurpassable telemetry products for the water and wastewater industry. Non licensed/licensed wireless, cellular, dial up and FSK telemetry systems so simple, that programming is not required.

Motor Protection Electronics, Inc. manufactures pump monitors, phase monitors, voltage monitors, duplex alternators, intrinsically safe relays and industrial/municipal pump controllers for wastewater, water and, control panel builders.

Sewerwatch transforms the ability to manage constantly evolving collection network assets with videocentric mobile-first architecture.

Contact: James Birkenberger, 65 August Ave, Wolcott, CT 06716, Tel:(203) 879-6959;  
Email: jamie@jwbcompany.net; www.jwbcompany.net

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**JWB Company- McCrometer- Open Channel Flow Products and Services/ Raco Manufacturing & Engineering Co.****Booth Number(s): 430**

McCrometer-Open Channel Flow Products and Services offers collection systems flowmeters & equipment. Both permanent & portable open channel flowmeters. Radar, Ultrasonic, Area-Velocity, & Rain Gauges. They also offer a complete collection & monitoring system, including wireless and internet based solutions.

RACO offers a complete line of systems for remote site monitoring that include phone line, Ethernet/OPC, cellular/wireless and internet based. RACO provides high-quality, reliable remote communications systems, annunciators, and RTU's.

Contact: James Birkenberger, 65 August Ave, Wolcott, CT 06716, Tel:(203) 879-6959;  
Email: jamie@jwbcompany.net; www.jwbcompany.net

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**JWB Company- Toshiba Magnetic Flowmeters/ Halogen Systems** **Booth Number(s): 433**

Toshiba offers electromagnetic flowmeters and microwave density (consistency) analyzers. All Toshiba flow meters are backed by a 10-year warranty. Halogen Systems- Simplify the monitoring process of ensuring your company complies with regulations before effluent waters get discharged into lakes, rivers, or the ocean. The Halogen Chlorine Analyzer improves control and accuracy with less maintenance- saving manhours, improving processes, and reducing costs for plants.

Contact: James Birkenberger, 65 August Ave, Wolcott, CT 06716, Tel:(203) 879-6959;  
Email: jwbcompany@aol.com; www.jwbcompany.net

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**Kasco Marine****Booth Number(s): 172**

Kasco is a world-leading manufacturer of the CertiSafe NSF61 Active mixer for potable water tanks and HydraForce Lift Station Agitator for breaking up FOG. Based in Prescott, WI, Kasco Marine is a family-owned manufacturer with more than 60,000 sq. ft. of office, engineering, manufacturing and warehouse space.

Contact: Bethany Thompson, 800 Deere Rd, Prescott, WI 54021, Tel:(715) 262-2864;  
Email: Bethany.t@kascomarine.com; www.kascomarine.com

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**Kiewit****Booth Number(s): 194**

Kiewit is one of North America's largest and most respected construction and engineering organizations. With its roots dating back to 1884, the employee-owned company operates through a network of offices and subsidiaries in the United States, Canada, and Mexico. Kiewit has over 70 years of experience in the water market, and has completed over 1,500 water and wastewater projects.

Contact: Steven Greseth, 8900 Renner Blvd, Lenexa, KS 66219, Tel:(502) 759-3695;  
Email: steven.greseth@kiewit.com; www.kiewit.com/markets/water

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**Kleinfelder (Silver Sponsor)****Booth Number(s): 148**

We are engineers, scientists and construction professionals providing planning, design and construction solutions that improve our clients' water infrastructure.

Contact: Jill Rossini, One Beacon St, Ste 8100, Boston, MA 02108-3129,  
Email: jrossini@kleinfelder.com; www.kleinfelder.com

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**Lakeside****Booth Number(s): 181**

Serving New England with more than 110 RAPTOR Screens, 40 Oxidation Ditches, 60 Spiraflo Clarifiers, 25 Grit Removal installations, and 20 Screw Pump installations.

Represented by: The Maher Corp, See us in Booths 152-158, 181

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**LandTech Consultants****Booth Number(s): 137**

Using 3D laser scanning, 3D modeling, reality capture and digital twin technologies, our team delivers the most cost-effective and accurate solutions. By capturing precise existing conditions and identifying infrastructure conflicts prior to construction, we minimize facility downtime. We are experts at creating and integrating digital twins to reduce operating and maintenance costs, improve efficiency, and optimize staffing.

Contact: Christopher Lorrain, 515 Groton Rd, Westford, MA 01886, Tel:(978) 692-6100;  
Email: clorrain@landtechinc.com; www.landtechinc.com

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**Lane Enterprises, Inc.****Booth Number(s): 146**

Lane Enterprises is a nationally recognized leader in the manufacture and distribution of Under Ground Stormwater Management Systems & Drainage Products. Producing 4i-60i HDPE Pipe, 12i-60i Polypropylene Pipe, 6i-144i CMP and Pipe Arch, StormKeeper Infiltration Chambers as well as Steel & Aluminum Structural Plate - Buried Bridge Structures.

Contact: Geordon Evans, 825 Rt. 67, Ballston Spa, NY 12020, Email: gevens@lane-enterprises.com; www.lane-enterprises.com

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**Lone Star Blower****Booth Number(s): 401-406**

Your ONE Solution - Blowers • Compressors • Controls • Service • Parts • Rentals.

Contact: Alex Lequio, 8883 West Monroe, Houston, TX 77061, tel: 832-532-3112, cell: 832-982-8818, alequio@lonestarblower.com. Represented by: F.R. Mahony & Associates, See us in Booths 401 through 406.

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**MA SELMON Company****Booth Number(s): 195**

Representing Foxboro, Flexim, Schneider Electric, Perma-Cal Gauge, Sage Gas Flow, Level, Wireless, Pressure, Level, Flow, Temp, Wireless, PH, Conductivity

Contact: Brad Selmom, 4 Oxford Rd, Ste D9, Milford, CT 06460, Tel:(203) 377-3525;  
Email: Brad@maselmon.com; www.maselmon.com

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**Maltz Sales Company****Booth Number(s): 160**

Maltz Sales Company, the leader in fluid handling for the municipal market in New England. Utilizing our industry leading product offerings we offer solutions for applications such as wet and dry pit submersible pumps, transfer pumps, plant water booster systems, chemical feed pumps, chemical storage tanks and mixers.

Contact: Janice Markey, 67 Green St, Ste A, Foxboro, MA 02035, Tel:(508) 203-2400;  
Email: sales@maltzsales.com; www.maltzsales.com

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**Mass Tank Inspection & Services****Booth Number(s): 110**

Mass Tank Inspection & Services is at the forefront of developing and implementing top tier tank and pipe inspection methods. We are a Service Disabled Veteran Owned Small Business focused on providing our clients with the best possible service and experience when getting their tanks inspected or cleaned. Apart from inspection, we have the capabilities to refurbish or decommission tanks when necessary.

Contact: Sam Horstmann, 29 Abbey Lane, Middleboro, MA 02346, Tel:(508) 335-2294;  
Email: sam@masstank.com; www.masstank.com

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**Mechanical Solutions****Booth Number(s): 102, 104**

MSI is a manufacturers' representative for heavy duty, high efficiency, reliable pumps, mixers & chemical feed and treatment systems for New England. Introducing the DeRagger, an anti ragging device that thru early detection prevents pump clogs! We have Mixing systems, mechanical or inline static. Chemical Feed systems for water / wastewater facilities. Our Service group with their 5 trucks, provides all our mechanical start ups, mfg's warranties and in field rebuilds.

Contact: Gary MacDonald, 130 Utopia Rd Unit 6, Attn: Gary MacDonald, Manchester, CT 06045,  
Tel:(860) 918-2541; Email: gmacdonald@msipump.com; www.msipump.com

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**Metro Valve & Actuation Corp****Booth Number(s): 112**

Manufacturer's Representative of Valves and Actuators; GA Industries; Emerson/EIM.

Contact: Emily McDonald, 26 Jericho Tpke, Ste 2, New Hyde Park, NY 11040, Tel:(212) 693-0135;  
Email: emilym@metrovalve.com; www.metrovalve.com

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**MGD Process Technology, Inc.****Booth Number(s): 401-406**

Wastewater Treatment Equipment and Engineering Manufacturers of Turborator® Self Aspirating Aerator/Mixer for municipal and industrial applications including sludge mixing and digestion and process mixing and aeration.

Contact: Matthew Dickson, PO Box 654, Boylston, MA 01505, tel: 508-869-2164, Matt.Dickson@MGDProcess.com. Represented by: F.R. Mahony & Associates, See us in Booths 401 through 406.

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**Minicam****Booth Number(s): 191**

Minicam specializes in the manufacture and distribution of Pipeline Inspection Systems including Proteus Tractors, SOLO PRO+ Push Cameras and Reporting Software.

Contact: Richard Allen, PO Box 703443, Plymouth, MI 48170-0998, Tel:(248) 767 0559;  
Email: richard.allen@minicaminc.com;

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**MicroC® 2000****Booth Number(s): 443**

The MicroC 2000® series glycerin-based products are the most cost-effective non-hazardous carbon sources on the market. MicroC® 2000 series products are widely used in denitrification, Enhanced Biological Phosphorus Removal (EBPR), and Biochemical Oxygen Demand (BOD) addition applications.

Represented by: EOSi (Environmental Operating Solutions)

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**Monarch Instrument****Booth Number(s): 216**

Monarch Instrument's full line of Track-It® Data Loggers monitor, measures and records temperature, pressure/temperature (gauge and absolute), vacuum/temp, RFID, humidity, barometric pressure, voltage, current, and more! Track-It Data Loggers are battery-powered, industrial-grade devices.

Contact: John Earnshaw, 15 Columbia Dr, Amherst, NH 03031, Tel:(603) 883-3390;  
Email: jearnshaw@monarchinstrument.com; www.monarchinstrument.com

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**National Water Main Cleaning Co****Booth Number(s): 107, 108**

Contact: Dennis Sullivan, 25 Marshall St, Canton, MA 02021, Tel:(781) 828-0863;  
Email: dennis@nwmcc-bos.com; www.nwmcc-bos.com

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**NECI (formerly POND Technical)****Booth Number(s): 434**

NECI (through our POND Technical Division) has been providing water and waste water treatment solutions in New England since 1962, with world class instrumentation from Rosemount, Rosemount Analytical, Rosemount Flame & Gas Detection, Micro Motion, Ashcroft, Dynasonics, Fox Thermal, MTL, Eurotherm Chessell, Precision Digital, Emerson Machinery Health, Keystone, and Vanessa.

Contact: Bob Osnoe, 325 Foxborough Blvd, Foxborough, MA 02035, Tel:(860) 316-2570;  
Email: rosnoe@neci.com; www.neci.com

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**NeoMatrix, Inc.****Booth Number(s): D**

NeoMatrix excels in water and wastewater treatment automation, specializing in process optimization. We gather and integrate data, enabling effective visualization, analysis, and improvement of treatment operations.

Contact: JT Hartt, 40 Shattuck Rd, Suite 204, Andover, MA 01810, Tel: (978) 662-3077,  
Email: jhartt@neomatrixinc.com, www.neomatrixinc.com

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**New England Environmental Equipment****Booth Number(s): 438, 439, 440, 441, 446, 447, 448, 449**

NE3 has been serving clients throughout New England since 1993. Penn Valley Pumps handle Primary, Secondary, Dewatering Feed & Truck Fill; Isco: portable and refrigerated samplers and flow meters; Red Valve Company: pinch valves, knife gate valves; TideFlex: Checkvalves, course bubble aeration, tank mixing; RedZoneRobotics: inspects lines using multi-sensor robots providing visual inspection; YSI:process monitoring systems; ClaroGlobal: headworks, washer compactors; NuvonicUV: in-line; UV systems for Wastewater and potable water; Iovibond: turbidity meters; MJK: magmeters; Cornell Pump; SmartCover: Manhole Monitoring

Contact: Robert Mack, One DeAngelo Dr, Bedford, MA 01730, Tel:(781) 275-1001;  
Email: bob@ne3inc.com; www.ne3inc.com

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**Newterra****Booth Number(s): 217**

Newterra designs, engineers, manufactures, and services environmental, water and wastewater treatment solutions that assure great performance, superb reliability, and the highest value to renew precious ecosystems. Newterra offers a broad portfolio of reliable, trouble-free technologies and outsourcing support for global municipal and industrial customers across diverse applications, including drinking water, industrial process water, wastewater, stormwater and remediation.

Contact: Brad Gaffney, 1291 California Ave, PO Box 1517, Brockville, ON K6V 5Y6 Canada,  
Tel:(613) 803-5875; Email: BGaffney@newterra.com; www.newterra.com

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**Nitrack****Booth Number(s): 443**

EOSi's Nitrack® control system is the wastewater treatment industry's first PC-based controller for biological nutrient removal applications, enabling plant operators to continuously monitor and optimize their unique treatment processes.

Represented by: EOSi (Environmental Operating Solutions)

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**Oakson****Booth Number(s): 484**

The Perc-Rite® Drip Dispersal system is a non-invasive, flexible, and environmentally sensitive means of wastewater disposal, providing equal distribution across hundreds of application points throughout the dispersal field. Oakson is the sole New England distributor, providing design, installation, and operational assistance to the region since 2005. There is a wide variety of municipal and large commercial applications represented in New England ranging from 10,000 gpd to 320,000 gpd.

Contact: Rob Sarmanian, 6 Sargent St, Gloucester, MA 01930-2719, Tel:(978) 282-1322;  
Email: rob@oakson.com; www.oakson.com

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**Omya****Booth Number(s): 198**

Looking for an alternative to caustic soda, magnesium hydroxide or lime? Omya manufactures calcium carbonate products for the water and wastewater treatment markets. Omya Optical and Omya Neutrasorb are safe and effective alternatives for pH neutralization and alkalinity supplementation.

Contact: Joe McDaniel, 9987 Carver Rd, Ste 300, Cincinnati, OH 45242, Tel:(330) 802-3818;  
Email: joe.mcdaniel@omya.com; www.omya.com

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**Orenco Systems****Booth Number(s): 451**

Orenco Systems® designs and manufactures leading-edge equipment for onsite and decentralized wastewater systems. Products include watertight tanks, pumping and filtration systems, Prelos SewerTM (community collection system), AdvanTex® Treatment Systems, both standard and custom controls, and fiberglass buildings.

Contact: Bill Snyder, 814 Airway Ave, Sutherlin, OR 97479, Tel:(518) 469-5462;  
Email: wsnyder@orencocom; www.orencocom

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**Pace Analytical Services****Booth Number(s): 169**

Our full-service environmental testing laboratories offer inorganic, organic and radiochemistry capabilities. We are a national network with a local presence, offering reliable results when you need them. We view our clients as partners because we know we're working together to help our planet, our people and your business thrive.

Contact: Derek Lonczak, 39 Spruce St, East Longmeadow, MA 01028, Tel:(413) 219-8692;  
Email: derek.lonczak@pacelabs.com; www.pacelabs.com

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**Patterson Pump Co****Booth Number(s): 102, 104**

Around the globe, wherever liquid moves, in large volume or high pressure, you will find Patterson heavy-duty pump systems. The world looks to Patterson to enhance safety and comfort in HVAC and fire suppression technology, exceeding pumping demands in water supply, irrigation, flood prevention, and wastewater treatment, make industrial solutions into liquid transfers, and fulfill their needs to each of our clients.

Represented by Mechanical Solutions, Inc.

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**Pennoni****Booth Number(s): 205**

As a multidisciplinary consulting engineering firm founded more than five decades ago, Pennoni approaches engineering challenges from a wider spectrum of angles than most, from land development to energy management. Our combination of talent and experience delivers results for diverse and iconic projects around the globe. To learn more, visit [www.pennoni.com](http://www.pennoni.com).

Contact: Todd Hay, 1085 Raymond Blvd, Ste 2102, Newark, NJ 07102, Tel:(862) 214-4966;  
Email: [thay@pennoni.com](mailto:thay@pennoni.com); [www.pennoni.com](http://www.pennoni.com)

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**Polydyne****Booth Number(s): 409**

SNF POLYDYNE is a wholly owned subsidiary of SNF HOLDING COMPANY, and is responsible for the direct marketing of products, equipment, applications expertise, and related services to the municipal potable water and wastewater markets in the United States. POLYDYNE is the market leader in supplying water-soluble polymers for the most demanding municipal solids-liquids separation processes.

Contact: Alex Krantz, 1 Chemical Plant Rd, Riceboro, GA 31323, Tel:(856) 745-1936;  
Email: [akrantz@polydyneinc.com](mailto:akrantz@polydyneinc.com); [www.snf.com](http://www.snf.com)

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**Precision Trenchless, LLC****Booth Number(s): C**

A No-Dig alternative to pipe and manhole repair. Utilizing the OBIC Polyurea manhole lining system, we can eliminate I&I from infiltrating your sewer system which not only saves you costly future repairs, but MONEY at the treatment plant. This comes with a 10 Year Warranty with the application date stamped right inside the manhole. Our Cured-In-Place-Pipe (CIPP) liners use a UV Light Curing System that is not only safer than conventional thermal methods (no off-gassing) but can be installed 52 weeks a year in tough locations.

Contact: Mike Ralbovsky, 1710 Erie Boulevard, Schenectady, NY 12308, Tel:(518) 429-1164;  
Email: [miker@pim-inc.com](mailto:miker@pim-inc.com), [www.precisiontrenchless.com](http://www.precisiontrenchless.com)

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**Primex Controls****Booth Number(s): 494**

With nearly a century of expertise, Primex is a recognized leader and the largest provider of completed control solutions for water applications in North America, offering a broad end-to-end suite of products and services. Our state-of-the-art solutions provide our customers with high operational efficiency, reliability, and optimal performance.

Contact: Gregory Harmon, 22650 County Hwy 6, Detroit Lakes, MN 56501, Tel:(207) 998-8100;  
Email: [greg.harmonco@gmail.com](mailto:greg.harmonco@gmail.com); [www.primexcontrols.com](http://www.primexcontrols.com)

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**Pump Systems Incorporated****Booth Number(s): 486**

Contact: John Benham, PO Box 269, 217 South Main St, Franklin, NH 03235, Tel:(603) 934-7100;  
Email: jbenham@pumpsystemsinc.com;

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**PureAir Filtration****Booth Number(s): 401-406**

Your World Leader in the Removal of Gases, Odors, and Vapors.

Contact: Rick LeShane, Eastern Territory Sales Manager, 6050 Peachtree Parkway,  
Suite 240-187, Norcross, GA, USA 30092, tel 678-935-1431 x 229 cell: 678-858-4342,  
Email: rleshane@pureairfiltration.com. Represented by: F.R. Mahony & Associates,  
See us in Booths 401 through 406.

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**PW Tech, Floodbreak****Booth Number(s): 462**

PW Tech is the manufacturer and supplier of one of the fastest growing sludge processing technologies- the Volute™ press for sludge dewatering and thickening. FloodBreak® passive flood barriers permanently protect people & property 24/7. With no reliance on people, power, springs, or mechanical assistance to lift the gate, failure points are eliminated.

Contact: Alex Helmboldt, Email: ahelmboldt@r-r-inc.com; www.SmithdLoveless.com.  
Rep: Russell Resources

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**Rain for Rent****Booth Number(s): 201**

Rain for Rent is a leading provider of temporary liquid handling solutions including pumps, tanks, filtration and spill containment. Projects range from flood relief to construction site dewatering, sewer bypasses and industrial plant turnarounds. The company is known for its systems engineering expertise and its ability to tackle complex jobs cost effectively, providing an exceptionally high value.

Contact: Justin Zalegowski, 28 Trolley Crossing, Charlton, MA 01507, Tel:(508) 248-4607;  
Email: jzalegowski@rainforrent.com; www.rainforrent.com

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**RCAP Solutions****Booth Number(s): 170**

RCAP Solutions is a non-profit organization that works with rural communities and their drinking water/wastewater systems to promote public, environmental, and economic health. We oversee a number of environment-focused technical assistance and training programs. Through these efforts we build capacity to ensure rural communities have access to safe drinking water, reliable wastewater, solid waste solutions, and more.

Contact: Adam Drozd, 191 May St, Worcester, MA 01602, Tel:(800) 488-1969;  
Email: info@rcapsolutions.org; www.rcapsolutions.org

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**REA Resource Recovery Systems****Booth Number(s): 207**

Our holistic approach to managing FOG is unprecedented. From our proprietary Grease Recovery Units to our FOG-To-Biodiesel system, we have developed a comprehensive solution for municipalities and wastewater treatment plant operators that addresses FOG management in an effective and profitable manner. Our system scales to fit the needs of any wastewater treatment plant.

Contact: Alfonso Barbarotta, 36 River St, Ste R, New Haven, CT 06513, Tel:(203) 590-3838;  
Email: al@rea-systems.com; www.rea-systems.com

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**Resource Management****Booth Number(s): 177**

Resource Management, Inc. (RMI) is committed to the land, our environment, and the people we serve. We provide responsive, innovative, and high quality organic residuals and recycling services to address our customers interests and needs.

Contact: 1171 NH Rte 175, Holderness, NH 03245, Tel:(603) 536-8900; Email: rmi@rmirecycles.com;  
www.rmirecycles.com

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**RI Analytical Laboratories****Booth Number(s): 149**

R.I. Analytical Laboratories is an environmental testing laboratory specializing in the analysis of potable water, wastewater, soil, air, and bulk materials since 1976. Our environmental laboratories hold certifications in chemistry and microbiology from the states of Rhode Island, Massachusetts, and Connecticut.

Contact: Paul Perrotti Jr., 41 Illinois Ave, Warwick, RI 02888, Tel:(401) 737-8500;  
Email: pm@rianalytical.com; www.rianalytical.com

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**Roto Pumps****Booth Number(s): 463**

Roto Pumps, a global manufacturer since 1968 of robust progressive cavity pumps used in sludge, polymer, chemical dosing and dewatered cake applications. Roto pumps can also provide aftermarket parts at extremely competitive prices for PC brands such as Moyno, Seepex and Netzsch. Contact: Alex Helmboldt, Email: [ahelmboldt@r-r-inc.com](mailto:ahelmboldt@r-r-inc.com); [www.SmithdLoveless.com](http://www.SmithdLoveless.com). Rep: Russell Resources

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**Russell Resources****Booth Number(s): 454-456, 462-465**

Contact: Jim Russell, PO Box 3276, Brewer, ME 04412, Tel:(207) 989-0591; Email: [jrussell@r-r-inc.com](mailto:jrussell@r-r-inc.com); [www.r-r-inc.com](http://www.r-r-inc.com)

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**Sanitaire/Xylem****Booth Number(s): 157**

Biological Process Solutions, Activated sludge filter (Taron®), SBR Technology (ICEAS), Oxidation Ditch (BioLoop), Optimized Aeration/Mixing Solutions (CASPERON), Aerobic Digester Solutions (VORELODOS), Process Controls (OSCAR), and Fine Bubble and Coarse Bubble Aeration Systems. Represented by: The Maher Corp, See us in Booths 152-158, 181

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**Sanitary Equipment Company****Booth Number(s): 184, 185**

Environmental, Refuse and Municipal Equipment.

Contact: Scott Black, PO Box 26006, 25 Industry Dr, West Haven, CT 06516, Tel:(203) 927-9070; Email: [scott@sanitaryequipment.com](mailto:scott@sanitaryequipment.com); [www.sanitaryequipment.com](http://www.sanitaryequipment.com)

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**Savy & Sons****Booth Number(s): 414**

Full-service no dig pipe lining contractor, which also excels in Waterproofing Solutions, Water & Wastewater Rehabilitation, Coatings & Linings, Infrastructure Restoration, and Media Blasting.

Contact: Travis Savy, 612 Church St, Amston, CT 06231, Tel:(860) 500-6929; Email: [office@savyandsons.com](mailto:office@savyandsons.com); [www.savyandsons.com](http://www.savyandsons.com)

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**Scavin Equipment Company****Booth Number(s): 138**

Dealer for sewer cleaning machines, pipe cleaning equipment, manhole tools, video and acoustic sewer pipe inspection equipment, wireless intercom headsets for high noise environments.

Contact: Jon Gotchis, 1 Cedar Grove Rd, Southington, CT 06489, Tel:(860) 944-8340; Email: [jgotchis@scavinequip.com](mailto:jgotchis@scavinequip.com); [www.scavinequipment.com](http://www.scavinequipment.com)

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**Schneider Electric****Booth Number(s): 209**

Schneider's purpose is to empower all to make the most of our energy and resources, bridging progress and sustainability for all. We call this Life Is On. Our mission is to be your digital partner for Sustainability and Efficiency. We drive digital transformation by integrating world-leading process and energy technologies, end-point to cloud connecting products, controls, software and services.

Contact: Tracey Aronson, R&D Center, 800 Federal St, Andover, MA 01810, Tel:(978) 289-3215; Email: [tracey.aronson@se.com](mailto:tracey.aronson@se.com); [www.se.com](http://www.se.com)

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**Sealing Systems****Booth Number(s): 144**

Sealing Systems Inc. is the manufacturer of innovative solutions to prevent erosion and infiltration in manholes and catch basins.

Contact: Paul Wright, 9350 County Rd 19, Loretto, MN 55357, Tel:(763) 478-2057; Email: [paulw@ssisealingsystems.com](mailto:paulw@ssisealingsystems.com); [www.ssisealingsystems.com](http://www.ssisealingsystems.com)

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**Shelter Works****Booth Number(s): 401-406**

At Shelter Works, we strive to be the premier manufacturer of the finest, strongest, and most innovative custom fiberglass shelters - protecting the nation's industries and infrastructure.

Contact: John Swanson, Channel Sales Manager, 2616 S. 3rd Street, St. Louis, MO 63118-1918, Tel. 314-720-1706, Email: [jswanson@shelterworks.com](mailto:jswanson@shelterworks.com). Represented by: F.R. Mahony & Associates, See us in Booths 401 through 406.

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**Sherwin-Williams Protective & Marine****Booth Number(s): 416**

Our collective efforts help operators manage, treat and distribute water safely, reliably and efficiently. Sherwin-Williams Protective & Marine delivers optimal solutions to combat corrosion and extend the service life of critical assets -with fast return-to-service times to minimize downtime.

Contact: Rick Goyette, 53 Teed Dr, Randolph, MA 02368, Tel:(413) 310-4765; Email: [rick.r.goyette@sherwin.com](mailto:rick.r.goyette@sherwin.com); <https://industrial.sherwin-williams.com/na/us/en/protective-marine.html>

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**Snyder Industries****Booth Number(s): 115**

Since our start in 1957, Snyder Industries has grown to become a recognized leader in the design and manufacturing of plastic bulk storage, processing and transportation tank systems. Snyder is the only manufacturer to offer one piece seamless Polyethylene bulk storage tanks up to 18,800 gallons, including double wall tanks with secondary containment protection and US DOT approved Intermediate Bulk Containers (IBCs) for transportation of hazardous chemicals.

Contact: Chuck Lupori, 6940 O St, Ste 100, Lincoln, NE 68510, Tel:(402) 465-1230;  
Email: clupori@snydernet.com; www.snydernet.com

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**Sodimate, Precision Systems****Booth Number(s): 455**

Precision Systems: Manufacturer of packaged pump stations for water and wastewater.  
Manufacturer of packaged Standby Power and Control Stations.

Contact: Alex Helmboldt, Email: ahelmboldt@r-r-inc.com; www.SmithdLoveless.com.  
Rep: Russell Resources

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**SPX Flow, Inc.****Booth Number(s): 401-406**

SPX Flow has combined the powerful Philadelphia Mixing Solutions and Lightnin mixer brands to bring you over 150 years combined of unrivaled experience in mixing technology, process knowledge, and technological innovations. Both Lightnin and Philadelphia Mixing Solutions enjoy a global reputation for durable, long-lasting mixers, agitators, aerators, flocculators, and impeller designs for fluid processing systems.

Contact: Nicolle Courtemanche, 135 Mt. Read Blvd, Rochester, NY 14611,  
nicolle.courtemanche@spxflow.com. cell: 585-527-1513.

Represented by: F.R. Mahony & Associates, See us in Booths 401 through 406

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**StormTrap****Booth Number(s): 143**

Contact: Josh Coroa, 1287 Windham Pkway, Romeoville, IL 60446, Tel:(401) 429-3491;  
Email: jcoroa@stormtrap.com; www.stormtrap.com

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**Sullivan Associates/Ritec Environmental****Booth Number(s): 458**

Contact: Chris Williams, PO Box 514, East Boothbay, ME 04544, Tel:(617) 699-0506;  
Email: chris@sullivanassociates.me;

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**Synagro Northeast (Silver Sponsor)****Booth Number(s): 493**

Founded in 1986, Synagro Technologies, Inc. provides environmentally sustainable solutions for commercial and municipal organizations that generate organic by-products. Synagro consistently transforms industrial and municipal waste into environmentally friendly resources that benefit our communities.

Contact: Patricia Rimkoski, 435 Williams Court, Ste 100, Middle River, MD 21220, Tel:(860) 483-0160;  
Email: primkoski@synagro.com; www.synagro.com

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**Technology Sales Associates (Silver Sponsor)****Booth Number(s): 426-429, 501-504**

Contact: Michael Caso, 402 Amherst St., Ste 301, Nashua, NH 03063, Tel:(508) 878-7641;  
Email: mcaso@techsalesne.com;

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**The MAHER Corporation (Gold Sponsor)****Booth Number(s): 152-158, 181**

Please visit the following companies in Booths 152-158 & 181: Biorem, Boerger, Brentwood, Charter Machine, ClearStream, DBS Manufacturing, Fab-Tech, Lakeside, Sanitaire/Xylem, Vapex, Waco, Westfalia and Watson Marlow.

Contact: Peter Kibble, 192 Pleasant St, Rockland, MA 02370, Tel:(781) 421-2600;  
Email: pkibble@themahercorp.com; www.themahercorp.com, Represented by: The Maher Corp,  
See us in Booths 152-158, 181

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**Ti-SALES (Bronze Sponsor)****Booth Number(s): 179**

Ti-SALES is dedicated to having the fastest service and the most knowledgeable experts in the water and wastewater industry throughout all of New England and New York. Since 1963, we've worked with countless water utilities, contractors, consultants, and resellers to provide the highest quality products and solutions to meet their long-term needs. FAMOUS FOR FAST SERVICE.

Contact: Danny Smith, 36 Hudson Road, Sudbury, MA 01776, Tel:(800) 225-4616;  
Email: dsmith@tisaes.com; www.tisaes.com

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**Truax Corporation****Booth Number(s): 145**

Underground Utility Service Company.

Contact: Maria Gerrior, 40 Plain St, North Attleboro, MA 02760, Tel:(508) 316-0979;  
Email: maria@truaxcorporation.com; www.truaxcorporation.com

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**United Concrete Products****Booth Number(s): 141**

United Concrete Products, Inc provides precast concrete products including: Precast Concrete Buildings; Pump Stations turnkey; Utility Buildings; Restroom and Concession buildings; Storage Building; Precast Valve vaults and wet wells

Contact: Steve Riccitelli, 69 North Plains Hwy, Wallingford, CT 06492, Tel:(203) 269-3119;  
Email: sriccitelli@unitedconcrete.com; www.shelberttechnologies.com

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**USABlueBook****Booth Number(s): 459**

Rely on USABlueBook for everything you need for water and wastewater operations and maintenance. As the company founded by operators for operators, we provide you with the Best Treatment through our outstanding service, vast product selection and expert technical support. USABlueBook is committed to supporting water and wastewater professionals in the lab, plant and field with an extensive yet carefully selected product offering.

Contact: Earlene Langston, PO Box 9005, 3781 Bur Wood Dr, Gurnee, IL 60031-9005,  
Tel:(847) 377-5162; Email: elangston@usabluebook.com; www.usabluebook.com/catalogs

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**Utility Systems Science and Software****Booth Number(s): 180**

Utility Systems Science &amp; Software (US3) provides sewer flow monitoring and open channel monitoring nationwide. US3 provides all of the instrumentation, manpower and reporting for Cities and Agencies that require accurate assessment of their sewer system. US3's comprehensive flow assessment will be tailored to match your budget.

Contact: Mark Serres, 601 N. Parkcenter Dr, Ste 209, Santa Ana, CA 92705, Tel:(714) 564-3494;  
Email: sales@uscubed.com; www.uscubed.com

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**Vapex****Booth Number(s): 152**

Vapex is your radical solution for sustainably eliminating odors, remediating FOG, and mitigating microbial induced corrosion. Vapex units are compact, highly effective and energy efficient.

Represented by: The Maher Corp, See us in Booths 152-158, 181

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**VEGA Americas****Booth Number(s): 211**

For more than 70 years, VEGA Americas, Inc. has provided industry-leading products for the measurement of level and pressure. VEGAs full product line of level and pressure measurement instrumentation allows us to provide one of the most complete ranges of measurement solutions in the industry.

Contact: Chantal Groom, 3877 Mason Research Pkway, Mason, OH 45036, Tel:(513) 515-6465;  
Email: c.groom@vega.com; www.vega.com

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**Veolia (Gold Sponsor)****Booth Number(s): 202, 203**

Veolia Group aims to become the benchmark company for ecological transformation. Present on five continents with nearly 213,000 employees, the Group designs and deploys useful, practical solutions for the management of water, waste and energy.

Contact: Rene Driscoll, 3 Milk St, Lexington, MA 02421, Email: renee.driscoll@veolia.com;  
www.veolianorthamerica.com

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**Veolia Water Technologies****Booth Number(s): 401-406**

Veolia Water Technologies offers innovative, efficient &amp; compact solutions including clarification, separation, softening, biosolids, biological &amp; PFAS solutions with low installation costs and rapid startup, optimizing energy and savings.

Contact: Tabitha Atkinson, 4001 Weston Pkwy, Cary, NC 27513, tel: 919-677-8310,  
Email: usmunicipal@veolia.com. Represented by: F.R. Mahony & Associates, See us in Booths 401 through 406.

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**Vortex****Booth Number(s): 196**

Trenchless pipe and infrastructure rehabilitation services.

Contact: Tyler Lowman, 521 Federal Rd, Livermore, ME 04253, Tel:(440) 371-7716;  
Email: tlowman@vortexcompanies.com; www.vortexcompanies.com

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**VTScada****Booth Number(s): 206**

VTScada, The Industry's Most Powerful SCADA Software is trusted by over 1,500 Water and Wastewater municipalities and 500 system integrators in North America. Designed for plant, telemetry, or hosted systems of any size, VTScada's unique design integrates all core SCADA components into one easy-to-use package.

Contact: Tim Donaldson, 90 Village Cir, Taunton, MA 02780, Tel:(617) 877-6660;  
Email: tim.donaldson@trihedral.com; www.vtscada.com

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**Waco****Booth Number(s): 154**

Flow control slide gates, weir gates and tilting weirs, stop gates, stop logs, flap gates, and telescopic valves. Static bar screens, screen gates, and debris baskets.

Represented by: The Maher Corp, See us in Booths 152-158, 181

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**Walker Process Equipment - Division of McNish Corporation Booth Number(s): 401-406**

Since 1946 Walker Process has been solely dedicated to designing and manufacturing equipment for the Water and Wastewater Industry in Aurora, IL. We offer proven municipal technologies for biological treatment, anaerobic treatment, wastewater clarification, digestion, separation, and sludge treatment. We offer standard and custom solutions for efficient solids-liquid separation.

Contact: Jeff Thomas, 840 N. Russell Ave., Aurora, IL 60506, tel: 630-264-5213,  
Email: jthomas@walker-process.com. Represented by: F.R. Mahony & Associates, See us in Booths 401 through 406.

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**Walker Wellington, A Hayes Pump Affiliate****Booth Number(s): 475-477**

Manufacturer's representative providing pumping, screening, thickening, dewatering, grit solutions to the water and wastewater industries since 1985. Recently, we've joined with Hayes Pump, Inc to create Hayes Group along with Atlantic Pump in Maine.

Contact: Henry Russell, 121 Martin Rd, Kittery, ME 03904-1034, Email: henry@walkerwellington.com;  
www.walkerwellington.com

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**WaterTectonics****Booth Number(s): 200**

Established in 1999, WaterTectonics designs, manufactures, deploys, and services advanced water treatment systems to help clients meet compliance with environmental permits or reduce operating costs related to water. The company offers innovative electrocoagulation technology in addition to chemical, media, and membrane-based systems.

Contact: TJ Mothersbaugh, 6300 Merrill Creek Pkwy, Ste C-100, Everett, WA 98203,  
Tel:(206) 947-5950; Email: tj@watertectonics.com; www.watertectonics.com

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**Watson Marlow****Booth Number(s): 154**

Watson Marlow is the world's largest manufacturer of peristaltic pumps and systems for chemical feed, sample pumping, chemical transfer, sludge & grit pumping as well as other difficult applications utilizing Watson-Marlow case drive and QDos tubing pumps as well as our Apex and Bredel hose pumps.

Represented by: The Maher Corp, See us in Booths 152-158, 181

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**Wescor Associates Booth Number(s): 410, 411, 473, 474, 481, 482, 483, 489, 490, 491**

Manufacturer's Representative serving New England thru representation of leading companies in the water and wastewater fields. Process Equipment-Blowers, Clarifiers, Chem Feed, Screens, Grit, Odor, Pumping, Liquid/Solids Separation & disinfection.

Contact: Bill Montanaro, 686 South St, Wrentham, MA 02093, Tel:(508) 954-6562;  
Email: billjr@wescor1.net; www.wescor1.net

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**Williamson Electrical Co dba Williamson Pump & Motor****Booth Number(s): 186, 187**

At Williamson Pump & Motor, it is our primary mission to help you in the process of both preventing and resolving your problems in your facility. With over 70 years of business experience, our field and shop technicians, industrial electricians and sales personnel will give your problem all the attention needed to find a solution.

Contact: Josh C., 334B Calef Hwy, Epping, NH 03042, Tel:(617) 884-9200;  
Email: joshc@weco-group.com; www.weco-group.com

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**Xylem Dewatering Solutions****Booth Number(s): 467**

Godwin Pumps is the industry leader in pump manufacturing, Godwin is an immediately recognizable name in the portable pump industry by way of its innovative approach to pump manufacturing, rental, sales, and service. Godwin Pumps set the pace for the range and versatility of pumping solutions available worldwide because it designs, manufactures, services, sells and rents products that are efficient, reliable and targeted to the specific needs of its customers.

Contact: Andrew Culver, 99 Stockhouse Rd, Bozrah, CT 06334, Tel:(860) 889-2343;  
Email: andrew.culver@xylem.com;

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**Xylem Water Solutions****Booth Number(s): 466**

Contact: Spencer Mack, 99 Stockhouse Rd, Bozrah, CT 06334, Tel:(919) 612-6653;  
Email: spencer.mack@xylem.com;

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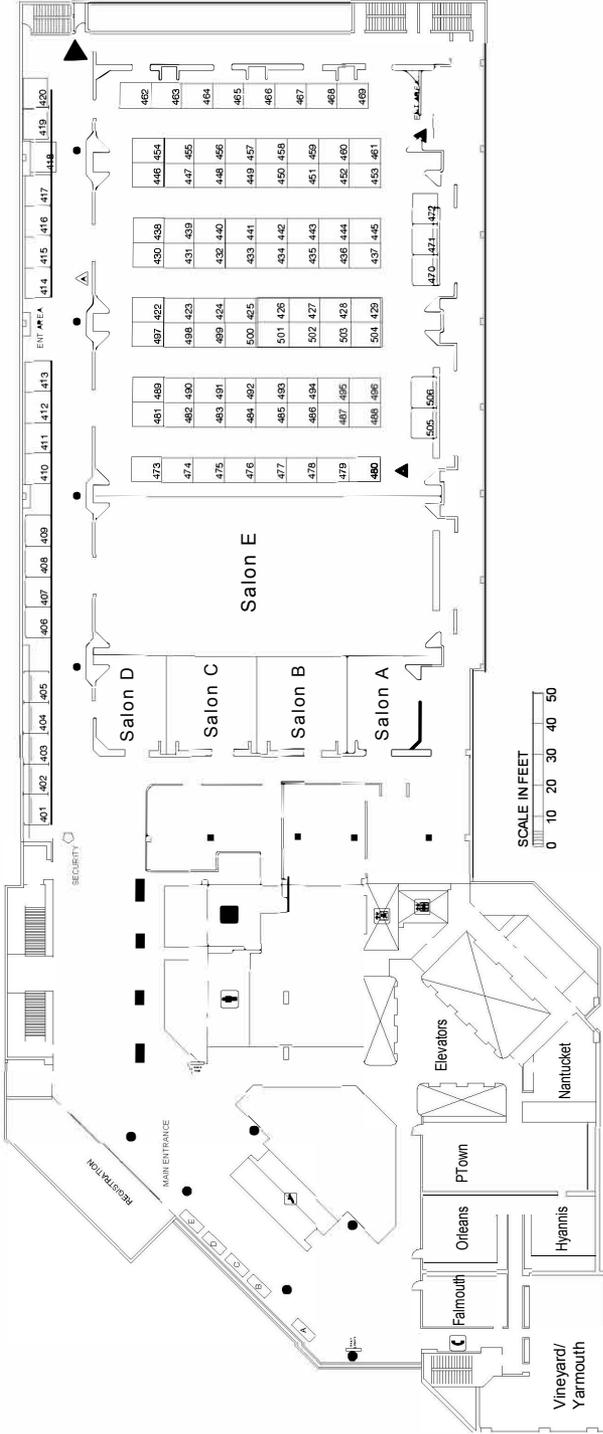
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# Marriott Copley Place Hotel—NEWEA Conference Floor Plans



4th Floor

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Monday: 10:30 AM – 6:30 PM  
Tuesday: 8:00 AM – 6:30 PM  
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**CT:** 2.0 per session, 1.0 for Monday Keynote, 1.5 for Tuesday Plenary Session  
Please note, the Exhibit Hall is NOT approved.  
**VT:** 2.0 per session, 1.0 for Monday Keynote, 1.5 for Tuesday Plenary Session,  
Please note: Sessions 4, 17, 26, 33, and the Exhibit Hall are NOT approved.  
**ME:** 2.0 per session, 1.0 for Monday Keynote, 1.5 for Tuesday Plenary Session, and 1.0 per day in Exhibit Hall.  
Please note: Sessions 4, 17, 26, and 33 are NOT approved  
Please also note, Sessions 6, 8, 12, 24, and 31 are approved as "Management" TCHs - up to 6 TCHs per renewal cycle may be a combination of Safety and/or Management topics.

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Exeter\*  
Fairfield\*  
Harvard  
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Yard House located on the 2nd Floor  
and Tremont located on the 1st Floor

**KEY: 3rd floor rooms are Colleges,  
Universities, and Boston Streets.  
4th floor rooms are salons  
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