

New England
Water Environment
Association
presents

95th Annual Conference

One Water: All for One and One For Water

NEWEA 2024 Annual Conference & Exhibit

January 21–24
Boston Marriott Copley Place
Boston, Massachusetts



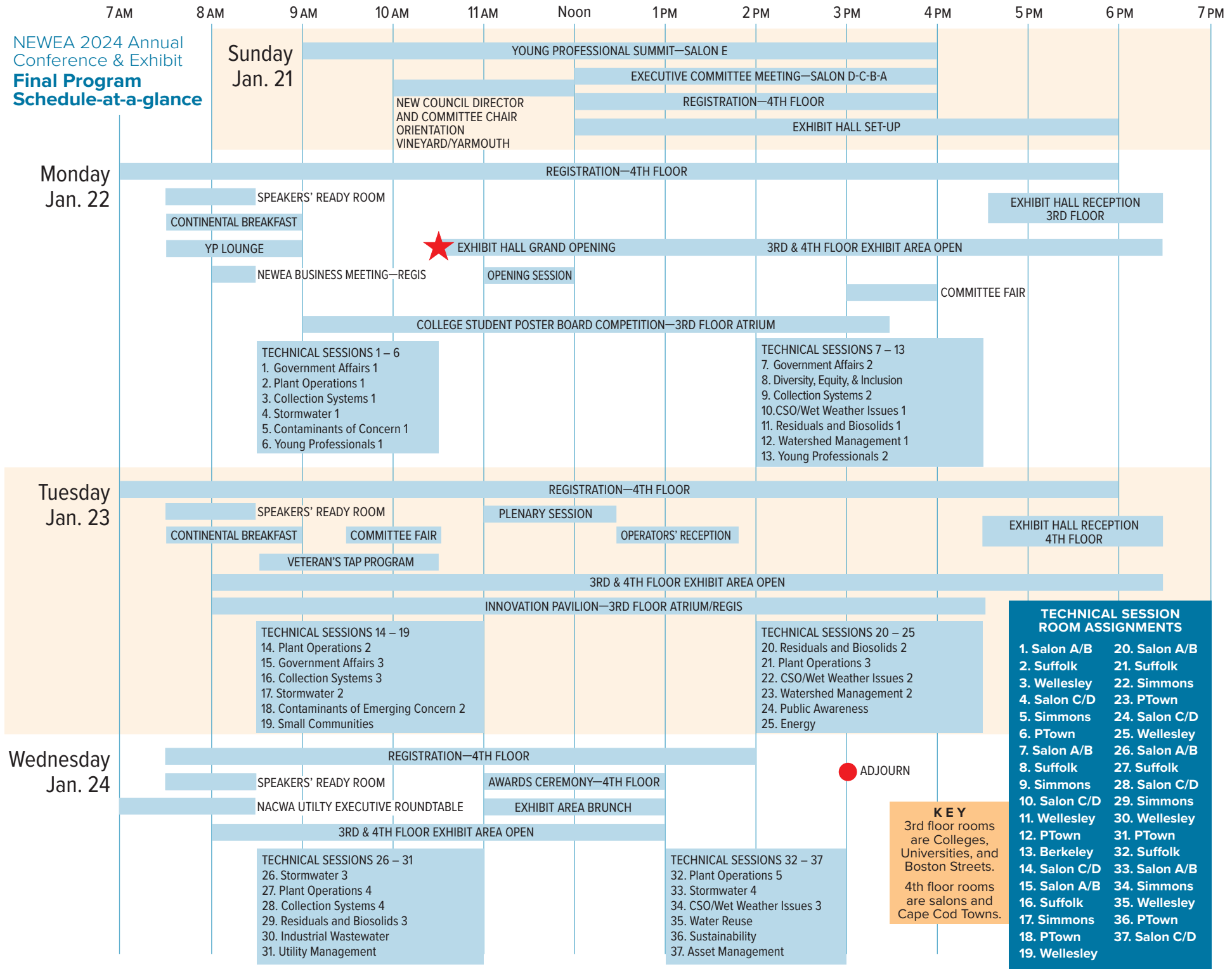
NEWEA
WORKING FOR WATER QUALITY

CONFERENCE PROGRAM

Miscellaneous Events & Committee Meetings

| | | |
|--|---------------------|---------------------|
| Sunday, January 21, 2024 | | |
| 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 |
| Monday, January 22, 2024 | | |
| 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 |
| Tuesday, January 23, 2024 | | |
| 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 |
| Wednesday, January 24, 2024 | | |
| 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 |
| Speakers' Ready Room (M, T, W) | Hyannis | 7:30 AM |

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





Robert Fischer
NEWEA President



Maureen Neville
*NEWEA Program
Committee Chair*

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Welcome to the 2024 NEWEA Annual Conference!

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 |
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| Past President (Management Review) | Frederick J. McNeill |
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| WEF Delegate (10/21) | Ray Vermette |
| WEF Delegate (10/22) | Janine L. Burke-Wells |
| WEF Delegate (10/23) | Virgil J. Lloyd |

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| Rhode Island | Edward Davies |
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Council Directors

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| 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

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| PFAS Task Force* | Scott M. Firmin |
| Workforce Development* | Bill C. Boornazian |

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| Bylaws Committee | James R. Barsanti |
| Committee Member Appreciation Committee | John Bobrek |
| Nominating Committee | Jennifer K. Lachmayr |
| Sponsor Committee | Larry Scola |

NEWEA 2024 COUNCILS (CONTINUED)

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| Exhibits Committee | Paul Russell |
| Program Committee | Maureen D. Neville |
| Registration Committee | Scott Neesen |

Communications Council

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| 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

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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

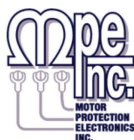
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National Water Week! DC Fly-In

April 8 – 9, 2024
Washington, D.C.

The 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 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



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

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

Monday, January 22

| | |
|---|-----------------|
| 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 |
| Young Professionals Lounge (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 | |
| NEWEA Annual Business Meeting (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> | |
| Technical Sessions 1–6 | 8:30–10:30 AM |
| <i>See descriptions beginning on page 17</i> | |
| College Student Poster Board Competition (3rd Floor Atrium) | 9:00 AM–2:30 PM |
| Coordinator: Joanna Sullivan, VHB • Session with authors | 12:30–2:30 PM |
| Awards | 3:00–3:30 PM |
| <i>See description on page 37-38</i> | |
| Exhibit Hall Grand Opening | 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) 2:00–4:30 PM
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

NACWA's Utility Executive Roundtable & Breakfast (Vineyard) 7:00–8:30 AM
Utilities Leaders Invite Only

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

Registration (4th Floor) 7:30 AM–2:00 PM

Exhibits (3rd and 4th Floor Exhibit Areas) 8:00 AM–1:00 PM

Technical Sessions 26–31 8:30–11:00 AM
See descriptions beginning on page 30

Exhibit Hall Break 9:30–10:00 AM

Exhibit Area Brunch 11:00 AM–1:00 PM
The exhibit area brunch will be held in both the 3rd and 4th floor exhibit areas

NEWEA Awards Ceremony and Lunch (Salon E) (ticket required)... 11:00 AM–1:00 PM

Technical Sessions 32–37 1:00–3:00 PM
See descriptions beginning on page 33

Adjourn 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

Moderator:
Stephen Sanders, WEF

Salon E

Plenary Session: Our One Water Future

.....

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

.....

Session 1

Government Affairs 1: Regulatory Actions

Moderators:

Jeff McBurnie,
Casella Resource Solutions

Jeff LeMay,
Town of South Windsor, CT

Salon A/B

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

Session 2

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

Moderators:

Jim Li, AECOM

Patty Chesebrough, NHDES

Suffolk

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
.....

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

**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

Provincetown

**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
.....

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 H₂s
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
Jonas Jacques, Kleinfelder

Salon C/D

Exhibit Hall Break
3:00–3:30 PM

Monday
2:00–4:30 PM
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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, NEIWPCC
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

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

Session 17

Stormwater 2: Tools – Expanding your Stormwater Toolbox

Moderators:

Eric Kelley,
Environmental Partners
Scott Lander, Retain-It

Simmons

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

**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

Wellesley

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
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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

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

Salon C/D

Session 25

Energy: Energy Neutrality from the Local to National Stage

Moderators:

Tracy Chouinard,
Brown and Caldwell

Tom Schwartz,
Woodard & Curran

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

Wellesley

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

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

Session 27

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

Moderators:

Emily Korot, CDM Smith
Nick Tooker,
University of Massachusetts

Suffolk

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 Ricozzi, 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 Raftery, 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

**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

Session 31

**Utility Management:
Workforce & Funding**

Moderators:

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

Provincetown

**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

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
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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

**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

Session 37

Asset Management

Moderators:

Peter von Zweck, Jacobs
Eliza Styczynski,
Brown and Caldwell

Salon C/D

**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

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.

Annual Business Meeting

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

.....

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 Nakanyeni, 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

.....

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 Ryzi
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 Hassanpourmoghadam
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

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) | Continental Breakfast |
| 9:00 - 11:00 AM (3rd Floor Atrium) | Innovators Set Up & Network |
| 11:00 AM - 12:30 PM (Salon E) | "Our One Water Future" 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 | Lunch Break (on own) |
| 2:00 - 2:30 PM (Regis) | Veolia Presentation 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">• Celine Delabie, Veolia• Kendra Morris, Veolia |

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) | Xylem Presentation 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&D collaborations, and commercial partnerships. <ul style="list-style-type: none">• Jeff Lopes, Xylem• Josh Griffis, Xylem |
| 3:00 - 3:30 PM | Coffee Break |
| 3:30 - 4:30 PM (Regis) | Enhanced Innovative & Alternative (EIA) Septic Update - Case Studies and Financial Impact 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. <ul style="list-style-type: none">• Scott Horsley, Water Resources Consultant• Bruce Walton, Battalia Winston• Michael Loberg, Tisbury Board of Health• Marybeth Chubb, Wastewater Section Chief, MassDEP• Chi Ho Sham, Incoming Chair, Innovation Committee |

**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

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

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

Wastewater Trainer of the Year

Betty Green, B. Green L&P Consulting

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

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

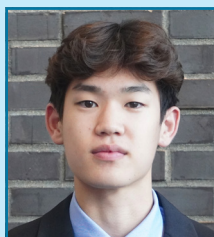


Dominic Perkins
University of Maine

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



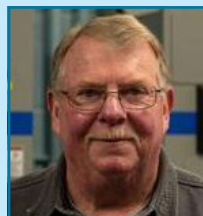
Massachusetts
John Downey
Dedham, MA



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



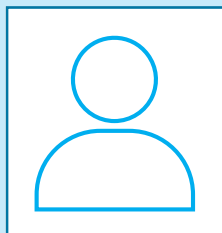
**WEF Operations Challenge, Division II - 2nd Place
Rising Sludge**



**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



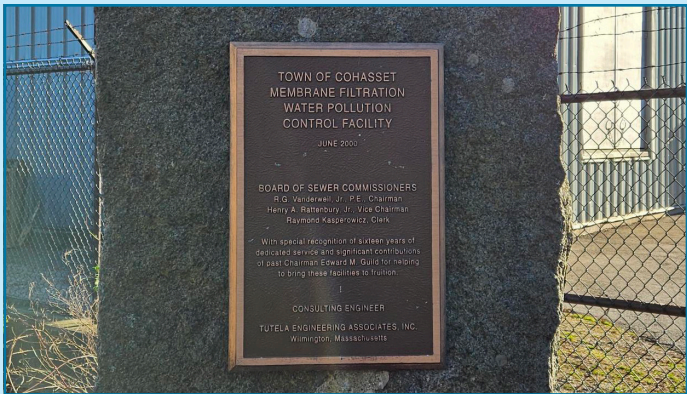
**Laboratory Analyst
Excellence Award**
Walter Palm
Providence, RI



**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 |
| Kyle Coolidge | Tighe & Bond | 27 |
| Marja Copeland | Mystic River Watershed Association..... | 33 |
| Daryl Coppola | FR Mahony | 13 |
| Matthew Corbin | Wright-Pierce..... | 10 |
| Leslie Corcelli | EPA Office of Wastewater Management..... | 15 |
| Tyler Cosma | Stantec..... | 26 |
| Paul Costello..... | City of Quincy, MA | 37 |
| Zachary Cronin..... | City of Portsmouth, NH..... | 3 |
| Christopher Curran | AECOM | 18 |
| Chris Dapson..... | Environmental Partners | 26 |
| Brandon Davis..... | Heartland Water Technology | 11 |
| Amy Decola..... | Hoyle Tanner | 21 |
| Celine Delabie..... | Veolia..... | Innovation |

| PRESENTER | AFFILIATION | SESSION NO. |
|-------------------------|--|--------------------|
| 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 Emberely..... | 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 |
| Andrew Friedenthal..... | CHAR Technologies..... | 30 |
| Jeff Gamelli..... | City of Westfield..... | 14 |
| 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 |
| Josh Griffis..... | Xylem..... | Innovation |
| Kimberly Groff..... | SNEP..... | 23 |
| Andrew Grota..... | Environmental Partners..... | 16 |
| William Guenther..... | Fuss & O'Neill..... | 4 |
| Steve Guerrette..... | Wright-Pierce..... | 10 |
| Sue Guswa..... | Woodard & Curran..... | 14 |
| Joe Haberek..... | RIDEM..... | 7 |
| Cliff Hall..... | Lowell Regional Wastewater Utility..... | 34 |
| Ivonne Hall..... | CTDEEP..... | 7 |
| Andre Hamelberg..... | Massachusetts Institute of Technology..... | 5 |

| PRESENTER | AFFILIATION | SESSION NO. |
|--------------------------|--|-------------|
| 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 |
| Cameron Jenkins..... | Arcadis..... | 9 |
| 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 |

| PRESENTER | AFFILIATION | SESSION NO. |
|-------------------------------|--|-------------|
| 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 Pinard..... | 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 |

| PRESENTER | AFFILIATION | SESSION NO. |
|---------------------------|---|--------------------|
| 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 |
| Daniel Roop | Tighe & Bond | 37 |
| John Ross | Brown and Caldwell | 29 |
| 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 |
| Matthew Scarborough | Hoyle Tanner | 21 |
| Kate Schassler..... | AECOM..... | 6 |
| Josh Schimmel..... | SWSC | 20 |
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Booth(s): 105

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Booth Number(s): 437, 445

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Contact: Matthew Brown, 51 Wentworth Ave, Ste 15, Londonderry, NH 03053, Tel:(256) 656-6385; Email: mbrown3@idexcorp.com; www.adsenv.com

American Water Works Association

Booth Number(s): 215

An international, nonprofit, scientific and educational society dedicated to providing total water solutions assuring the effective management of water. Founded in 1881, the Association is the largest organization of water supply professionals in the world.

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APTIM

Booth Number(s): 408

A global industry leader headquartered in Baton Rouge, Louisiana. With more than 4,000 employees worldwide, APTIM specializes in environmental services, sustainability and energy solutions, program management, resilience, critical infrastructure, as well as technical and data solutions. Our dedicated people have proven experience and expertise to provide integrated services and solutions to government agencies, commercial, industrial and energy customers.

Contact: Jim Belcastro, 150 Royall St, Canton, MA 02021, Tel:(508) 463-8759; Email: jim.belcastro@aptim.com; www.aptim.com

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Booth Number(s): 452, 453, 460, 461, 468, 469

Aqua Solutions, Inc. represents leading manufacturers of municipal and industrial water/wastewater treatment equipment in the six New England states. Our experienced team provides practical and cost-effective solutions for our customers. From conceptual design and equipment selection through installation, startup and service after the sale, we are committed to providing superior customer service and the right product for each application.

Contact: James DeLuca, 154 West Grove St, Unit D, Middleboro, MA 02346, Email: jdeluca@aquasolutionsinc.net;

Aquamatrix by Water Analytics

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

Aquatic Informatics**Booth Number(s): 197**

Headquartered in Vancouver BC Canada, Aquatic Informatics has provided software solutions for 20 years that address critical water data management, analytics, and compliance challenges for the rapidly growing water industry. Water monitoring agencies worldwide trust Aquatic Informatics to acquire, process, model, and publish water information in real time.

Contact: Kassia Skolski, 1111 West Georgia, #2400, Vancouver, BC V6E 4M3 Canada,
Tel:(604) 365-2082; Email: kassia.skolski@aquaticinformatics.com; www.aquaticinformatics.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

Atlantic Fluid Technology**Booth Number(s): 479, 480, 487, 488, 495, 496, 505, 506**

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

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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Contact: Bob Hopkins, 65 Holbrook St, Ste 250, Norfolk, MA 02056, Tel:(508) 699-9300;
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BAU/Hopkins - Cleanwater1/ Saf-T-Flo**Booth Number(s): 423**

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

BAU/Hopkins- Netzsch/ Prime Solutions**Booth Number(s): 424**

Netzsch provides progressive cavity pumps and systems and rotary lobe pumps. Prime Solutions offers Rotary Fan Press in free standing, space saving skid mounted systems, & mobile systems.

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

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

Biorem offers an array of technologies for the removal of odors, Hydrogen Sulfide (H2S), Volatile Organic Compounds (VOCs) and hazardous air pollutants (HAPs). They are available in many sizes and options from smaller integrated modular units to our larger custom designed field erected systems.

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

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

Simply Sustainable. Always Effective. BioSafe Systems, LLC is a company leading innovations since 1998 for environmentally sustainable practices and products that protect crops, water, and people. Our success hinges on a commitment to customer service, quality research, regulatory compliance, and the willingness to adapt. BioSafe Systems is a family-owned and operated company certified by NQA to ISO 9001:2015, 14001:2015, and 45001:2018, and our products are manufactured proudly in the USA.

Contact: Bob Greene, 22 Meadow St, East Hartford, CT 06108, Tel:(860) 462-2365;
Email: bgreene@biosafesystems.com; www.biosafesystems.com

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Boerger manufactures rotary lobe pumps, macerating technology, separation technology and feeding technology to convey low to high viscous and abrasive media.

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

Boyson and Associates, Inc was founded in 1985 and is a customer driven Water and Wastewater Solutions based Equipment Representative. Longtime Principals include enclosed package Water and industrial wastewater MBR Plants. Additional Major Lines include Centrisys/CNP USA manufacturer of Centrifuges for all thickening and dewatering applications and CNP Sludge Reduction, Atara Conveyors, MFG Weirs and Baffles, Hallsten Aluminum Covers, Daniel Odor Control, Loprest Water Treatment.

Contact: Brian Boyson, 41 Greenside Way, Methuen, MA 01844, Tel:(508) 889-6371;
Email: brianboyson@outlook.com; www.wastewaterequipmentboyson.com

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Brenntag Water Treatment your Partner in Solutions for Water Treatment. WE DO JAR TESTING! Our experienced and dedicated team will apply their application knowledge to provide solutions for your toughest water related challenges. We distribute dispersants & antiscalants, coagulants, flocculants, biocides, scale inhibitors, corrosion inhibitors, defoamers, permanganates, filtration media, NSF certified products and facilities, as well as products for heavy metals removal and odor control. Source from the Experts!

Contact: Sean Murtagh, 5083 Pottsville Pike, Reading, PA 19605, Tel:(908) 963-6614;
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Brentwood**Booth Number(s): 156**

Brentwood provides robust and cost-effective water clarification and biological treatment solutions, including Polychem non-metallic chain and flight scrapers, tube settlers, sediment removal systems, trickling filter media, and submerged fixed-film media.

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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@brwnclad.com; www.browncaldwell.com

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

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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

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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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.

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Email: Patrick.Ellis@casella.com; www.casella.com/services/organics

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

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

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

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;

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

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

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

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

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

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

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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

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

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

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

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

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.

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

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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

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

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

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

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

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

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

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

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

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

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

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

Based in Pocasset, Massachusetts, EOSi provides proprietary nonhazardous and environmentally sustainable liquid organic chemicals (MicroC[®]) 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

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

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;

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

Fab-Tech is the leading innovator in coated metal fume exhaust duct systems; offering PSP[®], 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

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

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

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.

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

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.

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

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

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

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

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

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

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

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

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;

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

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.

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

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

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

Homa Pump located in Ansonia, CT manufactures 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.

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 Standard 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

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.

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.

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

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

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

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

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

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

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

Pribusin 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

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

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

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

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

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

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

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

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

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.

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

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

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

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

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

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.

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;

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)

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

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

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

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

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

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

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)

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

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

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@orencos.com; www.orencos.com

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

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.

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.

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

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; www.snf.com

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, www.precisiontrenchless.com

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; www.primexcontrols.com

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;

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.

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

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

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

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

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

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

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; www.SmithdLoveless.com. Rep: Russell Resources

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; www.r-r-inc.com

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

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; www.sanitaryequipment.com

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

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

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; www.scavinequipment.com

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; www.se.com

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; www.ssisealingsystems.com

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

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;

<https://industrial.sherwin-williams.com/na/us/en/protective-marine.html>

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

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

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

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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

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

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;

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

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;

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

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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

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@tisales.com; www.tisales.com

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

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: srccitelli@unitedconcrete.com; www.shelberttechnologies.com

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

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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

Utility Systems Science and Software**Booth Number(s): 180**

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

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.

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Email: c.groom@vega.com; www.vega.com

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Contact: Rene Driscoll, 3 Milk St, Lexington, MA 02421, Email: renee.driscoll@veolia.com;

www.veolianorthamerica.com

Veolia Water Technologies**Booth Number(s): 401-406**

Veolia Water Technologies offers innovative, efficient & compact solutions including clarification, separation, softening, biosolids, biological & 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.

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

VTScada**Booth Number(s): 206**

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

Walker Process Equipment - Division of McNish Corporation **Booth Number(s): 401-406**

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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.

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

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

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

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

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

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;

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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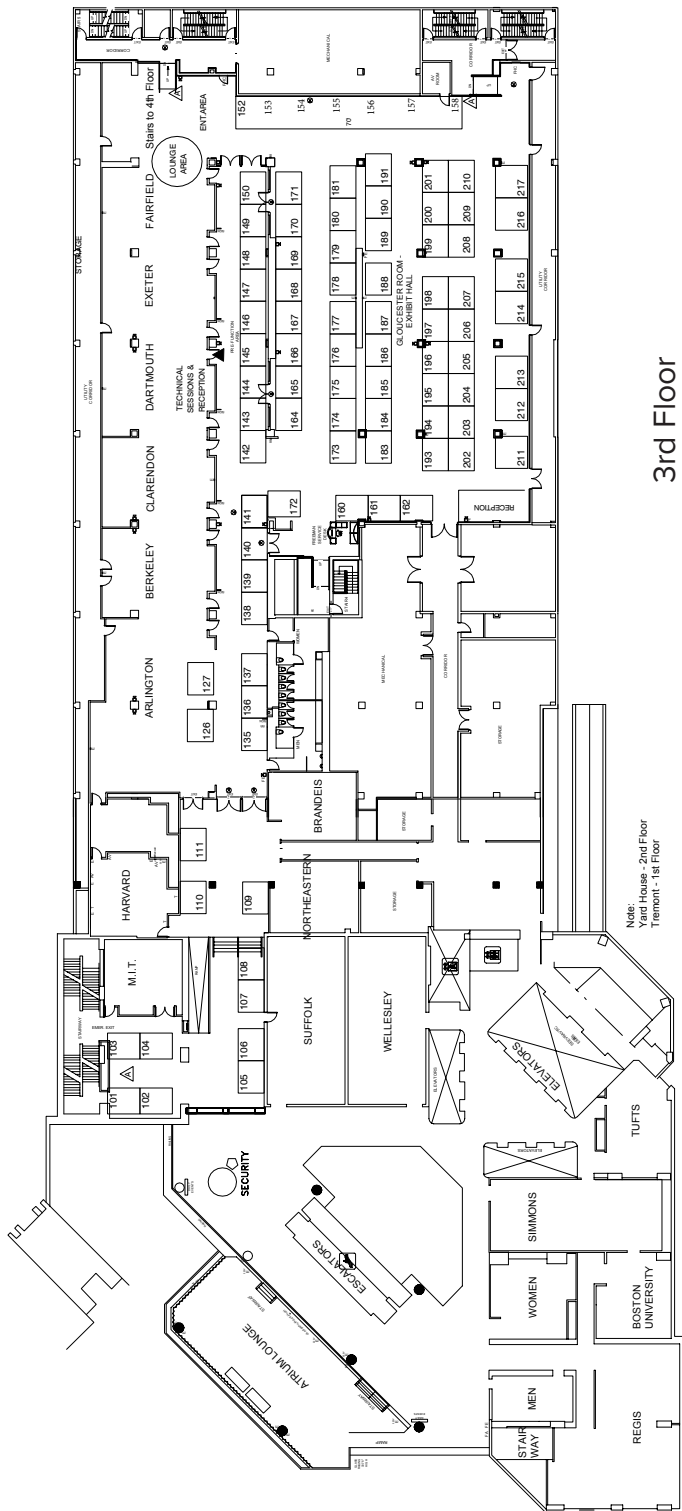
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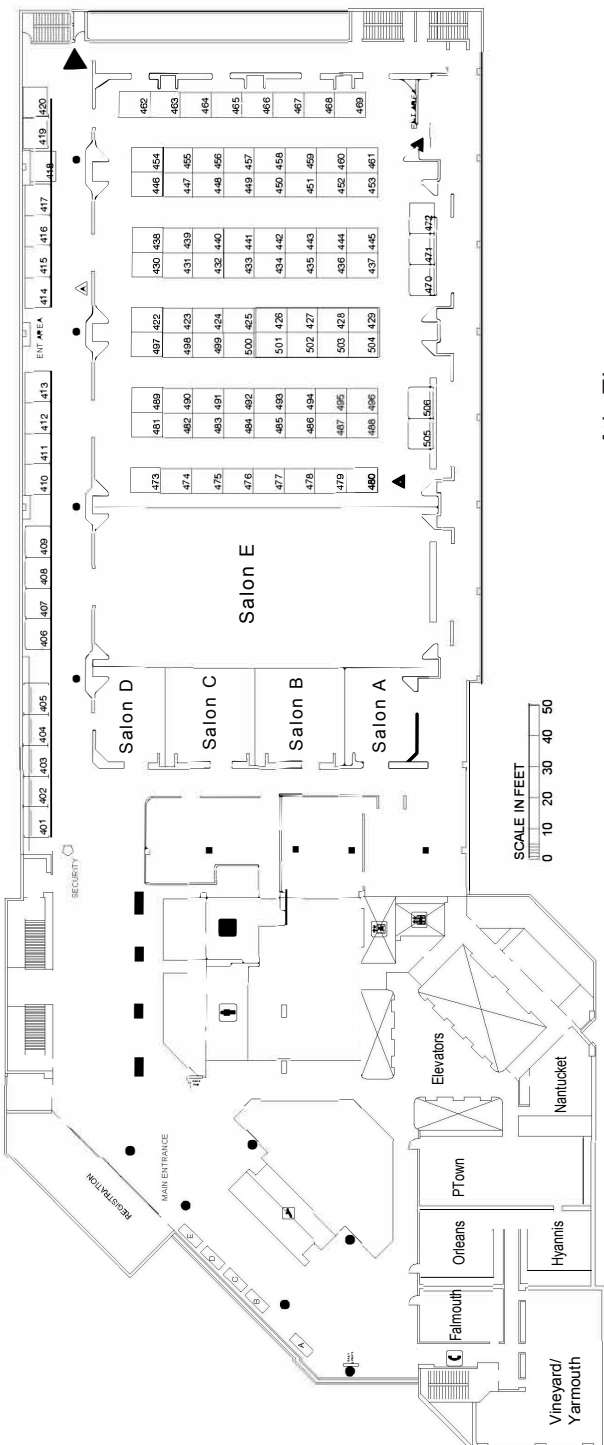
Marriott Copley Place Hotel—NEWEA Conference Floor Plans



3rd Floor

Note:
Yard House - 2nd Floor
Tremont - 1st Floor

Marriott Copley Place Hotel—NEWEA Conference Floor Plans



4th Floor

EXHIBITION HOURS

Monday: 10:30 AM – 6:30 PM

Tuesday: 8:00 AM – 6:30 PM

Wednesday: 8:00 AM – 1:00 PM

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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.

MA, NH, and RI: 2.0 per session, 1.0 for Monday Keynote, 1.5 for Tuesday Plenary Session, and 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, 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.

Meeting Room and Exhibit Locations

3rd Floor

Exhibits

Exhibit Booths #101–116

Back Bay Exhibit Hall

Back Bay Foyer Area

Poster Sessions

Meeting/Session Rooms

Arlington*

Berkeley*

Boston University

Brandeis

Clarendon*

Dartmouth*

Exeter*

Fairfield*

Harvard

Northeastern

Regis

Simmons

Suffolk

Tufts

Wellesley

**Located inside Back Bay Exhibit Area*

4th Floor

Exhibits

Exhibit Booths #401–506, D–E

Salons F thru K and Foyer

Meeting/Session Rooms

Salons A thru E

Hyannis

Nantucket

Orleans

Provincetown

Vineyard

Yarmouth

Falmouth

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
and Cape Cod Towns.**

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