

New England
Water Environment
Association
presents:

**WATER'S
WORTH IT
INSPIRING
THE
WATER
REVOLUTION**



**NEWEA 2020
Annual Conference
& Exhibit**

January 26 – 29

Boston Marriott Copley Place
Boston, Massachusetts



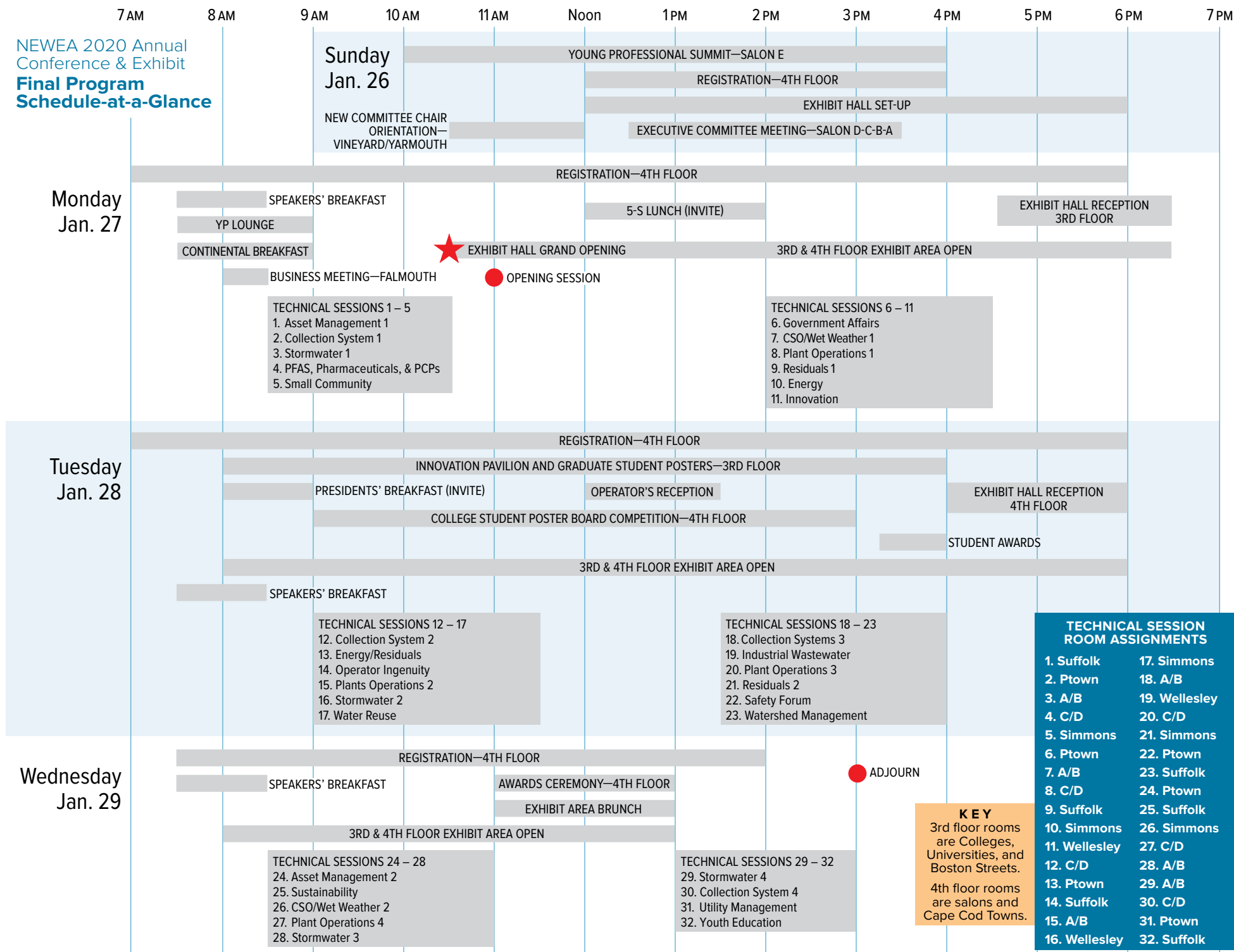
NEWEA
WORKING FOR WATER QUALITY

CONFERENCE PROGRAM

Miscellaneous Events & Committee Meetings

Sunday, January 26, 2020		
Young Professionals (YP) Summit	Salon E	10:00 AM – 5 PM
Committee Chair & Council Director Orientation	Vineyard/Yarmouth	10:30 AM – Noon
Executive Committee Meeting	Salon D-C-B-A	Noon – 3:30 PM
Monday, January 27, 2020		
Affiliated State Association Leadership	Orleans	9:00 – 10:30 AM
Asset Management Committee	Vineyard/Yarmouth	Noon – 1:00 PM
Residuals Management Committee	Regis	Noon – 1:00 PM
Water Reuse Committee	Champions	Noon – 1:00 PM
Young Professionals Committee	Legal Seafoods	Noon – 1:00 PM
CSO/Wet Weather Issues Committee	Champions	Noon – 1:30 PM
Stormwater Committee	Clarendon	Noon – 1:30 PM
Energy Committee	Harvard	12:15 – 1:45 PM
Contaminants of Emerging Concern Committee	MIT	1:00 – 2:00 PM
Sustainability Committee	Orleans	1:00 – 2:00 PM
Utility Management Committee	Hyannis	2:00 – 3:00 PM
Charitable Giving Task Force	Yarmouth	2:00 – 3:30 PM
Public Awareness Committee	Boston University	2:00 – 3:30 PM
Assessment and Development Committee	—	2:30 – 3:30 PM
Innovation Council	Falmouth	3:30 – 4:30 PM
Plant Operations Committee	Orleans	4:30 – 5:30 PM
Stormwater, Watershed, Sustainability Committees	Hyannis	4:30 – 5:30 PM
Tuesday, January 28, 2020		
Journal Committee	Orleans	7:30 – 8:30 AM
Government Affairs Committee	Clarendon	9:00 – 10:30 AM
Collection Systems Certification Committee	MIT	10:00 – 11:30 AM
Membership Committee	Boston University	10:30 – 11:30 AM
Awards Committee	Falmouth	11:00 AM – Noon
Operations Challenge Committee	Vineyard	11:00 AM – Noon
Sponsorship Committee	Orleans	11:00 AM – Noon
Industrial Wastewater Committee	Champions	11:45 AM – 1:15 PM
Youth Education Committee	Champions	Noon – 12:30 PM
Laboratory Practices Committee	Hyannis	Noon – 1:00 PM
Watershed Management Committee	Orleans	Noon – 1:00 PM
Safety Committee	Champions	Noon – 1:30 PM
Collection Systems Committee	Clarendon	12:15 – 1:15 PM
NEWEA/NEWWA/APWA Leadership	Falmouth	2:00 – 3:00 PM
Veterans Workforce Development Committee	Champions	3:00 – 4:00 PM
Wednesday, January 29, 2020		
Innovation Task Force	—	9:00 – 10:00 AM
Photo Ready Room	3rd floor atrium	9:00 – 10:00 AM
Award Ceremony & Lunch	Salon E	11:00 AM
Speaker Breakfast/Ready Room (M, T, W)	Hyannis	7:30 AM

NEWEA 2020 Annual
Conference & Exhibit
Final Program
Schedule-at-a-Glance





Raymond Vermette
NEWEA President



Amy Anderson George
NEWEA Program
Committee Chair

Welcome to NEWEA's 90th Annual Conference!

This premier water quality event and exhibit features 32 technical sessions, a student poster session that showcases the work of students studying in our industry, two floors of exhibitors featuring the industry's latest products, and the second annual Innovation Pavilion! In keeping with this year's theme, "Inspiring the Water Revolution", this year's program is focused on bringing innovation to the forefront for our members and friends for all three days!

On Monday, join us at the Opening Session to hear from our Keynote Speaker Kit Krugman, Global Executive Director of Women in Innovation (WIN). Additionally, we plan to formally announce the full merger of NEWEA with the Northeast Water Innovation Network (NEWIN) during the Opening Session. This merger is the result of a lot of hard work by the NEWEA Senior Management Team, NEWIN Board, the NEWEA ADHOC Innovation Committee, and NEWEA Executive Office. Once finalized, the merger will grant existing NEWEA members the opportunity to connect with NEWIN's network of innovators and attend additional events focused on water innovation and provide NEWIN members with access to NEWEA, and WEF, membership benefits, as well as NEWEA's expertise cultivated throughout 90 years of industry experience.

We encourage you to attend any number of our technical sessions and roundtable discussions and visit both floors of our exhibit hall. Monday winds down with the first of two Exhibit Hall receptions on the 3rd floor.

Tuesday is NEWEA Operator Day! We will celebrate operators with a full program of technical sessions geared towards operators, the Operator Ingenuity technical session on Tuesday morning, the Operator's Reception at noon, and countless networking opportunities at the Exhibit Hall Reception in the afternoon.

Stop by the 3rd floor on Tuesday to visit the Innovation Pavilion. The program features exhibits and presentations from some of the most promising water technology companies in the region, as well as Shark Tank pitches from students.

The final day of the conference features a full day of technical sessions and exhibits, our Wednesday lunch-time awards ceremony recognizing outstanding efforts in our industry, and the passing of the gavel to the 2020 NEWEA President, Jennifer Kelly Lachmayr. The Awards Luncheon sells out annually, so don't miss out! We hope you take advantage of all the 2020 Annual Conference has to offer and use this occasion to catch up with old acquaintances and friends and cultivate new ones.

We wish to recognize the significant efforts of the Meeting Management Council and members of the Program and Awards Committees who make this conference the place to be every January. Thanks to the members of all the committees who review abstracts, moderate sessions, and provide the technical and subject matter expertise we need to do our jobs better. And big thanks to the NEWEA Office Staff: Mary Barry, Janice Moran, Jordan Goselin, and Cindy Avagianos, for their energy, professionalism, and patience in planning and coordinating this great event every year!

Raymond Vermette, NEWEA President

Amy Anderson George, NEWEA Program Committee Chair

Table of Contents

Executive Committee Councils.....	2
Conference Events	12
Opening Session	15
Technical Sessions:	
Monday	16
Tuesday	22
Wednesday	29
Innovation Pavilion.....	34
Student Posters	36
Session Moderators	38
Session Presenters.....	40
Business Meeting	46
Floor Plans.....	48
Exhibitors Directory Booth Listings	50

NEWEA 2019 EXECUTIVE COMMITTEE

President Raymond Vermette
President Elect Jennifer Kelly Lachmayr
Vice President Virgil Lloyd
Treasurer Clayton "Mac" Richardson
Past President (Management Review) Janine Burke-Wells
Executive Director Mary Barry

WEF Delegate (10/16) Frederick McNeill
WEF Delegate (10/17) Matthew Formica
WEF Delegate (10/18) Susan Guswa
WEF Delegate (10/19) James Barsanti

State Directors

Connecticut William Norton
Maine Jeffrey McBurnie
Massachusetts Justin deMello
New Hampshire Steve Clifton
Rhode Island Scott Goodinson
Vermont Christopher Robinson

Council Directors

Collection Systems/Water Resource Council John Digiacomo
Communications Council Director Meg Tabacsko
Meeting Management Director Katelyn Biedron
Outreach Council Justin Skelly
Treatment, Systems Operations, &
Management Council Philip Forzley

NEWEA 2019 COUNCILS

Vice President Council

Innovation Task Force Marianne Langridge
Voluntary Certification Tom Groves
Veterans Workforce Development* Peter Goodwin

Management Review Council

Assessment and Development Committee Mary Lee Santoro
Awards Committee Jay Sheehan
Bylaws Committee Michael Bonomo
Committee Member Appreciation Committee Denise Descheneau
Nominating Committee Raymond Willis
Sponsor Committee Dennis Vigliotte

NEWEA 2019 COUNCILS (CONTINUED)

Meeting Management Council

Conference Arrangements Committee Ronald Tiberi
Exhibits Committee Paul Casey
Program Committee Amy Anderson George
Registration Committee Meg Tabacsko

Communications Council

Journal Committee Alexandra Greenfield
Public Awareness Committee Denise Descheneau
Website Committee* Renie Jesanis
Youth Education Committee Leonard Young

Treatment, Systems Operations, & Management Council

Asset Management Committee Daniel Roop
Energy Committee Sharon Nall
Laboratory Practices Committee Walter Palm
Contaminants of Emerging
Concern Committee Rachel Watson
Operations Challenge Committee Travis Peaslee
Plant Operations Committee Thomas Hazlett
Residuals Management Committee Natalie Sierra
Small Community Committee Kurt Mailman
Utility Management Committee Gary Zrelak

Collection Systems/Water Resource Council

Collection Systems Certification Committee Gregory Kidd
Collection Systems Committee Peter Garvey
CSO/Wet Weather Issues Committee Steven Perdios
Industrial Wastewater Committee Sarah White
Stormwater Committee Angela Blanchette
Sustainability Committee Courtney Eaton
Water Reuse Committee Robert Scott
Watershed Management Committee Jennifer Johnson

Outreach Council

Government Affairs Committee Robert Fischer
Humanitarian Assistance and
Grants Committee Marina Fernandes
Membership Committee Peter Frick
Safety Committee David Wright
Scholarships Committee Nicholas Valinski
Student Activities Committee Nicholas Tooker
Water for People Committee Renie Jesanis
Young Professionals Committee Colin O'Brien

* Ad hoc

LESS IS MORE



sealless
glandless
oilless
less friction
less stress



Less Wear = Longer Life

Up to 10 times longer run time and up to 70% less maintenance than rotary positive displacement pumps.

Thanks to the "non-captive", free disc design of PVP Double Disc Pumps™, friction is minimized, repairs are reduced and clogs are almost non-existent.

Learn how to get more from your pump at PennValleyPump.com
800-311-3311

REPRESENTED BY:



New England
Environmental
Equipment, Inc.

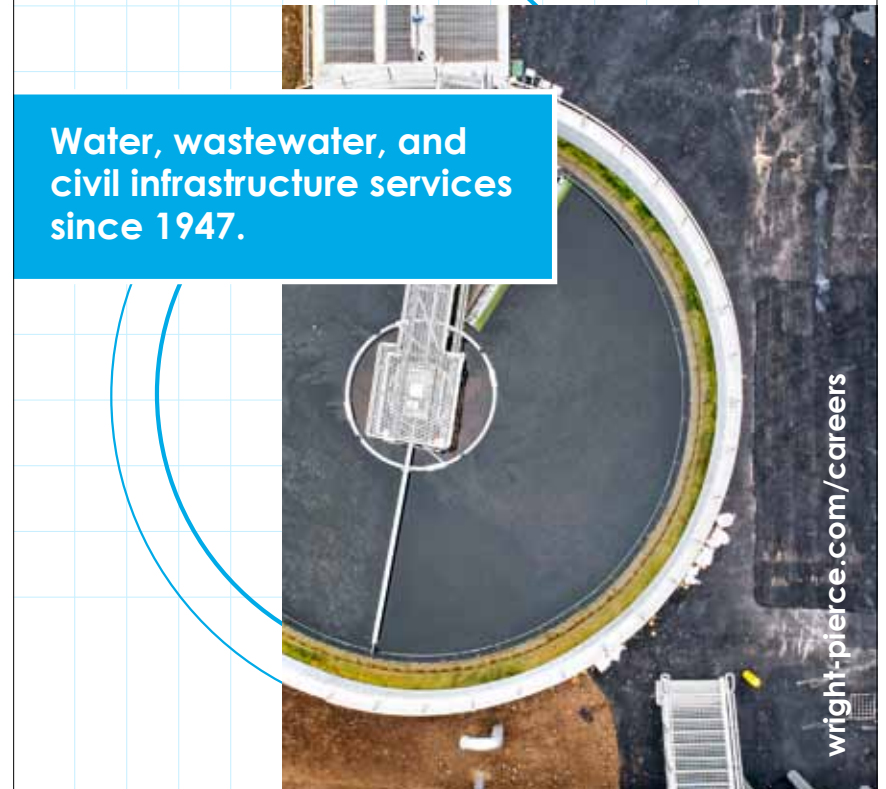
www.ne3inc.com
781-275-1001



WRIGHT-PIERCE 
Engineering a Better Environment



Water, wastewater, and
civil infrastructure services
since 1947.



wright-pierce.com/careers

Dear Members and Friends,

We have exciting news of positive change within NEWEA. After many months of planning and discussion, our NEWEA Executive Committee and the Northeast Water Innovation Network's (NEWIN) Board of Directors have voted to approve a merger between our two organizations.

Following some organizational planning in the fourth quarter and a final approval vote at our January 2020 Annual Conference, NEWIN will merge to become the brand-new Innovation Council within NEWEA. This council will be led by Marianne Langridge (MacDonald) and consist of members of the NEWEA Innovation Task Force and NEWIN Board of Directors, as well as others. As the Council grows, we plan to establish dedicated committees focused in the pursuit of water innovation, and we will be announcing Innovation Partnerships for all types of organizations to participate in exciting and impactful water innovation opportunities.

We're very excited for this new phase of our history and the opportunities the merger will provide. Existing NEWIN members will gain the benefits of NEWEA and WEF membership and the opportunity to leverage NEWEA's industry experience, while existing NEWEA members will gain access to a network of innovators and events with a focus on enhancing innovation in the water sector. We will be leading the region through further development of the New England Water Cluster.

For more details on this merger, please visit our site to read our full statement, and please contact myself or Marianne with any questions or for additional information. As always, we'd like to thank you for your continued support of NEWEA and NEWIN. We look forward to maintaining and growing our commitment to water quality and innovation.

Sincerely,
Mary Barry
Executive Director
New England Water
Environment Association



Flow Monitoring Sensors, Services & Data Loggers For Collection Systems and Treatment Plants

FL1500/FL900 Stationary & Portable Loggers

Hach® offers flow loggers and flow sensors for virtually every flow measurement application. Ask a Hach Flow expert which logger best fits your application so that you can have more confidence in your data.



FSDATA Online Data Manager

The powerful, but user-friendly, web-based FSDATA Online Data Manager software provides 24/7 access to your flow data and flow meters — dramatically reducing maintenance costs and lost data, and supplied free with all flow loggers.



Hach Data Delivery Services (DDS)

For those who want good flow data but not the challenges and risk associated with managing labor; purchasing, installing & maintaining equipment; and organizing data — we offer a new generation of flow monitoring services: Hach DDS. You'll have accurate flow data in your hands without any of the hassles of meter ownership. Lease and rental options available.



www.hach.com/flow

Your local representative:
JWB Company
www.jwbcompany.net



Offices in Connecticut, Massachusetts, Rhode Island & Maine
Your New England Flow Expert
Contact: James Birkenberger
(203) 879-6959
jamie@jwbcompany.net





TATA & HOWARD

Unsurpassed Solutions
in the Water Environment

WASTEWATER | WATER | STORMWATER



NEWEA invites the submission of abstracts
for presentations for the upcoming
2020 Spring Meeting & Exhibit.

Visit springmeeting.newea.org and click
Submit an abstract to complete the
on-line abstract submittal form.

**WATER FOR LIFE
ADVOCATE. ACT.
BE THE CHANGE.**

Call for presentations and papers

Abstract submission deadline is February 14, 2020

NEWEA 2020 Spring Meeting & Exhibit

May 31–June 3, 2020 • Lake Morey Resort, Fairlee, Vermont



STATION CONTROLLER SC2000

Easy To Use!

**Proudly Made
in the USA**

**3 year
Warranty**

**DNP3 Protocol
Advantages:**

- Time stamping of events
- Supports "Report by Exception"
- Database event data during a loss of communication
- Allows cellular communication savings due to abbreviated data transmission
- Provides a more complete view of event data compared with Modbus
- The SC2000 continues to support Modbus RTU serial communication and Modbus TCP over Ethernet.
- Must order the SC2000 with the Ethernet option to use DNP3 Protocol.

PLEASE CONTACT YOUR FACTORY REP
OR AUTHORIZED DISTRIBUTOR

web • www.mpelectronics.com

tel • 407 • 299 • 3825

NEW ENGLAND WATER ENVIRONMENT ASSOCIATION 2020 SPONSOR, ADVERTISER, DONOR PROGRAMS NOW ENROLLING

Sign up online at
newea.org/join-us
or pick up the
applications at the
NEWEA booth

**MAKE 2020
THE YEAR
YOU JOIN US**



**CDM
Smith®**



**listen.
think.
deliver.**



Since 1947 our engineers and
constructors have provided
exceptional service in the water,
environment, transportation,
energy, and facilities industries.
We look forward to partnering with
you for another 70 years.

Boston, MA, 617-452-6000
Chelmsford, MA, 978-250-6727
East Hartford, CT, 860-529-7615
Manchester, NH, 603-222-8300
Providence, RI, 401-751-5360

cdmsmith.com



New England Water Environment
Association Presents:

Inspiring the Water Revolution...

NEWEA 2020 Annual Conference & Exhibit

January 26–29, 2020

Boston Marriott Copley Place, Boston, MA

Conference Events

Sunday, January 26

Young Professionals Summit	10:00 AM–5:00 PM
New Committee Chair Orientation (Vineyard/Yarmouth).....	10:30–Noon
Executive Committee Meeting (Salon D-C-B-A)	Noon–3:30 PM
Registration (4th Floor).....	Noon–4:00 PM
Exhibit Hall Set-Up	Noon–6:00 PM

Monday, January 27

Registration (4th Floor).....	7:00 AM–6:00 PM
Speakers' Breakfast (Hyannis).....	7:30–8:30 AM
Coffee and Continental Breakfast (3rd Floor Atrium)	7:30–9:00 AM
Young Professionals Lounge (Vineyard/Yarmouth).....	7:30–9:00 AM
The YP Committee will be hosting a Young Professionals Lounge Colin O'Brien, Brown and Caldwell	
NEWEA Annual Business Meeting (Falmouth).....	8:00–8:30 AM
Welcome and Opening Remarks: Raymond Vermette, NEWEA President/City of Dover, NH Presentation and vote on 2020 Slate of NEWEA Officers. <i>See description on page 46</i>	
Technical Sessions 1–5	8:30–10:30 AM
See descriptions beginning on page 16	
Exhibit Hall Grand Opening	10:30 AM
Paul P. Casey, Exhibits Committee Chair; Raymond Vermette, NEWEA President Grand Opening will take place at the main entrances of both the 3rd and 4th floor exhibit areas.	

Monday, January 27 continued

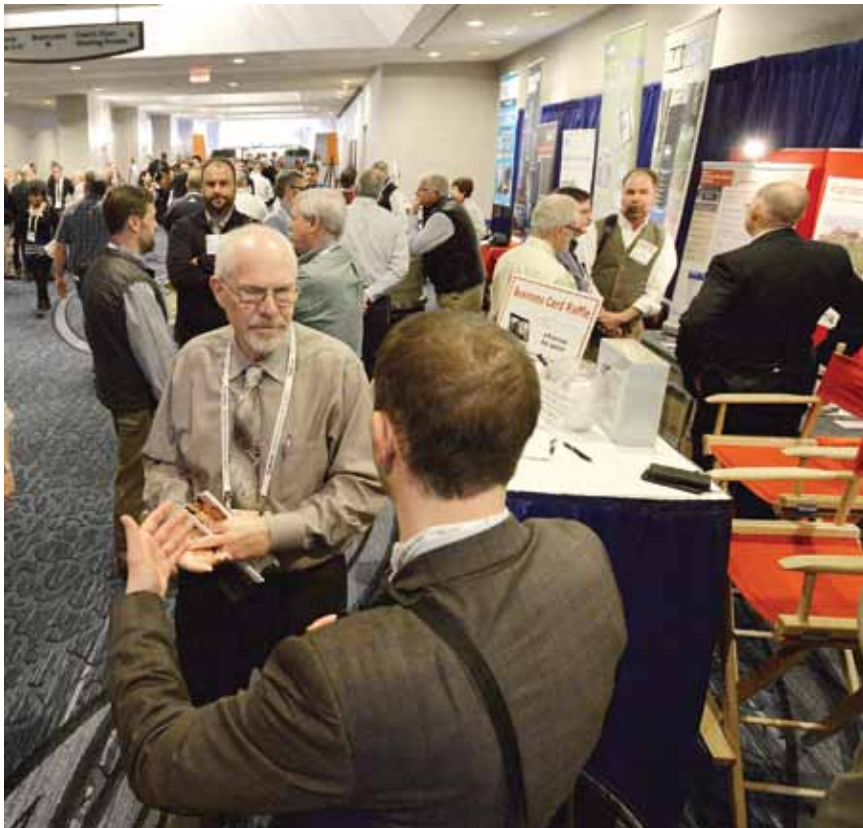
Exhibits (3rd and 4th Floor Exhibit Areas)	10:30 AM–6:30 PM
Please note that the 3rd and 4th floor exhibit areas are connected by a stairwell in the back of exhibit hall. See page 50 for list of exhibitors.	
Opening Session (Salon E).....	11:00 AM
Select Society of Sanitary Sludge Shovelers' Lunch	Noon–2:00 PM
by invitation – Charles Tyler, Influent Integrator (Dartmouth/Exeter)	
Technical Sessions 6–11	2:00–4:30 PM
See descriptions beginning on page 19	
Exhibit Hall Break	3:00–3:30 PM
Exhibit Hall Reception (3rd Floor Exhibit Area)	4:30–6:30 PM

Tuesday, January 28

Registration (4th Floor).....	7:00 AM–6:00 PM
Speakers' Breakfast (Hyannis).....	7:30–8:30 AM
NEWEA Presidents' Breakfast	8:00–9:00 AM
by invitation	
Innovation Pavilion (3rd Floor Atrium)	8:00 AM–4:00 PM
See description on page 34	
Exhibits	8:00 AM–6:00 PM
3rd and 4th Floor Exhibit Areas	
Technical Sessions 12–17	9:00–11:30 AM
See descriptions beginning on page 22	
College Student Poster Board Competition	9:00 AM–4:00 PM
Coordinator: Thomas Groves, NEIWPCC	
Session with authors	11:30 AM–12:30 PM
Exhibit Hall Break	10:00–10:30 AM
Operator's Reception	Noon–1:30 PM
Sponsored by: Connecticut Water Pollution Abatement Association Connecticut Water Pollution Control 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	
Technical Sessions 18–23	1:30–4:00 PM
See descriptions beginning on page 26	
Exhibit Hall Break	2:30–3:00 PM
Student Award Reception (3rd Floor Atrium).....	3:15–4:00 PM
Exhibit Hall Reception (4th Floor Exhibit Area)	4:00–6:00 PM

Wednesday, January 29

Registration – 4th Floor	7:30 AM–2:00 PM
Speakers' Breakfast (Vineyard/Yarmouth)	7:30–8:30 AM
Exhibits	8:00 AM–1:00 PM
3rd and 4th Floor Exhibit Areas	
Technical Sessions 24–28	8:30–11:00 AM
See descriptions beginning on page 29	
Exhibit Hall Break	9:30–10:00 AM
NEWEA Awards Ceremony and Lunch (Salon E)	11:00 AM–1:00 PM
(ticket required)	
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.	
Technical Sessions 29–32	1:00–3:00 PM
See descriptions beginning on page 32	
Adjourn	3:00 PM



Opening Session

Welcome:

Amy Anderson George, NEWEA Program Chair
Arcadis

Raymond Vermette, NEWEA President

Community Services Department, City of Dover, NH

Lynn Broaddus, WEF President-Elect

Broadview Collaborative, Inc.

Keynote Speaker:

Kit Krugman, Organization & Culture Design
at co:collective

Kit Krugman is the Head of Organization & Culture Design at co:collective, a creative and strategic transformation consultancy.

Kit has spent 10+ years of experience designing, managing, and growing teams at creative organizations. She has worked on Future of Talent/Future of Work projects for clients like IBM, LinkedIn, and Microsoft and designed organizational change initiatives for diverse communities including schools, design firms, and publishing companies.

In addition to her role at co:, Kit is the Global Executive Director of WIN: Women in Innovation—a global nonprofit dedicated to closing the gender gap in innovation by providing concrete learning and resources to women innovators.

Kit is deeply committed to building more inclusive communities and organizations. She has been published in INC, Fast Company, and the Huffington Post and spoken at DisruptHR, Talent2030, and Adobe's 99U on numerous topics including women in leadership, new organizational models and building a culture of inclusion and innovation.

In addition to her subject matter expertise in organizational psychology and change leadership via a M.A. from Columbia University, Kit brings a deep understanding of narrative and design theory from her B.A. in Literature and Studio Art from Yale. Kit began her career as a K-12 art teacher and is a certified yoga teacher.

MONDAY, JANUARY 27

11:00 AM

Moderator:

Amy Anderson George,
NEWEA Program Chair,
Arcadis

Salon E



Kit Krugman

Sessions 1–5
Monday
8:30–10:30 AM

Session 1

Asset Management 1: Case Studies and Tools

Moderators:

Dan Capano,
Gannett Fleming
John Sykora,
Weston & Sampson

Suffolk

Session 2

Collection System 1: Modeling/I/I

Moderators:

Peter Garvey,
Dewberry
Ryan Wingard,
Wright-Pierce

Provincetown

Technical Sessions

3D GIS and Asset Management

Zachary Jaffe, LandTech Consultants
Andrea Taveres, LandTech Consultants
Chris Lorain, LandTech Consultants

Asset Management in the Granite State— a Case Study in Keene, NH

Matthew Manchisi, Hazen and Sawyer
Charles Wilson, Hazen and Sawyer
Don Lussier, City of Keene, NH

Are there Benefits to Cloud Assets Managements and IoT?

Ken Nolan, Watts Water Technologies
Ian Baynes, Watts Water Technologies

Development of an Asset Management Roadmap Propelled by Work Team Initiatives

Len Sekuler, Arcadis
Sowmya Bhimanadhuni, Arcadis
Alton Echols, Loudoun Water, VA
Jessica Dzara, Loudoun Water, VA

O&M Optimization via a Living Hydraulic Model

Brian Brown, CDM Smith
Laurie Kellendorfer, CDM Smith
Jason Waterbury, The Metropolitan District
Commission

Physical Hydraulic Modeling a Tool for Pumping System Design and Optimization

Paul Moulton, AECOM

All Over Over-Unders! Addressing I/I, Water Quality, and CSO Abatement with an Over/Under Manhole Program

Shawn Syde, City of New Bedford, MA
Jamie Ponte, City of New Bedford, MA
Jesse Herman, CDM Smith
Karilyn Heisen, CDM Smith

Strategic Meter Migration Leads to Accelerated Solutions in Dover

Eliza Morrison, Wright-Pierce
Bill Boulanger, City of Dover, NH

Monday
8:30–10:30 AM

Session 3

Stormwater 1: Tools of the Stormwater Trade

Moderators:

Patrick Gordon,
StormTrap
Angela Blanchette,
Town of Scarborough, ME

Salon A/B

Session 4

Contaminants of Emerging Concern: Monitoring and Treating PFAS, Pharmaceuticals, and PCPs

Moderators:

Brendan Curran,
Stantec
John Ross,
Brown and Caldwell

Salon C/D

Technical Sessions 1–5

Targeting and Prioritizing Stormwater Master Planning Projects in Vermont

Kerrie Garvey, Watershed Consulting Associates

Everything Counts—Expanding the Realm of Stormwater Treatment Credits

Theresa McGovern, VHB
Cambria Ung, VHB
Alisa Richardson, RIDOT

Implementing Opti-Tool—Benefits, Complications, and Considerations for Putting this Technology into Action

Hernan Peralta, Woodard & Curran
Carly Quinn, Woodard & Curran

Utilizing the Massachusetts MVP Grant Program to Address Precipitation-based Vulnerabilities to Climate Change

Jennifer Zoppo, Stantec
Haleemah Qureshi, City of Somerville, MA

Repelling the Repellent—PFAS Considerations for Water and Wastewater Utilities

Christopher Curran, AECOM
Rhonda Pogodzienski, AECOM
Dr. Yujung Chang, AECOM

The Fate and Removal of Pharmaceuticals and Personal Care Products within Wastewater Treatment Facilities Discharging Upstream from the Great Bay Estuary

Alexandria Hidrovo, University of New Hampshire
Jenna Luek, University of New Hampshire
James Malley, Jr., University of New Hampshire
Paula Mouser, University of New Hampshire

Exploring Pharmaceutical Biotransformation by Denitrifiers

Amy Hunter, Tufts University
Dr. C. Andrew Ramsburg, Tufts University

Distribution of Per- and Polyfluorinated Alkyl Substances (PFAS) in Wastewater Treatment Plants

Elham Tavasoli, University of New Hampshire
Scott Greenwood, University of New Hampshire
James Malley, Jr., University of New Hampshire
Paula Mouser, University of New Hampshire

Monday
8:30–10:30 AM

Session 5

Small Community: Potpourri

Moderators:

Ian Catlow,
Tighe & Bond
Meghan Trahan,
Woodard & Curran

Simmons

Technical Sessions 1–5

Wastewater Headworks Screening for Smaller Installations

Joe Clark, JWC Environmental
Kevin Bates, JWC Environmental

Pilot Test of Nutrient Removal by Large-scale Drip Dispersal of Tertiary Treated Effluent, Southern Vermont

Craig Heindel, Waite-Heindel Environmental
Management

Paying for Large Projects in Small Communities— Templeton's Replacement of its Main Wastewater Pump Station

David Peterson, Kleinfelder
Judy Arnobit, Kleinfelder
Mark Thompson, Kleinfelder

Non-destructive Investigation and Proactive Hydrogen Sulfide Corrosion Rehabilitation of Collection System Infrastructure— Uxbridge, MA Case Study

Anastasia Rudenko, GHD
Sara Greenberg, GHD
Benn Sherman, Town of Uxbridge, MA
James Legg, Town of Uxbridge, MA



Sessions 6 – 11
Monday
2:00–4:30 PM

Session 6

Government Affairs: GAC Regulators Roundtable

Moderators:

Bob Fischer,
City of South Burlington, VT
Matt Formica,
AECOM

Provincetown

Session 7

CSO/Wet Weather 1: Long-term CSO Control Plans—Creating or Assessing

Moderators:

Steven Perdios,
Dewberry
Jeff Cantwell,
Flow Assessment Services

Salon A/B

Technical Sessions

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 include:

Thomas O'Donovan, NH DES
Emily Boedecker, VT DEC
Angelo Liberti, RI DEM
Brian Kavanah, ME DEP
Susannah King, MassDEP
Rowland Denny, CT DEEP

A City with a Plan is a City with a Vision. Developing the City-Wide Sewer Separation Master Plan in Chelsea, MA

David Bedoya, Dewberry
Lou Mammolette, City of Chelsea, MA

Swimming in Data—Collaboration to Collect, Review, and Effectively Use Data

Erika Casarano, AECOM
Sharon Tsay, AECOM
Evelyn Grainger, AECOM
Jeremy Hall, Massachusetts Water Resources
Authority

Applications of Smart Data Infrastructure for Wet Weather Control and Decision Support

Tony Omobono, Tetra Tech
Diana Qing Tao, Tetra Tech

Your CSO Long-Term Control Plan is Constructed... What Happens Next?

Charles Wilson, Hazen and Sawyer

Exhibit Hall Break
3:00–3:30 PM

Monday
2:00–4:30 PM

Session 8

Plant Operations 1: Data/Instrumentation

Moderators:

Tom Hazlett,
Woodard & Curran
Varun Srinivasan,
Brown and Caldwell

Salon C/D

Technical Sessions 6–11

Making the Most of Online Instrumentation to Improve Process Performance and Reduce Costs at the Westfield, MA WRF

Jeff Gamelli, City of Westfield, MA
Ken Gagnon, City of Westfield, MA

You've Got the Data—Now What? How to Effectively Integrate and Visualize Data to Facilitate Effective Process Control Decisions

Susan Guswa, Woodard & Curran
Alan Fabiano, Woodard & Curran
Bob Amaral, Woodard & Curran
Frank Cavaleri, Woodard & Curran

The Current State of Automation and Controls at New England WRRFs

Nicholas Tooker, University of Massachusetts Amherst
Wenjin Zhang, Northeastern University
Amy Mueller, Northeastern University
Mickey Nowak, Massachusetts Water Environment Association

Enabling Next-Generation Process Automation—Where are the Next Innovations in Sensing and Data Analytics?

Wenjin Zhang, Northeastern University
Amy Mueller, Northeastern University
Nicholas Tooker, University of Massachusetts Amherst

Navigate Through Design Codes and Standards for Biogas Systems

Regina Hanson, Varec Biogas

Innovative Approach to Enhancing Dewaterability of Co-digesting Sludge and High Strength Waste from a Mesophilic Digester

Christopher Muller, Brown and Caldwell
Tim Mills, Brown and Caldwell
Michael Nacrelli, City of Gresham, OR

Innovative Dewatering Approaches to Achieve Lowest Life Cycle Costs

Micah Blate, Hazen and Sawyer

Using Sludge Rheology in Solids Systems Design, Planning, and Operation

Tracy Chouinard, Brown and Caldwell

Session 9

Residuals 1: Operation Issues and Residuals Management

Moderator:

Natalie Sierra,
Brown and Caldwell
Dexter Lefavour,
Tata and Howard

Suffolk

Exhibit Hall Break

3:00–3:30 PM

Monday
2:00–4:30 PM

Session 10

Energy: Multi-Faceted Approach to Energy Optimization

Moderators:

Nick Ellis,
Hazen and Sawyer
Karen Wong,
Tighe & Bond

Simmons

Session 11

Innovation: Advantage, Innovation! New Technologies to Solve Operational Problems

Moderators:

Dave Polcari,
CDM Smith
Miles Moffatt,
Tighe & Bond

Wellesley

Exhibit Hall Break

3:00–3:30 PM

Technical Sessions 6–11

Designing Energy Efficiency and Nitrogen Removal Optimization for a Major WPCF Upgrade in Southington, CT

Cynthia Castellon, Tighe & Bond
Chris Bone, Tighe & Bond

Zero Net Energy Pumping Station Using On-site Water Source for Geothermal Heating and Cooling

Tom Renaud, Massachusetts Water Resources Authority
Mike Bartley, Stantec

Revenue through Energy Savings and Generation

Alex Rozen, JKMuir
Jen Muir, JKMuir
Molly Keleher, JKMuir

A Multi-Sector Approach to Optimize Process Efficiency and Reduce Operating Costs at the Upper Blackstone

Edris Taher, Upper Blackstone Clean Water
Karla Sangrey, Upper Blackstone Clean Water
Timothy Loftus, Upper Blackstone Clean Water

Pushing Process Intensification Limits for Biological Nitrogen Removal using Gel Entrapment Technology

Dr. Carla Cherchi, Stantec
Kellogg Schwab, JHU
Shu Tsuda, Hitachi

Improved BNR Performance Through Selective Sludge Wasting

Daniel Dair, World Water Works
Kristen Tucker, World Water Works
Jason Boyd, World Water Works
Chandler Johnson, World Water Works

First of its Kind Treated Effluent Discharge Saves City Over \$5M

Robert Polys, Woodard & Curran
Maxwell Kenney, Woodard & Curran

Leaving Obsolescence Behind! A Case Study of Innovative Design/Build SCADA Upgrades

Akshaya Selvaraj, Arcadis
Zeeshan Amin, Arcadis
Edward Kowalski, Arcadis
Vanessa McPherson, Arcadis

Sessions 12–17
Tuesday
9:00–11:30 AM

Session 12

Collection System 2: Pumping

Moderators:

Scott Lander, Retain-It
Mike Armes, ADS Environmental Services-Idex

Salon C/D

Session 13

Energy/Residuals Joint: Energy Optimization for Selected Processes

Moderators:

Tracy Chouinard, Brown and Caldwell
Sharon Nall, NHDES

Provincetown

Exhibit Hall Break
10:00–10:30 AM

Technical Sessions

Alone on an Island—Designing a Pump Station with Resiliency in Mind and Facing the Storm of the Century During Construction
Kevin Raftery, Hazen and Sawyer

When There is No Where to Go But Up
Gary Simard, AECOM
Richard Feminella, Town of Greenwich, CT

Dealing with Both Peaks and Valleys—Pump Station Upgrade Design
John Scheri, Mott MacDonald
Kevin O'Brien Mott MacDonald
Ernie DeGraw, Two Bridges Sewerage Authority

Taking a Global Look—City-wide Pump Station Assessment for Portsmouth, NH
Michael Theriault, Wright-Pierce
Terry Desmarais, City of Portsmouth, NH

Biogas Utilization for Small Utilities—Small Utilities Can Dream Big Too
Bryan Lisk, Hazen and Sawyer
Micah Blate, Hazen and Sawyer

No Digester, No Problem—CHP May Still be a Viable Option for Your Wastewater Treatment Facility
Matthew Ribeiro, AECOM
Alan Taubert, Jr. South Essex Sewerage District
David Michelsen, South Essex Sewerage District
Peter Pommersheim, South Essex Sewerage District

Evaluating Thermal Drying—Energy and Economics
John Ross, Brown and Caldwell

Asset Replacement to Improve Energy Efficiency and Achieve Net Zero Energy Goals
Colin O'Brien, Brown and Caldwell
Christopher Muller, Brown and Caldwell
William Rehkop, Derry Township Municipal Authority
Wayne Schutz, Derry Township Municipal Authority

Tuesday
9:00–11:30 AM

Session 14

Operator Ingenuity: Wastewater Treatment Facilities Throughout New England—A Virtual Tour from the Operator's Perspective

Moderators:

Helen Gordon, Environmental Partners Group
Erik Meserve, AECOM

Suffolk

Session 15

Plant Operations 2: Emerging Issues

Moderators:

John Adie, NHDES
Pam Westgate, Kleinfelder

Salon A/B

Exhibit Hall Break
10:00–10:30 AM

Technical Sessions 12–17

Take a virtual tour of wastewater treatment facilities in all six New England states. Hear from the perspectives of operators across New England as they describe their facilities, provide insight on their operational successes and challenges, and share the experiences amongst the other fellow operators.

Panelists include:

Frank Russo, City of Meriden, CT
Mike Harris, City of Ellsworth, ME
David Ford, Town of Wolfeboro, NH
Kevin Gardner, Quonset Point Development, WWTF, RI
Jeffrey Murawski, City of Fitchburg, MA

Reading the Tea Leaves—the Future of PFAS Treatment in Wastewater?

Rob Little, Woodard & Curran
Lisa Campe, Woodard & Curran
Susan Guswa, Woodard & Curran
Dan Bryant, Woodard & Curran

Optimizing Capacity at a Hybrid Rotating Biological Contactor Plant—Where Do We Stand and Where Do We Invest Next to Get the Capacity We Need?

Frederick Mueller, Tighe & Bond
Cynthia Castellon, Tighe & Bond
Peter Boria, Town of Charlton, MA

Side-stream Enhanced Biological Phosphorus Removal (S2EBPR)—a Comparison of Performance and Microbial Ecology with Conventional EBPR

Varun Srinivasan, Brown and Caldwell
Annalisa Onnis-Hayden, Northeastern University
Nicholas Tooker, University of Massachusetts Amherst
April Gu, Cornell University

Review of Pilot Studies to Remove Zinc at the Sturbridge Wastewater Treatment Facility

Austin Weidner, Tighe & Bond
Ian Catlow, Tighe & Bond

Tuesday
9:00–11:30 AM

Technical Sessions 12–17

Session 16

Stormwater 2: Panel Discussion— Alternative Strategies for Managing Nutrients in Stormwater

Moderators:

Zach Henderson,
Woodard & Curran
Kate Edwards,
Arcadis

Wellesley

This two-hour session will include a description of alternative approaches to managing nutrients in stormwater. The session will be broken into two consecutive moderated panel discussions with each of the presenters providing insights on nutrient management innovations, challenges, and opportunities. The panel will be moderated with the intention of engaging the audience in active dialogue on the topic areas. The first hour will include a short introduction to current regulatory requirements on nutrients in the MA/NH MS4 General Permit followed by presentations by each of the panelists to describe their innovative efforts, programs, policies or structural controls.

Each panelist will have 10–15 minutes to present their topic. After a short break, the conversation will continue with a second facilitated panel of the same experts interacting with the moderator and the audience on the presented alternatives, MA/ NH MS4 General Permit credit policy and TMDL Wasteload allocations. The nutrient-related regulatory requirements in the new MS4 permit in NH/MA are particularly challenging for permittees and we will use perspectives from across the country on alternatives that would allow permittees to more effectively and efficiently meet clean water goals.

Panelists include:

Doug Howie, Washington State Department of Ecology—Emerging Stormwater Treatment Technology Testing Program: Structural Controls
Tom Schueler, Chesapeake Stormwater Network—Streambank Stabilization and Restoration
Jamie Houle, University of New Hampshire Stormwater Center—Riparian Buffers
Jason Sorenson, United States Geological Survey—Street Solids and Leaf Litter

Exhibit Hall Break

10:00–10:30 AM

Tuesday
9:00–11:30 AM

Technical Sessions 12–17

Session 17

Water Reuse: Planning, Permitting, Technology and Trials

Moderators:

Robert Scott,
Woodard & Curran
Meredith Zona,
Stantec

Simmons

Applicability of WERF's Risk Based Framework for Permitting Decentralized Non-Potable Water Systems in New England

Bruce Douglas, Natural Systems Utilities
Ed Clerico, Natural Systems Utilities
Zach Gallagher, Natural Systems Utilities
Adam Stern, Natural Systems Utilities

Full-Scale Loading Test at the MFN Regional Wastewater District Infiltration Basins for Assessing Maximum Capacity

Kathryn Swanson, CDM Smith
Buvana Ramaswamy, CDM Smith
Christopher Rositer, MFN Regional Wastewater District

Rare Earth Technology in Wastewater Treatment

Logan Wherry, Neo Water Treatment

Considerations for Water Reuse— Incorporating Water Reuse into Integrated Planning

Troy Walker, Hazen and Sawyer



Exhibit Hall Break

10:00–10:30 AM

Sessions 18 – 23
Tuesday
1:30–4:00 PM

Session 18

Collection System 3: CMOM/Asset Management

Moderators:

Matt Corbin,
Wright-Pierce
Brad Hayes,
Woodard & Curran

Salon A/B

Session 19

Industrial Wastewater Treatment: Chemistry Advances Improve Treatment Technologies and Processes

Moderators:

Darrell Interest,
LabCentral
Matthew Dickson,
MGD Process Technology

Wellesley

Exhibit Hall Break
2:30–3:00 PM

Technical Sessions

Ten Years of CMOMs—Lessons Learned and Future Plans

Fred McNeill, City of Manchester, NH/EPD
Jeremy Bouvier, City of Manchester, NH/EPD

Holistic Approach to Collection System Asset Management in Barnstable, MA

Ryan Bodnaruk, Wright-Pierce
Eric Lemoi, Wright-Pierce
Marc Moccio, Wright-Pierce
Andrew Boule, Town of Barnstable, MA

Beyond the Report—Integrating a Town-wide SSES Study with a District LTCP and CMOM Program

Katelyn Biedron, CDM Smith
John Harper, CDM Smith
Joshua MacCulloch, The Metropolitan District
Commission

CMOM—the Scary Sounding Acronym— Why Do I Need It? How do I implement It? and Tools, Tricks and Guidance to Make It Work for You

Daniel Kramer, Hazen and Sawyer
Sean Fitzgerald, Hazen and Sawyer

Temporal Toxicity in Hydraulic Fracturing Wastewater from Black Shale Natural Gas Wells in the Appalachian Basin

Mina Aghababaei, University of New Hampshire
Jenna Luek, University of New Hampshire
Paula Mouser, University of New Hampshire

Putting Out Your Treatment Fires—PFAS Treatment of Water & Wastewater

John Civardi, Mott MacDonald

Industrial Wastewater Treatment Using Polyamides for Removal of Heavy Metals

Mohamed Hamoda, Kuwait University

Applying Multi-Omics Tools to Guide New Treatment Processes: Anaerobic Conversion of Industrial Wastes to Valuable Chemicals

Matthew Scarborough, University of Vermont

Tuesday
1:30–4:00 PM

Session 20

Plant Operations 3: Wet Weather/Upgrades

Moderators:

Ben Levesque,
Tighe & Bond
Ben Levin,
Hazen and Sawyer

Salon C/D

Session 21

Residuals 2: Regulatory Issues and Other Hot Topics

Moderators:

Eric Spargimino,
CDM Smith
Deborah Mahoney

Simmons

Exhibit Hall Break
2:30–3:00 PM

Technical Sessions 18–23

**Process Control Collaboration to Balance
Nitrogen Removal with Treating CSO Flows**
Paul Dombrowski, Woodard & Curran
Marc Pariseault, Narragansett Bay Commission
TJ Harrington, Narragansett Bay Commission

Phased Implementation and Startup of the Exeter WWTF Upgrades

Edward Leonard, Wright-Pierce
Steve Dalton, Town of Exeter, NH

Multi-phase Improvements to Address Peak Wet Weather Flows and Nutrient Limits at the Fitchburg Easterly WWTF

Jeffrey Pinnette, Wright-Pierce
Ben Stiles, Wright-Pierce
Jeffrey Murawski, City of Fitchburg, MA
Mark McNamara, City of Fitchburg, MA

Retaining and Maintaining—Tips and Tricks for Retaining Biomass and Maintaining Permit Compliance During High-Weather Events

Edris Taher, Upper Blackstone Clean Water
Karla Sangrey, Upper Blackstone Clean Water
Timothy Loftus, Upper Blackstone Clean Water

Responding to the Maine DEP's Biosolids Utilization Memorandum

Jeff McBurnie, Casella Organics

How Much Digestion Volume Do You Really Need for a THP Facility?

Matthew Van Horne, Hazen and Sawyer
Joe Uglevich, Stantec
Kevin Selock, WSSC
Andy Seaton, PC Construction

A Dose of Chaos—A Snapshot of the Current Biosolids Market and How PFAS Could Disrupt It

Tom Schwartz, Woodard & Curran
Jay Sheehan, Woodard & Curran

Manchester's SSI Compliance Project

Robert Robinson, City of Manchester, NH/EPD
Gillian Wood, Woodard & Curran

Tuesday
1:30–4:00 PM

Session 22

Safety Forum

Moderators:

David Wright,
Weston & Sampson
David Horowitz,
Tighe & Bond

Provincetown

Session 23

Watershed Management: New Tools and Technology for a Changing World

Moderators:

Steve Wolosoff,
CDM Smith
Sara Greenberg,
GHD

Suffolk

Technical Sessions 18–23

Most Challenging Safety Programs for Drinking Water and Clean Water Treatment Plant Operators

David Horowitz, Tighe & Bond

Fall Protection—What's the Big Deal?

David Wright, Weston & Sampson

A One-hour Discussion on the Industry's Most Relevant Safety Issues

Leveraging State of the Science Tools to Identify Bacteria and Nutrient Sources in Urban Waters

Jared Ervin, Geosyntec Consultants
Adam Questad, Geosyntec Consultants
Brandon Steets, Geosyntec Consultants

Taunton Estuary Update—Proactive Program Triggers Reassessment of TN Controls Needed to Meet Dissolved Oxygen Standards and Narrative Nutrient Criteria

William Hall, Hall & Associates
John Hall, Hall & Associates

A Decision Support Tool to Increase Resilience for the Mouse River Enhanced Flood Protection Project

Laurie Kellendorfer, CDM Smith
Michael Schmidt, CDM Smith
Richard Wagner, CDM Smith

Mitigating Nutrient Impacts on a Stressed Watershed Through a New Ocean Outfall

Anastasia Rudenko, GHD
Marc Drainville, GHD
Kelvin George, GHD
Brandon Gott, GHD
Lenna Quackenbush, GHD

Exhibit Hall Break
2:30–3:00 PM

Sessions 24–28
Wednesday
8:30–11:00 AM

Session 24

Asset Management 2: Panel Discussion— *Show Us the Money!* Funding Opportunities from Asset Management Through Construction

Moderators:

Daniel Roop,
Tighe & Bond
Luis Adorno,
NHDES

Provincetown

Technical Sessions

This two-hour session will showcase funding opportunities throughout New England. The purpose of this panel is to provide a funding forum for attendees to learn from regulators and funding agents about a multitude of programs to support asset management planning projects, state revolving fund construction loans, climate adaptation plans, coastal resilience, water & environment rural development, and more. Panelists will present on their respective programs all the while interacting with the moderators and audience. Discussion is anticipated to ensue throughout the panel on how entities can actually fund, plan for, and implement the improvement and maintenance activities resultant from their asset management planning work.

Panelists include:

Luis Adorno, NHDES – Drinking Water Groundwater Bureau
Sharon Nall, NHDES – Wastewater Engineering Bureau, Water Division
Megan Young, Vermont DEC – Drinking Water Capacity Program Supervisor
Josh Lochhead, Vermont DEC – Drinking Water Capacity Program Specialist
Maria Pinaud, MassDEP Bureau of Water Resources – Acting Director, Municipal Services
Kelly Taylor, MassDEP Division of Municipal Services – State Revolving Fund Project Engineer
George Hicks, CT Department of Environmental Protection – Municipal Wastewater Section
Carolyn Meklenburg, Municipal Vulnerability Preparedness Program Regional Coordinator for Greater Boston – MA Executive Office of Energy and Environmental Affairs
Brandy Piers, Maine DEP – Grants Coordinator
Lyndon Nichols, USDA Rural Development MA Area Director

Exhibit Hall Break
9:30–10:00 AM

Wednesday
8:30–11:00 AM

Session 25

**Sustainability:
Making Positive Gains
Toward Sustainable
Outcomes**

Moderators:

Courtney Eaton,
Kleinfelder
Kara Keleher,
Weston & Sampson

Suffolk

Session 26

**CSO/Wet Weather 2:
Projects Big and Bigger
in CSO**

Moderators:

Peter Frick,
ADS Environmental
Services-Idex
David Goncalves,
Mott MacDonald

Simmons

Technical Sessions 24–28

**Strengthening Water Infrastructure Planning and
Design Outcomes Using Sustainability Concepts
Within the Envision Rating System**

Jacob Cantor, Hazen and Sawyer
Evan Bowles, Hazen and Sawyer
Jorge Acevedo, City of Coral Gables, FL
Lauren Zuravnsky, Hampton Roads Sanitation District

**Protecting the Future Through Sustainable
Planning—Design to Prevent Catastrophic Failure
in a Flood**

Bill Davis, Weston & Sampson

**Rising Above the Storm—Greater New Haven’s
Resilient Pump Stations**

Jay Sheehan, Woodard & Curran
Tom Sgroi, Greater New Haven WPCA

**Green Steps Award Winner—Highlighting
the Sustainability of the Globalcycle Water
Reuse Process**

Kyle Kennedy, Globalcycle, Inc.
Stephen Pozner, Globalcycle, Inc.

**Dip Your Toe into the Water—Alternative Analysis
of Crossing Massachusetts’ Largest River**

Debbie Cheng, Kleinfelder
Gus O’Leary, Kleinfelder

**Hartford Metropolitan District Commission (MDC)
Wet Weather Expansion Project (WWEP) Phase 2—
New 200 MGD Wet Weather Treatment Facilities**

Brian McGuire, Arcadis
Jeff Bowers, The Metropolitan District Commission

**How Bangor, ME Expanded a 20-year old Storage
Facility Threefold Along a Vibrant Waterfront**

Kate Mignone, AECOM
Gregory Heath, AECOM
Andy Rudzinski, City of Bangor, ME
John Theriault, City of Bangor, ME

**Boston Water and Sewer Commission—Real-time
Predictive Modeling for the Dorchester Interceptor**

John Rahill, Kleinfelder
Kenneth Yu, Kleinfelder

Exhibit Hall Break
9:30–10:00 AM

Wednesday
8:30–11:00 AM

Session 27

**Plant Operations 4:
Technologies**

Moderators:

Dave Press,
Tighe & Bond
Phil Forzley,
Fuss & O’Neill

Salon C/D

Session 28

**Stormwater 3:
Green Infrastructure —
Sizing, Implementing
& Maintaining
our Stormwater
Infrastructure**

Moderators:

Maria Rose,
City of Newton, MA
Janelle Bonn,
Woodard & Curran

Salon A/B

Technical Sessions 24–28

**New Options for Slow-Speed Dewatering—
Another Technology in the Engineer’s Toolbox**

Matthew Burns, Wright-Pierce
Bryan Levitt, City of Bath, ME

**New Directions for Side-stream Nutrient Recovery
at Municipal Water Resource Recovery Facilities**

W. Camilla Kuo-Dahab, Brown and Caldwell

**Achieving Nutrient Removal in High-Purity
Oxygen Systems**

William McConnell, CDM Smith

**The Role of Aerobic Granular Sludge in Biological
Nutrient Removal**

Jeffrey Reade, AECOM
Beverly Stinson, AECOM

**Identifying Green Infrastructure Opportunities for
Phosphorus Reduction Within Boston’s MS4**

Benjamin Agrawal, Hazen and Sawyer
Charles Wilson, Hazen and Sawyer
Charlie Jewell, Boston Water and Sewer Commission

**How Provincetown, MA used Porous Pavement
to Reduce Beach Closures and Ended Up With an
Unexpected Benefit**

Marc Drainville, GHD
Russ Kleekamp, GHD
Sandra Tripp, GHD
Richard Waldo, Town of Provincetown, MA

**Downstream Sediment Interception—
a Unique BMP Application**

Peter Enright, WSP

**When Maintenance Drives Design—
Collaboration in Philadelphia and NYC**

Robert Woodman, ACF Environmental

Exhibit Hall Break
9:30–10:00 AM

Sessions 29 – 32
Wednesday
1:00–3:00 PM

Session 29

**Stormwater 4:
Flood Mitigating
Solutions, from
Technology to
Implementation**

Moderators:
Erik Kelley, Environmental
Partners Group
Jeff Cantwell, Flow
Assessment Services

Salon A/B

Session 30

**Collection System 4:
Various Topics**

Moderators:
Ashley Dunn,
City of Framingham, MA
Tom Loto,
AECOM

Salon C/D

Technical Sessions

**Conquering the Great Divide—
Redirecting Stormwater to Reduce Urban
Neighborhood Flooding**

Kate Goyette, Kleinfelder
Jerry Friedman, City of Cambridge, MA
David VanHoven, Stantec

**Mitigating Flood Disaster Through a Renewed
Approach**

Asad Choudry, Xylem

**Identifying Flood Mitigation Solutions for a Small,
Coastal Community Impacted by Sea Level Rise**

Joe Kirby, Woodard & Curran
Colleen Kennedy, Weston & Sampson

**Innovative Solution for Urban Flood Mitigation—
Planning, Monitoring, Control and Forecasting**

Diana Qing Tao, Tetra Tech

**A Tale of Two Cities—How Two Massachusetts I/I
Control Plans Compare City of Leominster, MA and
City of Medford, MA**

Karen Chan, Wright-Pierce
Lindsey Sylvester, Wright-Pierce

**Should You Dig It? Trenchless Technology Saves
Time & Money in Quincy, MA**

Hernan Peralta, Woodard & Curran

**One Way to Get Out of Your NPDES Permit—
Regionalize and Decommission Your Wastewater
Treatment Plant**

Amy Sowitcky, Tighe & Bond
Lori Carriero, Tighe & Bond
Joe Fazzino, City of Middletown, CT

**Engineering Evaluation of Extension of Coventry
Route 44 Sewer Service Area to the Bolton Lakes
Regional WPCA Pressure Sewerage System**

Eric Hess, F.R. Mahony & Associates
Henry Albro, F. R. Mahony & Associates
Brian Curtis, Nathan L. Jacobson & Associates

Wednesday
1:00–3:00 PM

Session 31

**Utility Management:
Leading Utilities into
the Future**

Moderators:
Kevin Garvey,
Wright-Pierce
Don Gallucci,
Weston & Sampson

Provincetown

Session 32

**Youth Education:
Is Stormwater One
Word or Two? Getting
the MS4 Word(s) Out**

Moderators:
Kerry Reed,
City of Framingham, MA
Elena Proakis Ellis,
City of Melrose, MA

Suffolk

Technical Sessions 29–32

**Massachusetts Water Resources Authority Deer
Island Treatment Plant Capital Improvement Plan**
Ethan Wenger, Massachusetts Water Resources
Authority

Projects Approved! Now, How Do We Pay for It?

Rebecca Saucier, Wright-Pierce
Jason Randall, Plymouth Village Water and Sewer District
Don Jutton, Plymouth Village Water and Sewer District

**Understanding the Impact of Brewery Discharges
and Effective Approaches for Consideration**

Michael Borchers, Arcadis
Ben Pearson, City of Portland, ME

**Leveraging Technology to Increase Efficiency and
Welcome the Next Generation of Utility Employees**

Scott Medeiros, Woodard & Curran
Dave Billips, City of Westfield, MA
Francis Cain, City of Westfield, MA

**Outfalls and Outreach—City of Cambridge's
Stormwater Management Program**

Andrew Goldberg, Kleinfelder
Catherine Woodbury, City of Cambridge, MA

**Public Awareness Through Youth Watershed
Education—5th Grade Stormwater Curricula**

Dan Hoag, Worcester Polytechnic Institute
Brendan Chipman, Worcester Polytechnic Institute
Louis Doherty, Worcester Polytechnic Institute
Connor Field, Worcester Polytechnic Institute
Kerry Reed, City of Framingham, MA

Soak Up the Service II—Bioretention in Dover, NH

Kate Roosa, Kleinfelder
Danielle DiRuzza, Massachusetts Water Resources
Authority
Eliza Morrison, Wright-Pierce

**Partnering to Bring Stormwater Education In and
Out of the Classroom**

Meg Tabacsko, Massachusetts Water Resources
Authority
Danielle DiRuzza, Massachusetts Water Resources
Authority
Don Ciaramella, City of Revere, MA
Kori O'Hara, City of Revere, MA

3rd Floor Atrium



Highlighting
leading water-
innovators and
innovations

Innovation Pavilion

The New England Water Environment Association (NEWEA) and the Northeast Water Innovation Network (NEWIN) are excited to announce their Second Annual Water Innovation Pavilion, taking place during the 2020 NEWEA Annual Conference. NEWEA and NEWIN, which will formalize a merger at the Annual Conference to incorporate NEWIN as the Innovation Council within NEWEA, modeled the Innovation Pavilion after a similar forum at the Water Environment Federation's (WEF) Annual Conference.

This event was developed with the goal of building awareness, sharing ideas, and creating connections between businesses, utilities, regulators, and academics to drive innovation in our region. The close proximity of so many cities, utilities, businesses, and innovators who are passionate about water makes the Northeast unique in the water-cluster ecosystem in the United States.

We are pleased to highlight leading water innovations during our full-day program, which will feature panel discussions, Shark Tank pitches from graduate students, and exhibits from some of the most promising water innovators in the region. Come visit the Innovation Pavilion to meet with these innovators and learn about their developments.

Exhibitors

Aclarity
Biobot
Cambrian Innovation
CleanWaterOps
Electro Scan Inc.
LeakSpotter
Pelleton Renewables Inc.
Peroxygen Systems
REA Systems
UMass
Vata Verks Inc.

Thank you to our
sponsors:



SCHEDULE

8:00	Join us for coffee & danish pastries
8:30 – 9:00	Kickoff Conversation—What are the top challenges in IoT innovation adoption?
9:15 – 9:45	Introduction to LIFT for Innovators
10:00 – 10:30	Innovation Opportunities for the Water/Health Nexus
10:45 – 11:15	Pitch Best Practices
12:15 – 1:30	Reverse Pitch Kickoff
2:30 – 3:00	Student Shark Tank
	1. <i>Consideration of 3D-Printed Biofilm Carriers for Wastewater Treatment</i> Bryan Ovelheiro, University of Massachusetts Amherst
	2. <i>Assessment of Activated Ferrate for Wastewater Reuse Applications</i> Charles Spellman Jr., University of Rhode Island
	3. <i>H2gO: The Portable Water Treatment System</i> Isabella Silverman, Alexa Leone, Justin Hayes, Max Bliss—University of Rhode Island
3:15 – 4:00	Student Poster Awards
4:00 – 6:00	Exhibit Hall Reception (4th floor)

Join us as we hear from the Water Innovators of New England at the Innovation Pavilion

on Tuesday, January 28th on the 3rd floor Atrium. The Pavilion will highlight a selection of the most promising water technology businesses while championing an important dialogue about innovation. Come and meet with innovators; learn about their technologies; and listen to discussions on water innovation.

Tuesday
9:00 AM – 4:00 PM

Session with authors
11:30 AM – 12:30 PM

4th Floor

Moderators:

Tom Groves
Annalisa Onnis-Hayden
Nick Tooker

Undergraduate Student Poster Board Competition

**An Eco-Friendly Rechargeable Battery—
Using Zero-Valent Iron to Power A Battery**
Benjamin Page, University of Vermont

Clarifier Hydraulics and Design
Lily Orelup, University of Hartford

**Tidal Flow Constructed Wetland for Water Reuse:
Performance Evaluation and Microbial Population**
Madeline DuBois, Jeff Ling, Louiza Wise, Paul Yi—
Northeastern University

**Hawks Coastal Design: Sowams Road—Soil Bank
Stabilization**
Maeve Drogalis, Vincent Neubert, Ali Abdul Sater,
Ashley Bosse, Adrianna Cecere—Roger Williams
University

**Environmental Analysis of Industrial Cannabis
Production**
Stephanie Salerno, Jacquelyn Valsamis—Worcester
Polytechnic Institute

**Impact of Locally-Sourced Clay on the Bacterial
Removal of Ceramic Water Filters**
Jacob Hunnewell, Zachary Shepard—University of
Rhode Island

Kenya Nguluni Water Supply Project
Abigail Laughlin, Emma Guertin, Alexandra Shea—
University of Massachusetts Amherst

Engineers Without Borders—Ghana Project
Laura Townsend, University of Massachusetts Amherst

**Application of Mycoremediation to Reduce
Escherichia coli in Runoff**
Tijana Cooley, Sofia Garcia-Carlin, Ojaswi Aryal—Smith
College

Organism Diversity in Relation to F:M
Nicole Kibbe, Hailey Kukowski—University of Hartford

Tuesday
9:00 AM – 4:00 PM

Session with authors
11:30 AM – 12:30 PM

3rd Floor

Moderators:

Tom Groves
Annalisa Onnis-Hayden
Nick Tooker

Graduate Student Poster Board Displays

**Pilot-scale Investigation of Water Quality in
Intermittent Water Supply**
Mariam Alkattan, Dr. Emily Kumpel—University of
Massachusetts Amherst

**Tracking Algal Blooms: Does Chlorophyll Tell Us
What We Need to Know?**
McNamara Rome, Ed Beighley, Varshini Reddy—
Northeastern University

**Distribution of Per- and Polyfluorinated Alkyl
Substances (PFAS) in Wastewater Treatment Plants**
Elham Tavasoli; University of New Hampshire

**Influence of floods, tides, and vegetation on
sediment retention in Wax Lake Delta, Louisiana**
Elizabeth Olliver, Indiana University Bloomington

**Electrochemical Advanced Oxidation Processes for
Ammonia Removal in Wastewater Treatment**
Laura Siddon, Bridgette Charlebois—University of
Massachusetts Amherst

**Temporal Toxicity in Hydraulic Fracturing
Wastewater from Black Shale Natural-Gas Wells in
the Appalachian Basin**
Mina Aghababaei, University of New Hampshire

Food Waste in Anaerobic Digestion
Usha Humagain, University of Maine

**Evaluating Opportunities to Increase the
Effectiveness of Permeable Reactive Barriers for
Biological Treatment of Nitrogen**
Veronica Gonsalez, Paul Dombrowski, C. Andrew
Ramsburg—Tufts University

**Evaluating Potassium Ferrate Performance in
Drinking Water Treatment at Pilot Scale: Decreasing
DBPs, Iron, and Manganese**
Nicolas Duenas, University of Massachusetts Amherst

**Physicochemical Implications of Cyanobacteria
Oxidation with Fe(VI)**
Erika L. Addison, Joseph E. Goodwill—University of
Rhode Island

Moderators

SESSION	MODERATOR	AFFILIATION
1.....	Dan Capano	Gannett Fleming
1.....	John Sykora	Weston & Sampson
2.....	Peter Garvey	Dewberry
2.....	Ryan Wingard	Wright-Pierce
3.....	Patrick Gordon.....	Stormtrap
3.....	Angela Blanchette	Town of Scarborough, ME
4.....	Brendan Curran.....	Stantec
4.....	John Ross	Brown and Caldwell
5.....	Ian Catlow	Tighe & Bond
5.....	Meghan Trahan	Woodard & Curran
6.....	Bob Fischer	City of South Burlington, VT
6.....	Matt Formica	AECOM
7.....	Steven Perdios	Dewberry
7.....	Jeff Cantwell	Flow Assessment Services
8.....	Tom Hazlett	Woodard & Curran
8.....	Varun Srinivasan	Brown and Caldwell
9.....	Natalie Sierra	Brown and Caldwell
9.....	Dexter Lefavour.....	Tata and Howard
10.....	Nick Ellis	Hazen and Sawyer
10.....	Karen Wong.....	Tighe & Bond
11.....	Dave Polcari	CDM Smith
11.....	Miles Moffatt.....	Tighe & Bond
12.....	Scott Lander	Retain-it
12.....	Mike Armes	ADS Environmental Services-Idex
13.....	Tracy Chouinard.....	Brown and Caldwell
13.....	Sharon Nall.....	NH DES
14.....	Helen Gordon	Environmental Partners Group
14.....	Erik Meserve	AECOM
15.....	John Adie.....	NH DES
15.....	Pam Westgate.....	Kleinfelder
16.....	Zach Henderson	Woodard & Curran
16.....	Kate Edwards.....	Arcadis
17.....	Robert Scott	Woodard & Curran
17.....	Meredith Zona	Stantec
18.....	Matt Corbin.....	Wright-Pierce
18.....	Brad Hayes.....	Woodard & Curran
19.....	Darrel Interest	Lab Central
19.....	Matthew Dickson	MGD Process Technology
20.....	Ben Levesque.....	Tighe & Bond
20.....	Ben Levin	Hazen and Sawyer
21.....	Eric Spargimino	CDM Smith
21.....	Deborah Mahoney	

SESSION	MODERATOR	AFFILIATION
22.....	David Wright.....	Weston & Sampson
22.....	David Horowitz	Tighe & Bond
23.....	Steve Wolosoff.....	CDM Smith
23.....	Sara Greenberg.....	GHD
24.....	Daniel Roop.....	Tighe & Bond
24.....	Luis Adorno	NH DES
25.....	Courtney Eaton	Kleinfelder
25.....	Kara Keleher.....	Weston & Sampson
26.....	Peter Frick.....	ADS Environmental Services-Idex
26.....	David Goncalves	Mott MacDonald
27.....	Dave Press	Tighe & Bond
27.....	Phil Forzley.....	Fuss & O'Neill
28.....	Maria Rose	City of Newton, MA
28.....	Janelle Bonn	Woodard & Curran
29.....	Erik Kelley	Environmental Partners Group
29.....	Jeff Cantwell	Flow Assessment Services
30.....	Ashley Dunn.....	City of Framingham, MA
30.....	Tom Loto.....	AECOM
31.....	Kevin Garvey.....	Wright-Pierce
31.....	Don Gallucci	Weston & Sampson
32.....	Kerry Reed	City of Framingham, MA
32.....	Elena Proakis Ellis.....	City of Melrose, MA

Presenters

PRESENTER	AFFILIATION	SESSION NO.
Jorge Acevedo.....	City of Coral Gables, FL.....	25
Luis Adorno.....	NH DES.....	24
Mina Aghababaei.....	University of New Hampshire.....	19
Benjamin Agrawal.....	Hazen and Sawyer.....	28
Henry Albro.....	F. R. Mahony & Associates.....	30
Bob Amaral.....	Woodard & Curran.....	8
Zeeshan Amin.....	Arcadis.....	11
Judy Arnobit.....	Kleinfelder.....	5
Mike Bartley.....	Stantec.....	10
Kevin Bates.....	JWC Environmental.....	5
Ian Baynes.....	Watts Water Technologies.....	1
David Bedoya.....	Dewberry.....	7
Sowmya Bhimanadhuni.....	Arcadis.....	1
Katelyn Biedron.....	CDM Smith.....	18
Dave Billips.....	City of Westfield, MA.....	31
Micah Blate.....	Hazen and Sawyer.....	9, 13
Ryan Bodnaruk.....	Wright-Pierce.....	18
Emily Boedecker.....	VT DEC.....	6
Chris Bone.....	Tighe & Bond.....	10
Michael Borchers.....	Arcadis.....	31
Peter Boria.....	Town of Charlton, MA.....	15
Bill Boulanger.....	City of Dover, NH.....	2
Andrew Boule.....	Town of Barnstable, MA.....	18
Jeremy Bouvier.....	City of Manchester - NH/EPD.....	18
Jeff Bowers.....	The Metropolitan District Commission.....	26
Evan Bowles.....	Hazen and Sawyer.....	25
Jason Boyd.....	World Water Works.....	11
Brian Brown.....	CDM Smith.....	2
Dan Bryant.....	Woodard & Curran.....	15
Matthew Burns.....	Wright-Pierce.....	27
Francis Cain.....	City of Westfield, MA.....	31
Lisa Campe.....	Woodard & Curran.....	15
Jacob Cantor.....	Hazen and Sawyer.....	25
Lori Carriero.....	Tighe & Bond.....	30
Erika Casarano.....	AECOM.....	7
Cynthia Castellon.....	Tighe & Bond.....	10, 15
Ian Catlow.....	Tighe & Bond.....	15
Frank Cavaleri.....	Woodard & Curran.....	8
Karen Chan.....	Wright-Pierce.....	30
Yujung Chang.....	AECOM.....	4
Debbie Cheng.....	Kleinfelder.....	26
Carla Cherchi.....	Stantec.....	11

PRESENTER	AFFILIATION	SESSION NO.
Brendan Chipman.....	Worcester Polytechnic Institute.....	32
Asad Choudry.....	Xylem.....	29
Tracy Chouinard.....	Brown and Caldwell.....	9
Don Ciaramella.....	City of Revere, MA.....	32
John Civardi.....	Mott MacDonald.....	19
Joe Clark.....	JWC Environmental.....	5
Ed Clerico.....	Natural Systems Utilities.....	17
Christopher Curran.....	AECOM.....	4
Brian Curtis.....	Nathan L. Jacobson & Associates.....	30
Daniel Dair.....	World Water Works.....	11
Steve Dalton.....	Town of Exeter, NH.....	20
Bill Davis.....	Weston & Sampson.....	25
Ernie DeGraw.....	Two Bridges Sewerage Authority.....	12
Rowland Denny.....	CT DEEP.....	6
Terry Desmarais.....	City of Portsmouth, NH.....	12
Danielle DiRuzza.....	Massachusetts Water Resources Authority.....	32
Louis Doherty.....	Worcester Polytechnic Institute.....	32
Paul Dombrowski.....	Woodard & Curran.....	20
Bruce Douglas.....	Natural Systems Utilities.....	17
Marc Drainville.....	GHD.....	23, 28
Jessica Dzara.....	Loudoun Water, VA.....	1
Alton Echols.....	Loudoun Water, VA.....	1
Peter Enright.....	WSP.....	28
Jared Ervin.....	Geosyntec Consultants.....	23
Alan Fabiano.....	Woodard & Curran.....	8
Joe Fazzino.....	City of Middletown, CT.....	30
Richard Feminella.....	Town of Greenwich, CT.....	12
Connor Field.....	Worcester Polytechnic Institute.....	32
Sean Fitzgerald.....	Hazen and Sawyer.....	18
David Ford.....	Town of Wolfeboro, NH.....	14
Jerry Friedman.....	City of Cambridge, MA.....	29
Ken Gagnon.....	City of Westfield, MA.....	8
Zach Gallagher.....	Natural Systems Utilities.....	17
Jeff Gamelli.....	City of Westfield, MA.....	8
Kevin Gardner.....	Quonset Point Development, WWTF, RI.....	14
Kerrie Garvey.....	Watershed Consulting Associates.....	3
Kelvin George.....	GHD.....	23
Andrew Goldberg.....	Kleinfelder.....	32
Brandon Gott.....	GHD.....	23
Kate Goyette.....	Kleinfelder.....	29
Everlyn Grainger.....	AECOM.....	7
Sara Greenberg.....	GHD.....	5
Scott Greenwood.....	University of New Hampshire.....	4
April Gu.....	Cornell University.....	15
Susan Guswa.....	Woodard & Curran.....	8, 15
Jeremy Hall.....	Massachusetts Water Resources Authority.....	7

PRESENTER	AFFILIATION	SESSION NO.
John Hall.....	Hall & Associates.....	23
William Hall.....	Hall & Associates.....	23
Mohamed Hamoda.....	Kuwait University.....	19
Regina Hanson.....	Varec Biogas.....	9
John Harper.....	CDM Smith.....	18
TJ Harrington.....	Narragansett Bay Commission.....	20
Mike Harris.....	City of Ellsworth, ME.....	14
Gregory Heath.....	AECOM.....	26
Craig Heindel.....	Waite-Heindel Environmental Management.....	5
Karilyn Heisen.....	CDM Smith.....	2
Jesse Herman.....	CDM Smith.....	2
Eric Hess.....	F.R. Mahony & Associates.....	30
George Hicks.....	CT DEEP.....	24
Alexandria Hidrovo.....	University of New Hampshire.....	4
Dan Hoag.....	Worcester Polytechnic Institute.....	32
David Horowitz.....	Tighe & Bond.....	22
Jamie Houle.....	University of New Hampshire Stormwater Center.....	16
Doug Howie.....	Washington State Dept.....	16
Amy Hunter.....	Tufts University.....	4
Zachary Jaffe.....	LandTech Consultants.....	1
Charlie Jewell.....	Boston Water and Sewer Commission.....	28
Chandler Johnson.....	World Water Works.....	11
Don Jutton.....	Plymouth Village Water and Sewer District.....	31
Brian Kavanah.....	ME DEP.....	6
Molly Keleher.....	JKMuir.....	10
Laurie KelIndorfer.....	CDM Smith.....	2, 23
Colleen Kennedy.....	Weston & Sampson.....	29
Kyle Kennedy.....	Globalcycle, Inc.....	25
Maxwell Kenney.....	Woodard & Curran.....	11
Susannah King.....	MassDEP.....	6
Joe Kirby.....	Woodard & Curran.....	29
Russ Kleekamp.....	GHD.....	28
Edward Kowalski.....	Arcadis.....	11
Daniel Kramer.....	Hazen and Sawyer.....	18
W. Camilla Kuo-Dahab.....	Brown and Caldwell.....	27
James Legg.....	Town of Uxbridge, MA.....	5
Eric Lemoi.....	Wright-Pierce.....	18
Edward Leonard.....	Wright-Pierce.....	20
Bryan Levitt.....	City of Bath, ME.....	27
Angelo Liberti.....	RI DEM.....	6
Bryan Lisk.....	Hazen and Sawyer.....	13
Rob Little.....	Woodard & Curran.....	15
Josh Lochhead.....	Vermont DEC.....	24
Timothy Loftus.....	Upper Blackstone Clean Water.....	10, 20
Chris Lorain.....	LandTech Consultants.....	1
Jenna Luek.....	University of New Hampshire.....	4, 19

PRESENTER	AFFILIATION	SESSION NO.
Don Lussier.....	City of Keene, NH.....	1
Joshua MacCulloch.....	The Metropolitan District Commission.....	18
James Malley, Jr.....	University of New Hampshire.....	4
Lou Mammolette.....	City of Chelsea, MA.....	7
Matthew Manchisi.....	Hazen and Sawyer.....	1
Jeff McBurnie.....	Casella Organics.....	21
William McConnell.....	CDM Smith.....	27
Theresa McGovern.....	VHB.....	3
Brian McGuire.....	Arcadis.....	26
Mark McNamara.....	City of Fitchburg, MA.....	20
Fred McNeill.....	City of Manchester - NH/EPD.....	18
Vanessa McPherson.....	Arcadis.....	11
Scott Medeiros.....	Woodard & Curran.....	31
Carolyn Meklenburg.....	MA Executive Office of Energy and Environmental Affairs.....	24
David Michelsen.....	South Essex Sewerage District.....	13
Kate Mignone.....	AECOM.....	26
Tim Mills.....	Brown and Caldwell.....	9
Marc Moccio.....	Wright-Pierce.....	18
Eliza Morrison.....	Wright-Pierce.....	2, 32
Paul Moulton.....	AECOM.....	2
Paula Mouser.....	University of New Hampshire.....	4, 19
Amy Mueller.....	Northeastern University.....	8
Frederick Mueller.....	Tighe & Bond.....	15
Jen Muir.....	JKMuir.....	10
Dr. Christopher Muller.....	Brown and Caldwell.....	9, 13
Jeffrey Murawski.....	City of Fitchburg, MA.....	14, 20
Michael Nacrelli.....	City of Gresham, OR.....	9
Sharon Nall.....	NH DES.....	24
Lyndon Nichols.....	USDA Rural Development MA.....	24
Ken Nolan.....	Watts Water Technologies.....	1
Mickey Nowak.....	Massachusetts Water Environment Association.....	8
Colin O'Brien.....	Brown and Caldwell.....	13
Kevin O'Brien.....	Mott MacDonald.....	12
Thomas O'Donovan.....	NH DES.....	6
Kori O'Hara.....	City of Revere, MA.....	32
Gus O'Leary.....	Kleinfelder.....	26
Tony Omobono.....	Tetra Tech.....	7
Annalisa Onnis-Hayden.....	Northeastern University.....	15
Marc Pariseault.....	Narragansett Bay Commission.....	20
Ben Pearson.....	City of Portland, ME.....	31
Hernan Peralta.....	Woodard & Curran.....	3, 30
David Peterson.....	Kleinfelder.....	5
Brandy Piers.....	Maine DEP.....	24
Maria Pinaud.....	MassDEP.....	24
Jeffrey Pinnette.....	Wright-Pierce.....	20

PRESENTER	AFFILIATION	SESSION NO.
Rhonda Pogodzienski	AECOM	4
Robert Polys	Woodard & Curran	11
Peter Pommersheim	South Essex Sewerage District.....	13
Jamie Ponte	City of New Bedford, MA.....	2
Stephen Pozner	Globalcycle, Inc.....	25
Lenna Quackenbush	GHD	23
Adam Questad	Geosyntec Consultants.....	23
Carly Quinn	Woodard & Curran	3
Haleemah Qureshi	City of Somerville, MA.....	3
Kevin Raftery.....	Hazen and Sawyer.....	12
John Rahill	Kleinfelder	26
Buvana Ramaswamy.....	CDM Smith	17
C. Andrew Ramsburg	Tufts University.....	4
Jason Randall	Plymouth Village Water and Sewer District.....	31
Jeffrey Reade	AECOM	27
Kerry Reed.....	City of Framingham, MA	32
William Rehkop	Derry Township Municipal Authority.....	13
Tom Renaud	Massachusetts Water Resources Authority	10
Matthew Ribeiro.....	AECOM	13
Alisa Richardson	RIDOT	3
Robert Robinson	City of Manchester - NH/EPD	21
Kate Roosa	Kleinfelder	32
Christopher Rositer	MFN Regional Wastewater District	17
John Ross	Brown and Caldwell.....	13
Alex Rozen	JKMuir.....	10
Anastasia Rudenko	GHD	5, 23
Andy Rudzinski	City of Bangor, ME.....	26
Frank Russo	City of Meriden, CT	14
Karla Sangrey	Upper Blackstone Clean Water	10, 20
Rebecca Saucier	Wright-Pierce	31
Matthew Scarborough.....	University of Vermont.....	19
John Scheri	Mott MacDonald	12
Michael Schmidt	CDM Smith	23
Tom Schueler	Chesapeake Stormwater Network.....	16
Wayne Schutz	Derry Township Municipal Authority.....	13
Kellogg Schwab	JHU	11
Tom Schwartz	Woodard & Curran	21
Andy Seaton	PC Construction.....	21
Len Sekuler	Arcadis	1
Kevin Selock	WSSC	21
Akshaya Selvaraj	Arcadis	11
Tom Sgroi.....	Greater New Haven WPCA.....	25
Jay Sheehan.....	Woodard & Curran	21, 25
Benn Sherman.....	Town of Uxbridge, MA.....	5
Gary Simard	AECOM	12
Jason Sorenson.....	US Geological Survey	16

PRESENTER	AFFILIATION	SESSION NO.
Amy Sowitcky	Tighe & Bond.....	30
Varun Srinivasan	Brown and Caldwell.....	15
Brandon Steets	Geosyntec Consultants.....	23
Adam Stern	Natural Systems Utilities.....	17
Ben Stiles.....	Wright-Pierce	20
Beverly Stinson	AECOM	27
Kathryn Swanson.....	CDM Smith	17
Shawn Syde	City of New Bedford, MA.....	2
Lindsey Sylvester.....	Wright-Pierce	30
Meg Tabacsko	Massachusetts Water Resources Authority	32
Edris Taher	Upper Blackstone Clean Water	10, 20
Diana Tao.....	Tetra Tech.....	7, 29
Alan Taubert, Jr.	South Essex Sewerage District.....	13
Elham Tavasoli.....	University of New Hampshire	4
Andrea Taveres.....	LandTech Consultants	1
Kelly Taylor	MassDEP.....	24
John Theriault	City of Bangor, ME.....	26
Michael Theriault	Wright-Pierce	12
Mark Thompson.....	Kleinfelder	5
Nicholas Tooker	University of Massachusetts-Amherst.....	8, 15
Sandra Tripp.....	GHD	28
Sharon Tsay	AECOM	7
Shu Tsuda	Hitachi	11
Kristen Tucker.....	World Water Works	11
Joe Uglevich.....	Stantec	21
Cambria Ung.....	VHB.....	3
Matthew Van Horne	Hazen and Sawyer.....	21
David VanHoven.....	Stantec	29
Richard Wagner	CDM Smith	23
Richard Waldo	Town of Provincetown, MA	28
Troy Walker	Hazen and Sawyer.....	17
Jason Waterbury.....	The Metropolitan District Commission.....	2
Austin Weidner	Tighe & Bond.....	15
Ethan Wenger.....	Massachusetts Water Resources Authority	31
Logan Wherry	Neo Water Treatment.....	17
Charles Wilson	Hazen and Sawyer.....	1, 7, 28
Gillian Wood.....	Woodard & Curran	21
Catherine Woodbury	City of Cambridge, MA.....	32
Robert Woodman.....	ACF Environmental	28
David Wright	Weston & Sampson.....	22
Megan Young	State of Vermont Waste Management.....	24
Kenneth Yu.....	Kleinfelder	26
Wenjin Zhang.....	Northeastern University.....	8
Jennifer Zoppo.....	Stantec	3
Lauren Zuravnsky.....	Hampton Roads Sanitation District.....	25

Annual Business Meeting

MONDAY, JANUARY
27

8:00–8:30 AM

Respectfully
Submitted by the
NEWEA Nominating
Committee:
Ray Willis, Chair
James Barsanti
Janine Burke-Wells
Katelyn Biedron
Christopher Robinson

All nominees
have indicated their
willingness
to serve.

By vote of the Nominating Committee, I submit the following nominations in accordance with Article 9.3.1 of the NEWEA Constitution and Bylaws to the Executive Committee, for approval to place the slate of officers before the membership at the NEWEA Annual Business Meeting on January 27, 2020:

- Vice President – **Frederick McNeill**
- Treasurer – **Clayton “Mac” Richardson**
- Council Director – Collections Systems and Water Resources – **Vonnie Reis**
- WEF Delegate – **Peter Garvey** (WEFTEC 2020 through WEFTEC 2023)
- Massachusetts Director – **Adam Yanulis**
- Connecticut Director – **William Norton**
- Council Director – Innovation – **Marianne (MacDonald) Langridge** (to fill the newly-created office)

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

- President – **Jennifer Kelly Lachmayr**
- President-Elect – **Virgil Lloyd**
- Past President – **Raymond Vermette**

The remaining incumbents are fulfilling unexpired terms:

- WEF Delegate – **Matthew Formica** (through WEFTEC 2020)
- WEF Delegate – **Susan Guswa** (through WEFTEC 2021)
- WEF Delegate – **James Barsanti** (through WEFTEC 2022)
- Council Director – Communication – **Meg Tabacsko** (3rd year)
- Council Director – Meeting Management – **Katelyn Biedron** (2nd year)
- Council Director – Outreach – **Justin Skelly** (3rd year)
- Council Director – Treatment, System Operations, and Management – **Philip Forzley** (2nd year)
- Maine State Director – **Jeffrey McBurnie** (2nd year)
- New Hampshire State Director – **Steven Clifton** (2nd year)
- Rhode Island State Director – **Scott Goodinson** (3rd year)
- Vermont State Director – **Christopher Robinson** (3rd year)

Treasurer Report – 2019 Balance Sheet

Adjourn – Ray Vermette, NEWEA President



**Join NEWEA at the National Water Policy Fly-In
Water Week, April 27–28, 2020**

Come to the Capitol to join with WEF, NACWA, WRF and other national organizations to support water quality and to dialog with Congressional representatives from the New England states.

We're at a critical juncture for the clean water industry!

On the plus side, President Trump and the new House of Representatives have indicated strong support for investments in infrastructure.

- Will our water and wastewater systems receive critically needed funding?
- Will the Clean Water State Revolving Fund continue unscathed, and how will New England's share be affected?

On the uncertainty side, we expect the EPA to continue to look very different in 2020.

- How will water policies change under the new administration?
- What are the water environment focuses for the 116th Congress?

The Government Affairs Committee will work with attendees to organize the meeting and will be summarizing the key issues related to these topics in advance of the trip to Washington to give you background information and provide talking points to use when you speak with federal legislators.

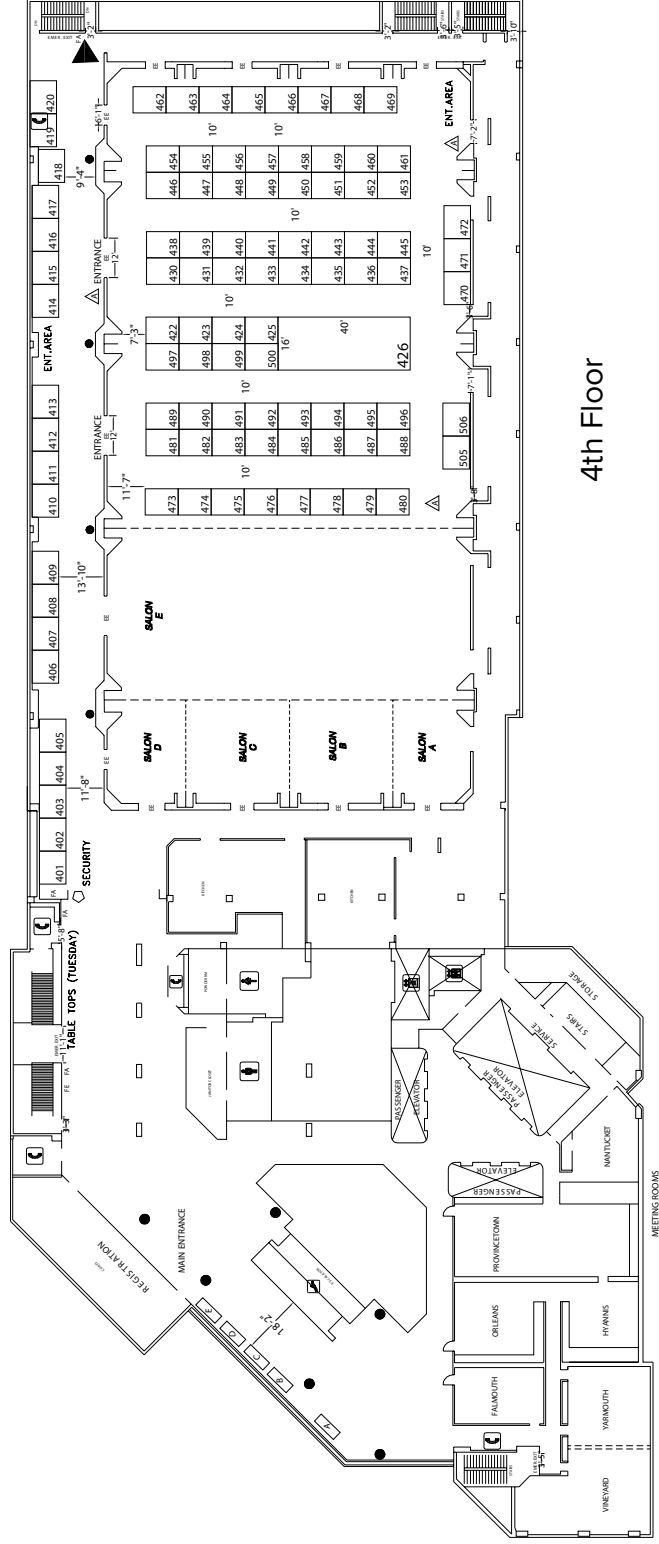
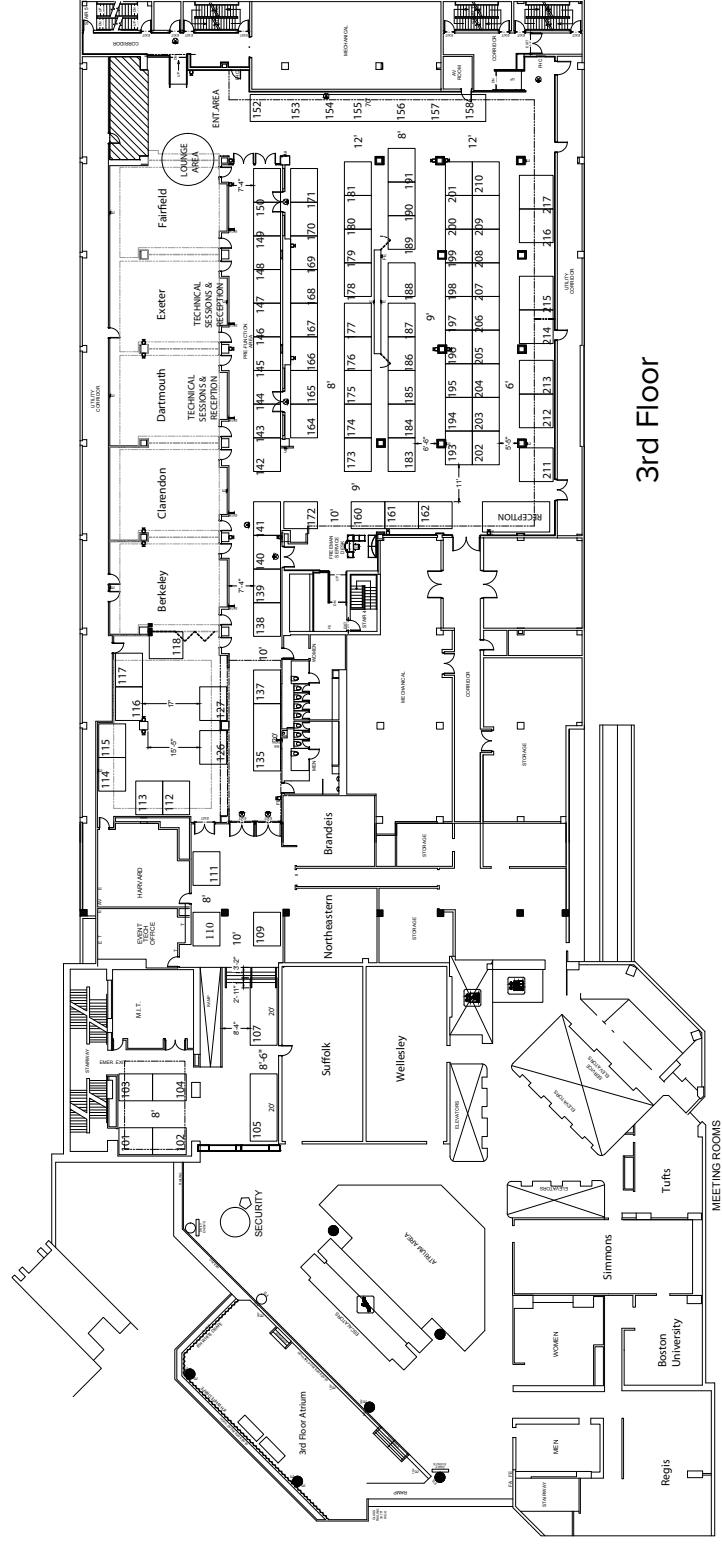
This year's Congressional trip will be different and more succinct than past NEWEA trips to DC. Major events will include:

- NEWEA Kick-Off Dinner on Monday, April 27—speakers will cover major water developments in Washington, tips for elected Congressional meetings and review NEWEA's talking points
- Meetings with Senators, Representatives and aides on Capitol Hill—Monday and Tuesday
- Congressional Reception—Tuesday evening, April 28

For more information call:
Scott Firmin (207-774-5961 Ext. 3077),
or Mary Barry (781-939-0908)



Marriott Copley Place Hotel—NEWEA Conference Floor Plans



Exhibitors

ABBA Pump Parts & Service

Booth(s): 110

ABBA PARTS IS THE #1 AFTERMARKET PUMP PARTS MANUFACTURER IN NORTH AMERICA. REPLACEMENT PUMPS, PARTS and ASSEMBLIES to fit virtually all your ALLIS CHALMERS, FAIRBANKS MORSE®, WORTHINGTON AND SMITH & LOVELESS models.

Contact: Wendy Jamison, 5370 Munro Court, Burlington, ON L7L 5N8, tel: 800-268-5142, wendy_j@abbaparts.com, www.abbaparts.com

ADS Environmental Services (Bronze Sponsor)

Booth(s): 437 & 445

When municipal owners need to know about collection system flows, sewer levels, or the effects of rainfall they choose ADS® Trusted Solutions. Solutions to critical wastewater problems including SSOs, optimized sewer cleaning, CSOs, inflow & infiltration, hydraulic modeling, accurate sewer billing, and sewer capacity management rely on ADS

Contact: Matthew Brown, 51 Wentworth Ave Ste 15, Londonderry, NH 03053, tel: 256-656-6385, mbrown3@idexcorp.com

Advanced Drainage Systems, Inc.

Booth(s): 138

ADS has established a reputation for leadership in the storm drainage, sanitary sewer and stormwater treatment/management industries by staying committed to the development of state-of-the-art products and services that set industry standards and help solve industry challenges.

Contact: Aaron Cheever, 58 Wyoming St, Ludlow, MA 01056, tel: 978-302-0650, aaron.cheever@ads-pipe.com, www.ads-pipe.com

Aegion-Underground Solutions, Inc./Insituform Technologies, LLC

Booth(s): B

Aegion is an industry leader in developing transformational solutions to rehabilitate, maintain and strengthen aging infrastructure, especially pipelines in the wastewater, water, energy, mining and refining industries.

Contact: John Kosiur, 17988 Edison Ave, Chesterfield, MO 63005, tel: 636-530-8000, jkosiur@aegion.com, www.aegion.com

Aeration Industries

Booth(s): 444, 452, 453, 460, 461, 469

With Aeration Industries products we can provide a full range of wastewater treatment solutions to optimize municipal and industrial water treatment applications, from process water supply to wastewater treatment, sludge management to produced water return

Contact: Jim Deluca, 154 West Grove St Unit D, Middleboro, MA 02346, tel: 508-947-5777, jdeluca@aquasolutionsinc.net, www.aquasolutionsinc.net, Rep: Aqua Solutions

Aerus, LLC

Booth(s): 209-210

Manufacturer of Air Purification and Water systems. We have an unmatched history of innovation for over 90 years, and the Smithsonian Institute recognized our Model 30 Canister Vacuum as one of the Top 100 US products ever designed.

Contact: Fernanda Jasso Moreno, 14841 Dallas Pkwy Ste 500, Dallas, TX 75254, tel: 214-378-4047, fjasso-moreno@aerushome.com, www.aerushome.com

Airvac- a brand of Aqseptence Group

Booth(s): 492

Airvac, a brand of Aqseptence Group, has provided cost-effective solutions for existing communities and new land developments for 50 years.

Contact: Phil Crincoli, 4217 N Old US Highway 31, Rochester, IN 46975, tel: 217-299-7942, philip.crincoli@aqseptence.com, www.aqseptence.com

Alfa-Laval

Booth(s): 444, 452, 453, 460, 461, 469

Alfa-Laval is the market leader for dewatering and residual thickening equipment; decanters/centrifuges, belt filter presses, gravity belt thickeners, rotary drum thickeners as well as sludge heat exchangers.

Contact: Jim Deluca, 154 West Grove St Unit D, Middleboro, MA 02346, tel: 508-947-5777, jdeluca@aquasolutionsinc.net, www.aquasolutionsinc.net, Rep: Aqua Solutions

Amphidrome®

Booth(s): 401-406

The Amphidrome® system is an affordable, energy efficient, customized onsite wastewater treatment solution designed to fit your site constraint and regulatory requirements

Contact: Ed Quann, 273 Weymouth St, Rockland, MA 02370, tel: 781-982-9300, edquann@frmahony.com, www.frmahony.com

Amwell Clarifiers and Grit Equipment

Booth(s): 444, 452, 453, 460, 461, 469

With Amwell we can offer one of the broadest lines of industry proven and time-tested clarifier equipment for the water and wastewater treatment industry; complete clarification equipment with value priced grit removal.

Contact: Jim Deluca, 154 West Grove St Unit D, Middleboro, MA 02346, tel: 508-947-5777, jdeluca@aquasolutionsinc.net, www.aquasolutionsinc.net, Rep: Aqua Solutions

AP/M CentriPipe

Booth(s): 162

AP/M Permaform® offers CentriPipe® and Permacast® systems for the trenchless repair of badly deteriorated manholes, pipe and similar underground structures. Additionally, CONmicSHIELD® liquid additive prevents MIC in concrete sanitary sewers.

Contact: Christine Carroll, PO Box 555, Johnston, IA 50131, tel: 800-662-6465, info@permaform.net, www.permaform.net

Applied Dynamics

Booth(s): 420

Applied Dynamics is a full service electro-mechanical sales & service company serving all of New England.

Contact: David Cunningham, 38 Butternut St, Greenfield, MA 01301, tel: 413-774-7268, dave@applied-dynamics.com, www.applied-dynamics.com

Aqua Solutions, Inc. (Gold Sponsor)

Booth(s): 444, 452, 453, 460, 461, 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.

Contact: Jim Deluca, 154 West Grove St Unit D, Middleboro, MA 02346, tel: 508-947-5777, jdeluca@aquasolutionsinc.net, www.aquasolutionsinc.net

Asahi/America, Inc.

Booth(s): 435, 436

Asahi provides thermoplastic fluid flow solutions for industrial, commercial and environmental applications. We maintain a custom fabrication department and also provide consultation, supervision and training.

Contact: Joe Durning, 655 Andover St, Lawrence, MA 01843, tel: 781-321-5409, jdurning@asahi-america.com, www.asahi-america.com

Associated Electro-Mechanics Inc.

Booth(s): 468

Associated Electro-Mechanics is a One-Stop industrial sales and service center, servicing MA, CT, VT, NH, ME, RI, PA, NJ, and Eastern NY market areas.

Contact: Mark DuBois, 185 Rowland St, Springfield, MA 01101, tel: 413-265-3560, mdubois@aemservices.com, www.aemservices.com

Atlantic Fluid Technology Inc.

Booth(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, 354 West Boylston St Ste 221, West Boylston, MA 01583, tel: 508-755-0440, moji@aftinc.com, www.aftinc.com

Autrol / JWB Co.

Booth(s): 422-425 & 430-433

Autrol America brings an impressive line of very competitive smart process transmitters for differential pressure, flow, pressure & temperature. Hart programmable and/or complete configurable with built in push button programming. 100:1 turndown.

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

Avanti International Booth(s): 196
Since 1978, Avanti International has been the only full-service provider and most experienced producer of high-quality injection grouts in North America which include acrylic, polyurethane, and Ultrafine cements. Contact: Chris Hamilton, 822 Bay Star Blvd, Webster, TX 77598, tel: 281-627-1875, chris.m.hamilton@avantigrout.com, www.avantigrout.com

Bal-Last™ Interlocking Ballast Systems Booth(s): 401-406
Bal-Last™ Interlocking Ballast Systems was developed as a safe and effective means to provide an efficient ballast solution for the installer of grinder pump basins. Contact: Henry Albro, Townsend, MA 01474, 978-808-4986, henry@interlockingballast.com, Rep: F.R. Mahony & Associates, Inc.

BAU/Hopkins / UGSI Booth(s): 422-425 & 430-433
BAU/HOPKINS is a Multi-Man Manufacturer's Technical Representation serving the New England Marketplace. We specialize in Chemical Feed Products & Systems, Fluid Process Systems and Instrumentation. BAU/HOPKINS has a close working relationship with the JWB Company. Contact: Alan Hopkins - ahopkins@bauhopkins.com or Bob Hopkins - bhopkins@bauhopkins.com, tel: 508-699-9300, www.bauhopkins.com

BDP Industries Booth(s): 165
BDP Industries is a leading supplier of dewatering, thickening, and composting equipment with installations world wide. BDP's main products include Belt Filter Press, Screw Press, Gravity Belt Thickener, Rotary Drum Thickener, and in-vessel Composting Systems. Contact: Dan Fronhofer, PO Box 118, Greenwich, NY 12834, tel: 518-695-6851, dan@bdpindustries.com, www.bdpindustries.com Rep: David F. Sullivan & Associates

Biorem Booth(s): 156
Biorem offers an array of biological technologies for the removal of odors, Hydrogen Sulfide (H2S), Volatile Organic Compounds (VOCs) and hazardous air pollutants (HAPs). Contact: Peter Kibble, c/o The Maher Corporation 192 Pleasant St, Rockland, MA 02370, tel: 781-421-2600, pkibble@themaahercorp.com, Rep: The Maher Corporation

Biowaste Pyrolysis Solutions, LLC Booth(s): 204
Provide Pyrolysis Solutions to remediate sludge while capturing energy. This state of the art technology is self sustaining and environmentally friendly. The firm is currently completing a demonstration plant in Schenectady, NY to be online by end of March 2020. Contact: Samuel Sylvestsky, 1550 South Ocean Blvd, Lantana, FL 33462, tel: 518-421-4130, sam.sylvestsky@gmail.com, www.biopyro.com

Blake Group Holdings Booth(s): 191
Blake Equipment is a distributor and manufacturers' representative of water and thermal energy Solutions with 13 locations throughout the Northeast. Where there's a need to heat, treat, move, control water and conserve resources - Blake solves it. Contact: Bob Klybas, 4 New Park Rd, East Windsor, CT 06088, tel: 860-218-1010, bob.klybas@bghusa.com, www.blakeequip.com

Blue Ribbon Corp / JWB Co. Booth(s): 422-425 & 430-433
Blue Ribbon offers submersible level transmitters for wastewater applications. Blue Ribbon invented the 1st cage style hydrostatic level transmitter called the "Birdcage" that has revolutionized level measurement in the most demanding sewage level monitoring applications. Products are made in the USA. Contact: James Birkenberger, JWB Company, 65 August Ave, Wolcott, CT 06716. Tel: (203)879-6959, jamie@jwbcompany.net, www.jwbcompany.net, Rep: JWB Company

BMC Corp (Event Sponsor) Booth(s): 161
Contact: Richard Corsetti, PO Box 60, Pinehurst, MA 01866, tel: 781-273-0398, rich@pipejetter.com

Boerger Booth Booth(s): 152
The Börger BLUEline Rotary Lobe Pump is a self-priming, valveless, positive displacement pump used for the conveyance of viscous and abrasive materials. Contact: Peter Kibble, c/o The Maher Corporation 192 Pleasant St, Rockland, MA 02370, tel: 781-421-2600, pkibble@themaahercorp.com, Rep: The Maher Corporation

Boyson and Associates, Inc. Booth(s): 497, 498
Boyson and Associates, Inc. was founded in 1985 and is a customer driven Water and Wastewater Solutions based Equipment Representative. Contact: Brian Boyson, 2 Little Tree Rd, Medway, MA 02053, tel: 508-889-6371, brianjboyson@outlook.com, www.wastewaterequipmentboyson.com

Brentwood Industries Booth(s): 154
Brentwood offers engineered water and wastewater treatment systems, including Polychem rectangular clarifiers, SedVac vacuum systems, AccuFAS submerged fixed-film media. Trickling filters, tube settler systems. Contact: Peter Kibble, c/o The Maher Corporation 192 Pleasant St, Rockland, MA 02370, tel: 781-421-2600, pkibble@themaahercorp.com, Rep: The Maher Corporation

C.N. Wood Co., Inc. Booth(s): 450
Contact: Tom Fiore, 200 Merrimac St, Woburn, MA 01801, tel: 781-935-1919, tfiore@cn-wood.com, www.cn-wood.com

Carl Lueders & Company Booth(s): 485
Contact: Mark Lueders, 258 Main St Unit 6, Medfield, MA 02052, tel: 617-435-4622, marklueders@cs.com

Carlsen Systems (Silver Sponsor) Booth(s): 183
Representing Sulzer/ABS, Grundfos, Peerless, PACO, USEMCO, and GA Industries. Contact: Craig Burmeister, 176 Amity Rd #102, Woodbridge, CT 06245, tel: 203-663-1314, info@carlensystems.com, www.carlensystems.com

Casella Organics (Event Sponsor) Booth(s): 150
Casella Organics is an industry leader in the transportation, recycling, processing and marketing of organics and mineral resources including biosolids, short paper fiber, ash, liming agents, food wastes, and compost. Contact: Patrick Ellis, 4 Chennel Dr Ste 200, Concord, NH 03301, tel: 603-290-5819, Patrick.Ellis@casella.com, www.casella.com/casella-organics

Claro Booth(s): 438
Claro provides headworks screens and washer-compactors, shaftless screw conveyors, septage receiving stations with complete billing systems, and complete digester systems. Contact: Bob Mack, 1 DeAngelo Dr, Bedford, MA 01730, tel: 781-275-1001, bob@ne3inc.com, www.ne3inc.com, Rep: NE3

Continental Blowers Booth(s): 444, 452, 453, 460, 461, 469
Continental's centrifugal multistage and single-stage geared-driven blowers are on the job — right now, and round the clock every day of the year — at municipal and industrial water and wastewater treatment plants throughout North America. Contact: Jim Deluca, 154 West Grove St Unit D, Middleboro, MA 02346, tel: 508-947-5777, jdeluca@aquasolutionsinc.net, www.aquasolutionsinc.net, Rep: Aqua Solutions, Inc.

Coyne Environmental Services Booth(s): 127
Chemical distributor for all your 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, tel: 215-785-3000, kbrassard@coynechemical.com, www.coyneenvironmental.com

Cretex Specialty Products Booth(s): 199
Leading manufacturer of Mechanical Internal and External Manhole Frame-Chimney Seals and other products used to stop or prevent Inflow & Infiltration, including PRO-RING™, a lightweight grade adjustment system used for manholes/underground utility structures. Contact: Lee Haessig, N25 W23790 Commerce Cir Ste E, Waukesha, WI 53188, tel: 262-542-8153, lhaessig@cretexseals.com, www.cretexseals.com

CSI Controls Booth(s): 417
Dependable water and waste control solutions. Contact: Greg Harmon, 220 Ohio St, Ashland, OH 44805, tel: 207-998-8171, greg.harmonco@gmail.com, www.csicontrols.com

CST Booth(s): 176
CST designs innovative clear-span aluminum covers for wastewater process and water storage tanks that help control odorous emissions and prevent water intrusion
Contact: Kim Mathis, 498 N. Loop 336 E, Conroe, TX 77301, tel: 832-655-3874, kmathis@cstindustries.com, www.cstindustries.com

CUES Booth(s): 109
As the world's leading manufacturer of water, wastewater, and storm water inspection equipment, CUES provides the necessary tools for both pipeline inspection and repair.
Contact: Terri Mooney, 3600 Rio Vista Ave, Orlando, FL 32805, tel: 800-327-7791 Ext. 221, terrim@cuesinc.com, www.cuesinc.com

David F. Sullivan & Associates, Inc. (Bronze Sponsor) Booth(s): 164-167 & 173-177
Featuring Evoqua's CoMag, BioMag, and PFAS technologies; Gryphon modular sludge dryers; Westech process equipment; Roots/Turblex blowers; Medora mixing systems; Duperon fine screens; Kubota MBR; Fontaine gates; Groth and Unison Solutions for Biogas applications; BDP thickening and dewatering equipment; Flottweg centrifuge; and more.
Contact: Mike Sullivan, 19 Batchelder Rd. Ste.2B, Seabrook, NH 03874, tel:603-474-2484, info@davidfsullivan.com,www.davidfsullivan.com

De Nora Water Technologies, Inc. Booth(s): 401-406
DeNora Water Technologies is a leader in disinfection and filtration technologies.
Contact: Chris Hubbard, Regional Sales Manager- Northeast, tel: 267-517-1844, chris.hubbard@denora.com, Rep F.R. Mahony & Associates, Inc.

Denali Water Solutions, LLC Booth(s): 494
Denali Water Solution provides a full line of services for Residuals and Biosolids to municipal and industrial companies nationwide for over 20 years.
Contact: Anita Dean, 3308 Bernice Ave, Russellville, AR 72802, tel: 978-979-5916, anita.dean@denaliwater.com, www.denaliwatersolutions.com

Denora / BAU Hopkins Booth(s): 422-425 & 430-433
Denora offers Chlorination & Dechlorination Equipment: Capital Controls Cylinder Mounted Chlorinators, Wall or ton Mounted Chlorinators, Cabinet Mounted Chlorinators, Automatic Controls for Chlorinators.
Contact: Alan Hopkins - ahopkins@bauhopkins.com or Bob Hopkins - bhopkins@bauhopkins.com, tel: 508-699-9300, www.bauhupkins.com, Rep: BAU Hopkins

Diversified Infrastructure Services Inc. (Event Sponsor) Booth(s): 217
DIS provides services to the water/wastewater collection systems industry, survey services to public/private sectors as well as services to energy and power delivery markets..
Contact: Jon Ziegler, 46 S Rolling Meadows Dr, Fond du lac, WI 54937, tel: 920-579-4804, jziegler@disinc.us, www.disinc.us

DN Tanks, Inc. Booth(s): 478
Precast, Prestressed Concrete Tanks
Contact: Corey Meyers, 11 Teal Rd, Wakefield, MA 01880, tel: 781-246-1133, corey.meyers@dntanks.com, www.dntanks.com

DUKES ROOT CONTROL (Bronze Sponsor) Booth(s): 491
ROOT CONTROL DONE RIGHT
Contact: Laurence Aldrich, 1020 Hiawatha Blvd West, Syracuse, NY 13204, tel: 860-798-0982, larry@dukes.com, www.dukes.com

Duperon Corp. Booth(s): 174
Duperon Corporation, the leader in liquids/solids separation solutions, provides solutions for coarse and fine screening, low flow screening, perforated plate screening, washing compacting, and conveying.
Contact: Lorene Bruns, 515 N Washington, 1st Fl, Saginaw, MI 48607, tel: 989-754-8800, lbruns@duperon.com, Rep: David F. Sullivan & Associates

ECS Booth(s): 152
Odor Control Systems Specializing in Carbon Adsorbers, Chemical Scrubbers, FRP Chemical Storage Tanks, Sound Enclosures, Covers and Buildings, AMCA certified FRP damper/ductwork systems.
Contact: Peter Kibble, c/o The Maher Corporation 192 Pleasant St, Rockland, MA 02370, tel: 781-421-2600, pkibble@themaahercorp.com, Rep: The Maher Corporation

Egger Pumps Booth(s): 444, 452, 453, 460, 461, 469
Egger is the industry leader in the area of difficult liquids and liquids with a tendency to clog, they work exceptionally well in wastewater applications and sludge. Egger can be used in various process including Suez®, Alfa®, FKC® and others.
Contact: Jim Deluca, 154 West Grove St Unit D, Middleboro, MA 02346, tel: 508-947-5777, jdeluca@aquasolutionsinc.net, www.aquasolutionsinc.net, Rep: Aqua Solutions

ElectroScan, Inc. / JWB Co. Booth(s): 422-425 & 430-433
ElectroScan- Designed & manufactured in compliance with the ASTM F2550-13 our sewer & water leak detection products represent a new framework for condition assessment & evaluation; integrated to our CriticalSewer® & CriticalH2O® cloud applications
Contact: James Birkenberger, JWB Company, 65 August Ave, Wolcott, CT 06716. Tel: (203)879-6959, jamie@jwbcompany.net, www.jwbcompany.net, Rep: JWB Company

EMS New England Booth(s): 197
Manufacturers' rep for electrical products & electrical safety products for the Waste-water industry.
Contact: Steve Graboski, 65 South Turnpike Rd, Wallingford, CT 06492, tel: 860-841-7141, sgraboski@emsnewengland.com, www.emsnewengland.com

Environment One Corporation Booth(s): 401-406
ALL-TERRAIN SEWER™ low pressure systems from E/One are significantly more affordable than conventional gravity sewers, safer than septic systems, and they're a light touch on the land.
Contact: Christopher Nedwick, 2773 Balltown Rd, Niskayuna, NY 12309, tel: 518-596-2186, eone@eone.com, Rep: F.R. Mahony & Associates, Inc.

Environmental Dynamics International Booth(s): 164
Environmental Dynamics International (EDI) is the largest supplier of aeration equipment to the aeration market in the US, and will soon be the largest worldwide.
Contact: Mark Duehmig, 5601 Paris Rd, Columbia, MO 65202, tel: 443-254-2670, mark.duehmig@environmentaldynamics.com, Rep: David F. Sullivan & Associates

Environmental Operating Solutions, Inc. (EOSi) Booth(s): 449
Environmental Operating Solutions, Inc. (EOSi) has been providing green chemicals and technical services for biological contaminant removal applications in water and wastewater treatment systems since 2003.
Contact: Ben Smith, 160 MacArthur Blvd Ste 6, Bourne, MA 02532, tel: 603-361-0816, bsmith@microc.com, www.microc.com

EST Associates (Gold Sponsor) Booth(s): 140
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, 51 Fremont St, Needham, MA 02494, tel: 781-455-0003, jcarlin@estassociates.com, www.estassociates.com

Evoqua Water Technologies Booth(s): 177
Evoqua Water Technologies provides solutions and products for water & wastewater treatment. Trusted brands include: Envirex®, JetTech, DAVCO™, RJ Environmental, Wallace & Tiernan, ETS-UV™, Westates Carbon, USFilter, Cambridge Water, and others.
Contact: Rob Biase, 409 Hastings Dr, Cranberry Township, PA 16066, tel: 724-312-3336, robert.biase@evoqua.com, Rep: David F. Sullivan & Associates

F. R. Mahony & Associates, Inc. (Event Sponsor)**Booth(s): 401-406**

We are a water and wastewater manufacturers' representative celebrating over 55 years serving New England. Our staff of experienced engineers provides a wide range of knowledge and expertise with a focus on a systems approach and customized solution for your application.

Contact: Ed Quann, 273 Weymouth St, Rockland, MA 02370, tel: 781-982-9300, edquann@frmahony.com, www.frmahony.com

Flottweg Separation Technology**Booth(s): 166**

Flottweg is the leading innovator and manufacturer of decanter centrifuges for liquid-solids separation used in dewatering and thickening applications for municipal wastewater and water treatment plants, as well as industrial, dairy and agricultural operations worldwide.

Contact: John Yacilla, 143A Rowayton Ave, Norwalk, CT 06853, tel: 203-838-6120, jyacilla@flottweg.net, Rep: David F. Sullivan & Associates

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

Contact: Paul Casey, 72 Priscilla Lane, Auburn, NH 03032, tel: 603-656-9799, p2casey@flowassessment.com

Flow Tech, Inc.**Booth(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.

Contact: Brian Robinson, 10 Bidwell Rd, South Windsor, CT 06074, tel: 860-221-0875, robinson@flowtechinc.com, www.flowtechinc.com

Flowserve Pump**Booth(s): 444, 452, 453, 460, 461, 469**

Flowserve Pump is a leading manufacturer of pumping equipment for the water and wastewater market. Some of the manufacturers under the Flowserve umbrella are Worthington, Ingersoll-Rand, Indersoll-Dresser Pump, Dresser Pump & DURCO.

Contact: Jim Deluca, 154 West Grove St Unit D, Middleboro, MA 02346, tel: 508-947-5777, jdeluca@aquasolutionsinc.net, www.aquasolutionsinc.net, Rep: Aqua Solutions, Inc.

FlowWorks**Booth(s): 443**

A Seattle, Washington company, FlowWorks provides a cloud-based Software as a Service (SaaS) providing data management and analytical tools for the water/wastewater industry.

Contact: Trent Kamins, 1001 4th Ave #3200, Seattle, WA 98154, tel: 206-496-2574, tkamins@flowworks.com,

Ford Hall Company**Booth(s): 174**

Weir Wolf™ by Ford Hall: 30+ Years, 49 States, Canada, Asia, Australia, 5 Year Warranty on TurnKey Installation. Automated Clarifier Cleaning that Works!

Contact: Jerry Ristau, 301 LowerHines Creek Rd, Richmond, KY 40476, tel: 859-624-1077, jristau@fordhall.com, Rep: David F. Sullivan & Associates

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

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

Contact: Joe Macula, 60 Okner Pkwy, Livingston NJ 07039, tel: 973-533-6457, jmacula@franklinmiller.com, Rep: F.R. Mahony & Associates, Inc.

Fusion Environmental Solutions**Booth(s): 466**

Our mission is "fusing quality products with reliable services". Fusion Environmental Solutions is a company that specializes in the control and management of grease and odor in wastewater collection systems and pump stations.

Contact: Stephen Buckley, 1177C Jefferson Blvd, Warwick, RI 02886, tel: 508-742-7324, sbuck1421@gmail.com, www.fusionenvironmentalsolutions

GA Fleet - Fleet Pump&Service**Booth(s): 137**

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, sumur@gafleet.com, www.gafleet.com

Gabriel Novac & Assoc.**Booth(s): 166**

GNA designs and manufacturers CSO and stormwater equipment such as Hydroslide flow regulators, Hydrosel, Hydroflush, and Hydroclean fine brush screen.

Contact: Gabriel Novac, 107 Lawrence Paquette Dr, Champlain, NY 12919, tel: 866-746-2276, gnovac@gnacso.com, www.gnacso.com, Rep: David F. Sullivan & Assoc., Inc.

GEA Westfalia**Booth(s): 158**

GEA Westfalia centrifuges for dewatering and thickening. Featuring multiple US service centers, on-site service from GEA certified technicians and extensive US spare parts inventory.

Contact: Peter Kibble, c/o The Maher Corporation 192 Pleasant St, Rockland, MA 02370, tel: 781-421-2600, pkibble@themahercorp.com, Rep: The Maher Corporation

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

Offering a wide range of Pipeline Rehabilitation and Inspection Services to meet your trenchless pipeline needs.

Contact: Ray Bahr, 768 South Main St Unit 1, Bethel, VT 05032, tel: 860-986-1072, ray@greenmountainpipe.com, www.greenmountainpipe.com

Grundfos Water Utility, Inc.**Booth(s): 167**

Grundfos provides a comprehensive range of optimized water solutions for the North American water utility Industry. Grundfos is a full line supplier of reliable products.

Contact: Michael Ciacciarella, 902 Koomey Rd, Brookshire, TX 77423, tel: 203-257-3081, mciacciarella@grundfos.com, www.us.grundfos.com

Hach**Booth(s): 193**

Hach's broad line of instrumentation and chemistries have been carefully crafted for more than 80 years to make water analysis better - faster, simpler, greener and more informative - so you get it right the first time, every time.

Contact: Greg Bleszinski, 55 Hedgerose Way, Manchester, NH 03102, tel: 860-690-5236, gbleszin@hach.com

HACH Flow Group / JWB Co.**Booth(s): 422-425 & 430-433**

Hach Flow Group - Collection Systems Flowmeters & Equipment. Both Permanent & Portable Open Channel Flowmeters. Radar, Ultrasonic, Area-Velocity, and Rain Gauges.

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

Hayes Pump Inc. (Bronze Sponsor)**Booth(s): 470, 471, 472**

Founded in 1898, Hayes Pump, Inc. is a full service stocking distributor offering pumps, parts, service, and repair

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

Hazen and Sawyer (Silver Sponsor)**Booth(s): 139**

Hazen and Sawyer is one of the top technical firms in the water market. We focus solely on water, offering integrated expertise in drinking water, wastewater, stormwater, and reuse.

Contact: Hazen and Sawyer, 24 Federal St 5th Fl, Boston, MA 02110, tel: 617-574-4747, www.hazenandsawyer.com

Hidrostal Pump**Booth(s): 444, 452, 453, 460, 461, 469**

Hidrostal is the original manufacturer for the screw-centrifugal pumps. These pumps are very efficient, handle large solids and are gentle on floc for RAS applications. Pumping solutions for solids and sludge handling.

Contact: Jim Deluca, 154 West Grove St Unit D, Middleboro, MA 02346, tel: 508-947-5777, jdeluca@aquasolutionsinc.net, www.aquasolutionsinc.net, Rep: Aqua Solutions, Inc.

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

Cloud based SCADA supplier using Cellular, Satellite, and Ethernet Communications. Monitoring and control for Water, Wastewater, natural gas, and just about anything else you can imagine.

Contact: David B. Mundie, President, tel. 615-256-6678, david.mundie@htt.io, Rep: F.R. Mahony & Associates, Inc.

Hobas Pipe USA Booth(s): 142
HOBAS (CCFRPM) Pipes are centrifugally cast, glass-fiber-reinforced, polymer mortar. These large diameter pipes are ideally suited for nearly all corrosive piping applications.
Contact: John Mele, 1413 E Richey Rd, Houston, TX 77073, tel: 908-313-1935, jmele@hobaspipe.com, www.hobaspipe.com

Holland Company Booth(s): 500
New England's leading manufacturer of high quality inorganic coagulants for water purification. Aluminum Sulfate, Polyaluminum Chloride, Sodium Aluminate, Aluminum Chlorohydrate and blends. Onsite testing and recommendations provided.
Contact: Matt Holland, 153 Howland Ave, Adams, MA 01220, tel: 413-743-1292, matt.holland@hollandcompany.com, hollandcompany.com,

Howden Booth(s): 165
Howden's range of fans, blowers, compressors and steam turbines, together with premier brands Roots and Turblex, are highly reliable and efficient solutions for the environmental market.
Contact: Ricardo Alzate, 4654 W. Junction St, Springfield, MO 65802, tel: 417-576-8169, ricardo.alzate@howden.com, www.howden.com

Hubbard-Hall Inc. (Event Sponsor) Booth(s): 179
Customer-driven since our founding in 1849, we're proud of our 99.8% product consistency, 94.8% on-time shipments, and 88.9% customer retention rate
Contact: Suzie Her, 563 S Leonard St, Waterbury, CT 06720, tel: 864-472-9031, sher@hubbardhall.com, www.hubbardhall.com

Hydro International Booth(s): 444, 452, 453, 460, 461, 469
Hydro International's water and wastewater products are designed to increase the operational efficiency of water processing equipment used in wastewater, clean water, industrial, and agricultural treatment applications.
Contact: Jim Deluca, 154 West Grove St Unit D, Middleboro, MA 02346, tel: 508-947-5777, jdeluca@aquasolutionsinc.net, www.aquasolutionsinc.net, Rep: Aqua Solutions, Inc.

ILC Dover Booth(s): 169
Providing flood protection solutions for commercial buildings and critical infrastructure. Systems based on high strength engineered fabrics for easy deployment and superior water and impact resistance.
Contact: Stephen Brady, One Moonwalker Rd, Frederica, DE 19946, tel: 302-335-3911 x213, bradys@ilcdover.com, www.ilcdover.com/product-category/flood-protection

Infra Pipe Solutions Ltd. Booth(s): 149
Manufacturer of large diameter profile wall HDPE pipe from 18" -132" for CSO Storage & conveyance, stormwater, WWTP, Interceptor and other storage and conveyance applications.
Contact: Mark Lister, 6507 Mississauga Rd, Mississauga, ON L5N 1A6, tel: 416-882-6751, mark.lister@infrapipes.com, www.infrapipes.com

Integrity Municipal Systems / BAU Hopkins Booth(s): 422-425 & 430-433
Integrity Municipal Systems is an engineering company devoted to designing and supplying innovative, pre-assembled, process solutions for the water and wastewater industry. Both standard and custom designs are offered.
Contact: Alan Hopkins - ahopkins@bauhopkins.com or Bob Hopkins - bhopkins@bauhopkins.com, tel: 508-699-9300, www.bauhopkins.com, Rep: BAU Hopkins

Invent Booth(s): 444, 452, 453, 460, 461, 469
With Invent aeration we can offer a range of aeration and mixing solutions in combination with blowers, as well as stand alone mixer solutions all customized for individual demands.
Contact: Jim Deluca, 154 West Grove St Unit D, Middleboro, MA 02346, tel: 508-947-5777, jdeluca@aquasolutionsinc.net, www.aquasolutionsinc.net, Rep: Aqua Solutions, Inc.

ITpipes Booth(s): 198
Pipeline inspection software with GIS and Asset Management Integration. Powerful integration with ESRI ArcGIS Online mapping gives you pipeline analytics visualization.
Contact: Ross Brown, 4921 Alexander Blvd NE Ste B, Albuquerque, NM 87107, tel: 262-347-7581, ross@itpipes.com, www.itpipes.com

J.F. McDermott Corporation Booth(s): 419
J.F. McDermott is a stocking dealer representing some of the top manufacturers in the water and waste water industry and serving all of New England
Contact: Brendan Kennedy, 1235 Auburn St, Whitman, MA 02382, tel: 508-580-7740, brendan@jfmcdermott.com

J&R Sales and Service, Inc. Booth(s): 414
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.
Contact: Lauren Usilton, 44 Commercial St Ste 8, Raynham, MA 02767, tel: 508-823-9566, laurenu@jrsalesinc.com, www.jrsalesinc.com

JWB Company Booth(s): 422-425 & 430-433
JWB Company is a Manufacturer's representative covering the 6 New England States. JWB Company specializes in SCADA, telemetry, level, flow, pressure and analytical instrumentation. JWB Company has a close working relationship with BAU/Hopkins.
Contact: James Birkenberger, 65 August Ave, Wolcott, CT 06716. Tel: (203)879-6959, jamie@jwbcompany.net, www.jwbcompany.net

JWC Environmental Booth(s): 444, 452, 453, 460, 461, 469
With JWC Environmental we can offer the experience of over 40,000 successful Monster installations around the world in a wide range of municipal wastewater applications.
Contact: Jim Deluca, 154 West Grove St Unit D, Middleboro, MA 02346, tel: 508-947-5777, jdeluca@aquasolutionsinc.net, www.aquasolutionsinc.net, Rep: Aqua Solutions, Inc.

Kemira Water Solutions Booth(s): 484
Kemira is a global chemicals company serving customers in water intensive industries. We provide expertise, application know-how and chemicals that improve our customers' product quality, process and resource efficiency.
Contact: Catherine Brosseau, 1000 Parkwood Cir Ste 500, Atlanta, GA 30339, tel: 514-601-5785, catherine.brosseau@kemira.com, www.kemira.com

Kimley-Horn and Associates, Inc. Booth(s): 415
For numerous utilities nationwide, Kimley-Horn has demonstrated a passion for all aspects water and wastewater engineering services.
Contact: Will Schafer, 11400 Commerce Park Dr Ste 400, Reston, VA 20191, will.schafer@kimley-horn.com

Kleinfelder (Bronze Sponsor) Booth(s): 213
We are engineers, scientists and construction professionals providing planning, design and construction solutions that improve our clients' water infrastructure.
Contact: Ben Stoddard, One Beacon St Ste 8100, Boston, MA 02108, bstoddard@kleinfelder.com, www.kleinfelder.com

Lakeside Booth(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.
Contact: Peter Kibble, c/o The Maher Corporation 192 Pleasant St, Rockland, MA 02370, tel: 781-421-2600, pkibble@themahercorp.com, Rep: The Maher Corporation

LandTech Consultants, Inc. Booth(s): 111
For three decades, LandTech Consultants has provided civil engineering, land surveying, laser scanning, and modeling services to the AEC community.
Contact: Christopher Lorrain, 515 Groton Rd 2nd Fl, Westford, MA 01886, tel: 978-692-6100, clorrain@landtechinc.com, www.landtechinc.com

LLumin, Inc. Booth(s): 101
LLumin's fully automated work order management and labor, part and cost tracking software solution enable municipalities to efficiently streamline and manage their operations and assets.
Contact: Ed Garibian, 59 Interstate Dr Ste 30, West Springfield, MA 01089, tel: 413-233-5404, ed@llumin.com, www.llumin.com

Lone Star Blower, Inc. **Booth(s): 401-406**

Lone Star is the premier manufacturer of Geared, Gearless, and Multistage Turbo blowers and Control Systems located in Houston, TX .

Contact: Alex Lequio, 8883 West Monroe Rd, Houston, TX 77061, tel: 832-532-3112, alexquio@lonestarblower.com, Rep: F.R. Mahony & Associates, Inc.

M.A. Selmon Company, Inc. **Booth(s): 465**

Flow , GAS Detection, Pressure, Level, Wireless measurement.

Contact: Brad Selmon, 4 Oxford Rd Ste D9, Milford, CT 06460, tel: 203-377-3525, brad@maselmon.com, www.maselmon.com

Madewell Products. Corp. **Booth(s): 499**

Madewell Products Corporation manufactures a variety of cementitious and epoxy products for brick, concrete and different types of pipe. Some of these products are combined to form the Mainstay Composite Liner.

Contact: Craig Closser, 7561 Industrial Ct, Alpharetta, US 30004, tel: 765-810-3497, craig@madewell.net, www.madewell.net

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

Maltz Sales Company, the leader in fluid handling for the municipal market in New England. We offer solutions such as wet and dry pit submersible pumps, transfer pumps, plant water booster systems, chemical feed pumps, chemical storage tanks and mixers.

Contact: Joe Witts, 67 Green St Ste A, Foxboro, MA 02035, tel: 508-203-2400, joew@maltzsales.com, www.maltzsales.com

Martindale Associates Inc. **Booth(s): 168**

Martindale Associates is a New England Distributor established in 1976 providing automation solutions.

Contact: Laurie Hall, 143 Essex St Ste 204, Haverhill, MA 01832, tel: 978-509-8590, lhall@martindaleassoc.com, www.martindaleassoc.com

Mechanical Solutions Inc. **Booth(s): 102, 104**

MSI is a manufacturer rep for the six states of New England for high quality pumping systems, very efficient mixing equipment, the innovative DeRagger and reliable chemical feed systems.

Contact: Gary MacDonald, PO Box 848, Manchester, CT 06045, tel: 860-290-1564, gmacdonald@msipump.com, www.msipump.com

MGD Process Technology Inc. **Booth(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, Rep: F.R. Mahony & Associates, Inc.

Motor Protection Electronics / JWB Co. **Booth(s): 422-425 & 430-433**

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

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

MWH Constructors (Silver Sponsor) **Booth(s): 195**

MWH is a leading global project delivery company focusing on water and biomass/renewables. MWH's multi-disciplined team of engineering and construction professionals delivers a wide range of projects.

Contact: Amanda Oliveira, 370 Interlocken Blvd Ste 300, Broomfield, CO 80021, tel: 857-299-7440, amanda.oliveira@mwhconstructors.com, www.mwhconstructors.com

National Filter Media **Booth(s): 126**

In over 100 years, National Filter Media has become one of the largest filter media companies in the world. We have the technology and personnel necessary to provide you the right filter media.

Contact: Randy Carlsen, 12 Winada Dr , Winthrop, ME 04364, tel: 207-377-2626, rcarlsen@nfm-filter.com, www.nfm-filter.com

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

Largest Pipeline Cleaning, assessment and Trenchless Rehabilitation Contractor in New England.

Contact: Dennis Sullivan, P.E., 25 Marshall St, Canton, MA 02021, tel: 617-212-2494, dennis@nwmcc-bos.com, www.nwmcc.com

Neo Water Treatment **Booth(s): A**

Neo Water Treatment is the wastewater treatment business of Neo Performance Materials, Inc., a leading global supplier of rare earth advanced materials used in a wide range of industry sectors.

Contact: Bill Pettit, 8101 E. Prentice Ave Ste 525, Greenwood Village, CO 80111, tel: 724-309-9720, b.pettit@neomaterials.com, www.neowatertreatment.com

New England Environmental Equipment, Inc. **Booth(s): 438-441 & 446-448**

New England Environmental Equipment, Inc., servicing the six New England states since 1993, represent twelve leading manufacturers in the wastewater, stormwater and drinking water industries.

Contact: Bob Mack, 1 DeAngelo Dr, Bedford, MA 01730, tel: 781-275-1001, bob@ne3inc.com, www.ne3inc.com

NEXOM **Booth(s): 444, 452, 453, 460, 461, 469**

The wastewater industry has seen how nutrients have exposed the limits of existing solutions.

Nexom designs and supplies the next wave of proven technologies for cleaner water so municipalities and industries can confidently meet and exceed every treatment

Contact: Jim Deluca, 154 West Grove St Unit D, Middleboro, MA 02346, tel: 508-947-5777, jdeluca@aquasolutionsinc.net, www.aquasolutionsinc.net, Rep: Aqua Solutions, Inc.

Next Turbo **Booth(s): 444, 452, 453, 460, 461, 469**

Next Turbo designs and manufacturers highest efficiency, modern integrally geared single stage turbocompressors for the aeration process focused mainly on the waste water treatment industry.

Contact: Jim Deluca, 154 West Grove St Unit D, Middleboro, MA 02346, tel: 508-947-5777, jdeluca@aquasolutionsinc.net, www.aquasolutionsinc.net, Rep: Aqua Solutions, Inc.

Nivelco / JWB Co. **Booth(s): 422-425 & 430-433**

Nivelco, USA, is an undustry leader in non contact and contact level monitoring instrumentation. Technologies include ultrasonic, radar, & guide wave radar.

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

NORESCO **Booth(s): 418**

NORESCO is an infrastructure project developer serving municipal water and wastewater utilities and other government and institutional customers.

Contact: John DiModica, 1 Research Dr Ste 400C, Westborough, MA 01581, tel: 617-945-3699, jdmodica@noresco.com, www.noresco.com

Nuvoda **Booth(s): 444, 452, 453, 460, 461, 469**

Nuvoda was founded in 2006 as Renewable Fibers, LLC with the vision of using the core of the kenaf plant as an additive in wastewater treatment to assist in the biological processes which drive modern wastewater treatment.

Contact: Jim Deluca, 154 West Grove St Unit D, Middleboro, MA 02346, tel: 508-947-5777, jdeluca@aquasolutionsinc.net, www.aquasolutionsinc.net, Rep: Aqua Solutions, Inc.

Oakson **Booth(s): 483**

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.

Contact: Rob Sarmanian, 6 Sargent St, Gloucester, MA 01930, tel: 978-282-1322, rob@oakson.com, www.oakson.com

Ober-Read & Associates (Event Sponsor) **Booth(s): 408**

Ober-Read & Associates is a Manufacturers Representative providing pump and aeration blower products to the Water Treatment industry.

Contact: Scott Strang, 31 Business Park Dr Unit H, Branford, CT 06405, tel: 203-481-0341, info@ober-read.com, www.ober-read.com

Opti Float/Cox Research / JWB Co. **Booth(s): 422-425 & 430-433**
Opti Float - The Opti-Float® level detector is a revolutionary innovation in float switches. It's mercury and lead free and is built to last for years of service.
Contact: James Birkenberger, JWB Company, 65 August Ave, Wolcott, CT 06716. Tel: (203)879-6959, jamie@jwbcompany.net, www.jwbcompany.net, Rep: JWB Company

OR-TEC, Inc. **Booth(s): 401-406**
OR-TEC is a customer-oriented company that designs, manufactures and markets high quality sludge dewatering, chemical dosing, flotation, screening and conveying equipment.
Contact: Tyler Richard, 14500 Industrial Ave, South, Cleveland, OH, tel. 216-475-5225, tyler@or-tec.com, Rep: F.R. Mahony & Associates, Inc.

Orenco Systems Inc. **Booth(s): 172**
Since 1981, Orenco Systems, Inc. has researched, designed, and manufactured innovative onsite and decentralized wastewater collection and treatment technologies.
Contact: Christopher Hayward, 814 Airway Ave, Sutherlin, OR 97479, tel: 541-459-4449, chayward@orencos.com, www.orencos.com

P&H Senesac, Inc. **Booth(s): 103**
Mobile Sludge Dewatering Services
Contact: Alyssa Newell, PO Box 577, Milton, VT 05468, tel: 802-524-7013, phsenesacinc@gmail.com,

PeopleGIS **Booth(s):**
PeopleGIS is a cloud-based municipal software provider specializing in DPW services. Our SimpliCITY suites include Water/Sewer/Stormwater/Streets Asset Management, Work Order Management, CompleteFleet, SnowOps, and more.
Contact: Jennifer McGarry, 500 W Cummings Pk, Ste 3900, Woburn, MA 01801, tel: 617-625-3608, jennifer@peoplegis.com

PICA Corp **Booth(s): 147**
PICA has been in the watermain condition assessment for more than 20 years and is the pioneer of the highest-resolution condition assessment for water and wastewater mains
Contact: Edward Brain, 4909 75th Ave, Eddmonton, AB T6B 2S3, tel: 514-703-9009, ebrain@picacorp.com, www.picacorp.com

POND Technical **Booth(s): 434**
POND Technical has been providing water and waste water treatment solutions in New England since 1962, with world class instrumentation
Contact: Bob Osnoe, 100 Sebethe Dr, Cromwell, CT 06416, tel: 860-316-2570, rosnoe@pondtechnical.com, www.pondtechnical.com

Pribusin, Inc. / JWB Co. **Booth(s): 422-425 & 430-433**
Pribusin offers unique and unsurpassed telemetry products for the water and wastewater industry.
Contact: James Birkenberger, JWB Company, 65 August Ave, Wolcott, CT 06716. Tel: (203)879-6959, jamie@jwbcompany.net, www.jwbcompany.net, Rep: JWB Company

PRIMEX Controls **Booth(s): 188**
National recognized leader of complete water and wastewater solutions. As a full-service water treatment solutions provider, systems integrator, and original equipment manufacturer, we offer a broad end-to-end suite of products and services.
Contact: Dylan Magers, 22650 County Hwy 6, Detroit Lakes, MN 56501, tel: 207-998-8100, dylan.harmonco@gmail.com, www.primexcontrols.com

Pump Systems Inc. **Booth(s): 486**
Manufacturers Representative of Pumps and Controls for the Municipal Wastewater Industry. Proudly representing Ebara submersible pumps and USEMCO custom built skids and stations
Contact: John Benham, PO Box 269, Franklin, NH 03235, tel: 603-934-7100, jbenham@pumpsystemsinc.com, www.PumpSystemsInc.com

Purafil, Inc. **Booth(s): 401-406**
Purafil is the leading global supplier of gas phase air filtration media and systems that protect people, processes, and environments.
Contact: Marketing, 2654 Weaver Way, Doraville, GA 30340 tel: 770-662-8545, marketing@purafil.com, Rep: F.R. Mahony & Associates, Inc.

PVP **Booth(s): 446**
Penn Valley Pump Company, Inc. Since 1980 the Double Disk positive displacement pump has been a leader for municipal and industrial sludge, scum and septage.
Contact: Bob Mack, 1 DeAngelo Dr, Bedford, MA 01730, tel: 781-275-1001, bob@ne3inc.com, www.ne3inc.com, Rep: NE3

R.H. White Construction Co., Inc. (Event Sponsor) **Booth(s): 105**
R.H. White Construction specializes in utility, mechanical, water/wastewater and building construction services and solutions as well as the operation and management of treatment plants through its water utility division, WhiteWater, Inc.
Contact: Christopher Devaney, 41 Central St, Auburn, MA 01501, tel: 508-832-3295, cdevaney@rhwhite.com, www.rhwhite.com

RACO Manufacturing & Engineering / JWB Co. **Booth(s): 422-425 & 430-433**
Raco Manufacturing & Engineering Co., offers a complete line of systems for remote site monitoring that include phone line, Ethernet/OPC, cellular/wireless and internet based.
Contact: James Birkenberger, JWB Company, 65 August Ave, Wolcott, CT 06716. Tel: (203)879-6959, jamie@jwbcompany.net, www.jwbcompany.net, Rep: JWB Company

Rain for Rent **Booth(s): 457**
Rain for Rent is a leading provider of temporary liquid handling solutions including pumps, tanks, filtration and spill containment.
Contact: Greg Pray, 28 Trolley Crossing, Charlton, MA 01507, tel: 508-987-0042, gpray@rainforrent.com, www.rainforrent.com

Raven Lining Systems **Booth(s): 170**
Raven Lining Systems is an industry leader in high build 100% solids epoxy linings for the protection and rehabilitation of wastewater, water and storm-water infrastructure for 30 years.
Contact: Jeff Croll, 686 S Adams St, Kansas City, KS 66105, tel: 918-899-0996, crollj@ravenlining.com, www.ravenlining.com

RCAP Solutions, Inc. **Booth(s): 178**
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.
Contact: Jim Starbard, 191 May St, Worcester, MA 01602, tel: 978-502-0227, jstarbard@rcapsolutions.org, www.rcapsolutions.org

Redzone **Booth(s): 448**
Redzone's robots are multi-sensor autonomous robots providing 180 degree visual inspection, laser pipe profiling for wear and material build-up, sonar for submerged debris build-up.
Contact: Bob Mack, 1 DeAngelo Dr, Bedford, MA 01730, tel: 781-275-1001, bob@ne3inc.com, www.ne3inc.com, Rep: NE3

REXA **Booth(s): 444, 452, 453, 460, 461, 469**
REXA Linear and Rotary Actuators can provide reliable and accurate operation over a long period of time with virtually no maintenance costs.
Contact: Jim Deluca, 154 West Grove St Unit D, Middleboro, MA 02346, tel: 508-947-5777, jdeluca@aquasolutionsinc.net, www.aquasolutionsinc.net, Rep: Aqua Solutions, Inc.

RMI & Shincci-USA (Event Sponsor) **Booth(s): 211**
RMI is a leader in organic residuals management throughout the northeast. RMI annually recycles over 300,000 yards of residuals and has an established reputation for high quality products and excellent services for municipal wastewater treatment facilities
Contact: Shelagh Connelly, 1171 NH RT 175, Holderness, NH 03245, tel: 603-536-8900, shelagh.connelly@rmirecycles.com, www.rmirecycles.com

Rockwell Automation	Booth(s): 207
Rockwell Automation, Inc., the world's largest company dedicated to industrial automation and information, makes its customers more productive and the world more sustainable. Contact: Michael Quirk, 100 Nickerson Rd, Marlboro, MA 01752, tel: 508-817-6346, mquirk@ra.rockwell.com, www.rockwellautomation.com	
Russell Resources Inc.	Booth(s): 454-456 & 462-464
We represent some of the most innovative, robust, and energy-efficient brands in the Water and Wastewater Industries. Our principals pride themselves on providing long-lasting and low cost of ownership solutions. Whatever your problem is, we'll find a solution! Contact: James Russell, PO Box 3276, Brewer, ME 04412, tel: 207-989-0591, jrussell@r-r-inc.com,	
RV-Tidflex	Booth(s): 447
Since 1953, Red Valve – Tidflex has manufacturer Pinch Valves and Tidflex Check valves. The Tidflex Aeration system is an efficient clog-free coarse bubble system Contact: Bob Mack, 1 DeAngelo Dr, Bedford, MA 01730, tel: 781-275-1001, bob@ne3inc.com, www.ne3inc.com, Rep: NE3	
RW Gate	Booth(s): 444, 452, 453, 460, 461, 469
RW Gate Company designs and manufactures the highest quality, longest lasting water control gates and related equipment used in the water/wastewater industry and others employing water control systems Contact: Jim Deluca, 154 West Grove St Unit D, Middleboro, MA 02346, tel: 508-947-5777, jdeluca@aquasolutionsinc.net, www.aquasolutionsinc.net, Rep: Aqua Solutions, Inc.	
Saf-T-Flo / BAU Hopkins	Booth(s): 422-425 & 430-433
Saf-T-Flo specializes in manufacturing chemical injection quills, sampling probes for chemical feed systems in the municipal, industrial & commercial water treatment industries. Contact: Alan Hopkins - ahopkins@bauhopkins.com or Bob Hopkins - bhopkins@bauhopkins.com, tel: 508-699-9300, www.bauhopkins.com Rep: BAU/Hopkins	
Sanitaire/Xylem	Booth(s): 153
Biological Process Solutions, SBR Technology (ICEAS), Oxidation Ditch, Optimized Aeration/Mixing Solutions, Aerobic Digester Solutions, Process Controls, and Fine Bubble and Coarse Bubble Aeration Systems Contact: Peter Kibble, c/o The Maher Corporation 192 Pleasant St, Rockland, MA 02370, tel: 781-421-2600, pkibble@themahercorp.com, Rep: The Maher Corporation	
Savy & Sons	Booth(s): 416
Full-service waterproofing & infrastructure restoration contractor specializing in Water & Wastewater Rehabilitation, Epoxy Coatings & Linings, Infrastructure Restoration, Pipe Lining Services and Media Blasting. Contact: Alex Czerwinski, 612 Church St, Amston, CT 06231, tel: 860-682-7500, alex@savyandsons.com, www.savyandsons.com	
Scavin equipment Co LLC (Event Sponsor)	Booth(s): 112
SEWER CLEANING AND PIPE INSPECTION EQUIPMENT Contact: Jon Gotchis, 101 Roosevelt St, New Britain, CT 06051, tel: 860-944-8340, jgotchis@scavinequip.com, www.scavinequip.com	
Schulz Group, Power Systems by Timken	Booth(s): 189
The Schulz Group, Power Systems by Timken, has been an industry leader in electric motor, controls and generator services for over 100 years. Contact: Dan Deyesso, 30 Gando Dr, New Haven, CT 06513, tel: 203-562-5811, dan.deyesso@schulzelectric.com, www.schulzgroupusa.com	
Sealing Systems, Inc.	Booth(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 Ste 1, Loretto, MN 55357, tel: 763-478-2057, paulw@ssisealingsystems.com, www.ssisealingsystems.com	

Seepex	Booth(s): 444, 452, 453, 460, 461, 469
SEEPEx Progressive Cavity Pumps with Smart Conveying Technology (SCT) has proven itself in numerous applications in the environmental industry. This intelligent, patented technology significantly improves whole life costs Contact: Jim Deluca, 154 West Grove St Unit D, Middleboro, MA 02346, tel: 508-947-5777, jdeluca@aquasolutionsinc.net, www.aquasolutionsinc.net, Rep: Aqua Solutions, Inc.	
Seepex Inc.	Booth(s): 467
SEEPEx Progressive Cavity Pumps develops, manufactures and globally markets progressive cavity pumps for delivering low to highly-viscous, aggressive and abrasive media in the environmental, chemical, food, paper, petroleum and gas Contact: Chris Davis, 76 Woodmont Dr, N Kingstown, RI 02852, tel: 401-479-7103, cdavis@seepex.com, www.seepex.com	
Shea Concrete Products	Booth(s): 493
Shea Concrete Products has served the New England construction industry for over 70-years producing the highest-quality precast concrete products Contact: Hugh Scott, PE, 87 Haverhill Rd, Amesbury, MA 01913, tel: 978-447-2041, hscott@sheaconcrete.com, www.sheaconcrete.com	
Shelter Works	Booth(s): 401-406
Shelter Works is an American-based manufacturer of custom-designed fiberglass buildings in business for 25 years and dedicated to delivering the right protective solution and optimal operating environment for your critical field equipment. Contact: John Swanson, 2616 S. 3rd St, St. Louis, MO, tel 314-720-1706, jswanson@shelterworks.com, Rep: F.R. Mahony & Associates, Inc.	
SmartCover Systems	Booth(s): 214
SmartCover® is a pioneering technology company serving the wastewater industry. By predicting, detecting and preventing sewer spills Contact: Philip Brenner, 2110 Enterprise St, Escondido, CA 92029, tel: 484-401-1323, pbrenner@smartcoversystems.com, www.smartcoversystems.com	
SNF Polydyne	Booth(s): 407
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 Contact: Tim Terry, 1 Chemical Plant Rd, Riceboro, GA 31323, tel: 912-884-3366, tterry@polydyneinc.com, www.us.snf.com	
SP Kinney Strainers	Booth(s): 444, 452, 453, 460, 461, 469
S.P. Kinney Engineers, Inc. is a family owned and operated engineering and manufacturing company that is located in Pittsburgh, PA with a satellite manufacturing facility in Richmond, VA. Contact: Jim Deluca, 154 West Grove St Unit D, Middleboro, MA 02346, tel: 508-947-5777, jdeluca@aquasolutionsinc.net, www.aquasolutionsinc.net, Rep: Aqua Solutions, Inc.	
Spencer / BAU Hopkins	Booth(s): 422-425 & 430-433
Aeration blowers including high-efficiency Power Mizer® cast centrifugal and high-speed AyrJet® turbo blowers featuring magnetic bearing technology. Customer engineered and fabricated gas pressure booster blowers and packages for digester and biogas applications. Contact: Alan Hopkins - ahopkins@bauhopkins.com or Bob Hopkins - bhopkins@bauhopkins.com, tel: 508-699-9300, www.bauhopkins.com, Rep: BAU/Hopkins	
SPIRAC	Booth(s): 157
SPIRAC provides advanced screening solutions for water & wastewater along with shaftless spiral technology for screenings and sludge handling. Contact: Peter Kibble, c/o The Maher Corporation 192 Pleasant St, Rockland, MA 02370, tel: 781-421-2600, pkibble@themahercorp.com, Rep: The Maher Corporation	

Spire Metering Technology Booth(s): 206
Manufacturer of ultrasonic and electromagnetic flow and energy metering instrumentation for municipalities, institutions and industry. Local presence, global reach.
Contact: John Downey, 249 Cedar Hill St, Marlborough, MA 01752, tel: 781-690-0094, john.downey@spireMT.com, www.spireMT.com

Sprayroq, Inc. Booth(s): 185
Fast-curing structural and chemical-resistant polyurethane coatings for rehabilitation and protection of underground infrastructure
Contact: Chip Johnson, 4766 Grantswood Rd Ste 150, Irondale, AL 35210, tel: 205-957-0020, cjohnson@sprayroq.com, www.sprayroq.com

SPX Flow, Inc. - Lightnin Mixers Booth(s): 401-406
With over 90 years of unrivaled experience in mixing technology, process knowledge, and technological innovations, Lightnin enjoys a global reputation for durable, long-lasting mixers, agitators, aerators, flocculators and impeller designs for fluid processing systems.
Contact: John Ellis, 135 Mt. Read Blvd, Rochester, NY 14611, tel: 585-436-5550, lightnin@spxflow.com, Rep: F.R. Mahony & Associates, Inc.

Stacey DePasquale Engineering, Inc. (Gold Sponsor) Booth(s): 451
Stacey DePasquale Engineering, Inc. (SDE) has provided wastewater & storm water related services to numerous private and public clients since 1999.
Contact: Stacey DePasquale, 354 Merrimack St, Ste 200, Lawrence, MA 01843, tel: 978-975-0500, sdepasquale@sde-inc.com, www.sde-inc.com

StormTrap Booth(s): 145
StormTrap offers solutions for managing runoff, protecting waterways and improving the use of property. It is committed to providing cost-effective, customized water management solutions to engineers, owners, and municipalities across North America and abroad.
Contact: Patrick Gordon, 1287 Windham Pkwy, Romeoville, IL 60446, tel: 815-941-4549, pgordon@stormtrap.com, www.stormtrap.com

SUEZ (Gold Sponsor) Booth(s): 200, 201
SUEZ North America operates across all 50 states and Canada with 2,825 employees dedicated to environmental sustainability and smart and sustainable resource management.
Contact: Ghiliane Soto, 461 From Rd #400, Paramus, NJ 07652, tel: 551-267-4517, ghiliane.soto@suez.com, www.suez-na.com

Suez Wastewater Treatment Booth(s): 444, 452, 453, 460, 461, 469
With Suez Wastewater Treatment we can offer a leader in end-to-end complete systems for water and wastewater treatment.
Contact: Jim Deluca, 154 West Grove St Unit D, Middleboro, MA 02346, tel: 508-947-5777, jdeluca@aquasolutionsinc.net, www.aquasolutionsinc.net, Rep: Aqua Solutions, Inc.

SULLIVAN ASSOCIATES/RITEC ENVIRONMENTAL Booth(s): 458
CHEMICAL FEED INSTRUMENTATION AND PROCESS AUTOMATION
Contact: PETE WILLIAMS, 29 Lincoln St, East Boothbay, ME 04544, tel: 207-633-3111, pete.williams@ritec.com,

Sunbelt Rentals - Pump Solutions Booth(s): E
Sunbelt Pump Solutions delivers full turnkey services, including project design, setup, maintenance, and engineered solutions.
Contact: John LaCortiglia, 800 Hartford Turnpike Rte 20, Shrewsbury, MA 01545, tel: 860-595-7929, john.lacortiglia@sunbeltrentals.com, www.sunbeltrentals.com

Synagro Northeast, LLC (Silver Sponsor) Booth(s): 180
Founded in 1986, Synagro Technologies, Inc. provides environmentally sustainable solutions for commercial and municipal organizations that generate organic by-products.
Contact: Pat Rimkoski, 435 Williams Court Ste 100, Baltimore, MD 21220, tel: 860-483-0160, primkoski@synagro.com, www.synagro.com

Technology Sales Associates Booth(s): 426-429 & 501-504
Manufacturer's representative of Environmental Process technologies throughout the 6 New England states
Contact: Michael Caso, 402 Amherst St Ste 301, Nashua, NH 03063, tel: 508-878-7641, mcaso@techsalesne.com, www.techsalesne.com

Ted Berry Co., A Vortex Company Booth(s): 113, 115
As part of the Vortex Companies, Ted Berry now features the unique combination of local expertise, trusted relationships, and a full suite of trenchless solutions to take on nearly every aspect of your rehabilitation project.
Contact: Connor Collier, 18150 Imperial Valley Dr, Houston, TX 77060, ccollier@vortexcompanies.com,

Teledyne ISCO Booth(s): 439
Teledyne ISCO is a leading manufacturer/supplier of wastewater samplers and flow meters. The LASER flow sensor is a non-contact sensor retrievable from street level.
Contact: Bob Mack, 1 DeAngelo Dr, Bedford, MA 01730, tel: 781-275-1001, bob@ne3inc.com, www.ne3inc.com, Rep: NE3

TenCate Booth(s): 212
TenCate, an international manufacturer of engineered textiles, manufacturers Geotube® containers for building marine structures, containment and dewatering residuals, sediments and sludge.
Contact: Teresa Meeks, 3680 Mt Olive Rd, Commerce, GA 30529, tel: 706-693-1855, t.meeks@tencategeo.com,

The MAHER Corporation (Gold Sponsor) Booth(s): 152-158 & 181
Celebrating 50 years! Please visit the following companies in Booths 152-158 & 181. Boerger, ECS, Xylem, Vapex, Brentwood, Waco, Biorem, Watson Marlow, Spirac, Trojan, Valmet, GEA Westfalia, Lakeside.
Contact: Peter Kibble, c/o The Maher Corporation 192 Pleasant St, Rockland, MA 02370, tel: 781-421-2600, pkibble@themahercorp.com

Thompson Pipe Group Booth(s): 203
Contact: Thomas Jankowski, 1003 MacArthur Blvd, Grand Prairie, TX 75050, tel: 469-313-2569, tjankowski@thompsonpipegroup.com, www.thompsonpipegroup.com

Toshiba / JWB Co. Booth(s): 422-425 & 430-433
Toshiba offers electromagnetic flowmeters & microwave density (consistency) analyzers. All Toshiba electromagnetic flow meters are backed by a 10-year warranty.
Contact: James Birkenberger, JWB Company, 65 August Ave, Wolcott, CT 06716. Tel: (203)879-6959, jamie@jwbcompany.net, www.jwbcompany.net, Rep: JWB Company

TriNova Booth(s): C
TriNova works with clients from a broad spectrum of industries to provide solutions to all your instrumentation needs.
Contact: Kevin Bischoping, 2 McCrea Hill Rd, Ballston Spa, NY 12020, tel: 518-490-9959, kevin.bischoping@trinovainc.com, www.trinovainc.com

TrojanUV Booth(s): 157
TrojanUV designs and manufactures UV disinfection systems for municipal wastewater and drinking water. We are the largest UV water treatment company in the world.
Contact: Peter Kibble, c/o The Maher Corporation 192 Pleasant St, Rockland, MA 02370, tel: 781-421-2600, pkibble@themahercorp.com, Rep: The Maher Corporation

Truax Corporation Booth(s): 143
We are a full-service catch basin and drain maintenance company. Our services include catch basin cleaning, storm drain maintenance, high velocity pipe flushing, closed circuit television inspections and lateral lining.
Contact: Lloyd Truax, PO Box 2186, Plainville, MA 02762, tel: 508-316-0979, lloyd@truaxcorporation.com, www.truaxcorporation.com

Trumbull	Booth(s): 194
Trumbull is a manufacturer of water works product. Including waterworks tools, valve operating accessories, chainwheels, valve position indicators, miter gears, pipe supports, composite manhole frames and covers, mud valves, hydrostatic tank prv's, polywrap, zinc anode caps and other products. Contact: Vic Dasbach, 3850 Hendricks Rd, Youngstown, OH 44515, tel: 330-307-1217, vdasbach@trumbull.com	
United Concrete - Building Group	Booth(s): 141
Precast concrete buildings; Pump control buildings; Generator Buildings; Chemical storage Buildings; Complete factory built sewer and domestic water pump stations Contact: Jonathan Duffy, 173 Church St, Yalesville, CT 06492, tel: 203-678-0587, jduffy@unitedconcrete.com, www.unitedconcrete.com	
United Rentals Fluid Solutions	Booth(s): 215
Contact: Monty Hart, 102 Old Worcester Rd, Oxford, MA 01540, mhart1@ur.com	
USABlueBook	Booth(s): 459
USABlueBook is the water and wastewater industry's leading source for MRO equipment and supplies. Over 64,000 Items • Ultra-Fast Delivery • Personal Customer Service • Expert Technical Support • 100% Satisfaction Guarantee. Request your FREE catalog Contact: Joe Joubert, PO Box 9005, Gurnee, IL 60031, tel: 800-548-1234, jjoubert@usabluebook.com, www.usabluebook.com	
USP Technologies	Booth(s): 190
USP Technologies (formerly US Peroxide) has been an industry leader of full service odor and corrosion control programs for over 20 years. Contact: Inken Mello, 1375 Peachtree St NE Ste 300N, Atlanta, GA 30309, tel: 858-245-7883, mgibbs@uspstechnologies.com, www.usptechnologies.com	
Valmut	Booth(s): 158
Valmet is a leading global developer and supplier of innovative technologies. A world leader in automation in the area of sludge solids measurements and control. Contact: Peter Kibble, c/o The Maher Corporation 192 Pleasant St, Rockland, MA 02370, tel: 781-421-2600, pkibble@themahercorp.com, Rep: The Maher Corporation	
Vapex	Booth(s): 153
Vapex™ Radical Technology remediates FOG, treats odors and mitigates MIC. Vapex units are small, energy & cost efficient and highly effective. Contact: Peter Kibble, c/o The Maher Corporation 192 Pleasant St, Rockland, MA 02370, tel: 781-421-2600, pkibble@themahercorp.com, Rep: The Maher Corporation	
Veolia Water Technologies (dba Kruger)	Booth(s): 401-406
Kruger, Veolia's US Municipal Solutions, offers innovative, efficient & compact solutions including clarification, separation, biosolids & biological solutions with low installation costs. Contact: Tabitha Atkinson, 4001 Weston Pkwy, Cary, NC 27513, tel: 919-677-8310, usmunicipal@veolia.com, Rep: F.R. Mahony & Associates, Inc.	
Verder / BAU Hopkins	Booth(s): 422-425 & 430-433
Peristaltic Hose & Tube Pumps. The unique design of Verder Peristaltic Pumps make them ideally suited to a wide range of application areas. Contact: Alan Hopkins - ahopkins@bauhopkins.com or Bob Hopkins - bhopkins@bauhopkins.com, tel: 508-699-9300, www.bauhopkins.com, Rep: BAU Hopkins	
Victaulic	Booth(s): 208
Victaulic is the leading producer of mechanical pipe joining solutions. We build technologies and provide engineering services that address the most complex piping challenges faced by engineers, site owners, contractors, and distributors. Contact: marc shaffer, 4901 Kesslersville Rd, Easton, PA 18040, tel: 781-254-4192, marc.shaffer@victaulic.com, www.victaulic.com	

VIR Proteus	Booth(s): 202
We are North America's official distributor for Proteus sewer inspection equipment, parts and accessories. Contact: Chase Dehne, 12600 Newburgh Rd, Livonia, MI 48150, tel: 248-921-9447, chase@virproteus.com, www.visualimagingresources.com	
Waco	Booth(s): 154
Flow control slide gates, weir gates and tilting weirs, stop gates, stop logs, flap gates, and telescopic valves. Static barscreens, screen gates, and debris baskets. Contact: Peter Kibble, c/o The Maher Corporation 192 Pleasant St, Rockland, MA 02370, tel: 781-421-2600, pkibble@themahercorp.com, Rep: The Maher Corporation	
Walker Process Equipment - Division of McNish Corporation	Booth(s): 401-406
Since 1946 Walker Process has been solely dedicated to designing and manufacturing equipment for the Water and Wastewater Industry in Aurora, IL. Contact: Jeff Thomas, 840 N. Russell Ave., Aurora, IL 60506, tel: 630-264-5213, jthomas@walker-process.com, Rep: F.R. Mahony & Associates, Inc.	
Walker Wellington, LLC	Booth(s): 475-477
Portsmouth, NH. Serving the Water and Wastewater industry since 1985. Representing Vaughan, Huber Technology, Andritz, Wangen, Velodyne, CMI, BlueNGreen. Contact: Henry Russell, PO Box 308, Portsmouth, NH 03802, tel: 603-498-2384, henry@walkerwellington.com,	
Water Analytics	Booth(s): 205
US Manufacturer of Controllers and Sensors for water quality monitoring and process control. Key areas of interest are Wastewater and Process Water. Primary parameters are pH, ORP, Conductivity, Dissolved Oxygen, Flow and FOG monitoring. Contact: Jeffrey Aghjayan, 100 School St, Andover, MA 01810, tel: 978-749-9949 x0704, jaghjay@wateranalytics.net, www.wateranalytics.net	
Watson Marlow	Booth(s): 156
Watson Marlow is the world's largest peristaltic pump company with tubing and hose pumps that provide precise flow and control for chemical metering and sludge applications. Contact: Peter Kibble, c/o The Maher Corporation 192 Pleasant St, Rockland, MA 02370, tel: 781-421-2600, pkibble@themahercorp.com, Rep: The Maher Corporation	
WATTS (Event Sponsor)	Booth(s): D
For over 140 years, we have been committed to improving the comfort, safety, and quality of life for people around the world through our expertise in water technologies. Contact: Ralph Guevarez, 815 Chestnut St, North Andover, MA 01845, tel: 978-689-6044, ralph.guevarez@wattswater.com, www.watts.com	
Wescor Associates, Inc.	Booth(s): 410-413 & 473-474 & 481-482 & 489-490
Manufacturer's Representative for over 40 years. Representing leading companies in the water and wastewater fields. Process Equipment-Blowers, Clarifiers, Chem Feed, Screens, Grit, Odor, Pumping, Liquid/Solids Separation. Contact: Bill Montanaro, Jr., PO Box 370, Wrentham, MA 02093, tel: 508-384-8921 x4, billjr@wescor1.net, www.wescor1.net	
WesTech Engineering Inc.	Booth(s): 175
WesTech Engineering, Inc. is an employee-owned, global company with more than 45 years of experience in municipal water and wastewater treatment, Contact: Matt Williams, 3665 W. Temple, Salt Lake City, UT 84115, 801-290-1509, mwilliams@westech-inc.com. Rep: David F. Sullivan & Assoc., Inc.	
WhiteWater	Booth(s): 106
Currently celebrating our 40th anniversary, WhiteWater specializes in operating, managing, and maintaining water and wastewater systems to exacting standards of quality and performance. Contact: Russell Tierney, 253B Worcester Rd, Charlton, MA 01507, tel: 508-832-3295, rtierney@rhwhite.com, www.whitewateronline.com	

Williamson Pump & Motor**Booth(s): 184-188**

Williamson is a full service pump & motor company. We specialize in pump repair, motor rewinding, planned maintenance on pumping systems for homeowners and businesses, structural rehabilitation, HVAC, wastewater and potable water, VFDs and generators.

Contact: Russ Clark, 25 Griffin Way, Chelsea, MA 02150, tel: 617-884-9200, russc@weco-group.com

WILO**Booth(s): 444, 452, 453, 460, 461, 469**

Wilco USA offers durable submersible pumps for portable, wet pit, and dry well installation, along with a full lineup of energy efficient submersible mixers and internal recycle pumps.

Contact: Jim Deluca, 154 West Grove St Unit D, Middleboro, MA 02346, tel: 508-947-5777, jdeluca@aquasolutionsinc.net, www.aquasolutionsinc.net, Rep: Aqua Solutions, Inc.

Worcester Polytechnic Institute**Booth(s): 409**

Emphasizing contemporary topics and emerging research, the WPI Environmental Engineering program covers advanced water-quality topics, including water flow, analysis, chemistry, treatment, hydraulics, and resource management.

Contact: Lisanne Hann, Corporate and Professional Education, 100 Institute Rd, Worcester, MA 01609, tel: 508-831-6594, lhann@wpi.edu, www.wpi.edu/academics/online

Xylem Dewatering Solutions Inc. - Flygt Pumps**Booth(s): 148**

Flygt - a xylem brand, is the technological leader in wastewater market, the originator of the heavy duty electrical submersible pump.

Contact: Tom Malone, 99 Stockhouse Rd, Bozrah, CT 06334, tel: 860-889-2343, tom.malone@xylem.com, www.xylem.com/en-US/

Xylem Dewatering Solutions Inc. - Godwin Pumps**Booth(s): 216**

Godwin, a Xylem brand, maintains a fleet of over 20,000 portable rental pumps and 3,200 pieces of related equipment for dewatering use

Contact: Tom Malone, 99 Stockhouse Rd, Bozrah, CT 06334, tel: 860-889-2343, tom.malone@xylem.com, www.xylem.com/en-US/brands/godwin/

YSI**Booth(s): 440**

YSI process monitoring system provides continuous feedback, is SCADA compatible, Sensors include: DO, pH, ORP, Phosphorus, Nitrate, Ammonium, TSS, Turbidity and many more.

Contact: Bob Mack, 1 DeAngelo Dr, Bedford, MA 01730, tel: 781-275-1001, bob@ne3inc.com, www.ne3inc.com, Rep: NE3

Exhibitor Category Directory



Air Quality, Odor Control

Aerus, LLC / 209, 210

Atlantic Fluid Technology
Inc. / 479, 480, 487, 488,
495, 496 505, 506

Boyson and Associates, Inc.
/ 497, 498

Casella Organics / 150

CST / 176

Environmental Dynamics
International / 164

Evoqua Water Technologies
/ 177

F. R. Mahony & Associates,
Inc. / 401-406

Flow Tech, Inc. / 171

Ober-Read & Associates
/ 408

POND Technical / 434

Russell Resources Inc.
/ 454-456, 462-464

Technology Sales Associates
/ 426-429, 501-504

The MAHER Corporation
/ 152-159, 181

United Concrete - Building
Group / 141

USP Technologies / 190

Wescor Associates, Inc.
/ 410-413, 473-474,
481-482, 489-490



Biosolids/Sludge

AQUA SOLUTIONS, INC.
/ 444, 452, 453, 460.461.
469

BDP Industries / 165

Biowaste Pyrolysis
Solutions, LLC / 204

Boyson and Associates, Inc.
/ 497, 498

Casella Organics / 150

CST / 176

David F. Sullivan &
Associates, Inc., / 173

Denali Water Solutions, LLC.
/ 494

Environmental Dynamics
International / 164

Evoqua Water Technologies
/ 177

F. R. Mahony & Associates,
Inc. / 401-406

Flottweg Separation
Technology / 166

GA Fleet - Fleet
Pump&Service / 137

Hach / 193

Howden / 165

Hubbard-Hall Inc. / 179

Maltz Sales Company / 160

Mechanical Solutions Inc.
/ 102, 104

MWH Constructors / 195

National Filter Media / 126

Neo Water Treatment / A

New England Environmental
Equipment, Inc. / 438-441,
446-448

NORESCO / 418

P&H Senesac, Inc. / 103

RMI & Shincci-USA / 211

Russell Resources Inc. /
454-456, 462-464

SNF Polydyne / 407

Synagro Northeast, LLC
/ 180

Technology Sales Associates
/ 426-429, 501-504

TenCate / 212

The MAHER Corporation
/ 152-159, 181

Wescor Associates, Inc.
/ 410-413, 473-474,
481-482, 489-490

/ ### = Exhibit Hall Booth Number



Laboratory Services and Supplies

Hach / 193

SNF Polydyne / 407

Maltz Sales Company / 160

USABlueBook / 459

New England Environmental
Equipment, Inc. / 438-441, 446-448



Computer Hardware, Software, Asset Management Software & Cloud Services

Boyson and Associates, Inc.
/ 497, 498

Hach / 193

NORESCO / 418

CUES / 109

ITpipes / 198

PeopleGIS / 118

Environmental Dynamics
International / 164

J.F. McDermott Corporation
/ 419

RCAP Solutions, Inc. / 178

Evoqua Water Technologies
/ 177

LLumin, Inc. / 101

Rockwell Automation / 207

FlowWorks / 443

Martindale Associates Inc
/ 168

VIR Proteus / 202

Water Analytics / 205



Stormwater Detention, Retention, Conveyance & Treatment

CUES / 109

Blake Group Holdings / 191

New England Environmental
Equipment, Inc. / 438-441,
446-448

Diversified Infrastructure
Services INC. / 217

Environmental Dynamics
International / 164

Duperon Corp. / 174

F. R. Mahony & Associates,
Inc. / 401-406

Shea Concrete Products
/ 493

WesTech Engineering Inc.
/ 175

GA Fleet - Fleet Pump &
Service / 137

SNF Polydyne / 407

ADS Environmental Service
/ 437, 445

Howden / 165

Stacey DePasquale
Engineering, Inc. / 451

Advanced Drainage Systems,
Inc. / 138

Infra Pipe Solutions Ltd. / 149

StormTrap / 145

AQUA SOLUTIONS, INC. /
444, 452, 453, 460.461. 469

JWB Company / HACH Flow
Group / RACO Manufacturing
& Engineering / 430-432

Technology Sales Associates
/ 426-429, 501-504

Atlantic Fluid Technology
Inc. / 479, 480, 487, 488,
495, 496 505, 506

MWH Constructors / 195

WATTS / D

Wescor Associates, Inc.
/ 410-413, 473-474,
481-482, 489-490



New Pipe & Collection System Components

Airvac- a brand of
Aqseptence Group
/ 492

Hobas Pipe USA / 142

NORESCO / 418

Atlantic Fluid Technology
Inc. / 479, 480, 487, 488,
495, 496 505, 506

Infra Pipe Solutions Ltd.
/ 149

Oakson / 483

Cretex Specialty Products
/ 199

Mechanical Solutions Inc.
/ 102, 104

Savy & Sons / 416

Diversified Infrastructure
Services INC. / 217

National Water Main
Cleaning Company / 107,
108

Shea Concrete Products
/ 493

Green Mountain Pipeline
Services / 442

New England Environmental
Equipment, Inc. / 438-441,
446-448

Stacey DePasquale
Engineering, Inc. / 451

Thompson Pipe Group / 203

Williamson Pump & Motor
/ 184, 186, 187, 188



Sewer Maintenance, Inspection and Rehab Services

ADS Environmental Services
/ 437, 445

Hobas Pipe USA / 142

Raven Lining Systems / 170

Aegion-Underground
Solutions, Inc.-Insituform
Technologies, LLC / B

Infra Pipe Solutions Ltd.
/ 149

Savy & Sons / 416

Avanti International / 196

ITpipes / 198

Scavin equipment Co LLC
/ 112

Cretex Specialty Products
/ 199

J.F. McDermott Corporation
/ 419

Sealing Systems, Inc. / 144

CUES / 109

JWB Company / HACH
Flow Group / RACO
Manufacturing &
Engineering / 430-432

Sprayroq, Inc / 185

Diversified Infrastructure
Services INC. / 217

Madewell Products. Corp.
/ 499

Ted Berry Co., A Vortex
Company / 113,115

DUKES ROOT CONTROL
/ 491

National Water Main
Cleaning Company / 107,
108

Truax Corporation / 143

EST Associates / 140

New England Environmental
Equipment, Inc. / 438-441,
446-448

USABlueBook / 459

Green Mountain Pipeline
Services / 442

PICA Corp / 147

VIR Proteus / 202

Waterline Renewal
Technologies-APM/LMK
/ 162

WhiteWater / 106

Williamson Pump & Motor
/ 184, 186, 187, 188



Chemicals

Avanti International / 196	Holland Company / 500	The MAHER Corporation / 152–159, 181
Coyne Environmental Services / 127	Hubbard-Hall Inc. / 179	United Concrete - Building Group / 141
Environmental Operating Solutions, Inc (EOSi) / 449	JWB Company / HACH Flow Group / RACO Manufacturing & Engineering / 430–432	USABlueBook / 459
Evoqua Water Technologies / 177	Kemira Water Solutions / 484	USP Technologies / 190
Fusion Environmental Solutions / 466	National Filter Media / 126	Water Analytics / 205
Hach / 193	Russell Resources Inc. / 454–456, 462–464	Wescor Associates, Inc. / 410–413, 473–474, 481–482, 489–490



Flow Monitoring, Instrumentation, Controls and SCADA

ADS Environmental Services / 437, 445	Howden / 165	Schulz Group, Power Systems by Timken / 189
Carl Lueders & Company / 485	JWB Company / HACH Flow Group / RACO Manufacturing & Engineering / 430–432	SmartCover Systems / 214
CSI Controls / 417	LLumin, Inc. / 101	Spire Metering Technology / 206
Diversified Infrastructure Services, Inc. / 217	M.A. Selmon Company, Inc. / 465	SULLIVAN ASSOCIATES/RITEC ENVIRONMENTAL / 458
Environmental Dynamics International / 164	Maltz Sales Company / 160	Ted Berry Co., A Vortex Company / 113, 115
EST Associates / 140	Martindale Associates Inc / 168	TriNova / C
Evoqua Water Technologies / 177	New England Environmental Equipment, Inc. / 438–441, 446–448	Water Analytics / 205
F. R. Mahony & Associates, Inc. / 401–406	Orenco Systems Inc. / 172	WATTS / D
Flow Assessment Services, LLC / 135, 136	POND Technical / 434	Wescor Associates, Inc. / 410–413, 473–474, 481–482, 489–490
Flow Tech, Inc. / 171	Rain for Rent / 457	Williamson Pump & Motor / 184, 186, 187, 188
FlowWorks / 443	Rockwell Automation / 207	
GA Fleet - Fleet Pump & Service / 137	Russell Resources Inc. / 454–456, 462–464	



Tank Component and Coating Systems

Atlantic Fluid Technology Inc. / 479, 480, 487, 488, 495, 496 505, 506	Diversified Infrastructure Services INC. / 217	Raven Lining Systems / 170
Boyson and Associates, Inc. / 497, 498	Maltz Sales Company / 160	Russell Resources Inc. / 454–456, 462–464
CST / 176	Orenco Systems Inc. / 172	Savy & Sons / 416
	Rain for Rent / 457	Shea Concrete Products / 493



Pumps

ABBA Pump Parts & Service / 110	GA Fleet - Fleet Pump & Service / 137	SULLIVAN ASSOCIATES/RITEC ENVIRONMENTAL / 458
Airvac- a brand of Aqseptence Group / 492	Hayes Pump Inc. / 470, 471, 472	Sunbelt Rentals - Pump Solutions / E
Applied Dynamics / 420	JWB Company / HACH Flow Group / RACO Manufacturing & Engineering / 430–432	Ted Berry Co., A Vortex Company / 113, 115
AQUA SOLUTIONS, Inc. / 444, 452, 453, 460, 461, 469	Maltz Sales Company / 160	The MAHER Corporation / 152–159, 181
Associated Electro-Mechanics Inc. / 468	Mechanical Solutions Inc. / 102, 104	Truax Corporation / 143
Atlantic Fluid Technology Inc. / 479, 480, 487, 488, 495, 496 505, 506	New England Environmental Equipment, Inc. / 438–441, 446–448	United Concrete - Building Group / 141
Blake Group Holdings / 191	NORESCO / 418	USABlueBook / 459
Carlsen Systems / 183	Ober-Read & Associates / 408	Wescor Associates, Inc. / 410–413, 473–474, 481–482, 489–490
CST / 176	Pump Systems Inc / 486	WhiteWater / 106
David F. Sullivan & Associates, Inc. / 173	Rain for Rent / 457	Williamson Pump & Motor / 184, 186, 187, 188
EMS New England / 197	RCAP Solutions, Inc. / 178	Xylem Dewatering Solutions Inc - Flygt Pumps / 148
Evoqua Water Technologies / 177	Russell Resources Inc. / 454–456, 462–464	Xylem Dewatering Solutions Inc - Godwin Pumps / 216
F. R. Mahony & Associates, Inc. / 401–406	Seepex Inc. / 467	



Engineering (as a standalone service)

ADS Environmental Services
/ 437, 445

Diversified Infrastructure
Services INC. / 217

ILC Dover / 169

Kimley-Horn and Associates,
Inc. / 415

Kleinfelder / 213

LandTech Consultants, Inc.
/ 111

NORESCO / 418

Shea Concrete Products
/ 493

Stacey DePasquale
Engineering, Inc. / 451

Wescor Associates, Inc.
/ 410-413, 473-474,
481-482, 489-490



Process Equipment and Systems

Applied Dynamics / 420

AQUA SOLUTIONS, INC.
/ 444, 452, 453, 460, 461,
469

Asahi/America, Inc. / 435,
436

Associated Electro-
Mechanics Inc. / 468

Atlantic Fluid Technology Inc.
/ 479, 480, 487, 488, 495,
496 505, 506

Boyson and Associates, Inc.
/ 497, 498

Carlsen Systems / 183

David F. Sullivan &
Associates, Inc. / 173

Duperon Corp. / 174

EMS New England / 197

Environmental Dynamics
International / 164

Environmental Operating
Solutions, Inc (EOSi) / 449

Evoqua Water Technologies
/ 177

F. R. Mahony & Associates,
Inc. / 401-406

GA Fleet - Fleet Pump &
Service / 137

Hach / 193

Howden / 165

J&R Sales and Service, Inc.
/ 414

JWB Company / HACH Flow
Group / RACO Manufacturing
& Engineering / 430-432

Maltz Sales Company / 160

Mechanical Solutions Inc.
/ 102, 104

National Filter Media / 126

New England Environmental
Equipment, Inc. / 438-441,
446-448

NORESCO / 418

Orengo Systems Inc. / 172

P&H Senesac, Inc. / 103

Raven Lining Systems / 170

Russell Resources Inc.
/ 454-456, 462-464

SULLIVAN ASSOCIATES/
RITEC ENVIRONMENTAL
/ 458

Technology Sales Associates
/ 426-429, 501-504

The MAHER Corporation
/ 152-159, 181

United Concrete - Building
Group / 141

Water Analytics / 205

Wescor Associates, Inc.
/ 410-413, 473-474,
481-482, 489-490

WesTech Engineering Inc.
/ 175

WhiteWater / 106

Williamson Pump & Motor
/ 184, 186, 187, 188

EXHIBITION HOURS

Monday: 10:30 AM – 6:30 PM

Tuesday: 8:00 AM – 6:00 PM

Wednesday: 8:00 AM – 1:00 PM

CONFERENCE PLANNERS

Meeting Management Director

Kate Biedron

Conference Arrangements

Committee Chair

Ron Tiberi

Exhibits Committee Chair

Paul P. Casey

Program Committee Chair

Amy Anderson

Registration Committee Chair

Meg Tabacsko

Sponsor Committee Chair

Dennis Vigliotte

Awards Program Committee Chair

Jay Sheehan

NEWEA OFFICE

Executive Director

Mary Barry

Program Director

Janice Moran

Communications/PR Coordinator

Jordan Gosselin

Office Administrator

Cindy Avagianos

TRAINING CONTACT HOURS

Technical sessions that are approved by participating New England states for Operator Recertification Training Hours are noted in the TCH form. Operators must register and obtain attendance verification forms to receive credit.

Professional Engineers registered for the conference may also attend technical sessions to fulfill state requirements for Professional Development Hours.

See the NEWEA Registration desk for complete details and training forms.

Meeting Room and Exhibit Locations

3rd Floor

Exhibits

Exhibit Booths #101–218

Back Bay Exhibit Hall

Back Bay Foyer Area

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, A–E

Salons F thru K and Foyer

Poster Sessions

Meeting/Session Rooms

Salons A thru E

Hyannis

Nantucket

Orleans

Provincetown

Vineyard

Yarmouth

Falmouth

Champions Restaurant and St. Botolph are located on 2nd level

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

NEWEA 2020 Annual Conference & Exhibit January 26–29

BOSTON MARRIOTT
COPLEY PLACE
BOSTON, MA

Platinum Sponsors



NEWEA

10 Tower Office Park,
Suite 601
Woburn, MA 01801
tel: 781-939-0908
fax: 781-939-0907
mail@newea.org
newea.org

Conference Sponsors

ADS Environmental Services
AECOM
Aqua Solutions, Inc.
Arcadis
Black & Veatch
Brown and Caldwell
Carlsen Systems, LLC
CDM Smith
David F. Sullivan & Associates, Inc.
Dewberry
Duke's Root Control, Inc.
Environmental Partners Group, Inc.
EST Associates, Inc.
Flow Assessment Services, LLC
Fuss & O'Neill, Inc
GHD
Green Mountain Pipeline Services
Hayes Pump, Inc.
Hazen and Sawyer PC
Hoyle, Tanner & Associates, Inc.
Jacobs
Kleinfelder
Mott MacDonald
MWH Constructors, Inc.
NEFCO
Stacey DePasquale Engineering
Stantec
SUEZ
Synagro Northeast, LLC
Tata & Howard
Tetra Tech
The MAHER Corporation
Tighe & Bond
Weston & Sampson
Woodard & Curran
Wright-Pierce