WATER’S WORTH IT
LET’S GO ALL IN.

New England Water Environment Association Presents:

NEWEA 2018
Spring Meeting & Exhibit

June 3 – 6
Gurney’s Newport Resort & Marina
Newport, Rhode Island
Please join us at Gurney’s Newport Resort & Marina in Newport, Rhode Island for the 2018 Spring Meeting. The Spring Meeting provides a time for our members and others to network and discuss the technical and operational challenges faced in our efforts working for water quality. Attend the technical sessions for professional development opportunities and don’t forget the ever-popular Operations Challenge competition.

Our meeting begins on Monday with a breakfast and General Opening Session. Our keynote speaker is the Honorable Sheldon Whitehouse, United States Senate, State of Rhode Island. Sheldon Whitehouse has spent more than 30 years in public service, and is dedicated to helping small businesses grow, making health care affordable for every family, and fighting to break through the barricade of special interests in Washington that are blocking action on climate change.

Monday, Tuesday and Wednesday feature eight technical sessions with topics ranging from climate change and resiliency to utility management and outreach. Monday morning features our “Keeping it Local—Hot Button Issues in Rhode Island” session which focuses on local topics surrounding Newport and Rhode Island. The Operations Challenge runs all day Tuesday with the awards ceremony starting at 4:00 PM. Come and cheer on your favorite team or just come to see these water quality professionals in action. The Exhibit Hall will open on Monday 7:30 AM and continue until 5:00 PM Tuesday.

The Golf Tournament will be held on Monday at the Green Valley Country Club and take some time on Tuesday to explore all Newport has to offer! Tuesday evening, we will have the NEWEA Reception and Dinner with a traditional New England flair.

While enjoying yourself at the Spring Meeting, reach out to any member of a NEWEA committee to find out how you can become involved and do more. After all, it’s the Year of the Volunteer!

On behalf of the Program Committee, we look forward to seeing you at the Spring Meeting in Newport, RI. It will be a fantastic way to reconnect with current colleagues, meet new ones, and learn about our latest industry trends.

-Janine Burke-Wells, NEWEA President
-Amy Anderson, NEWEA Program Chair
Conference Events

Saturday, June 2

NEWEA YP Community Service Project ............................................. 7:30 AM – 4:00 PM
Working with ERICD, the NEWEA YPs are organizing the first community service project in conjunction with the Spring Meeting. The project is to install green infrastructure BMPs on private and town properties as part of the “Soak Up the Rain” program grant. If you are interested in participating as part of the Volunteer Workforce on Saturday June 2nd, please register through the Spring Meeting Registration form attached or online. ERICD will provide materials and tools for the workforce, and we will end the day with a BBQ to thank the volunteers. Rain Date: Sunday June 3rd

Sunday, June 3

Registration ..........................................................................................Noon – 4:00 PM
Executive Committee Meeting ........................................................................1:00 PM
Operations Challenge Event ........................................................................3:00 – 7:00 PM

Monday, June 4

Registration .......................................................................................... 7:30 AM – 4:00 PM
Speakers’ Breakfast ................................................................................... 7:30 – 8:30 AM
Breakfast and General Opening Session ..................................................8:00 – 9:00 AM
Moderator: Amy Anderson, NEWEA Program Committee Chair, Arcadis
Welcome: Janine Burke-Wells, NEWEA President, Warwick, RI Sewer Authority
Featured Speaker: Sheldon Whitehouse, United States Senator, Rhode Island
The Providence Journal described Senator Whitehouse as “a strong-willed and articulate member of the Senate on national issues and an energetic champion of Rhode Island economic and other interests.” The examples set by people like his father, a World War II veteran and diplomat, and by great figures in Rhode Island public life, like U.S. Senator Claiborne Pell and Governor Bruce Sundlun, taught Sheldon the good that public service can do for our country and our state. Throughout his more than thirty years in public service, Sheldon has focused on the basic issues that make a real difference in people’s lives.

U.S. Senator, Sheldon Whitehouse

Exhibit Area Open.................................................................................7:30 AM – 7:30 PM

TECHNICAL SESSIONS 1 & 2 ................................................................. 9:15 – 11:45 AM
Break 10:45 – 11:15 AM

KEEPING IT LOCAL—HOT BUTTON ISSUES IN RHODE ISLAND
SESSION 1
Moderators: Kate Goyette, Kleinfelder
Mike Bonomo, ADS Environmental

Newport’s Effective Use of Mobile GIS for Field Services
– Eamon Duane, City of Newport, RI
– Edwin Roworth, Jacobs/CH2M

How the Goal of Resiliency Is Influencing Rhode Island’s Wastewater Utilities
– Jan Greenwood, Woodard & Curran
– Jon Himlan, Woodard & Curran

Planning and Progress for Newport’s Long Term CSO Control Program
– Peter von Zweck, Jacobs/CH2M
– Julia Forgue, City of Newport, RI

Local Environmental & Sustainability Challenges
– TBD

OUTREACH AND VOLUNTEERISM—WHAT YOU CAN DO
SESSION 2
Moderators: Kate Biedron, CDM Smith
Deb Mahoney, Hazen and Sawyer

Engaging the Public – Groton, CT’s Outreach Program
– Chris Lund, Town of Groton, CT

Let’s Go All In—the Classroom in the Year of the Volunteer—Learn How To Be The Best
– Meg Tabacsko, MWRA
– Ken Carlson, Woodard & Curran
– Lenny Young, MWRA

Engaging the Public in Billerica, MA
– Ken Carlson, Woodard & Curran
– Jeff Kalmes, Town of Billerica, MA

Out of Sight, But Not Out of Mind
– Robert Rak, Bristol Community College, Fall River, MA

Lunch Break (on own)...........................................................................11:45 PM
Monday, June 4 (continued)

TECHNICAL SESSION 3  1:00 – 3:30 PM
Break 2:00 – 2:30 PM

MUNICIPAL FACILITIES AND STORMWATER MANAGEMENT  SESSION 3
Moderators: Lauren Hertel, Woodard & Curran
Denise Descheneau, Upper Blackstone WPAD

Collaborating for Public Facility Stormwater Success
– Marc Gabriel, Nitsch Engineering
– Jennifer Johnson, Nitsch Engineering
– Sean McCarthy, Town of Scituate, MA

MS4 Permitting in EPA Region 1—The Existence of a TMDL Does Not Justify Imposition of Requirements Upon all MS4 Dischargers
– John Hall, Hall & Associates
– Gary Cohen, Hall & Associates

The Changing Tide in Regulations, Permits and Environmental Standards—Where Will it Flow?
– Paul Hogan, Woodard & Curran

Refining Stormwater Rates and Improving Community Support
– David Hyder, Stantec

Spring Meeting Welcome Reception (Exhibit Area) .................................6:00 – 7:30 PM

Select Society of Sanitary Sludge Shovelers (5S) Induction Ceremony .... 7:15 PM
During the Monday evening reception, Influent Integrator Charles W. Tyler will induct 12 new members into the Select Society of Sanitary Sludge Shovelers: Linda Austin, NEWEA; Mary Barry, NEWEA; Joe Boccadoro, AECOM; Mike Burke, SUEZ; Brad Hayes, City of Tavares, FL; Fred McNeill, City of Manchester, NH; Janice Moran, NEWEA; Annalisa Onnis-Hayden, Northeastern University; Mac Richardson, Lewiston-Auburn WPCA; Marylee Santoro, City of Stamford, CT; Mike Spring, Narragansett Bay Commission; and Mary White, MWRA

Tuesday, June 5

Morning Bike Ride ............................................................................................................ 7:00 AM
Coordinator: Adam Yanulis, Tighe & Bond
Join the NEWEA cyclists for an informal morning bike ride to start the day off right. The pace is moderate but not competitive and all are welcome. No fee to participate.

Registration ............................................................................................................................ 7:30 AM – 4:00 PM

Speakers’ Breakfast ........................................................................................................... 7:30 – 8:30 AM

Presidents’ Breakfast (by invitation only) ........................................................................ 8:00 – 9:00 AM

Exhibit Area Open .............................................................................................................. 8:00 AM-5:00 PM

Operations Challenge Event ......................................................................................... 9:00 AM-4:00 PM
Winning teams from New England will represent NEWEA in the WEF national event to be held in Chicago in October.

TECHNICAL SESSIONS 4 & 5  9:00 – 11:30 AM
Break 10:00 – 10:30 AM

DESIGNING WITH RESILIENCY IN MIND  SESSION 4
Moderators: Kate Edwards, Arcadis
Tom Loto, Kleinfelder

Bringing Flood Resiliency into MassDOT Asset Management
– Samantha Roddy, MassDOT
– Tim Dexter, MassDOT
– Roy Schiff, Milone & MacBroom

Analysis and Communication of Flood Damage Cost Avoidance in the Lamprey River Watershed
– David Roman, Geosyntec
– Cameron Wake, University of New Hampshire

Considering Climate Resiliency in Common Stormwater Designs
– Matthew Jones, Hazen and Sawyer

Restoring Flood Resiliency with a 120-MGD Flood Pump Station in Lowell, MA
– Tiffany Labrie, Tighe & Bond
– Michael Stuer, Lowell Regional Wastewater Utility
– Mark Young, Lowell Regional Wastewater Utility
– Todd Brown, University of Hartford
Tuesday, June 5 (continued)

ALTERNATIVES TO TRADITIONAL PLANT OPERATIONS  SESSION 5
Moderators: Tom Hazlett, Woodard & Curran
Meghan Moody, CDM Smith

How to Harden Your Plant—One Storm at a Time
– Kevin Cini, City of Groton, CT

Alternative Project Delivery Methods for Water/Wastewater Facility Projects
– Todd Moline, Stantec
– Bryan Canzoneri, Stantec

Comparative Energy Evaluation of Nutrient Recovery Technologies as an Alternative to Traditional Fertilizers and Nutrient Removal Technologies
– Ranjani Theregowda, US EPA
– Alejandra González-Mejía, Bangor University
– Xin (Cissy) Ma, US EPA
– Jay Garland, US EPA

Use of Ballasted Flocculation for Phosphorus Removal to Ultra Low Levels
– Craig Wagner, CDM Smith
– William Lengyel, CDM Smith
– Walter Veselka, City of Bristol, RI
– Dustin Payanis, City of Bristol, RI

Buffet Lunch in the Exhibit Area ............................................................. 11:30 AM – 1:30 PM

TECHNICAL SESSION 6  1:30 – 4:00 PM
Break 2:30 – 3:00 PM

COLLECTION SYSTEMS—TOOLS FOR INSPECTION  SESSION 6
Moderators: Peter Garvey, Dewberry
Matt Formica, AECOM

Pump it, Grind it, Screen it—Current Best Practices in Handling Collection System Modern Trash
– Robert Domkowski, Xylem, Inc. – Flygt

Using GIS to Manage and Visualize Sewer System Inspections
– Lindsey Donbavand, CDM Smith
– Brittney Gibbons, CDM Smith

Trenchless and Conventional Technologies Utilized for Installation of 5,550 Linear Feet of 30- and 40-inch Relief Sewer in Connecticut
– John Ososkie, Jacobs/CH2M
– Jason Waterbury, The Metropolitan District Commission
– Eric Muir, Jacobs/CH2M

The Pipe Work is Done—Why Are You Still Here? (Using Sewer Separation to Leave the Neighborhood Better Than We Found It)
– Francis McPartian, Kleinfelder

Operations Challenge Wrap-up and Awards Presentation ................. 4:00 – 5:00 PM

NEWEA Reception and Dinner ............................................................. 6:30 – 10:00 PM

Please check the final program for location and details
Hotel Information

Gurney’s Newport Resort & Marina

Rates And Reservations
Reserve by calling the Gurney’s Newport Resort & Marina at 401-851-3366 and refer to: NEWEA SPRING MEETING or the online reservation form – https://gc.synxis.com/erez.aspx?Hotel=76390&Chain=19267&arrive=6/2/2018&depart=6/7/2018&adult=2&child=0&group=NEWE

Room rates and options vary.
Single or double rooms start at $210++. The group rate is on a space and date availability basis. The deadline to reserve and receive the NEWEA group rate is Thursday, May 3, 2018.
The resort is located about 84 miles from Boston (1 hour and 45 minutes), 181 miles from Portland, Maine and 88 miles from Hartford, Connecticut. Get Directions

Guest Program

MONDAY, JUNE 4

Breakfast
8:00 – 9:00 AM

Golf Tournament
Join us at the Green Valley Country Club as we tee off as part of a “Shotgun” start with numerous prizes. See page ___ for Golf Tournament further details. Separate registration required, $110 per person.

NEWEA Reception
6:00 – 7:30 PM
Join us at the NEWEA Reception and SSSSS Induction Ceremony in the Spring Meeting Exhibit Area.

TUESDAY, JUNE 5
Please contact Joy Lord for questions regarding this event—207-353-6593

Breakfast
7:30 – 8:30 AM
Meet for continental breakfast before the day’s activities

Guest Tour and Program
8:30 AM – 3:00 PM • Coordinator: Joy Lord

Rough Point Tour
Rough Point was completed in 1891 for Frederick William Vanderbilt. It was purchased by James Duke in 1922. Upon his death in 1925, he left the estate to his daughter, Doris (age 12). In 1968, She establish the Newport Restoration Foundation—credited with restoring 83 buildings. Rough Point has stayed mainly untouched since her death in 1993. The house furnishings span seven decades, and includes artwork by Renoir, Flemish tapestries and oriental porcelains. The second part of our tour, will feature the landscape and gardens—developed in the 1890s by Frederick Law Olmsted. Lunch will follow.

Operations Challenge Awards Reception
4:00 PM

Reception & Dinner
6:30 – 10:00 PM
REGISTRATION FORM

1. REGISTRATION INFORMATION (AS IT IS TO APPEAR ON YOUR NAME BADGE. USE ONE FORM PER PERSON.)

Last Name: ________________________  First Name: ______________________  Nickname: _____________________

Company: ________________________________________  Email: __________________________________________

Address: _________________________________________  City: ____________  State: _________  Zip: ____________

2. MEETING REGISTRATION/PRICING

<table>
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<tr>
<th>Event Description</th>
<th>BEST RATE (by May 18)</th>
<th>STANDARD RATE (after May 18)</th>
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<tr>
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<td>$380</td>
<td>$430</td>
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<tr>
<td>* Member Non Member</td>
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<tr>
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<tr>
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☐ Speakers may take a $30 discount on the registration fee.

☐ Narragansett Water Pollution Control Association (RIWPCA) Members may receive the member registration rate.

*Event tickets may be purchased separately.

**Non-members wishing to register at the member rate, may sign up for membership and submit the forms together to receive the member rate. Please contact the NEWEA office at 781-939-0908 if you have any questions.

Operations Challenge Teams: visit springmeeting.newea.org to download a team registration form.

3. SPECIAL EVENT TICKETS

<table>
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<th>Event Description</th>
<th>BEST RATE (by May 18)</th>
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<td>Spouse/Guest Program - Tuesday, June 5, 8:30AM-3PM</td>
<td>$175</td>
<td>$185</td>
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<tr>
<td>Monday Reception - Monday, June 4, 6:00 PM</td>
<td>@</td>
<td>$50</td>
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<tr>
<td>Tuesday Reception &amp; Dinner - Tuesday, June 5, 6:30 PM</td>
<td>@</td>
<td>$80</td>
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<tr>
<td>YP Community Service - Saturday, June 2, 7:30 AM - 4:00 PM</td>
<td>☐ Yes, I'd like to participate. (Rain Date: June 3rd)</td>
<td></td>
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4. PAYMENT INFORMATION

☐ Charge VISA/MC/Amex/Discover  Card # __________________________ Exp. Date: ____________

☐ Check # __________________________  Signature: __________________________  Security Code: ____________

☐ Purchase Order # __________________________  I authorize NEWEA to charge my credit card for the amount indicated.

TOTAL REGISTRATION FEE: $________

RETURN COMPLETE FORMS TO: NEWEA, 10 Tower Office Park, Ste 601, Woburn, MA 01801 or fax to: 781-939-0907 or register online at springmeeting.newea.org  Preregistration Deadline: Friday, May 18, 2018

QUESTIONS? Call 781-939-0908.

CANCELLATIONS must be submitted in WRITING by Friday, May 18, 2018. A 20% service fee will apply to all cancellations received before May 18; no refunds will be made on registration fees or special events after Friday, May 18. Due to Association agreements and guarantees, fees are forfeited if you are not able to attend the conference.

PLEASE SEE REVERSE FOR COMPLETE REGISTRATION INFORMATION
REGISTRATION INFORMATION

ONLINE: springmeeting.newea.org
FAX: 781-939-0907
EMAIL: mail@newea.org
PHONE: 781-939-0908
MAIL: NEWEA, 10 Tower Office Park, Suite 601
Woburn, MA 01801

*make checks payable to NEWEA

YOUNG PROFESSIONAL: To qualify, requires a young professionals (YP) membership in NEWEA/WEF.

REGULATOR: To qualify, requires a Regulator (REG) membership in NEWEA or must be employed by a New England Environmental Regulatory Agency, including: USEPA Region I, CT DEEP, ME DEP, MA DEP, NH DES, RI DEM; VT DEC

LIFE/RETIRED: To qualify, requires a life or retired membership in NEWEA/WEF.

CANCELLATIONS: Must be submitted in WRITING by Friday, May 18, 2018. A 20% service fee will apply to all cancellations received before May 18; no refunds will be made on registration fees or special events after Friday, May 18. Due to Association agreements and guarantees, fees are forfeited if you are not able to attend the Conference.

TAX DEDUCTION: Treasury regulation 1162-5 permits an income tax deduction for educational expenses (registration fee, cost of travel, meals and lodging) undertaken to maintain or improve skills required in one’s employment or business.

MEETING EVENTS

Sunday, June 3, 2018
12:00 Noon—4:00 PM Registration & Exhibit Set Up

Monday, June 4, 2018
7:30 AM—4:00 PM Registration
7:30 AM—7:00 PM Exhibits
8:00—9:00 AM Opening Session/Breakfast
9:15—11:45 AM Morning Sessions
1:00–3:30 PM Afternoon Sessions

Tuesday, June 5, 2018
7:30 AM–4:00 PM Registration
8:00 AM–5:00 PM Exhibits
9:00 AM–11:30 PM Morning Sessions
11:30 AM—1:30 PM Buffet Lunch
1:30–4:00 PM Afternoon Sessions
4:00 PM Ops Challenge Awards

Wednesday, June 6, 2018
8:00–8:30 AM Registration
9:00 AM–11:30 PM Morning Sessions
12:00 PM Box Lunch for session participants

HOTEL INFORMATION

Gurney’s Newport Resort & Marina
One Goat Island, Newport, RI

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<tr>
<td>Double</td>
<td>$210.00</td>
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All rooms subject to tax. Group rates are subject to date and space availability.

Group Rate Deadline: Thursday, May 3, 2018

WHAT’S INCLUDED IN YOUR REGISTRATION?

<table>
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<tr>
<th></th>
<th>Technical Sessions</th>
<th>Exhibit Hall</th>
<th>Opening Session/Breakfast</th>
<th>Monday Reception*</th>
<th>Tuesday Lunch</th>
<th>Tuesday Reception &amp; Dinner*</th>
<th>Wednesday Box Lunch</th>
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<td>✓</td>
<td>✓</td>
<td>✓</td>
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<tr>
<td>B. One Day</td>
<td>✓</td>
<td>✓</td>
<td>✓ (mon)</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓ (wed)</td>
</tr>
<tr>
<td>C. Young Professionals, Student, Life &amp; Retired Members*</td>
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<td>✓</td>
<td>✓ (mon)</td>
<td>✓ (tues)</td>
<td>✓ (tues)</td>
<td>✓ (wed)</td>
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<tr>
<td>D. Spouse/Guest Program**</td>
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<td>✓</td>
<td>✓</td>
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</table>

*additional tickets may be purchased separately; Does not include Monday Welcome Reception or Tuesday Dinner tickets.

**limited to a Spouse/Guest of a conference registrant, who is not involved in the water/wastewater field.
2018 NEWEA Spring Meeting Golf Outing to Benefit New England Ops Challenge Teams

GOLF OUTING

Monday, June 4 • Lunch at 11:30 AM • Shotgun Start at 12:15 PM
GREEN VALLEY COUNTRY CLUB – PORTSMOUTH, RHODE ISLAND

REGISTRATION FORM

O SIGN ME UP FOR THE GOLF OUTING!

NAME

EMAIL

COMPANY

PHONE

ADDRESS

CITY STATE ZIP

O PLEASE PLACE ME IN FOURSOME WITH:

PLAYER #1

PLAYER #2

PLAYER #3

PLAYER #4

O PLEASE PLACE ME IN A FOURSOME AT YOUR DISCRETION.

PAYMENT

All forms must be received by May 25, 2018

Golf Outing ($110 per person) # of people Total $ ______

Tee Advertising ($200 per hole) # of holes Total $ ______

O Check (make checks payable to NEWEA, Inc.)

O VISA O MasterCard O Amex O Discover

Card No. Exp. Date V-Code

Mail or fax completed form to NEWEA or register online
THANKS FOR YOUR CONTINUED SUPPORT OF NEW ENGLAND’S OPS CHALLENGE TEAMS!

REGISTER EARLY! All forms must be received by May 25, 2018. Registration is based on a first-come, first-served basis. Registration includes 18 holes of golf on Green Valley’s beautiful semi-private course, riding cart, box lunch, and the chance to lie about how well you played back at the meet and greet that night.

Scramble format • Putting contest • Mulligans for sale during golf outing • Prizes to be awarded for: Closest to pin (two), Long Drive (M & W), 1st, 2nd, 3rd place teams

ALL FORMS MUST BE RECEIVED BY MAY 25, 2018

NEWEA, 10 Tower Office Park, Suite 601, Woburn, MA 01801
P: 781-939-0908 • F: 781-939-0907 • newea.org

Register Online: bit.ly/2HuU0NC
Conference Sponsors

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Brown and Caldwell
CDM Smith
David F. Sullivan & Associates
Dewberry
Duke’s Root Control
Environmental Partners Group
EST Associates
Flow Assessment Services
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GHD
Green Mountain Pipeline Services
Hayes Pump
Hazen and Sawyer
Hoyle, Tanner & Associates, Inc.
Jacobs/CH2M
Kleinfelder
Lystek International, Inc.
NEFCO
Nitsch Engineering
Stantec
SUEZ
Synagro Northeast
Tata & Howard
Ted Berry Company
Tetra Tech
The MAHER Corporation
Tighe & Bond
Weston & Sampson
Woodard & Curran
Wright-Pierce