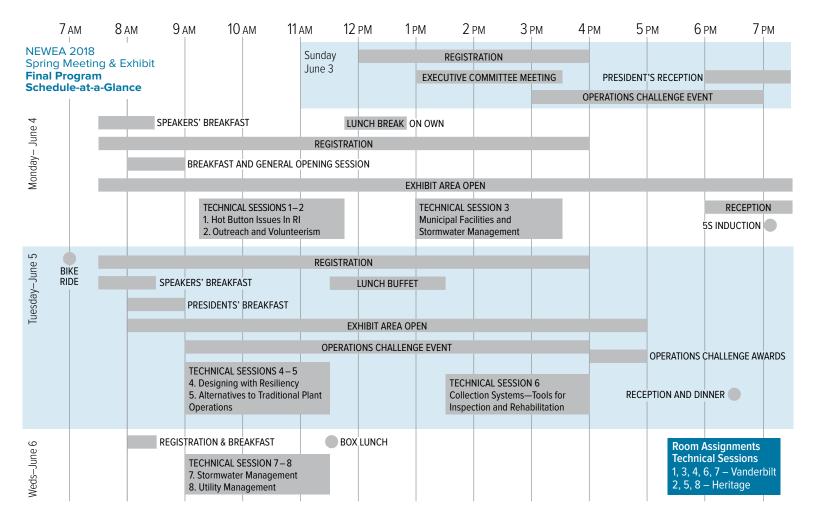


New England Water Environment Association Presents:

NEWEA 2018 Spring Meeting & Exhibit

June 3–6
Gurney's Newport Resort & Marina
Newport, Rhode Island

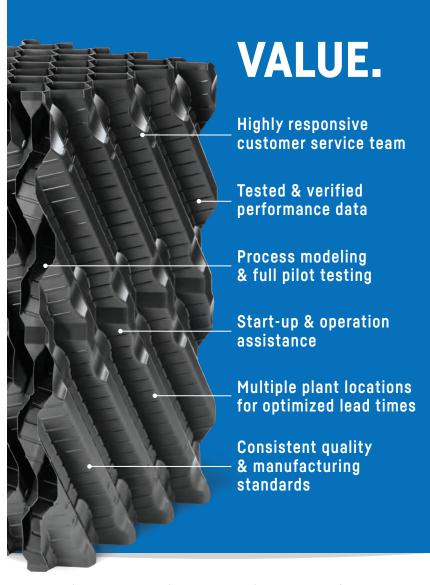






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NEWEA 2018 SPRING MEETING 4 NEWEA 2018 SPRING MEETING 5



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NEWEA 2018 SPRING MEETING 6 NEWEA 2018 SPRING MEETING 7

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COLLECTION SYSTEMS CONFERENCE

2018 & WORKSHOP SERIES

September 10, 2018 · Boxboro Regency Hotel, Boxborough, MA

his one-day Collection Systems Conference & Exhibit will take place on Monday, September 10 at the Boxboro Regency Hotel in Boxborough, Massachusetts. This event will benefit collection systems operators, managers, engineers, and members of the regulatory community.

This conference will focus on a variety of collection system topics including: inflow/ infiltration, non-dispersibles and Fats, Oil & Grease programs.

Exhibit & Sponsorship Opportunities will be available. Watch for registration information.









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NEWEA 2018 SPRING MEETING 8 NEWEA 2018 SPRING MEETING 9



Co-sponsor: Narragansett Water Pollution Control Association New England Water Environment Association Presents:

NEWEA 2018 SPRING MEETING & EXHIBIT

June 3-6

Gurney's Newport Resort & Marina Newport, Rhode Island

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.

Sunday, June 3

Registration (Ballroom Lobby)	Noon-4:00 PM
Executive Committee Meeting (Brenton Hall)	1:00 PM
Operations Challenge Event (Ballroom)	3:00 – 7:00 PM

Monday, June 4

Registration (Ballroom Lobby)	7:30 AM-4:00 PM
Speakers' Breakfast (Scarpetta)	7:30 – 8:30 AM
Breakfast and General Opening Session (Ballroom)	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 Senate	or, Rhode Island



U.S. Senator, Sheldon Whitehouse

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.

A graduate of Yale University and the University of Virginia School of Law, Sheldon served as Rhode Island's Director of Business Regulation under Governor Sundlun before being recommended by Senator Pell and nominated by President Bill Clinton to be Rhode Island's United States Attorney in 1994. He was elected Attorney General of Rhode Island in 1998. In 2006, Rhode Islanders elected Sheldon to the United States Senate, where he is a member of the Budget Committee; the Environment and Public Works Committee the Judiciary Committee; and the Finance Committee. He and his wife Sandra, a marine biologist and environmental advocate, live in Newport.

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

Vanderbilt

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

Climate Change & Resiliency in Rhode Island—Where We've Been & Where We're Going

Elizabeth Stone, RI DEM

OUTREACH AND VOLUNTEERISM—WHAT YOU CAN DO

SESSION 2

Moderators: Kate Biedron, CDM Smith

Heritage

Deb Mahoney, Hazen and Sawyer

A Comprehensive Public Education and Outreach Program—One Community's Approach

- Ken Carlson, Woodard & Curran
- Jeff Kalmes, Town of Billerica, MA

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
- Elena Proakis Ellis, City of Melrose, MA
- Lenny Young, MWRA

Out of Sight, But Not Out of Mind

- Robert Rak, Bristol Community College, Fall River, MA

NEWEA 2018 SPRING MEETING 10 NEWEA 2018 SPRING MEETING 11

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

Vanderbilt

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: Chuck Applebee, Water Quality and Compliance Service; 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	
right. The pace is moderate but not competitive and all are participate.	welcome. No fee to
Registration (Ballroom Lobby)	7:30 AM-4:00 PM
Speakers' Breakfast (Scarpetta)	7:30 – 8:30 AM
Presidents' Breakfast by invitation only (Scarpetta)	8:00-9:00 AM
Exhibit Area Open (Ballroom)	8:00 AM – 5:00 PM
Operations Challenge Event (Ballroom)	

TECHNICAL SESSIONS 4 & 5

9:00 - 11:30 AM

NEWEA 2018 SPRING MEETING 13

Break 10:00 - 10:30 AM

DESIGNING WITH RESILIENCY IN MIND

SESSION 4

Moderators: Kate Edwards, Arcadis

Vanderbilt

Tom Loto, Kleinfelder

Bringing Flood Resiliency into MassDOT Asset Management

- Tim Dexter, MassDOT
- Samantha Roddy, MassDOT
- Roy Schiff, Milone & MacBroom

Analysis and Communication of Flood Damage Cost Avoidance in the Lamprey River Watershed

- Dan Boudreau, Geosyntec Consultants
- 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 Heritage 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 **TECHNICAL SESSION 6** 1:30 - 4:00 PM Break 2:30 - 3:00 PM COLLECTION SYSTEMS—TOOLS FOR INSPECTION SESSION 6 AND REHABILITATION Vanderbuilt 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 McPartlan, Kleinfelder

NEWEA Reception and Dinner (Rose Island)......6:30 – 10:00 PM

Please check the final program for location and details

Wednesday, June 6

Speakers' Breakfast (Scarpetta)	. 7:30 – 8:30 AM
Registration and Continental Breakfast (Ballroom Lobby)	.8:00-8:30 AM

TECHNICAL SESSION 7 & 8 9:00 - 11:30 Break 10:00 - 10:15 AM

STORMWATER MANAGEMENT FOR THE BUILT

SESSION 7 Vanderbuilt

AND NATURAL ENVIRONMENT

Moderators: Scott Lander, Retain-It Helen Gordon, Environmental Partners Group

Green Stormwater Infrastructure Parks: All Sizes, Designs and Funding Sources

- Julie Stein, HDR
- Derick Tonning, HDR

Distributed Green Stormwater Infrastructure Systems—Philadelphia, PA

- Bernadette Callahan, Stantec

National Green Infrastructure Certification Program

- Adriana Caldarelli. Water Environment Federation

Matrix Approach to Stormwater Management for a Resilient Built Environment

- Margaret Kurth, US Army Corps of Engineers
- Igor Linkov, US Army Corps of Engineers
- Cate Fox-Lent, US Army Corps of Engineers

UTILITY MANAGEMENT-EFFICIENCY IS KEY

SESSION 8

Moderators: Miles Moffatt, Tighe & Bond Charlie Tyler, MWRA (retired) Heritage

Utilizing Enterprise Data Management Systems to Enhance Operation Efficiency

.....

- Brett Milburn, Langan Engineering & Environmental Services
- Ricardo Ceballos, Greater New Haven WPCA

Optimizing Operations Through Small Investments and Human Capital

- Robert Pontau, Brunswick Sewer District

The \$25M Upgrade to the Middleborough Water Pollution Control Facility -From the Owner and Owner's Project Manager Perspective

- Paul Millett, Environmental Partners Group
- Chris Peck, Town of Middleborough, MA

Integrating Asset Management Principals and Emergency Preparedness to Assess Risk

- Corinne Ketchum, Arcadis
- Marc Delzio, Arcadis
- Kevin Slaven, Arcadis
- Andrew Ohrt, Arcadis

Box Lunch Noon

NEWEA 2018 SPRING MEETING 14

NEWEA 2018 SPRING MEETING 15

Presenters

PRESENTER	AFFILIATION	SESSION NO.
Dan Boudreau	Geosyntec	4
Todd Brown	University of Hartford	4
Adriana Caldarelli	Water Environment Federation	7
Bernadette Callahan	Stantec	7
Bryan Canzoneri	MWH Constructors	5
Ken Carlson	Woodard & Curran	2
Ricardo Ceballos	Greater New Haven WPCA	8
Kevin Cini	City of Groton WWTP	5
Gary Cohen	Hall & Associates, Inc	3
Marc Delzio	Arcadis	8
Tim Dexter	MassDOT	4
Robert Domkowski	Xylem, Inc Flygt	6
Lindsey Donbavand	CDM Smith	6
Eamon Duane	City of Newport, RI	1
Julia Forgue	City of Newport, RI	1
Cate Fox-Lent	US Army Corps of Engineers	7
	Nitsch Engineering	
Jay Garland	US EPA	5
Brittney Gibbons	CDM Smith	6
Alejandra González-Mejía	Bangor University	5
Jan Greenwood	Woodard & Curran	1
John Hall	Hall & Associates, Inc	3
Jon Himlan	Woodard & Curran	1
Paul Hogan	Woodard & Curran	3
David Hyder	Stantec	3
Jennifer Johnson	Nitsch Engineering	3
Matthew Jones	Hazen and Sawyer	4
Jeff Kalmes	Town of Billerica, MA	2
Corinne Ketchum	Arcadis	8
Margaret Kurth	US Army Corps of Engineers	7
Tiffany Labrie	Tighe & Bond, Inc	4
William Lengyel	CDM Smith	5
Igor Linkov	US Army Corps of Engineers	7
Chris Lund	Town of Groton, CT	2
Xin (Cissy) Ma	US EPA	5
Sean McCarthy	Town of Scituate, MA	3
Francis McPartlan	Kleinfelder	6
Brett Milburn	Langan Engineering & Environmental Serv	ices, Inc 8
	Environmental Partners Group	
Todd Moline	MWH Constructors	5
Eric Muir	Jacobs (formerly CH2M)	6
Andrew Ohrt	Arcadis	8

PRESENTER	AFFILIATION	SESSION NO.
John Ososkie	Jacobs (formerly CH2M)	6
Dustin Payanis	City of Bristol, RI	5
Chris Peck	Town of Middleborough, MA	8
Robert Pontau	Brunswick Sewer District	8
Elena Proakis Ellis	City of Melrose, MA	2
Robert Rak	Bristol Community College	2
	MassDOT	
Edwin Roworth	Jacobs (formerly CH2M)	1
Roy Schiff	Milone & MacBroom	4
Kevin Slaven	Arcadis	8
Julie Stein	HDR	7
Elizabeth Stone	RI DEM	1
Michael Stuer	Lowell Regional Wastewater Utility	4
Meg Tabacsko	MWRA	2
Ranjani Theregowda	US EPA	5
Derick Tonning	HDR	7
Walter Veselka	City of Bristol, RI	5
Peter von Zweck	Jacobs (formerly CH2M)	1
Craig Wagner	CDM Smith	5
Cameron Wake	University of New Hampshire	4
	The Metropolitan District	
Lenny Young	MWRA	2
Mark Young	Lowell Regional Wastewater Utility	4

Moderators

MODERATOR	AFFILIATION	SESSION NO.
Kate Goyette	Kleinfelder	1
Mike Bonomo	ADS Environmental	1
Kate Biedron	CDM Smith	2
Deb Mahoney	Hazen and Sawyer	2
Lauren Hertel	Woodard & Curran	3
Denise Descheneau	Upper Blackstone WPAD	3
Kate Edwards	Arcadis	4
Tom Loto	Kleinfelder	4
Tom Hazlett	Woodard & Curran	5
Meghan Moody	CDM Smith	5
Peter Garvey	Dewberry	6
Matt Formica	AECOM	6
Scott Lander	Retain-it	7
Helen Gordon	Environmental Partners Group	7
Miles Moffatt	Tighe & Bond	8
Charlie Tyler	MWRA (retired)	8

Operations Challenge

SUNDAY, JUNE 3 Set-up Equipment – Maintenance Event / 1:00 – 3:00 PM

Maintenance Event Practice / 3:00 – 7:00 PM

MONDAY, JUNE 4 Set-up Equipment / 8:00 – 11:00 AM

Lunch / 11:45 AM – 1:00 PM / on your own

Competition Review / 9:30 – 10:30 AM

Process Control Event / 10:30 - 11:00 AM

Reception / 6:00 – 7:30 PM

TUESDAY, JUNE 5 Event Coordinators & Judges Meeting / 8:00 – 8:30 AM

Team Sign In / 8:30 – 9:00 AM

Operations Challenge Events / 8:00 – 11:30 AM

Buffet Lunch / 11:30 AM – 1:30 PM

Awards Ceremony / 4:00 PM

Reception & Dinner / 6:30 PM



Meetings

SUNDAY, JUNE 3

Executive Committee Meeting

1:00 PM / Brenton Hall

Assessment & Development Committee

4:30 PM / Restaurant

MONDAY, JUNE 4

Awards Committee

10:00 AM / Jamestown

Laboratory Practices Committee

11:30 AM / Astor

Watershed Management Committee

Noon / Jamestown

Public Education Committee

12:30 PM / Restaurant

Laboratory Practices Exam Sub-Committee

3:30 PM / Astor

TUESDAY, JUNE 5

Innovation Task Force

11:00 AM / Jamestown

ASA Presidents and State Directors

2:00 PM / Aquidneck

Government Affairs Committee

3:30 PM / Aquidneck



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WEF Delegate (10/16) Frederick McNeill

WEF Delegate (10/17) Matthew Formica

WEF Delegate (10/18) Susan Guswa

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Operations, & Management Marylee Santoro

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Collection Systems Certification Committee Gregory Kidd

Collection Systems Committee Peter Garvey

CSO/Wet Weather Issues Committee Ivonne Hall

Industrial Wastewater Committee Sarah White

Stormwater Committee Angela Blanchette

Sustainability Committee Courtney Eaton/Robert Montenegro

Water Reuse Committee Nicholas Ellis

Watershed Management Committee Jennifer Johnson

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Government Affairs Committee Robert Fischer

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Water for People Committee Renie Jesanis

Young Professionals Committee Ben Stoddard

* Ad hoc

NEWEA 2018 SPRING MEETING 20 NEWEA 2018 SPRING MEETING 21

Guest Program

MONDAY, JUNE 4

Breakfast

8:00-9:00 AM (Scarpetta)

Golf Tournament

Join us at the Green Valley Country Club as we tee off as part of a "Shotgun" start with numerous prizes. Separate registration required, \$110 per person.

NEWEA Reception

6:00 – 7:30 PM (Ballroom)

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

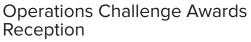
7:30 - 8:30 AM (Scarpetta) Meet for continental breakfast before the day's activities

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 established 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 include 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.



4:00 PM (Ballroom)

6:30-10:00 PM (Rose Island)

Spring Meeting Exhibitors

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ACF Environmental LMK Technologies

CUES Lystek International, Inc. **Duke's Root Control** Mechanical Solutions. Inc.

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Spring Meeting Planners

Conference Arrangements

Ron Tiberi Program

Amy Anderson

Registration

Kerry Reed

Exhibits Paul P. Casey Operations Challenge

Travis Peaslee

Guest Program Joy Lord

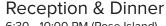
Meeting Management Director

NEWEA 2018 SPRING MEETING 23

Elena Proakis Ellis

Golf Tournament/Sponsors

Dennis Vigliotte



NEWEA 2018 SPRING MEETING 22



he federal and state regulatory environment on wet weather flow challenges continues to change. sometimes creating overlapping enforcement requirements on CSOs, stormwater, sanitary sewer overflows (SSOs), and collection system capacity, management, operation, and maintenance (CMOM) as mechanisms to achieve water quality goals. In addition, climate change and the resiliency of systems to protect against it continues to be an emerging hot topic.

To respond to the complex variety of wet weather and water quality challenges, some communities are developing integrated plans for capital improvements programs to address municipal stormwater, wastewater treatment, conveyance system, and CSO abatement objectives.

This two-day conference is an opportunity to share our national and regional working knowledge and experience to discuss these changes and how to meet these challenges.

Exhibit opportunities will be available. Watch for registration information.



NEWEA 2018 Spring Meeting & Exhibit June 3–6

GURNEY'S NEWPORT RESORT & MARINA NEWPORT, RHODE ISLAND

Co-sponsor Narragansett Water Pollution Control Association





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