

# Conference Agenda

## NEWEA Sustainability & Collection Systems Conference & Exhibit Monday, May 1, 2017 - Westborough, MA



7:30 - 8:00 a.m. Registration and Continental Breakfast

7:30 - 3:30 p.m. Exhibit Hall Open

8:00 - 8:15 a.m. Welcome & Opening Remarks

Jim Barsanti, NEWEA President and Rob Montenegro, Chair, Sustainability Committee

8:15 - 9:00 a.m. **Keynote Speaker: Stephen Estes-Smargiassi, Director of Planning, MWRA**

### 9:00 - 11:30 a.m. MAINTENANCE AND PLANNING

Moderators: Ryan Wingard, Wright-Pierce and Wayne Bates, Tighe & Bond

9:00 a.m. **Improving Fat, Oil and Grease (FOG) Management in Urban Wastewater Sewer Networks Through Technology Integration** – Michael O'Dwyer, SwiftComply

Michael will describe his experience leading Dublin's Fat, Oil and Grease Program, focusing on recent innovations through technology integration

9:30 a.m. **Sustainable Maintenance Practices** – Joseph Buckley and Mark Hollis, City of Worcester, MA DPW

Siphons help us to move wastewater under grade limiting obstacles such as other utilities, culverts, rivers, and underpasses while still manipulating gravity. If unable to take advantage of gravity; pumping may be the only option in some sewer applications. We have a siphon that crosses a highway, a large culvert, a river and a railroad location block, we are going to talk about what we learned from freeing the blockage and changes we have made as a result.

10:00 a.m. Break / Exhibits

10:30 a.m. **PACP® Asset Management** – Laurie Perkins, Wright-Pierce

Since 2002, NASSCO has trained over 18,000 professionals in the Pipeline Assessment and Certification Program (PACP), a standardized data collection protocol for CCTV pipeline inspection. This presentation describes how PACP inspection results can be used to define risk in the development of an asset management plan for piping networks.

11:00 a.m. **Taking it to the Next Level: Predictive Models Based on Over 500 Miles of Force Main Condition Assessment**

– Jeffrey Zdrojewski, Pure Technologies

In this presentation we will discuss the components of a successful condition assessment program for forcemain pipelines based on over 500 miles of successful in-line inspections

11:30 a.m. Lunch (provided) / Exhibits

### 1:00 - 3:30 p.m. PUMPS AND PIPING SYSTEMS

Moderators: Meredith Zona, Stantec and Scott Naiva, Milliken

1:00 p.m. **Intelligent Wastewater Pumps—The Next Pump Industry Breakthrough** – Bob Domkowski, Xylem

1:30 p.m. **Utilizing Two Trenchless Rehabilitation Technologies to Reduce Wet Weather Flows in the Bear Brook Watershed - Saco, ME Case Study** – Matt Timberlake, Ted Berry Company, Inc.

The project provides an excellent example of both interdepartmental cooperation by the Water Resource Recovery Department and the Public Works Department, coupled with Ted Berry's expertise in trenchless technologies to save the community scarce rehabilitation monies

2:00 p.m. Break / Exhibits

2:30 p.m. **Pumping Station Consolidation and Trenchless Installation Case Study: New River Street Pump Station Project**

– Timothy McDonald, ARCADIS US, Inc.

The New River Street Pump Station in Bridgeport, CT consolidated two existing pump stations, and utilized trenchless technology to avoid costly soil excavation and disposal costs associated with traditional open-cut installation.

3:00 p.m. **Reviewing Stormwater Collection Projects through a Sustainability Lens**

– Wayne Bates and Joseph Persechino, Tighe & Bond

This presentation will use the recent stormwater design projects to introduce a common definition of sustainability and an approach where the three responsibilities are identified and evaluated in a manner that can be used to evaluate similar projects through a sustainability lens.

3:30 p.m. **Closing Remarks / Adjourn / Sign up for TCHs**

Peter Garvey, Chair, Collection Systems Committee

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### EXHIBITORS

ADS Environmental	Flow Assessment Services LLC
CSL Services, Inc.	JWB Company/BAU Hopkins
CUES	Precision Trenchless, LLC
Duke's Root Control Inc	Pump Systems, Inc.
F R Mahony & Associates Inc	Scavin Equipment Company LLC

### TRAINING CONTACT HOURS (TCHs)

Certificates will be awarded for operator recertification for participating states. Certificates may be used for PEs as well. **If you need TCHs, please sign-up at the end of the day (3:30PM) at the registration desk.** Certificates will be emailed to attendees following the conference.

### PROCEEDINGS

In an effort to reduce/reuse/recycle, copies of today's presentations will be posted on the NEWEA website. Attendees will be notified via email when the presentations are available.

### SPONSORS

ADS Environmental Services	Environmental Partners Group	NASSCO
AECOM	EST Associates	Tata & Howard
Aqua Solutions	Flow Assessment Services	Ted Berry Company
ARCADIS	Fuss & O'Neill	Tighe & Bond
Brown and Caldwell	Green Mountain Pipeline	Vaidya Consultants
CDM Smith	Services	Weston & Sampson
Dewberry	Hayes Pump	Woodard & Curran
Duke's Root Control	Hazen and Sawyer	Wright-Pierce
	Hoyle, Tanner & Associates, Inc.	WSP/Parsons Brinckerhoff

*This specialty conference was hosted jointly by NEWEA's Sustainability and Collection Systems Committees. Thank you to all the attendees, speakers, exhibitors, and sponsors for making this event successful and supporting NEWEA.*