



NEWEA Collection Systems Conference & Exhibit

September 10, 2018

Boxboro Regency Inn, Boxborough, MA

Conference Agenda

- 7:30 AM** **Registration/Continental Breakfast/Exhibit Hall**
- 8:15 AM** **Welcome and Opening Remarks**
Jennifer Lachmayr, NEWEA Vice President
Peter Garvey, Chair, Collection Systems Committee
- 8:30 AM** **Keynote Speaker: James Courchaine, Tata & Howard, Inc.**
- 9:00 - 11:30 AM** **Morning Session**
Moderators: Ben Stoddard, Kleinfelder and Robert Montenegro, Grundfos
- 9:00 AM** **Moving Beyond the I/I Plan**
• Laurie Perkins, Wright-Pierce
- 9:30 AM** **Evolution of a CMOM Program in Waterbury, CT**
• Julie Silva, Woodard & Curran
- 10:00 AM** **Break / Exhibits**
- 10:30 AM** **Scattergraphs Used to Reduce Scattered Results**
• Matthew Brown, ADS Environmental Services
- 11:00 AM** **Private Inflow: Best Practices for Access and Source Identification**
• Steve Perdios and Michael Hanley, Dewberry
- 11:30 AM–1:00 PM** **Lunch (Courtyard)**
- 1:00 - 13:30 PM** **Afternoon Session**
Moderators: Bob Domkowski, Xylem and Scott Lander, Retain-It
- 1:00 PM** **Trimming the Fat (Part 2) – Over a Decade of Progress**
• Frank Occhipinti, Weston & Sampson; Dylan Ludy and Ian Weyburne, City of Worcester, MA DPW
- 1:30 PM** **Improving Private Inflow Inspection and Data Management with GIS**
• Lucas Smith-Horn and Daniel Thompson, CDM Smith
- 2:00 PM** **Break / Exhibits**
- 2:30 PM** **Stacey’s Brook Comprehensive Sewer Rehabilitation – A Phased Approach to Reduce Collection System Infiltration and Improve Surface Water Quality**
• Dan Scott and Cecilla Carrion-Carmona, Kleinfelder
- 3:00 PM** **Prevention of Fat, Oil, and Grease (FOG) Buildup in an Explosion-Proof Pump Station Environment Through Consistent Dosage of a Plant-Based Formulation by Means of a Pump-Less Liquid Dispensing System**
• Dr. Christian Zeigler, Protein Matrix LLC and Aaron Fox, Lowell, MA Wastewater
- 3:30 PM** **Closing Remarks/Adjourn**

OVER



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JWB Coy/Hach Flow Group - Exhibitor, Sponsor	Wright-Pierce - Sponsor
LMK Technologies - Exhibitor	

TRAINING CONTACT HOURS (TCHs)

Certificates will be awarded for operator recertification for participating states. If you need TCHs, please sign-up at the end of the day (3:30PM) at the registration desk. Certificates will be sent 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.

This specialty conference was hosted by NEWEA's Collection Systems Committee. We thank the attendees, speakers, exhibitors, and sponsors for making this event successful.



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Presentations

Moving Beyond the I/I Plan

This presentation will take you behind the scenes to where we make the I/I plan come to life. We will explore what your results might be telling you, where you can get the biggest bang for the buck, or where you can confidently start spending your "hard-collected" sewer funds on field investigation work & rehabilitation.

- Laurie Perkins, Wright-Pierce

Evolution of a CMOM Program in Waterbury, CT

Capacity, management, operations and maintenance (CMOM) programs have evolved tremendously as technological advancements have changed how facilities can monitor assets, and SCADA technologies have improved collection system operation. This presentation will chronicle the evolution of the CMOM approach through the lens of Waterbury Water Pollution Control's path to end a 15-year consent decree from the EPA.

- Julie Silva, Woodard & Curran

Scattergraphs Used to Reduce Scattered Results

- Matthew Brown, ADS Environmental Services

Private Inflow: Best Practices for Access and Source Identification

- Steve Perdios and Michael Hanley, Dewberry

Trimming the Fat (Part 2) – Over a Decade of Progress

This presentation details the results of the second round of the City of Worcester's FOG management program. The presentation explores the limitations of grease management systems, the consequences of improper grease management programs, and the benefits of implementing grease regulations to protect a municipality's wastewater collection system.

- Frank Occhipinti, Weston & Sampson; Dylan Ludy and Ian Weyburne, City of Worcester, MA DPW

Improving Private Inflow Inspection and Data Management with GIS

Greenwich has had an active Private Inflow Removal Program for over 15 years. COM Smith developed a new GIS based inspection and data management system for this program.

- Lucas Smith-Horn and Daniel Thompson, CDM Smith

Stacey's Brook Comprehensive Sewer Rehabilitation – A Phased Approach to Reduce Collection System Infiltration and Improve Surface Water Quality

A phased approach to improve surface water quality by reducing wastewater ex-filtration, with a nimble GIS based design.

- Dan Scott and Cecilla Carrion-Carmona, Kleinfelder

Prevention of Fat, Oil, and Grease (FOG) Buildup in an Explosion-Proof Pump Station Environment Through Consistent Dosage of a Plant-Based Formulation by Means of a Pump-Less Liquid Dispensing System

A novel system has been used for over a year in the collection system of Appleton Mills lift station to prevent FOG buildup.

- Dr. Christian Zeigler, Protein Matrix LLC and Aaron Fox, Lowell, MA Wastewater

