



## NEWEA Joint Residuals & Microconstituents Conference & Exhibit

October 15, 2018

UMASS Conference Center, Lowell, MA

### Conference Agenda

8:00 AM	<b>Registration / Continental Breakfast / Exhibit Hall</b>
8:30 AM	<b>Welcome and Opening Remarks</b> Jim Barsanti, NEWEA Past President Natalie Sierra, NEWEA Biosolids & Residuals Chair Rachel Watson, NEWEA Microconstituents Chair
8:30 AM	<b>Keynote Speaker: Laurel Schaider, Silent Spring Institute</b>
9:30 - 10:45 AM	<b>Session 1: State of PFAS Regulations</b> Update and discussion on PFAS regulations from Federal and New England states. Speakers include: Carla Hopkins, ME DEP; Brandon Kernen, NH DES and Eamon Twohig, VT DEC. Facilitator: Ned Beecher, NEBRA
10:45 AM	<b>BREAK / EXHIBIT</b>
11:15 AM - 12:30 PM	<b>Session 2: Impacts from PFAS Regulations in New England</b>
11:15 AM	<b>What has PFAS done to Land Application in the Northeast?</b> • Shelagh Connelly, RMI
11:45 AM	<b>Update on NEBRA's Regional PFAS Education and Outreach Efforts</b> • Ned Beecher, NEBRA
12:00 PM	<b>Wastewater Treatment Plants as a Source of PFASs to the Environment</b> • Charlotte Wagner, Harvard University
12:30 PM–1:15 PM	<b>LUNCH</b> (provided)
1:15 PM	<b>Session 3: PFAS Analysis and Treatment</b> <b>PFAS Analysis of Soils—What to Expect and How to Evaluate the Data</b> • Lisa Krowitz, TRC
1:45 PM	<b>Detailed Site Investigation of Unsaturated and Saturated Zones for PFAS</b> • Allan Horneman, Arcadis
2:15 PM	<b>PFAS Confirmed—Now What Do We Do?</b> • Marilyn Wade, Brown and Caldwell
2:45 PM	<b>BREAK / EXHIBIT</b>
3:00 PM	<b>Session 4: PFAS Challenges for Professionals</b> <b>Regulatory, Technical and Communication Challenges for Licensed Environmental Remediation Professionals</b> • Ted Toskos, Woodard and Curran
3:30 PM	<b>Pfacts versus Pfear on PFAS - Separating PFAS from Fiction</b> • Lisa Campe, Woodard & Curran
4:00 PM	<b>CLOSING REMARKS / ADJOURN</b>

#### EXHIBITORS

- David F. Sullivan & Assoc. Inc.
- Lystek International, Inc
- NEIWPCC
- Vista Analytical Laboratory



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### DESCRIPTIONS OF PRESENTATIONS

#### **What has PFAS done to Land Application in the Northeast?**

An overview of the impact that PFAS is having on land application in the northeast. This presentation will describe some of the contributing factors that are causing the uncertainty and concerns. - Shelagh Connelly, RMI

#### **Update on NEBRA's Regional PFAS Education and Outreach Efforts**

- Ned Beecher, NEBRA

#### **Wastewater Treatment Plants as a Source of PFASs to the Environment**

Waste Water Treatment Plants can be used to estimate the spatial and temporal distribution of PFASs releases to the environment and the resulting potential for human exposure. - Charlotte Wagner, Harvard University

#### **PFAS Analysis of Soils—What to Expect and How to Evaluate the Data**

The differences between laboratory analytical methods for PFAS in soil will be discussed and the impact these differences may have on data usability. - Lisa Krowitz, TRC

#### **Detailed Site Investigation of Unsaturated and Saturated Zones for PFAS**

Presentation will discuss the application of detailed and innovative site characterization technologies to delineate PFAS impacts in soil and groundwater. The approach focuses on finding the flux and understanding risk to potential receptors. - Allan Horneman, Arcadis

#### **PFAS Confirmed—Now What Do We Do?**

This presentation provides an overview of potential source control and remedial responses that can be considered when PFAS impacts are identified in the wastewater treatment process. - Marilyn Wade, Brown and Caldwell

#### **Regulatory, Technical and Communication Challenges for Licensed Environmental Remediation Professionals**

How licensed professionals can use professional judgement to collect appropriate data to both define the nature and extent of PFAS impact and to assess whether receptors may be adversely impacted and decide if mitigation is warranted, - Ted Toskos, Woodard & Curran

#### **Pfacts versus Pfear on PFAS - Separating PFAS from Fiction**

This presentation will focus on distilling and conveying key facets of information in a transparent manner including: toxicological; exposure and risk assessment methods; reevaluation setting in US and other countries' approaches to PFAS. - Lisa Campe, Woodard and Curran

### 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 (4:00PM) 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 Residuals & Microconstituents Committees. We thank the attendees, speakers, exhibitors, and sponsors for making this event successful.**

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