

# NORTH EAST RESIDUALS & BIOSOLIDS CONFERENCE

Annual Conference, Exhibit & Tour

2019  
SPECIALTY  
CONFERENCE  
& WORKSHOP  
SERIES



October 16 – 18 / Springfield, MA / co-sponsored by NEBRA & MWPCA

## Final Conference Program

### WEDNESDAY, OCTOBER 16, 2019

- 3:30 PM Facility Tour (optional): City of Westfield WRRF  
5:30 PM Welcome Networking Reception (optional): Westfield, MA Brewery  
7:00 PM Dinner on own



### THURSDAY, OCTOBER 17, 2019

- 7:00 AM **NEBRA ANNUAL MEETING & BREAKFAST** (separate registration required - for NEBRA Members and potential members)
- 7:30 AM **CONFERENCE REGISTRATION / EXHIBITS** (continental breakfast included)  
(sign in for TCH credit)
- 9:15 AM **WELCOME & OPENING REMARKS**  
Ray Vermette, NEWEA President and Natalie Sierra, Chair, NEWEA Residuals & Biosolids Management Committee
- 9:30 AM **KEYNOTE ADDRESS: Karen Schuett, Cofounder & CEO, Livestock Water Recycling**
- SESSION 1: REGULATIONS**  
Moderator: Jennifer Lichtensteiger, NEIWPC
- 10:00 AM **A Comparison of New England Agricultural Phosphorus Indices**  
• Amanda Wheeler and Andrew Carpenter, Northern Tilth
- 10:30 AM **COFFEE BREAK / EXHIBITS**
- 11:00 AM **NEW ENGLAND REGULATORY ROUNDUP DISCUSSION**  
• Rowland Denny, CT DEEP; Kevin Brander, MassDEP; Carla Hopkins, MEDEP; Ray Gordon, NHDES; Eamon Twohig, VTDEC
- 12:00 PM **LUNCH** (included)
- SESSION 2: BIOSOLIDS PLANNING AND END USE**  
Moderators: Eric Spargimino, CDM Smith and Mike Lannan, Tech Environmental
- 1:00 PM **Long-term Sustainability in Thermal Drying Facility Operations through Innovative Asset Management and Strategic Capital Improvements**  
• Sean Murnan, NEFCO and Ryan Siegel, Tighe & Bond
- 1:30 PM **Initial Feasibility Study for Co-Digestion at the Rockland WWTP**  
• John Ross, Brown & Caldwell and John Loughlin, Town of Rockland
- 2:00 PM **Jeffrey Mine Reclamation Project—Simply Amazing**  
• Nicholas Leblanc, Englobe
- 2:30 PM **BREAK / EXHIBITS**
- 3:00 PM **Re-Building a Sustainable Land Application Program using Dried Class A Biosolids**  
• Michael Potash and April Sargent, Resource Management, Inc.
- 3:30 PM **Using Sludge Rheology in Solids Systems Design and Planning**  
• Dr. Tracy Chouinard, Brown & Caldwell
- 4:00 PM **The Mass Sludge Survey 2018**  
• Ned Beecher and Janine Burke-Wells, NEBRA
- 4:30 PM **Resource Recovery Could Unlock Economic Opportunity and Leverage Dormant Industrial Infrastructure**  
• Chloe Greenberg, Woodard & Curran  
  
(sign out for TCH credit)
- 5:00 PM **Meet & Greet/Exhibit Area**  
Join fellow attendees and exhibitors in the atrium area for hearty hor d'ouevres, hosted bar and networking.
- 7:00 PM **Dinner on own**

OVER

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FRIDAY, OCTOBER 18, 2019

- 7:30 AM REGISTRATION / CONTINENTAL BREAKFAST / EXHIBITS**  
(sign in for TCH credit)
- 8:15 AM WELCOME & OPENING REMARKS**  
Tom Schwartz, NEBRA President
- SESSION 3: PFAS**  
Moderators: Andrew Carpenter, Northern Tilth and Ned Beecher, NEBRA
- 8:30 AM PFAS in Biosolids: State of Knowledge and Treatment Opportunities**  
• Jay Surti, Deb Mahoney and Mohammad Abu-Orf, Hazen and Sawyer
- 9:00 AM Residuals-Related PFAS Sampling; What Fun!**  
• Leigh Dorsey and Andrew Carpenter, Northern Tilth
- 9:30 AM PFAS in Waste, Is That Forever Chemical's Final Destination?**  
• Harry Behzadi, Emerging Technologies
- 10:00 AM BREAK / EXHIBITS**
- 10:30 AM Assessment of PFAS Leachability from Biosolids in 3.1 Square Miles Agricultural Area**  
• Allan Horneman, Arcadis
- 11:00 AM What if We Had to Treat All Water to Part per Trillion Levels—What Would be the Environmental Impact of Treatment**  
• Michael Lannan and Tim Jones, Tech Environmental
- 11:30 AM Update on PFAS Efforts**  
• Ned Beecher, NEBRA
- 12:00 PM LUNCH** (provided)
- 1:00 PM ADJOURN** (sign out for TCH credit)



EXHIBITORS	SPONSORS	
Biowaste Pyrolysis Solutions, LLC	AECOM	Jacobs
BDP Industries, Inc.	Aqua Solutions	Kleinfelder
Casella Organics	ARCADIS	Mott MacDonald
David F. Sullivan & Associates	Brown and Caldwell	NEFCO
Englobe Corp.	CDM Smith	Stantec
MWPCA	David F. Sullivan & Associates, Inc.	Suez
NEBRA	Englobe Corp.	Tata & Howard
Resource Management Inc	Flow Assessment Services	The MAHER Corporation
Savy & Sons LLC	Fuss & O'Neill, Inc.	Tighe & Bond
Walker Wellington LLC	GHD, Inc.	Weston & Sampson
WesTech Engineering, Inc.	Hazen and Sawyer	Woodard & Curran
	Hoyle, Tanner & Associates	Wright-Pierce

WIFI PASSWORD: water2019

**TRAINING CONTACT HOURS (TCHs):** Training Contact Hours (TCHs) will be awarded for operator recertification for participating states. If you need TCHs, please sign up at the end of each day at the registration desk to receive credit for that day. You MUST sign up for both days to receive credit for both days.

**PROCEEDINGS:** Presentations from this conference will be posted online at newea.org and nebiosolids.org shortly following the event. Attendees will be notified when presentations are available.

**Thank you for attending!**