



## North East Residuals & Biosolids Conference

October 22-23, 2014

Marriott Hotel, South Portland, ME



### Agenda – Wednesday, October 22, 2014

12:30 PM Portland Room	<b>NEBRA 17th Annual Meeting &amp; Luncheon</b> (NEBRA Members/Potential Members)
12:30 - 5:00 PM 12:30 - 6:30 PM	Registration/Exhibits (lunch on own) Exhibit Hall Open
2:00 PM	<b>WELCOME &amp; OPENING REMARKS</b> (Casco Bay) Brad Moore, NEWEA President Jonathan Keaney, NEWEA Residuals Management Committee Chair
2:15 PM	<b>SESSION 1: CO-DIGESTION</b> Moderator: Deborah Mahoney, Hazen and Sawyer  • <b>The Power of FOG: Turning a Bad Situation Into a Good One</b> Melissa Hamkins, Wright-Pierce • <b>Managing Food-Waste-Management Odors</b> Raymond Porter, Porter Odor Science
3:15 PM	COFFEE BREAK / EXHIBITS
3:30 PM	• <b>Scheduling Optimal Anaerobic Digestion Feeding for Co-digestion Operations</b> Barbara Wingler, Natural Systems Utilities • <b>Full-Scale Case Study of Rapid Volume Expansion of Digester Contents</b> Christopher Muller, Brown and Caldwell • <b>An Anaerobic Digestion System Integrated with Wastewater Treatment in a Public/Private Partnership Facilitates (Nutrient) Resource Recovery</b> Alan Johnson, Quasar Energy Group
5:00 - 6:30 PM	<b>NETWORKING RECEPTION / EXHIBITS</b> A social hour with exhibits, beverages, & hearty appetizers.
7:00 PM Hotel Lobby	<b>NETWORK MORE at Rí Rá Irish Pub, Portland*</b> Taxi vans leave the hotel at 6:30, 6:45, and 7:00 and return at the end of evening (\$5 per person round trip, payable on boarding van).  The Rí Rá Irish Pub is located at 72 Commercial Street Portland, ME 04101 approximately 6.5 miles from the hotel. <a href="http://www.rira.com/portland">http://www.rira.com/portland</a>  *participants are responsible for cost of food, drinks and transportation.

OVER



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7:30 - 8:00 AM	Registration/Continental Breakfast
7:30 AM - 4:30 PM	Exhibit Hall Open
7:50 AM	<b>WELCOME &amp; OPENING REMARKS</b> (Casco Bay) Aubrey Strauss, MEWEA President Andrew Carpenter, NEBRA President
8:00 AM	<b>SESSION 2: GO FOR IT!</b> Moderator: Jason Turgeon, U. S. EPA Region 1  <ul style="list-style-type: none"><li>• <b>Standing at a Crossroad: Navigating Biosolids Management Decisions in the Face of an Uncertain Future</b> - Matthew Van Horne, Hazen &amp; Sawyer</li><li>• <b>Triple Bottom Line Analysis of Biosolids Management Options: TBL Model Results from the WERF Energy Neutrality Project</b> - Andrew Carpenter, Northern Tilth</li><li>• <b>Ridgewood, New Jersey: An Energy-Positive, Cash-Positive Wastewater Treatment Plant</b> - Eugenio Giraldo, Natural Systems Utilities</li></ul>
9:30 AM	BREAK / EXHIBITS
10:00 AM	<b>KEYNOTE: 25 Years in the Biosolids: Challenges, Changes, Chances &amp; Conclusions</b> Clayton "Mac" Richardson, Lewiston-Auburn Water Pollution Control Authority
11:00 AM	<b>SESSION 3: NUTRIENT CHALLENGES &amp; OPPORTUNITIES</b> Moderator: Elaine Sistare, CDM Smith  <ul style="list-style-type: none"><li>• <b>Side Stream Nutrient Considerations and Nutrient Harvesting</b> - Eric Spargimino, CDM Smith</li><li>• <b>Struvite: The Deer Island Experience</b> - Ethan Wenger, Massachusetts Water Resources Authority</li></ul>
12:00 NOON	LUNCH / EXHIBITS <b>YOU'VE GOT OPTIONS! Lunchtime technology presentations</b> <ul style="list-style-type: none"><li>• Lystek</li><li>• BIOFerm</li><li>• Therma-Flite</li><li>• Crown Disintegrator</li></ul>
1:15 PM	<b>SESSION 4: RISING TO THE CHALLENGE</b> Moderator: Kenneth Scully, Fay Spofford & Thorndike  <ul style="list-style-type: none"><li>• <b>Class B Land Application – It's Alive!</b> - Jen McDonnell, Casella Organics</li><li>• <b>Using a Biosolids Management System to Advance Quality Practices</b> - Natalie Sierra, Brown and Caldwell</li></ul>
2:15 PM	BREAK / EXHIBITS
2:30 PM	<b>SESSION 5: REGULATION ROUNDTABLE</b> Moderator: Ned Beecher, NEBRA  <ul style="list-style-type: none"><li>• <b>Maine Odor Regulations &amp; Other Recent Developments</b>, Carla Hopkins, Maine DEP</li><li>• <b>Vermont Biosolids White Paper &amp; Regulations Development</b>, Eamon Twohig, Vermont DEC</li><li>• <b>New Hampshire Biosolids Rulemaking 2015</b>, Michael Rainey, NH DES</li><li>• <b>Massachusetts' Organics Ban &amp; the Biosolids Program</b>, MassDEP (invited)</li><li>• <b>An Update from Nova Scotia</b>, Ashley Hosier, Nova Scotia Environment</li></ul>
4:00 PM	CLOSING REMARKS & NEBRA Raffle Drawing



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### EXHIBITORS

Aqua Solutions, Inc.  
BIOFerm Energy Systems  
Casella Organics  
David F. Sullivan & Assoc.  
Lystek International Inc.  
The MAHER Corporation  
Resource Management, Inc.  
Statewide Aquastore, Inc.  
Technology Sales Associates, Inc.  
Walker Wellington LLC  
WeCare Organics LLC

Please take a moment to visit the exhibitors

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as of 10/15/14

### 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](http://newea.org) and [nebra.org](http://nebra.org) shortly following the event. Attendees will be notified when presentations are available.

This specialty conference was a joint effort by NEWEA's Residuals & Biosolids Management Committee and the North East Biosolids & Residuals Association (NEBRA). We thank the attendees, speakers, exhibitors, and sponsors for making this event successful.