The beneficial reuse of water is a valuable tool for industrial, institutional and municipal entities to reduce their water footprint while solving issues with supply, discharge permitting and cost.

This one-day specialty conference explores water reuse in depth by tackling a broad spectrum of reuse topics including power plant cooling, membrane treatment advances, greenhouse reuse, conservation of domestic water, educational institution systems, economic analysis, materials recovery and industrial treatment and reuse of metals finishing wastewater. This conference is a “must” for industrial, institutional, public and commercial facility planners, engineers and wastewater practitioners, especially those facing the challenges of planning for water resiliency and sustainability.

A tour to UTC Aerospace Wastewater Treatment in Windsor Locks, CT will be offered in the afternoon. UTC Aerospace operates a state-of-the-art industrial wastewater treatment facility for the treatment and recycling of wastewater generated from categorical metal finishing operations and related activities.

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:30 – 8:30</td>
<td>Registration, Exhibits, Networking and Refreshments</td>
</tr>
<tr>
<td>8:30 – 9:15</td>
<td>Welcome and Opening Remarks</td>
</tr>
<tr>
<td></td>
<td>CT State Senator Ted Kennedy, Jr. (invited)</td>
</tr>
<tr>
<td></td>
<td>Matt Formica, NEWEA President</td>
</tr>
<tr>
<td></td>
<td>Ed Whatley, Water Reuse Committee Chair</td>
</tr>
<tr>
<td></td>
<td>Lisa Andrews, Industrial Wastewater Committee Chair</td>
</tr>
<tr>
<td>9:45 – 10:00</td>
<td>Coffee Break</td>
</tr>
<tr>
<td></td>
<td>Concurrent Session A</td>
</tr>
<tr>
<td></td>
<td>Concurrent Session B</td>
</tr>
<tr>
<td>10:00 – 10:30</td>
<td>Planning for Reuse – Part 1</td>
</tr>
<tr>
<td></td>
<td>Commercial and Institutional Water Reuse</td>
</tr>
<tr>
<td>10:00 – 10:30</td>
<td>The Customer is Key—How to Design A Reuse System to Maximize Satisfaction and Minimize Cost – Lynne Putnam, Dewberry</td>
</tr>
<tr>
<td>10:30 – 11:00</td>
<td>Water Conserv II Sets the Standard for Reuse Projects in the Northeast – Jay Sheehan, Woodard &amp; Curran</td>
</tr>
<tr>
<td>11:00 – 11:30</td>
<td>Planning for Reuse – Part 2</td>
</tr>
<tr>
<td>11:00 – 11:30</td>
<td>Improving Competitiveness Through Financial Assessment of Water Reuse Technologies – Marina Fernandes, CDM Smith</td>
</tr>
<tr>
<td>11:30 – 12:00</td>
<td>Reuse of Secondary Treated Effluent for Potential Power Plant Cooling Supply – Christopher Pierce, Wright-Pierce Brian Armet, Mattabassett District</td>
</tr>
<tr>
<td>12:00 – 1:00</td>
<td>Lunch/Exhibits – Networking</td>
</tr>
<tr>
<td>1:00 – 1:30</td>
<td>Industrial Wastewater as an Alternative Carbon Source – Andrew Hood, Keystone Engineering Group</td>
</tr>
<tr>
<td>1:30 – 2:00</td>
<td>Water Reuse for a Commercial Greenhouse – Elizabeth Troop, Fuss &amp; O’Neill</td>
</tr>
<tr>
<td>2:00 – 2:30</td>
<td>Cost-Effective Industrial Water Reuse Yields Significant Reduction in Wastewater Discharge at a Manufacturing Plant in Peabody, MA – Carl Wilcox, Woodard &amp; Curran</td>
</tr>
<tr>
<td>2:30 – 4:30</td>
<td>UTC Aerospace Wastewater Treatment Facility Tour</td>
</tr>
<tr>
<td></td>
<td>UTC Aerospace Systems operates a state-of-the-art industrial wastewater treatment facility for the treatment and recycling of wastewater generated from categorical metal finishing operations and related activities. The wastewater treatment facility includes pretreatment of segregated wastewaters including chromium reduction and microfiltration; primary treatment consisting of equalization, neutralization, metal hydroxide precipitation and multi-media filtration; and water reuse consisting of carbon filtration, water softening, reverse osmosis and vacuum distillation. The treatment facility is designed to treat and recycle in excess of 100,000 gallons per day and is fully automated utilizing PLC and SCADA. Transportation on own.</td>
</tr>
</tbody>
</table>

Contact training hours will be awarded for operator re-certification or professional engineering education in participating states.
Tuesday, April 28, 2015 • University of Hartford Conference Center, West Hartford, CT

EARLY REGISTRATION DEADLINE—4/17/15

Training Contact Hours (TCHs) will be awarded for participating states.

REGISTRATION FORM:

NEWEA Water Reuse & Industrial Wastewater Specialty Conference
Tuesday, April 28, 2015 • University of Hartford Conference Center, West Hartford, CT

Last Name ______________________________________________________
First Name ______________________________________________________
Affiliation/Co. _____________________________________________________
Address_________________________________________________________
City/State___________________________________ Zip__________________
Phone _________________________________________________________
Email___________________________________________________________

Mail to: NEWEA, 10 Tower Office Park, Suite 601, Woburn, MA 01801 • FAX to: 781-939-0907
Questions: Contact the NEWEA office at 781-939-0908 or mail@newea.org.

Early Registration Deadline—4/17/15: A confirmation and directions will be sent via email prior to the event.
Cancellations: Must be received in writing by 4/24/15. Due to agreements and guarantees, no refunds will be made after 4/24/15.

Register online at newea.org

Registration fees include: technical program, continental breakfast, lunch and breaks.

Speakers may register at the member rate.

SPONSORS (as of 3/4/15)

AECOM
ARCADIS
Black and Veatch
Blake Equipment
Brown and Caldwell
CDM Smith
Dewberry
Environmental Partners Group
EST Associates
Fuss & O'Neill
Green Mountain Pipeline Services
Hayes Pump
Hazen and Sawyer
Kleinfelder
The MAHER Corporation
Tighe & Bond
Weston & Sampson

UTC Aerospace WWTF Tour (2:30-4:30PM)

☐ Yes, I want to attend transportation on own. Security, Safety glasses required.

Membership ID # __________________________

☐ Check enclosed / Made payable to NEWEA
☐ Purchase Order # __________________________
☐ Visa/MC/Discover/AMEX

# ___________________________ Security/CVC __________________________

Exp. __________ Signature __________________________

Payment

Early Registration

Late Registration

(before 4/17/15)

☐ $185.00 pp

☐ $200.00 pp

☐ $285.00 pp

☐ $300.00 pp

☐ $25.00 pp

☐ $25.00 pp

☐ $35.00 pp

☐ $35.00 pp

☐ $35.00 pp

☐ $35.00 pp