



## Resiliency Planning: Operator and Engineer Collaboration and Design

Tuesday, September 26, 2017  
Courtyard Marriott, Keene, NH

### Agenda

- 8:30 AM Registration/Continental Breakfast
- 9:00 AM **Welcome and Keynote Address**  
Janine Burke-Wells, NEWEA President-Elect  
Kurt Mailman, Vice Chair, Small Community Committee
- 9:15 AM **Climate Predictions and Implications on Infrastructure and Operations**  
• Phil Forzley, Fuss & O'Neill
- 9:45 AM **Warwick Sewer Authority: Flood Response, Recovery & Mitigation**  
• David Caouette & Janine Burke-Wells, Warwick, RI Sewer Authority
- 10:15 AM Coffee Break
- 10:45 AM **Climate Adaptation Strategies for Four Maine Coastal Communities WWTFs**  
• Kyle Coolidge, Wright-Pierce
- 11:30 AM **Hazard Mitigation: Upgrade of a Vulnerable Pump Station from A to Z**  
• Ian Catlow, Tighe & Bond
- 12:15 PM Lunch (provided)
- 1:15 PM **Evaluation of Critical Infrastructure in Mattapoisett, MA**  
• Kevin Flood, Fuss & O'Neill
- 2:00 PM **Addressing the Drought in Massachusetts through Beneficial Wastewater Reuse**  
• Meghan Trahan, Environmental Partners
- 2:45 PM Closing Remarks
- 3:00 PM Adjourn

**TRAINING CONTACT HOURS (TCHs)** will be awarded for operator recertification for participating states. If you need TCHs, please sign-up **when you leave** (see 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 when the presentations are available.

This specialty conference was hosted by NEWEA's Small Community Committee. We thank you for making this event successful. THANK YOU!



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## DESCRIPTIONS OF PRESENTATIONS

### **Climate Predictions and Implications on Infrastructure and Operations**

*This presentation will consider precipitation and sea level trends and anticipated changes and how they may impact the infrastructure we rely on. Presented by Phil Forzley, Fuss & O'Neill*

### **Warwick Sewer Authority: Flood Response, Recovery & Mitigation**

*Unprecedented rains in the Spring 2010 resulted in the flooding of the Warwick Sewer Authority's wastewater treatment facility in over 10 feet of water. Seven years later the facility is now protected from the 500 year storm. This presentation will focus on the story of the flood and the successful flood mitigation project. Presented by David Caouette & Janine Burke-Wells, Warwick, RI Sewer Authority*

### **Climate Adaptation Strategies for Four Maine Coastal Communities WWTFs**

• Kyle Coolidge, Wright-Pierce

### **Hazard Mitigation: Upgrade of a Vulnerable Pump Station from A to Z**

• Ian Catlow, Tighe & Bond

### **Evaluation of Critical Infrastructure in Mattapoisett, MA**

*Results of the modeling and evaluations completed at critical water and wastewater facilities in Mattapoisett, MA will be presented. The talk will describe modeling efforts completed, present preliminary adaptation measures and provide budgetary opinions of construction cost for the measures presented. Presented by Kevin Flood, Fuss & O'Neill*

### **Addressing the Drought in Massachusetts through Beneficial Wastewater Reuse**

*This presentation discusses the exploration of wastewater reuse as a strategy to mitigate drought conditions by reducing strain on drinking water sources. Presented by Meghan Trahan, Environmental Partners*