

REVERSE PITCH WEBINAR SERIES

Water industry challenges, innovative strategies, and solutions



NEWEA's Innovation Council will be hosting a reverse pitch series once a month featuring interactive panels that will bring leading representatives across the water industry together to discuss challenges, innovative strategies, and solutions. **Register for the series or just one event!**

What's the role of wastewater analytics/sampling/epidemiology during the COVID pandemic?

Tuesday, October 20, 2020 @12:00-1:30pm

Wastewater data collection and management has proven to be a useful tool in helping address public health issues that impact our communities. This panel will discuss what communities are exploring and implementing in wastewater epidemiology during this time of the COVID pandemic. Panelists will discuss emerging considerations for sampling, data collection, management, communication and the role community infrastructure professionals may play during the COVID pandemic. Host: Miles Walker, Woodard & Curran

Panelists: Paula Mouser, UNH; Pablo Calabuig, GoAigua; Anna Mehrotra, CDM Smith; Biobot; City of Valencia (Spain); Plymouth Village Water & Sewer District

Distributed Nitrogen Removing, Innovative/Alternative (I/A) Septic Systems

Tuesday, November 17, 2020 @ 12:00-1:30pm

Nitrogen from home septic systems drive over 80% of the marine water quality problems on Cape Cod. Over 107,000 Cape homes (74%) are not connected to a sewer system. Title 5 septic systems do not remove nearly enough nitrogen to meet the 2015 Section 208 Plan objective of reducing the Cape's nitrogen load by more than 50%. Even with plans being developed to spend \$4b+ over the next 30 years to sewer about half of the Cape, there arguably will still be over 70,000 home septic systems in use in 20 years. New technologies (Innovative/Alternative [I/A] Septic Systems) are being developed and tested to remove nitrogen at the home level for costs now equal to or less than sewerage, creating a new paradigm for reducing nitrogen loads. The panel will put this complex environment into perspective and discuss issues that will need attention for I/A systems to really make an impact. A recently announced lawsuit by the CLF may accelerate Cape adoption of newer technologies.

Participants: Bruce Walton, Battalia Winston; Zee Crocker, Barnstable Clean Water Coalition; Tim Gleason, US EPA; George Heufelder, MASSTC; Scott Horsley, Horsley Witten Group; and John Smith, KleanTu LLC

What is the current state of water reuse, and where does New England stand in its adoption?

Tuesday, December 15, 2020 @ 12:00-1:30pm

As the global population increases relative to the availability of potable water, municipalities have begun to investigate methods for wastewater reuse and reclaim. Drivers such as water scarcity, high wastewater disposal costs, and the regulation of emerging contaminants have brought many of these municipalities to implement water reuse systems. This panel will discuss current approaches to water reuse, barriers to adoption within New England, as well as considerations for how water infrastructure might need to adapt in the future.

Host– Joshua Griffis, Evoqua Water Technologies

Workforce Development

Tuesday, January 19, 2021 12:00-1:30pm

With growing pressure to increase diversity and bolster an aging workforce, this panel will discuss opportunities to innovate within organizations and through strategic partnerships. We will explore a variety of realms in the water sector from youth programs and collegiate outreach to professional development and innovation training courses.

Host: James Plummer, NEIWPC

[Register Online](#)