

# WEAT – NTS FEBRUARY SEMINAR



WEAT  
North Texas Section

## WASTEWATER TREATMENT: Developing Sustainable Water Supplies for the Future

February 15th, 17th, and 19th, 2021 | 11:00 am – 1:20 pm

### Virtual Seminar

#### DAY 1 - FEBRUARY 15, 2021

Welcome Remarks 11:00 AM

WEAT Regulatory Updates - Julie Nahrgang 11:05 AM

11:15 **Holistic Benefits of Water Reuse** - Vijay Sundaram, PhD, PE (AECOM)

11:45 **Water Reuse in the DFW Metroplex - A Story of Innovation and Collaboration, but Where Do We Go From Here** - Ellen McDonald, PhD, PE (Plummer)

12:15 **BREAK (5 minutes)**

12:20 **Reuse in North Texas - DPR to IPR** - Hunter Adams, MS (City of Wichita Falls)

12:50 **The Role of Water Reuse in a One Water Planning Approach** - Melanie Holmer, PE (Brown and Caldwell), Jessica Fritsche (Brown and Caldwell)

ADJOURN 1:20 PM

#### DAY 2 - FEBRUARY 17, 2021

Welcome Remarks 11:00 AM

11:05 **A One Water Approach to Understanding Contaminants of Emerging Concern** - Jennifer Flippin, PE (Tetra Tech), Jerry Diamond (Tetra Tech)

11:35 **PFAS: Is that miracle coating in your effluent?** - Kaylee Dusek, PE (Kimley Horn), April Escamilla (Kimley Horn)

12:05 **BREAK (5 minutes)**

12:10 **PFAS in Water Reclamation Plants: Treatment and Environmental Fate** - Shiram Manivannan, PE (AECOM), Alex Fanchi, PE (AECOM)

12:40 **Microplastics in Biosolids** - Tyler Budnick, PE (AECOM)

ADJOURN 1:10 PM

#### DAY 3 - FEBRUARY 19, 2021

Welcome Remarks 11:00 AM

11:05 **Utilizing validation spot-check tools for rapid, on-site UV performance testing** - Michael J. Watts, PE (Garver), Tania M. Ho, PE (TRA)

11:35 **Battling the Dark Side of Disinfection with An Empirical Modeling Tool** - Andrea Netcher, PhD, PE (Tetra Tech), Kevin Friedman, PE (Tetra Tech)

12:05 **BREAK (5 minutes)**

12:10 **Tapping into the Value of Reclaimed Water at the Source: Strategies for Getting the Most out of Plant Service Water Systems** - Ana Pena-Tijerina, PhD, PE, (Plummer), David Gudal, PE (Plummer)

12:40 **Enhancing Biogas Production from Anaerobic Digesters through Organic Waste Addition - Benefits and Lessons Learned** - Ganesh Rajagopalan, PE (Kennedy Jenks Consultants)

ADJOURN 1:10 PM