WEAT – NTS FEBRUARY SEMINAR

WEAT
North Texas Section

WASTEWATER TREATMENT: Developing Sustainable Water Supplies for the Future

March 9th, 10th, and 11th, 2021 | 11:00 am – 1:20 pm

Virtual Seminar

DAY 1 - MARCH 9, 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 - MARCH 10, 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	**Enhancing Biogas Production from Anaerobic Digesters through Organic Waste Addition - Benefits and Lessons Learned -** *Ganesh Rajagopalan, PE (Kennedy Jenks Consultants)*

ADJOURN 1:10 PM

DAY 3 - MARCH 11, 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	**Microplastics in Biosolids -** *Tyler Budnick, PE (AECOM)*

ADJOURN 1:10 PM