SUPPORTING DOCUMENTATION

Presentation Title: Food Waste Co-Digestion

Instructor Bios

Michael Humm, P.E.

Principal with Kennedy Jenks Consultants, and a dynamic engineer focused on planning and design of infrastructure improvement projects across the water environment. Michael is a strong internal and external communicator who has successfully delivered multidisciplinary designs across planning, design, and construction phases. Michael is adept at developing his client's vision, leveraging his strong leadership to ensure the design team maintains focus on the project specific goals, and by doing so, delivering operationally sound, successful, and long lasting improvements.

Rajagopalan Ganesh, Ph.D., P.E.

Dr. Ganesh Rajagopalan is the Manager of Kennedy Jenks' Applied Research Group and resides in the Irvine office of Kennedy Jenks. He has over 25 years of experience in planning, treatment cost evaluation, design, technology development and project management in potable water, wastewater, and recycled water treatment. He was a project manager/engineer in several projects to evaluate water quality, identify treatment technologies and estimate treatment costs for groundwater supplies.

Luke Werner, P.E.

Luke Werner has extensive experience in a wide range of civil and environmental engineering activities involving water, wastewater, and storm water. He has provided engineering and construction support, prepared plans and specifications, and cost estimates for completed projects. He is also at the forefront of developing enhanced primary treatment systems, grease and food waste receiving programs, and rehabilitating digesters at wastewater facilities.

David Seymour, P.E.

David Seymour's professional work has focused on facility planning, biological process design, and the application of wastewater process simulators to predict, validate, and optimize treatment process performance. David has worked at over 35 different wastewater treatment facilities, ranging in size from 0.5 mgd to 250 mgd. David's relevant experience includes facilities planning of BNR upgrades, design and construction support of WWTP upgrades, and performance optimization of operating WWTPs.

Timeline

1.5 hours

Agenda

- Co-Digestion Overview
- Developing Co-Digestion Programs
- Discussion/Q&A
- Please enter questions in chat

Corse Synopsis

This course will present an overview of Co-Digestion, the process, goals, and benefits. The presentation will explain with co-digestion at a WWTP entails, why pre-processing is important and the types of co-digestion that can be utilized at a WWTP. The presenters will walk through ongoing projects and programs including the development of co-digestions programs as Silicon Valley Clean Water, Orange County Sanitation District, and Portland Bureau of Environmental Services. These projects will highlight the envisioned facilities, planning considerations, and takeaways of implementing a co-digestion program.

Tracking Attendance on Webinar

Have people sign in individually, not as a group. Attendees will add their name and license numbers in the chat bar, attendees will also be able to provide information via email and a moderator will check the record of those that attended.

Link to form that attendees will add their information.