California Water Environment Association
Santa Clara Valley Section Presents:

Anaerobic Digestion
Energy Recovery Case Studies with Unexpected Results

Wastewater Treatment Plant Waste-To-Energy

Waste-to-energy projects at wastewater treatment plants (WWTP) have been receiving greater attention and notoriety recently. Some of this recent attention can be attributed to heightened awareness of climate change and a desire to reduce our dependence on fossil fuels. Another aspect of WWTP waste-to-energy projects that has changed fairly recently is the enticement to receive outside organic waste streams. Receiving organic waste streams such as Fats Oils Grease (FOG), food scrap waste, and food processing waste has many benefits that include increased energy production, increased revenue from tipping fees, credit toward landfill diversion goals, and enhanced biosolids reduction.

Date/Time
Thursday, June 19, 2014
5:00 – Social Hour
6:00 – Dinner
7:30 – Presentation

Location
Lucy Evans Baylands
Nature Interpretive Center
2775 Embarcadero Road
Palo Alto, CA

Dinner
$35.00 CWEA Members
$45.00 Non-CWEA Members
$15.00 Students and Retirees

Menu
Social Hour: No Host Bar and Appetizers

Dinner: Buffet Includes Salad, BBQ, and Dessert

Contact and RSVP
Sid Nash at cweascvs@gmail.com for dinner reservations. **Please include your name, your agency or company, and if you desire CEU credit**. If you require dietary or other special accommodations, please provide a written description of your needs.

Reservation deadline is **noon on Tuesday, June 17th**.

A reservation is a commitment to pay.

Mike Joyce, PE
Mike has over 30 years of WWTP experience, with a focus on optimization of the anaerobic digestion process to maximize the volatile solids destruction and methane production. Mike helped develop the oldest successful FOG program in California at Silicon Valley Clean Water in Redwood City. He has studied the performance of that digestion system in detail including the impacts of FOG and food waste digestion, concluding that digestion provides the best opportunity to convert our community's pollutants into renewable fuels. Mike is a Principal at Kennedy/Jenks Consultants.