



Please R.S.V.P to: Suzanne Helwich,
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by September 1, 2015

INVITATION TO WORKSHOP

From Energy Consumer to Energy Producer: The American WWTP of the Future!

The Water Technology Alliance (WTA), anchored at The Consulate General of Denmark, Chicago, together with 3V (VCS Denmark, Aarhus Water and HOFOR), has the pleasure of inviting you to join us at one of our two workshops this fall.

October 5, 2015 - 8 AM - 3 PM
Urbana-Champaign Sanitary District

Address: 1100 E. University Ave. Urbana, IL 61802

"Last year I had an opportunity to join a fact-finding trip to Denmark to find out how WWTPs are run in Europe. It was very enlightening and emboldened me to take major steps towards energy savings at our WWTP in Urbana-Champaign. This workshop will highlight some of the important issues that we are undertaking."

Wade Lagle, Operations Supervisor,
Urbana-Champaign Sanitary District

October 6, 2015 - 8 AM - 3 PM
Glenbard Wastewater Authority

Address: 21W551 Bemis Road Glen Ellyn, IL 60137

"After participating at a WTA workshop in 2014, I had no doubt that I should be part of the follow up fact-finding trip to Denmark. I was not disappointed and am now looking at how to move forward with our plant's energy efficiency plans."

Erik Lanphier, Executive Director,
Glenbard Wastewater Authority

Increased public focus on energy efficiency, and legislative authorities' call for phosphorus and nitrogen removal are creating an environment of opportunities for WWTPs to optimize their processes. Denmark has similar longstanding legislative demands and has worked on these issues for years. At our workshops, we will present options that will enable US utilities to reach those same standards within the following areas:

- Energy Neutrality - Reduction & Production
- Effluent Quality
- Storm-Water
- Controls

"It is a workshop that addresses practical methods and tools to achieve energy neutral wastewater treatment. International experiences and expertise that should not be missed!"

Krishna Pagilla, Ph.D., P.E., BCEE WEF Fellow, IWA Fellow, Professor Civil, Architectural and Environmental Engineering Illinois Institute of Technology.

Highlights of the workshops:

- Challenges in Denmark – the Danish model
- Challenges, drivers and opportunities in the US today by Krishna Pagilla
- Future plans and obstacles by plant operators
- Energy savings, better utilization of plant, instrumentation (sensors and automation) by Anders Lynggaard DHI
- Considerations when choosing the right pump, mixer, valve and VFD
- CHP Production
- Financing Cleantech solutions