

# Trends & Technologies in Wastewater Management



**Tuesday, May 9, 2017**



**Clean Waters Initiative**

# Agenda

**10:00 a.m. .... Welcome**

Kathy Janhsen,  
Houston-Galveston Area Council

**10:05 a.m. .... Cost Effective WWT and Landfill Methane Optimization**

Loy Sneary,  
Gulf Coast Green Energy

**10:35 a.m. .... Recycling and Re-Using Produced Water:  
Cutting Edge Technology Adapted for New Water Resources**

David Burnett,  
GPRI Texas A&M University

**11:05 a.m. .... Closing**

Kathy Janhsen,  
Houston-Galveston Area Council

## Upcoming CWI Workshop

H-GAC's Clean Waters Initiative (CWI) program offers workshops that help local governments, landowners and citizens develop effective strategies to reduce pollution in area waterways.

Upcoming CWI workshop:

June 6, 2017

**Emerging Water Quality Issues** (Registration details will be available online)

To RSVP or to join our mailing list, e-mail Kathy Janhsen at [kathy.janhsen@h-gac.com](mailto:kathy.janhsen@h-gac.com)  
or visit [www.h-gac.com/cwi](http://www.h-gac.com/cwi).

# Speakers

## Loy Sneary



Loy Sneary is Senior Executive Consultant and CEO of Sneary and Associates and Gulf Coast Green Energy (GCGE). He leads organizations through growth by identifying solutions, creating/implementing

plans, executing strategic initiatives, and engaging policymakers. He led GCGE to become a leader in the new Waste Heat-to-Power industry (WHP). Leary worked with local aquaculture operators to form the Texas Aquaculture Coop, a processing and marketing venture. As a result, he secured financing to build a new state-of-the-art fish processing plant, the first producer owned/operated processing facility in Texas. He represented Texas Gulf Coast counties and testified before U.S. House and Senate committees to help prevent closure of the U.S. Intracoastal Waterway, which threatened to cut off petroleum/petrochemical and agricultural supplies from south Texas. As Matagorda County Judge (1993-98) Mr. Leary increased operating efficiency and raised communication effectiveness in the county.

## David Burnett



David Burnett is the Director of Technology for the Global Petroleum Research Institute (GPRI) and is the research project coordinator for the Department of Petroleum Engineering at Texas A&M University. He was one of the three

founding members of the Environmentally Friendly Drilling Program, a multiple-partnership program at the Houston Advanced Research Center devoted to field implementation of low environmental impact practices. He is a leader in water management for the upstream oil and gas industry. His team at Texas A&M was the first University program in the U.S. to address produced water treatment and re-use, the first to develop functional membrane technology for produced and frac flowback brine, and the first university program addressing environmental issues in oil & gas drilling. Burnett's work on produced water treatment and re-cycling has formed the basis of several new commercial ventures in water re-use.

## Future Workshop Topics and Speakers

H-GAC strives to present workshops on topics that are important to you.

Have a suggestion for a future CWI topic, or know someone who would make a great speaker?

E-mail your suggestions to Kathy Janhsen at [kathy.janhsen@h-gac.com](mailto:kathy.janhsen@h-gac.com) and let us know!

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