

**12th Annual Southwest Florida
Water & Wastewater Exposition
Technical Program**

Charlotte Harbor Event and Conference Center-Punta Gorda, FL

AUGUST 29, 2019

HOSTED BY:



Region V
www.fsawwa.org



Region 8
www.fwpcoa.org



Southwest Chapter
www.fwea.org

Schedule of Events

Morning Session 9:00 AM – 11:00 AM

**Track A: Potable Water/Wastewater Treatment
(Credits-TBA)**

Lessons Learned from Start-Up of an MBR Facility

Presented By: Brian Graham, P.E.

**Alternative Advanced Treatment Approaches for Reduced Capital and Operating Costs-
Technologies and Case Studies**

**Presented by: Brian Stitt, P.E.
AECOM Technical Services, Inc.**

Carollo Engineering, Inc.

**A Reservoir in Your Future: Adaptation of Biological Nutrient Removal Activated Sludge to
Landfill Leachate for Improved Efficacy at Elevated Loadings in Wastewater Treatment**

**Presented By: Ashley A. Danley-Thomson, PhD
Florida Gulf Coast University**

Three Sources, One Glass: Lee County's Pioneering Approach to Water Treatment

**Presented By: Joshua Petro
Garney Construction**

Morning Session 9:00 AM – 11:00 AM

**Track B: Facility Operations/Asset Management/Energy Efficiency #1
(Credits-TBA)**

Wastewater Treatment Capacity Strategy to Meet Projected Growth

**Presented By: Karen Lowe, P.E.
CDM Smith, Inc.**

Selecting a Best-Fit CMMS for Manatee County Utilities

**Presented By: Stephen Snell
Carollo Engineers, Inc.**

Carbon Dioxide Treatment Revives Wellfield Performance

**Presented By: Kirk Martin, P.G.
Water Science Associates**

Potable Water Resiliency and Optimization for a Florida Island Community

**Presented By: Isaac Holowell, P.E.
CDM Smith, Inc.**

All classes may be used toward a professional engineer, drinking water, distribution system, or wastewater operator's license. Each session is \$50.00. Total for the day is \$100.00. Contact Cherie.Wolter@aecom.com with any questions. Register Early, class size is limited!

[Click to Register Online](#)

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Afternoon Session 1:00 PM – 3:00 PM

**Track C: Facility Operations/Asset Management/Energy Efficiency #2
(Credits TBA)**

Replacing Aging Electrical Infrastructure at an Active WWTF (A Panel Discussion)

Presented By: Nate Hillard
Wharton Smith, Inc.

Some Insights from a Solar Drying Biosolids Facility

Presented By: Rajendra D. Vaidya, PhD, P.E.
CDM Smith

Development and Implementation of Computerized Maintenance Management System for City Ft. Myers Advanced Wastewater Treatment Facilities

Presented By: Dharmin D. Desai, P.E., PMP
CDM Smith

Planning Source Water Supply, Redundancy, Operations and Maintenance: A Roadmap to Uninterrupted Water Supply

Presented By: Nicole Cohen
Carollo Engineers, Inc.

Afternoon Session 1:00 PM – 3:00 PM

**Track D: Wastewater Collection & Conveyance/Watershed Management
(Credits TBA)**

A Perfect Storm – Neighborhood Rehabilitation Project

Presented By: Thomas C. Jensen, P.E.
Kimley-Horn, Inc.

Proactive Approach to a Reactive Situation: Stretching your Dollar for SSO Abatement

Presented By: Kris Samples, P.E.
McKim & Creed, Inc.

Optimize Stormwater Resiliency: Right Budget, Right Time, Right Assets

Presented By: Bob Munro, MBA PMP CMRP
GHD, Inc.

Harmful Algal Blooms and What's Next for Florida

Presented By: Dan Levy, P.E.
AECOM Technical Services, Inc.

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