

**PRE CONFERENCE DAY - March 15, 2010 (Monday)**

**ThermAer® A New Day for ATAD**

Robert Wooldridge / Kevin Staton

**Flange Bolting/Gaskets/Petrolatum Wax Seminar**

Rich Varalla

**MBR Operator's Short Course**

Session 1: MBR Basics

Session 2: MBR System Operation and Maintenance

Session 3: Rio Del Oro WWTP

Session 4: MBR Practical Applications and Operations

1. Presentation: Membrane Clean-in-Place and CIP Video Clip
2. Hands on Demonstration Outside: Individual Cartridge Testing
3. Presentation: Manual Operation of Plant and Video Clip
4. Hands on Demonstration Outside: MLSS Filterability Test
5. Presentation: Energy Optimization
6. Presentation: Plant Troubleshooting Real Time Simulation
7. Hands on Demonstration Outside: Individual Cartridge Repair

**Septage, Scum, and Grease Handling at a POTW**

Warren Kersten

**Modernizing Fixed Film and Combined Plants**

John Harrison, T.P. Wong, Leighton Lum

**Implementation of State-of-the-Art High Efficiency Tricking Bioscrubber to Meet Regulatory Requirements and Treat Odors at the Sand Island Wastewater Treatment Plant**

Allen Perry

**CONFERENCE DAY 1 - March 16, 2010 (Tuesday)**

**Waste to Energy: A Practical Approach to Energy Solutions**

Doug Berschauer, John Poppe

**Kaanapali and Hyatt Wastewater Pump Stations and Force Main Project -**

Garrett Leong, Richard (Bo) Botteicher

**n-Hydraulics Impeller Technology and Performance in Flygt Submersible**

Harrison J. Neat

**Sewage Lift Station Design**

Erik Quijano

**Package Lift Station Operation During A Power Failure**

Larry Hopkins

**Digester Optimization - Energy Conservation and Biosolids Reduction**

Bradley M. Pierce, Ted Mullennix

**City of San Diego's Recycled Water Study - The Push to Maximizing Water**

Marsi Steirer, Bill Kennedy

**Closed Vessel UV for Reuse Applications in Hawaii**

Bree Trembly

**Design for Graywater Reuse in Hawaii: The New DOH Guidelines**

Roger Babcock, Stuart Shoji

**Wastewater Collection Monitoring & Control**

Erik Quijano

**Intelligent Motor Control Center for the W/WW Industry**

Kelvin J. Hurdle

**Focus on Asset Reliability: Cincinnati MSD's O&M Optimization Journey**

Don Shinn, Sam Paske

**Tapping Into Water and Wastewater Financing for Capital Improvements**

Joy Gannon

**Advanced Biological Odor Control for Municipal WWTP-Hybrid Systems**

Ian Borrell

**A Permitting, Inspection and Maintenance Program for OSDs in Hawaii**

Roger Babcock

**Project Managers Need Soft Skills Too**

Linda Vaughn

**CONFERENCE DAY 2 - March 17, 2010 (Wednesday)**

**Lessons Learned from Planning, Design and Construction of the City and**

Roy Abe, Mike Young

**What's In That Tube2? (Sequel to "What's In That Tube?")**

Leighton Lum, Michael S. Hong

**City of Honolulu 66" Sewer Improvement Project**

(Insituform)

**New Innovations in CIPP Technology**

(Insituform)

**Severe Wastewater Testing Program for Rapid Evaluation of Manhole**

Vaughn O'Dea

**Lining the Slippery Slopes of Wilhelmina Rise: Honolulu's First Installation**

Shannon Holman

**Corrosion Problems? Try HDPE Structures and Manholes**

Hank Jones

**How to Identify and Eliminate Manhole Chimney Area Leakage**

William Goff

**Wetland Technologies for Wastewater Treatment and Water Management:**

Lauren C. Roth Venu

**Chemical Metering Pumps, Accessories and Feed System**

Rich Hopkins

**Planning for Conversion from CEPT to Secondary Treatment on a Space**

Victor Occiano

**Ponds Provide Sustainable Wastewater Treatment for Honoka'a**

Ron Crites, Craig Lekven

**California's Green Chemistry Initiative: A New Paradigm for Eliminating**

Thomas F. Vandenburg

**BNR to R1 - Will it Fit and Can I Afford It?**

Jim Georger, Brandy Nussbaum

**State of Hawaii, Department of Education Large-Capacity Cesspool**

Gaylyn Nakatsuka, Greg Smith

**Chemical Feed - Hypochlorite Pump Selection and Installation**

Don Van Veldhuizen

**Municipal Water Disinfection Using Calcium Hypochlorite**

Ron Turner

**Honouliuli Anaerobic Digester Facilities: Project Review & Update**

Miguel A. Vera

**Kruzer's Biological Activated Filter-A Small Footprint Nutrient and Solids**

Brandy Nussbaum

**UV Disinfection for Reuse Application - Practical Considerations of Applying**

Bill Gordon, Tim Proctor

**The First Closed Vessel UV Installation for Reuse In California**

Matthias Boeker

**Let There Be Light! - Introduction to USEPA's UV Design Guidance Manual**

Matthias Boeker

**Design & Operation of Open Channel UV Disinfection Systems**

Matthias Boeker