

BIOSOLIDS, ODOR & CORROSION CONFERENCE

Wednesday, August 9, 2017

Day 1

8:00 - 9:00 am

Registration and Continental Breakfast

Combined Odor/Biosolids Track - Welcome and Keynotes

9:00 - 9:15 am Welcome/Opening Comments/Overview

Chris Hunniford
V&A Consulting Engineers
Sherri van der Wege
TRA

9:15 - 9:45 am National Trends in Biosolids Laws

Jimmy Slaughter
Beveridge & Diamond

9:45 -10:15 am Keynote/odor. John Bennett, Odor Control, A Journey of 14 years

John Bennett
TRA

10:15 - 10:30 am

Networking Break and Exhibits

Track 1, Odor and Corrosion: Corrosion Evaluation Moderator: Lynsy Nagle - Alan Plummer and Associates

Track 2, Biosolids: Regulations and Public Involvement Moderator: Raj Bhattarai - Austin Water

10:30-11:00 am Performing a Cell to Cell Survey to Conduct a Corrosion Investigation of an Existing 33-inch Diameter Bar Wrapped Concrete Cylinder Pipeline

Jose Villalobos
V&A Consulting Engineers

Texas Legislative Update, WEAT

Julie Nahrgang
WEAT Texas

11:00 - 11:30 am A Novel Test Method for Measurement of MIC in a Wastewater Collection System

Tim Matheis
Evoqua Water Technologies

TCEQ Biosolids Regulatory Trends, TCEQ

David Galindo
TCEQ

11:30 - 12:00 pm Interceptor Manhole Condition Assessment Using Manned Entry and Surface Penetrating Radar

Chris Hunniford
V&A Consulting Engineers

Public engagement and the New WEF
Biosolids Messaging Book

Sherri van der Wege
TRA

12:00 - 1:30

Lunch and Exhibits

Track 1, Odor and Corrosion: Investigation & Design Moderator: Mark Perkins - Perkins Engineering

Track 2, Biosolids: Resource Recovery Moderator: Fred Ramirez - Jacobs

1:30pm - 2:00 pm Proactively Monitoring and Managing Odors using Real-Time Odor Plume Prediction

Charlotte Smith
Perkins Engineering Consultants

Accelerating Resource Recovery

Lynne Moss
Black & Veatch

2pm -230 pm Testing of Liquid Sludge Biosolids Storage Conditions for the City of Fort Worth, Texas

Lynsy Nagle
APAI

City of Houston Supports for Innovative Residual Treatment and Management

Jason Iken
City of Houston

230pm - 3 pm Breaking Down Biological Treatment of Odors – Design Considerations for Bioscrubbers and Bintrickling Filters

Melissa Woo
CDM Smith

City of Denton Biosolids Program, Ron Sieger
Award Winner

PS Arora
City of Denton

3:00 - 3:30 pm

Networking break and exhibits

Track 1, Odor and Corrosion: Collection Systems Moderator: Doug Sherman - Corrosion Probe

Track 2, Biosolids: Technology and Design Moderator: Jody Slagle - Austin Water (Retired)

3:30pm - 4:00 pm Pulling it all together – state of the art sewer modeling links biology, gas transport and hydraulics to provide answers on multiple fronts

Andrew Shaw
Black & Veatch

Patience is a Virtue: Lessons Learned from the First Installation of Cold Sludge Heating for Anaerobic Digestion

Adam Evans
CDM Smith

4:00 pm - 4:30pm	Assess and Prioritize: The Key to Managing Aging Concrete Infrastructure	Stephen Foster Wiss, Janney, Elstner Associates	Assessment and Development of e-Beam for Municipal Sludge Application to Produce "Class A" Disinfected/Enhanced Anaerobic Digestion	Suresh Pillai Texas A&M University
4:30pm - 5:00 pm	The Good Neighbor: El Paso Water's Collection System Odor Control Strategy	Anthony Chacon Hazen and Sawyer	Driving Operational Improvement through the Use of Dashboards: A Regional Biosolids Processing Facility Perspective	Amber Batson CDM Smith
5:00 pm - 6:00 pm	Networking Reception			

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Thursday, August 10, 2017

Day 2

8:00 - 8:30 am **Registration and Continental Breakfast**

Track 1, Odor and Corrosion: Innovative Solutions Moderator: Chris Hunniford		Track 2, Biosolids: Thickening and Dewatering Moderator: Matt Berg - CH2M	
8:30-9:00 am	Biofilters: Beyond the Basics Lynne Moss Black & Veatch	Does my dewatering system make me look old? Rudy Killian Carollo	
9:00-9:30 am	Corrosion Assessment & Control for Can-Type Pump Stations Doug Sherman Corrosion Probe, Inc	Land Application of Biosolids: Human Health Risk Assessment Related to Emerging Contaminants Ben Davis Renda Environmental	
9:30-10:00 am	El Paso's Water Utilities' Frontera Lift Station Super Oxygenation System for Odor Control Tom Mullen ECO Oxygen Technologies	Impact of Efficient Polymer Activation on Dewatering Process - Two Case Studies Yong Kim UGSI Chemical Feed	

10:00 - 10:30

Networking break and exhibits

**Combined Tracks
Moderator: Sherri van der Wege - TRA**

10:30-11:00 am Odor Generated From Biosolids Dewatered Cake- Lessons Learned and Mitigation

11:00 - 11:30 am Implementing an Odor Control Program for a Centralized Sludge Processing and Loading Facility

11:30 - 12:00 pm Odor Treatment from Large Scale Solar Sludge Drying Facility

Mohammad Abu-Orf
Hazen and Sawyer

James McMillen
Perkins Engineering Consultants

Jeff Jones
ECS

