

UPDATED AGENDA

2017 Annual Conference and Technical Program - April 9 - 12, 2017

Perdido Beach Resort, Orange Beach, Alabama

SUNDAY, APRIL 9TH

8:00 - 4:00	Exhibit Hall Set Up
9:00 - 5:00	Registration Desk Open
11:00 - 4:00	Fishing Excursion - Perdido Key Oyster Bar Restaurant & Marina in Pensacola (arrive by 10:00 a.m., boats depart at 11:00 a.m.)
10:00 - 11:00	Golf Tournament Registration, Practice, Putting Competition and Lunch - Craft Farms, Gulf Shores
11:00	Golf Tournament - Craft Farms, Gulf Shores - Cotton Creek Course (tee times beginning at 11:20)
5:00 - 7:00	Opening Reception & Viewing of the Final Round of The Masters - Exhibit Hall

MONDAY, APRIL 10TH

7:30 - 4:00	Registration Desk Open
7:00 - 7:30	Kick-Off Coffee - Exhibit Hall
7:30 - 8:00	Opening Session Breakfast Buffet - Ballroom
8:00 - 8:10	Blessing and Welcome / Recognition of AWEA Board / Social Media Contest Info / Introduction of Keynote Speaker
8:10 - 8:40	Keynote Address - Jim Byard, Jr., Director, Alabama Department of Economic & Community Affairs
8:40 - 9:00	Sponsor Appreciation & AWEA Update - Wheeler Crook, AWEA President
9:00 - 9:30	Networking Break - Exhibit Hall
9:30 - 9:50	ADEM Update - Glenda Dean, Chief, ADEM Water Division
9:50 - 10:00	Recognition of 5S Members & Announcement of 5S Candidates for 2017
10:00 - 10:05	Introduction of WEF President - Wheeler Crook
10:05 - 10:45	Water Environment Federation (WEF) Update - Rick Warner WEF President
10:45 - 10:55	AWEA Committees and Participation - Patrick Wootton, AWEA Past President
11:00 - 11:30	Committee Meetings - Perdido Lobby
11:00-11:30	Strolling Lunch - Exhibit Hall (Vendors Only)
11:30 - 1:00	Strolling Lunch - Exhibit Hall

Technical Sessions (1:00 p.m. to 4:00 p.m.)

	<i>Salon C</i>	<i>Salon D</i>	<i>Salon E</i>	<i>Salon F</i>	<i>Sand Castle II</i>
	WASTEWATER	CONVEYANCE - ASSET MGMT	NUTRIENTS / STORMWATER	COLLECTION SYSTEMS	OPERATOR TRAINING
	<i>Moderator: Shakil Amin</i>	<i>Moderator: Andrew Green</i>	<i>Moderator: Kevin Kennoy</i>	<i>Moderator: Mike Lankford</i>	<i>Moderator: Mike Sims</i>
1:00 - 1:30	Optimizing Chemical Phosphorus Removal at the Helena WWTP – Five Key Considerations <i>Wes Cardwell Garver</i>	A Critical Sewer Force Main Evaluation and Review <i>Tom Harwell CH2M</i>	Locust Fork Nutrient TMDL <i>James Mooney ADEM</i>	“An Ounce of Prevention is Worth a Pound of Cure” Stopping Sanitary Sewer Overflows Before They Occur <i>Kevin Enfinger ADS Environmental</i>	Chlorine Training Presented by: <i>John Skipper DX Group</i>
1:30 - 2:00	Suffolk County Sludge Odor Control Program at Bergen Point WWTP <i>George Deshinsky USP Technologies</i>	Can Equalization Storage Help You Better Manage I / I : Metro Nashville’s 21 MG West Park Equalization Facility Example <i>Stephen King Hazen and Sawyer</i>	Chemical Precipitation as Primary, Polishing, or Back-up Process for Phosphorus Removal <i>John Scheri Mott MacDonald</i>	Critical Crossings Program Success – a Georgia County Minimizes Risk and Extends the Life of Key Assets that Cross Waterways <i>Eric MacDonald Woolpert</i>	
2:00 - 2:30	Optimizing MBR Treatment Performance: a STEP in the Right Direction <i>Lindsay Tucker Orenco Systems</i>	Keep it Running - Developing or Improving a Maintenance Program to Meet Your Needs <i>Jeff Parker Brown & Caldwell</i>	EPA’s Method Rule Update 2016 <i>Nathan Levy A&E Testing</i>	Implementing a Competitive Bid Time and Materials Contract to Replace and Rehabilitate Sanitary Sewers <i>Tad Powell, Hazen and Sawyer & Matt Alpaugh Jefferson County ESD</i>	

2:30 - 3:00	Networking Break - Exhibit Hall (Door Prize Drawings)				
3:00 - 3:30	Aerobic Granular Sludge: an Innovative Wastewater Treatment Solution <i>Brian Bates Aqua-Aerobic Systems</i>	It's Why We Do What We Do - Nashville's Whites Creek Pumping Station Makes a Difference <i>Jeff Parker Brown and Caldwell</i>	Lifecycle of Green Infrastructure: 5 Years of Monitoring and Post-Construction Evaluations <i>Matthew Jones Hazen and Sawyer</i>	How to Keep Sewer Flow in the Sewer System (i.e. Reduce SSOs) <i>John McWhorter, Danny Pike & Tyler Scott City of Alexander City, AL</i>	Chlorine Training Presented by: <i>John Skipper DX Group</i>
3:30 - 4:00	Fiscally Conservative Utility Operations Demand Innovation <i>Joshua Boltz Volkert</i>	Enhancing Asset Management Using Custom Tools and Software Applications <i>Vivek Sai, Hazen and Sawyer & Steve Pickens Jefferson County ESD</i>	New Solution for Wet Weather Treatment – Cloth Media Filtration <i>Mark Hughes Aqua Aerobic Systems</i>	Collection System Odor and Corrosion Control by Super Oxygenation <i>Ali Trollier ECO Oxygen Tech</i>	
4:00 - 5:30	Vendor Demonstration and Vendor Networking / Young Professional Social in the Exhibit Hall				
TUESDAY, APRIL 11TH					
7:00 - 7:30	Kick-Off Coffee - Exhibit Hall				
7:30 - 8:00	Breakfast Buffet - Ballroom				
7:30 - 3:00	Registration Desk Open				
Technical Sessions (8:00 a.m. to 12:00 p.m.)					
	<i>Ballroom</i>			<i>Sand Castle II</i>	
	ROUND TABLE			MISCELLANEOUS	
	<i>Moderator: Scott Cummings</i>			<i>Moderator: Robert Carswell</i>	
8:00 - 8:15	Welcome and Opening Statements - Wheeler Crook				
8:15 - 9:00	Water Reuse in the United States <i>Rick Warner, President, Water Environment Federation</i>				
9:00 - 10:30	ADEM PANEL DISCUSSION			9:00 - 9:30	Flow Monitoring = Finding Hidden Issues in Your System <i>Islam Khallaf & Rodianne Cadet ADS Environmental</i>
	ADEM Panel Discussion Introduction (9:00 - 9:05)	<i>Scott Cummings Hazen and Sawyer</i>			
	Treatment Plant Energy Audits (9:05 - 9:35)	<i>Jim Grassiano ADEM</i>		9:30 - 10:00	Inline Flow Verification Using Portable Flow Meters <i>Grant Etheridge FLW Southeast</i>
	Outlining SSO Notification (9:35 - 10:05)	<i>Emily Anderson ADEM</i>		10:00 - 10:30	Hydraulics of Pressure Sewer Systems <i>Keith McHale Environment One Corp</i>
Water Quality Update and Trends (10:05 - 10:30)	<i>Chris Johnson ADEM</i>				
10:30 - 11:00	Networking Break - Exhibit Hall				
11:00 - 12:00	ROUND TABLE: Convergence of Asset Management, Rates, and Affordability <i>Tom DeBell, Riviera Utilities Burt Hankins, Goodwyn, Mills & Cawood Jim Marshall, Jackson Thornton Utilities Consultants</i>			11:00 - 11:30	Making Design Decisions Using Dynamic Hydraulic Simulation <i>Nick Freeman CH2M</i>
				11:30 - 12:00	Emergency Response Plan Guidance for Water and Wastewater Systems <i>Kevin Mullins Garver</i>
11:30 - 12:00	Strolling Lunch - Exhibit Hall (Vendors Only)				
12:00 - 1:00	Strolling Lunch - Exhibit Hall				

Technical Sessions (1:00 p.m. to 3:00 p.m.)				
	Salon C	Salon D	Salon E	Salon F
	WASTEWATER	LABORATORY	ENERGY / MISC	COLLECTION SYSTEMS
	Moderator: <i>Lennette West</i>	Moderator: <i>Suzy Lindblom</i>	Moderator: <i>Rob Coleman</i>	Moderator: <i>Matt Dunn</i>
1:00 - 1:30	Got Foam? Caldwell Plant Gets Rid of a Perpetual Nuisance <i>John Scheri</i> <i>Mott MacDonald</i>	Nutrients and Approved Test Methods <i>Shannon Pratt</i> <i>LabtronX</i>	Virtual Design and Construction in the Water Industry <i>Christy Perdue</i> <i>Brasfield & Gorrie & Wheeler Crook</i> <i>Goodwyn, Mills, and Cawood</i>	Sewer Cleaning Prioritizing and Scheduling <i>Vivek Sai</i> <i>Hazen and Sawyer</i>
1:30 - 2:00	Design of Sludge Conveyance Systems Throughout the Solids Treatment Train <i>Ashley Pifer</i> <i>Garver</i>	Troubleshooting pH, Dissolved Oxygen, Chlorine, and Turbidity Analyses in Wastewater and Water <i>Peter Strimple</i> <i>Severn Trent</i>	Energy Efficiency and Process Optimization Through Wastewater Aeration <i>Gregory A. Brown</i> <i>Pickering Firm / Morrow Water</i>	The "Perfect Design" <i>Mike Stickley</i> <i>CH2M</i>
2:00 - 2:30	Activated Sludge -Three Things You Need To Know To Improve Process Efficiency <i>Robert Smith</i> <i>YSI / Xylem</i>	Basics of pH <i>Eric Link</i> <i>LabtronX</i>	Nashville Metro Water Services Energy Management Program <i>Jeff Parker</i> <i>Brown & Caldwell</i>	Using the Internet of Things for Collection System Maintenance Optimization <i>John Rutledge</i> <i>SmartCover Systems</i>
2:30 - 3:00	Maximizing the Effectiveness of Secondary Clarification to Meet Strict Discharge Limits <i>Rusty Tate</i> <i>Garver</i>	Wastewater Treatment Using Fixed Media Filters <i>Tom Petty</i> <i>Quanics</i>	Energy Savings and Sludge Reduction for Wastewater Lagoons <i>Jim Dartez</i> <i>Reliant Water Technologies</i>	Force Main Inspection Methods <i>Jimmy Stewart</i> <i>Pure Technologies</i>
3:30 - 4:30	5K Fun Run / Walk - Meet at PBR North Parking Lot			
6:00 - 9:00	<p>Banquet - WEF Awards / Plant Awards / 5S Induction - Cobalt, The Restaurant (off site) <i>Please join us at Cobalt Restaurant to enjoy the view of Perdido Pass and a fantastic menu that has been selected for this event. During the evening, awards will be presented and the newest member of the Select Society of Sanitary Sludge Shovelers (5S) will be inducted. All who are registered for the conference are invited to attend and your registration covers this event. We look forward to delicious food, a new atmosphere, and the recognition of excellence and trend-setters in our profession.</i></p>			
WEDNESDAY, APRIL 12th				
8:30 - 10:30	AWEA Annual Business Meeting and Breakfast - Salon C			