

MONDAY – APRIL 6, 2020 CONTINUING EDUCATION CLASSES

Breakfast & KWWOA General Membership Meeting - 7:00 to 8:30 AM - Archibald Cochran Ballroom, 3rd Floor, Rivue Tower

8:30 – 9:30 AM - General Technical Session (Continuing Education Credit Provided)

Proactively Implementing Community Benefits into Capital Programs, Tony Parrott, Executive Director, Louisville-Jefferson County Metropolitan Sewer District

	General Technical Willis Room Second Floor	Water Technical Carroll Ford Room Second Floor	Wastewater Technical Nunn Room Second Floor	Water Distribution Jones Room 3rd Floor	Industrial Wastewater Management Clements Room Second Floor	
	- Moderator - Stamper	- Moderator - Stamper	- Moderator - Stamper	- Moderator - Stamper	- Moderator - Stamper	
9:50 AM	811 – Damage Prevention John Gowins KY Public Service Commission	Drinking Water Compliance MCL's Kelleé Husband KY Division of Water	Electrical Shock Safety and Safe Contact Release Matthew Braun Shrout Tate Wilson Consulting Engineers	Water Loss Reporting Brittany Koenig & Ariel Miller KY Public Service Commission	Brewery Industry Larry W. Moore, PH.D., P.E., Professor Emeritus University of Memphis	
11:00 AM	A Beginner's Guide to Budget & Financial Statements Dawn Harlow, KLC Robert Martin, City of Hopkinsville	Drinking Water Updates Joe Uliasz KY Division of Water	Instrumentation for Process Monitoring & Control Scott Kahle Applied Spectrometry Associates, Inc.	Key Management Challenges in Operating Small Distribution Systems Dr. Lindell Ormsbee University of Kentucky	Meat and Poultry Industry Larry W. Moore, PH.D., P.E., Professor Emeritus University of Memphis	
Lunch – 12:00 to 1:15 on your own						
	- Moderator - Stamper	- Moderator - Stamper	- Moderator - Stamper	- Moderator - Stamper	- Moderator - Stamper	
1:15 PM	Municipal Utility Wholesale Rate Adjustments Damon Talley Gerald Wuetcher Stoll, Keenon & Ogden	Customer Communication thru Notification Apps Lewis Dixon CDP Engineers	Hidden Electrical Cost & Potential Savings Steve Gott S & K Equipment	Lead Service Line Renewal Program Denise Aaron Emily Fritz Louisville Water Company	Meat and Poultry Industry Continued & Metal Finishing Industry Larry W. Moore, PH.D., P.E., Professor Emeritus University of Memphis	Wastewater Treat. Mobile Session Automatic Controls Odle, Inc. BL Anderson Maryland Biochemical
Ice Cream Social – 2:15 – 3:15 PM - Exhibit Hall – Ballroom A- C - East Tower 2 nd floor						
3:15 PM	The New Municipal Planning Section of DOW Russell Neal KY Division of Water	Extending Asset Mapping to Treatment Plants, Tanks and Pump Stations David Carter CDP Engineers	Restoring Obsolete Pumps Using Advanced Coating Technologies Terry Thorne & Jim Kennedy Horner Industrial Group	Permanent Leak Monitoring Josh Dehaven, Morehead Utility Plant Board Eric Galosi, Gutermann	Metal Finishing Industry Continued Larry W. Moore, PH.D., P.E., Professor Emeritus University of Memphis	Water Collection Mobile Session Jack Doheny Co. EJ USA Instrument & Chemical Services, Inc.
4:20 PM	Asset Management Jennifer Taimi Lori Dials Brittany Ditmer KY Division of Water	Protecting Your Cash Register with AMI/AMR Daniel Brown United Systems & Software, Inc.	Nutrients Deficiencies and Settleability Pat Beamon Brenntag Mid-South	Under Pressure – Water Main Repair Techniques Scott Lewis Lewis Municipal Sales	Pharmaceutical Industry Larry W. Moore, PH.D., P.E., Professor Emeritus University of Memphis	Dr. Water Mobile Session S4 Water Sales & Serv. Pelton Environmental The HP Thompson Co. ADC

Reception, Muhammad Ali Exhibits & NCAA Championship Game
Muhammad Ali Center, 144 North Sixth Street, Louisville (two blocks from the Galt House)

Tuesday – April 7, 2020 – Continuing Education Classes

	General Technical Willis Room Second Floor	Water Technical Carroll Ford Room Second Floor	Wastewater Technical Nunn Room Second Floor	Wastewater Collection Jones Room Third Floor	Laboratory Issues Brown Room Second Floor	Mobile Technical Sessions Exhibit Hall
	- Moderator - Stamper	- Moderator - Stamper	- Moderator - Stamper	- Moderator - Stamper	- Moderator - Stamper	
8:00 AM	Cybersecurity for Water & Wastewater Utilities Terry Miller Siemens	Asset & Maintenance Management Using Applications Technology Jeff Merman Automatic Controls	Back to the Basics of Activated Sludge: Aeration Dan Miklos Hazen & Sawyer	Hydro Excavation JC Spalding 502 Equipment	Laboratory Ethics Rhona Baker Michelle Hall Beckmar Environmental Lab.	
9:05 AM	UV Disinfection Basics for Water, Wastewater & Reuse Bree Trembley & Bruce Stevens Aquionics	Frankfort Plant Boards Summer of 2019: "Never Say Never" Julie Roney Frankfort Electric and Water Plant Board	Back to the Basics of Activated Sludge: Clarification Dan Miklos Hazen & Sawyer	City of Florence Collection System Master Plan Paul Maron, P.E. Strand Assoc. Inc.	Micro QC Logs & MDL Calculator Demo Patrick Garrity, Kevin Stewart & Beth Jenkins KY Division of Water	Distribution Mobile Technical Session EJ USA Suez Advanced Solutions Instrument & Chemical Services, Inc. InControl Technical Solutions
10:10 AM			How do I Measure Flow Brian Gatewood JAGS Environmental	Electrical Safety For Utility Operators Joel Crawford Service Specialties, LLC	Lab Analyst Mobile Technical Session	Lab Analyst Mobile Technical Session
11:15 AM		Back to Basics: Filtration 101 Bob Cashion S4 Water Sales & Service	Importance of Screening & Grinding for Protection Brandon Leeth JWC Environmental	Phased Approach to FOG – Then & Now Jason Crawford Sanitation District No. 1	QC Failure: What Do I do Next? Kevin Stewart KY Division of Water	
Deli Buffet Lunch - 12:15 to 2:00 PM – Exhibit Hall, Ballrooms A, B & C – Free to All Attendees						
	- Moderator - Stamper	- Moderator - Stamper	- Moderator - Stamper	- Moderator - Stamper	- Moderator - Stamper	
2:00 PM	Home Grown Operators Kenny Horn Hardin County Water District No. 1	Preparing for a PSC Inspection Roy Gray KY Public Service Commission	Chemical & Physical Process Jim Collins Brenntag Mid-South	Henderson Sewer Separation Case Study Bobby Hewgley Henderson Water Utility	Reporting Limits & Why they Matter Patrick Garrity KY Division of Water	
3:05 PM	Water & Wastewater Chemicals & Safety Lindsay Harmon Polytec, Inc.	How do I Measure Flow Brian Gatewood JAGS Environmental	WW Treatment Considerations Jim Collins Brenntag Mid-South	Everything You Wanted to Know About Air Valves D. Kim Sorensen, P.E. ARI, USA	Proficiency Testing Fred Anderson Advanced Analytical Solutions	

WEDNESDAY – APRIL 8, 2020 CONTINUING EDUCATION CLASSES

	Water Technical Carroll Ford Room Second Floor	Wastewater Technical Nunn Room Second Floor
	- Moderator - Stamper	- Moderator - Stamper
8:30 AM	Fifty Years of Filter Problems Ron McMaine Bell Engineering	Capabilities of VPDs Edmund Post Danfross Drives
9:35 AM	Enhanced Source Water Monitoring Roger Tucker Louisville Water Company	Energy Efficient Biological Sludge Reduction in New or Existing Wastewater Lagoons Josh Clark Aerator Solutions
10:40 AM	Don't Make a Dumb Decision about Smart Meters Scott Clark GRW	The Municipal Pretreatment Program Cynthia Leasor Hall Environmental
11:40 – 1:00 – Lunch on your Own		
	- Moderator - Stamper	- Moderator - Stamper
1:00 PM	Optimizing Coagulation Using Charge Measurement Mark Vandiver Chemtrac	New WWTP Takes Control to Meet Historic Effluent Limits Doug Ralston, P.E., Engineering Resource Mgt. Mike Doyle, Evoqua Water Technologies, LLC
2:05 PM	Sometimes We Have to Treat Before we Treat Corey Harper Hawkins, Inc.	Optimize Clarifier Performance with Gravimetric Sludge Selection Sherri Caneer World Water Works
3:10 PM	Manganese Testing Via a Small Scale Pilot Plant Eric Fischer Northern KY Water District	Standard Operating Procedures for Wastewater Systems Chris Wells RCAP

