

One Water


TUESDAY | July 26

Technical Sessions

	Pipeline Improvements	Lab	Operations	Wastewater Treatment
10:45am-11:30am	Lessons Learned from the First Use Attainability Analysis Approved for Combined Sewer Overflows Chris Ranck, Black & Veatch; John Trypus, Citizens Energy Group	Instrumentation progression: How Laboratory instrumentation has changed over last 30 years Charles Smith, Cleveland Water	Headloss, Velocity, and Hair & Fibrous Re-agglomeration Effects on Membrane Pre-Screening James Impero, Ovivo USA, LLC; Abner Aviles, Ovivo USA, LLC	DO Based Control at the Easterly WWTP Blows Away Energy Inefficiencies Isabelle Hammer, Stantec; Robert Bonnett, NEORS; Nicholas Parisi, NEORS
11:45am-12:30pm	Adapting a LTCP for SSO Elimination Victoria Berry, Jacobs	The Analysis for PFAS: An Evaluation of Current Methods, Proposed Methodologies and the Application Charles Neslund, Eurofins Lancaster Laboratories Environment Testing	Lowering Lead Levels without Increasing DBPs: Two Ohio Utilities' Experience with Optimization Peter Fiske, Fontus Blue	OWEA Student Design Competition Winners
	Pipeline Improvements	Utility Management	Operations	Wastewater Treatment
2:30pm-3:15pm	Corrosion Control Evaluation Triggers Amanda Canida, Black & Veatch; Emily Tummons, Black & Veatch	Cyber Threat Landscape and Proactive Defense for the Water and Wastewater Systems Sector Jennifer Walker, WaterISAC	Maintenance of Plant Operations (MOPO) – Keeping it all Going at the Washington Court House WWTP Melanie Gamez, Jacobs; Larry Kramer, Dugan & Meyers; Chris Grigsby, City of Washington Court House	High-Rate Treatment for Sandusky: Keeping CSO At (and Out of the) Bay Mark Loria, Stantec; Jeffrey Meinert, City of Sandusky
3:30pm-4:15pm	Curving Concrete Pipe: What a Relief Kevin Wojciechowski, GPD Group; Cecilia Mazzei, City of Cleveland - Division of Water Pollution Control	PANEL: Utility Management Master Class: Managing a Pandemic, a Recession, and Regulation	Improving Treatment Chemical Pricing and Resiliency James Springer, Greater Cincinnati Water Works; Charlie Miller, Chemicals, Inc.	Retrofitting OECC's Existing Traveling Bridge Sand Filters to Upgraded Disc Filter Operation Marshall Yarnell, Delaware County Regional Sewer District; Zeke Morris, Arcadis
4:30pm-5:15pm	Moving Beyond the Basics: Advanced Applications of Water Quality Modeling Ben Chenevey, Arcadis	PANEL: The Dating Game – Workforce Recruitment, Development and Retention	The Challenges of Phosphorus to Wastewater Management Tyler York, Black & Veatch; Rob Smith, Black & Veatch	Double Duty – Union's Innovative Way of Saving Project Cost Lindsey Hassenauer, Hazen and Sawyer; Dan Miklos, Hazen and Sawyer; John Applegate, City of Union; Marlin Applegate, City of Union


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WEDNESDAY | July 27

Technical Sessions

	Wastewater Treatment	Drinking Water Treatment	Leadership and Workforce Diversity
7:45am-8:30am	Process Advisory Twin for Operations Support at T.Z. Osborne WRF Alyssa Mayer, Hazen	Nottingham WTP Sedimentation Basin Improvements - A One-of-a-Kind Sludge Collection System Steve Wyman, CDM Smith; Adam Basile, Cleveland Division of Water	
8:45am-9:30am	Upgrades at a Small Plant- Waynesville's Experience Dinesh Palaniswamy, Jacobs; Debbie Schafer, Jacobs; Chris Brausch, Warren County Water and Sewer Department	The Ashtabula Story - Delivering New Water Plant Upgrades to Improve Performance Adam Arnold, HDR; Nicholas Sanford, Aqua Ohio; Nicholas Ritenour, The Great Lakes Construction Co.; Rich Atoulikian, HDR	The Great Resignation: Why DEI Matters to Your Workforce Donnell Duncan, Arcadis
9:45am-10:30am	Intensification Processes for Wastewater Treatment Plants Jamie Mills, Strand Associates	Baldwin Filter Underdrain Replacement Maggie Rogers, Cleveland Water; Ed St. John, CDM Smith	Workplace Culture: Defining Your Organizational Success Steven Thompson, Burns and McDonnell; Allison White, Burns & McDonnell
10:45am-11:30am	Implementing Phase I Improvements to meet a Long-Term Control Plan Scott Phipps, Hazen	Kirtland Crib Rehabilitation - Renovating a Cleveland Landmark Set in Lake Erie Edward St. John, CDM Smith; Becky Andrus, Cleveland Water	Cultivating Diversity: A Win for People and Company Profitability - ms consultants Krystal Paisley, ms consultants; Monica Mosure, ms consultants; Kari Mackenback, ms consultants
11:45am-12:30pm	The Low Down on Akron's High Rate BioCEPT Treatment System Mike Starkey, Burgess & Niple; Stephen Baytos, City of Akron	Effect of Drinking Water Treatment Processes on the Integrity of Cyanobacteria Cells Dane Elliott, The Ohio State University	Mindful Management: Building an Inclusive Workplace Denita Bonhart, Cleveland Water
	Wastewater Treatment	Sourcewater	Maintenance
2:30pm-3:15pm	Startup of Sidestream Deammonification to Increase Sustainability of Biosolids Beneficial Use Annaka Ruther, Black & Veatch; Scott Redd, Black & Veatch; Jim Fitzpatrick, Black & Veatch	Ultrasonic degradation of per- and polyfluoroalkyl substances William Fagan, The Ohio State University	Implementing CMMS for Major Wastewater Utility to Manage Plant and Collection Systems Assets Meg Shively, NEORS; Brian Villers, NEORS
3:30pm-4:15pm	Making the Old New: Digital and Physical Modeling to Improve Design and Reduce Construction Costs Randall Berkley, Jacobs	2020 and 2021 Dead Zone Experiences and What Cleveland Water Learned Scott Moegling, Cleveland Water	Implementing Unidirectional Flushing: Lessons Learned from a Pilot Program Erika Hernandez, Arcadis
4:30pm-5:15pm	O&M and Cost Benefits of Aerobic Digestion at Washington Court House: Planning, Design & Operation Christy McCarthy, Jacobs; Chris Grigsby, City of Washington Court House	PFAS Occurrence in the Ohio River: Results from ORSANCO's Ambient PFAS Sampling Project and GCWW's Richard Harrison, Ohio River Valley Water Sanitation Commission; Bruce Whitteberry, Greater Cincinnati Water Works	Optimizing Filters through a Filter Surveillance Program Matthew Charles, Hazen

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WEDNESDAY | July 27

Technical Sessions

	Customer Service	Pipeline Improvements	Asset Management
7:45am-8:30am			
8:45am-9:30am	The ABCs of LSLRs: Lessons learned from designing and implementing a Childcare Lead Service Line Rem Brenda Culler, Cleveland Water; Bryan Rask, Cleveland Water	New Sewer Collection and Treatment Systems for a Small Community – Challenges and Opportunities Hanbae Yang, IBI Group; Mitch Altier, IBI Group; Sven Wiberg, IBI Group; Randy Stroll, IBI Group	Improving Water Main Capital Planning through a Data-Driven Prioritization Tool Yeongho Lee, Greater Cincinnati Water Works
9:45am-10:30am	Going The Extra Mile Post Pandemic Kim Spiert, City of Columbus	Columbus OARS CSO Tunnel Debris Removal Hasan Alkhayri, Hatch Associates Consultants Inc.	Demystifying Digital Twins in the Water Sector James Cooper, Arcadis
10:45am-11:30am	Providing Customer Service with Data Logs David Coffey, Montgomery County Environmental Services	Planning, Procuring, and Implementing AMI Systems Michael Rotunno, Arcadis; Kenneth Stewart, Greene County	Lead and Copper Rule Revisions – Case Studies on Ways to Simplify Compliance Emily Tummons, Black & Veatch; Amanda Canida, Black & Veatch
11:45am-12:30pm	You Can't Make This Stuff Up, 2. Brenda Culler, Cleveland Water; Scott Moegling, Cleveland Water	CSO Control in the Derby City Tim Pringle, Hazen; Kelley Florence, Hazen	Middletown's Resilience and Reliability Journey Nakita Lancaster, City of Middletown; Chad Roby, Jacobs
	Potpourri	Utility Management	Asset Management
2:30pm-3:15pm	To Sequence or Not; How Involved is Your Construction Sequencing Charles Shasho, City of Youngstown; Said AbouAbdallah, Arcadis US, Inc.	Equity in Infrastructure: Rebuilding East Cleveland Together Alex Litofsky, OHM Advisors; Keshia Chambers, OHM Advisors	Predicting lead service lines to inventory, replace, and better public health and the environment Costas Kontos, AECOM; Christopher Pawlowski, AECOM
3:30pm-4:15pm	● Developing an Ozone Design Standard for Ohio PWSs; New Design Criteria for Plan Approval Josh Fuchs, The Ohio State University	Current Trends and Politics in Privatizing, Regionalizing, and Partnering in Water Glenn Marzluf, Del-Co Water	How Asset Prioritization leads to focused Maintenance Decisions Steven Schneider, NEORS
4:30pm-5:15pm	A Tale of Two CMAR Projects: Increasing Owner Control and Mitigating Material Cost Escalation Justin Waid, City of Wapakoneta; Chad Roby, Jacobs; Rob Knapke, Peterson Construction Company	Environmental Justice: Considerations for Future Infrastructure Development Eric Sokol, Burns and McDonnell	The Best Laid Plans - Challenges and Lessons Learned Operating During Rehabilitation Mike Nixon, City of Lancaster; Kimberly Seidemann, Arcadis

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THURSDAY | July 28

Technical Sessions

	Regulatory	Stormwater	Utility Management
8:00am-8:45am	Ohio EPA Updates - DDAGW Amy Jo Klei, Ohio EPA		
9:00am-9:45am	Ohio EPA Updates - DSW David Emerman, Ohio EPA		
10:00am-10:45am	LCRR: The Good, the Bad, and the Ugly- Cleveland Water's Approach to Implementation Maggie Rogers, Cleveland Water	Startup of Dual-Use Filters Solves Both Dry and Wet-Weather Issues Jim Fitzpatrick, Black & Veatch	Utility Federal Funding Update: American Rescue Plan and Infrastructure Act Doug Baldessari, Baker Tilly Municipal Advisors; Timothy Murphy, Civil & Environmental Consultants, Inc.
11:00am-11:45am	Euclid's NPDES Permit and New Frontiers in Nutrient Regulation Louis McMahon, McMahon DeGulis LLP; Lee Slone, McMahon DeGulis LLP	 Design-Build-Operate Pump Station Renovation Nicholas Steyer, Mosser Construction, Inc.	You Need What and When - Planning and Communication Paves the Way For Swift Growth Denise Crews, City of Lancaster; Chad Dunn, Arcadis
12:00pm-12:45pm	The Maumee Watershed Nutrient TMDL: What's next for the WLEB? Elizabeth Toot-Levy, Geosyntec Consultants	Effective CSO Separation in Middletown using Progressive Design/Build Jeff Macomber, Hazen; Nakita Lancaster, City of Middletown; Eric Meister, Ulliman Schutte Construction; Shawn Loew, Brown and Caldwell	Major Water Users Changes in Water Use Patterns During the Pandemic Alex Margevicius, Cleveland Water
	Ethics		
1:15pm-2:15pm	The Ohio Ethics Law 2022: Watching Our Step! Susan Willeke, Ohio Ethics Commission		
2:30pm-3:45pm	Engineering Ethics: a Lawyer's Perspective Louis McMahon, McMahon DeGulis LLP		


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