

Indiana Section AWWA Annual Conference 2022 Technical Program					
Tuesday, April 12, 2022					
Education/Contact Hour Key: WT- Water Technical CEU; WWG- Wastewater General CEU; WWT- Wastewater Technical CEU; PDH- Engineer Professional Development Hour; WPDI- Well Driller/Pump Installer Contact Hour					
Room	Indiana Ballroom A-D	Marriott Ballroom 1-2	Marriott Ballroom 3-4	Lincoln	Exhibit Hall
8:00 am to 8:15 am	INAWWA Annual Conference Opening Session <i>sponsored by 120Water</i> Jeff Cunningham, INAWWA Chair				
8:15 am to 8:45 am	Visiting AWWA Dignitary, Association Updates Randy Black, AWWA Vice President				
8:45 am to 9:30 am	Keynote: "Water System Impacts: The 2021 Marshall Fire, Colorado's Most Destructive Fire in History" Dr. Andrew Whelton, Purdue University (WT / PDH: 1.0; WWG: 1.0)				
9:30 am to 10:15 am	Break - Visit the Exhibit Hall				
Track	Operations and Maintenance	Metering	Financial Management	Safety and Communication	Booth Presentations / Demos
10:15 am to 10:45 am	Restoration of Obsolete Pumps to Like New Condition (Jim Kennedy and Terry Thorne, Horner Industrial Group) (WT / PDH: 1.0; WWT: 1.0; WPDI: 1.0)	Technology within AMR/AMI Systems - Practical and Real-Life Applications (Ben Christiansen, Utility Supply Company) (WT / PDH: 1.0)	Utility Federal Funding Update and Planning Strategies (Jeff Rowe, Baker Tilly Municipal Advisors) (WT / PDH: 1.0; WWG: 1.0)	Indiana Dig Law (Steve Baker, Baker Utility Partners) (WT / PDH: 1.0; WWG: 1.0; WPDI: 1.0)	10:30 am: A Digital Approach to Managing a Lead Replacement Program (Bill Etzler and Jeff Weaver, Abonmarche Consultants - Booth #XXX) (WT / PDH: 0.5)
10:45 am to 11:15 am					11:00 am: General Pipe Repair (Kevin Waugh, Utility Solutions - Booth #XXX) (WT / PDH: 0.5; WWG: 0.5)
11:15 am to 11:45 am	Corrosion Protection for Water Mains (Pete Wamsley, Beam, Longest and Neff) (WT / PDH: 0.5)	Large Meter Shared Risk Contract, Meter Selection, and Results (Ben Groeneweg, Fort Wayne City Utilities) (WT / PDH: 0.5)	Credit Ratings Post-Pandemic: Factors and Strategies to Maintain or Strengthen Your Rating (Jessica Lynch and Susan Reed, Baker Tilly Municipal Advisors) (WT / PDH: 0.5; WWG: 0.5)	The Important Role of Communication and Relationships During a Fiber Build Project (Chuck Muller, MetroNet) (WT / PDH: 0.5; WWG: 0.5)	11:30 am: Benefits of Ultrasonic Water Meters (Matt Brown, HydroCorp Meter Sales - Booth #XXX) (WT / PDH: 0.5)
12:00 pm to 1:30 pm	Membership Lunch / Awards Presentation <i>sponsored by Beam, Longest & Neff</i>				
Track	Addressing Contamination	Lead and Copper	Planning for Success	Wastewater and Stormwater	Booth Presentations / Demos
1:30 pm to 2:00 pm	Water Softener Hydrocarbon Contamination and Decontamination by Flushing (Caroline Jankowski, Purdue University) (WT / PDH: 0.5; WWG: 0.5; WPDI: 0.5)	Techniques for Advancing the City of Bloomington's Service Line Inventory (Tyler Steury, City of Bloomington and Rebecca Stabaugh, Arcadis) (WT / PDH: 0.5)	The Importance of Good As-Built Drawings (Brian Mundy, Beam, Longest and Neff) (WT / PDH: 0.5; WWG: 0.5)	IDEM Wastewater Updates (Becky Ruark and Rob McLaughlin, IDEM) (WT / PDH: 0.5; WWG: 0.5)	
2:00 pm to 2:30 pm	Water Contamination Response and Recovery: Lessons from the Field and Gaps You Should Expect (Dr. Andrew Whelton, Purdue University) (WT / PDH: 1.0; WWG: 1.0; WPDI: 1.0)	The Countdown Begins: Preparing to Meet the Lead and Copper Rule Revisions (Tom Bruns, 120Water) (WT / PDH: 1.0)	Strange Geographies and Water Models: Master Planning Tool to Predict Needed Water System Improvements (Nathan Kassebaum, Kimley-Horn) (WT / PDH: 0.5)	The Value of Wastewater Collection System Modeling (Yan Duan, Greeley and Hansen) (WT / PDH: 0.5; WWT: 0.5)	2:00 pm: Accurate Utility Mapping Meets Engineering Modeling (Mark Butler, Banning Engineering - Booth #XXX) (WT / PDH: 0.5; WWG: 0.5)
2:30 pm to 3:00 pm			Let's Talk TANKS... Infrastructure Asset Management (Gregory "CJ" Stein III, Tank Industry Consultants) (WT / PDH: 0.5)	Reality Check: Optimize and Save (Jeremy Hardy and Natalie Schelling, Commonwealth Engineers) (WT / PDH: 0.5; WWT: 0.5)	Navigating the Flood of Advanced Metering Technology (Randy Edwards, Neptune - Booth #XXX) (WT / PDH: 0.5; WWG: 0.5)
3:00 pm to 3:45 pm	Break - Visit the Exhibit Hall				
Silent Auction - Exhibit Hall					
Track		The State of the Industry (the Business)	Storage Solutions	Water Quality: Utility and Customer-side	
3:45 pm to 4:15 pm		Impacts of Supply Chain Disruption Across the Water Industry (Jeff Jones, Bargersville Utilities; Chris Durnil, Bowen Engineering; Steve Gress, Donohue & Associates; Tom Drown, E.J. and Jason Fraser, Utility Supply Company) (WT / PDH: 1.5; WWG: 1.5)	AWWA Standards and Manuals Supporting Water Storage Tank Inspection and Cleaning (Colleen Burrows, Tank Industry Consultants) (WT / PDH: 0.5)	When You Install a New Water Softener, How Much Chemical Does it Leach into Your Drinking Water? (Lauren Gustafson, Purdue University) (WT / PDH: 0.5; WWG: 0.5; WPDI: 0.5)	
4:15 pm to 4:45 pm			The Role of Smart Tanks in Distribution Water Quality Management (Joshua Kurniawan, UGSI Solutions) (WT / PDH: 1.0)	Using Machine Learning to Optimize Water Treatment in Preoxidation and Coagulation (Carlos Williams, Hach) (WT / PDH: 0.5; WWT: 0.5)	
4:45 pm to 5:15 pm			Turbidity History, Measurement Principles, and Current Technologies (Kevin Forsman, Swan Analytical USA) (WT / PDH: 0.5; WWT: 0.5)		
5:30 pm to 6:30 pm	Fuller Reception <i>sponsored by Bastin Logan Water Services & Wessler Engineering</i>				

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Wednesday, April 13, 2022

Education/Contact Hour Key: **WT**- Water Technical CEU; **WWG**- Wastewater General CEU; **WWT**- Wastewater Technical CEU;
PDH- Engineer Professional Development Hour; **WPDI**- Well Driller/Pump Installer Contact Hour

Room	Indiana Ballroom A-D	Marriott Ballroom 1-2	Marriott Ballroom 3-4	Lincoln	Exhibit Hall
Track	Cybersecurity and Emergency Preparedness	Lead and Copper	Source of Supply	Emerging Contaminants	
8:00 am to 8:30 am	Cybersecurity and Requirements for IDEM Sanitary Surveys (Liz Melvin and Lucio Ternieden, IDEM) (WT / PDH: 0.5; WWG: 0.5)	Preparing Your Water System for LCR Revisions (Amrou Atassi and Joanna Cummings, CDM Smith) (WT / PDH: 0.5)	Water Availability in Central Indiana (Dr. Jack Wittman, INTERA) (WT / PDH: 0.5; WPDI: 0.5)	Briefing on EPA's PFAS Strategic Roadmap (Yan Duan, Greeley and Hansen) (WT / PDH: 0.5; WWG: 0.5)	
8:30 am to 9:00 am	INWARN / Emergency Preparedness Committee: Pandemic Response and Recovery (Dawn Keyler, Wessler Engineering and Jaimie Foreman, City of Carmel Utilities) (WT / PDH: 1.0) <i>*Attendees to this session will receive a free thermometer, while supplies last.</i>	GIS and GPS Resources for Revised Lead and Copper Rule Compliance (Tom Krohn, Seiler Instruments) (WT / PDH: 1.0)	From Pit to Plentiful: Transforming a Quarry to a Water Reservoir (Bruce Cooley, Citizens Energy Group; Jordyn Marshall and Stéphanie Jousset, Arcadis) (WT / PDH: 1.0; WPDI: 1.0)	Update on PFAS Analytical Methods and UCMR5 (Nathan Trowbridge, Eurofins Eaton Analytical) (WT / PDH: 0.5; WWG: 0.5)	
9:00 am to 9:30 am				US EPA Regulatory Process (Stacy Jones, IDEM) (WT / PDH: 0.5; WWG: 0.5)	
9:30 am to 10:15 am	Break - Visit the Exhibit Hall				
Track	Case Studies	Cybersecurity	Innovating to Increase Efficiency and Save Money	Planning for Success	Booth Presentations / Demos
10:15 am to 10:45 am	Damming Solution for the 33rd Street Water Intake (Joseph Teusch and Amanda White, Greeley and Hansen) (WT / PDH: 0.5)	Hello, I am with the FBI. Can we Talk? The Reality of Cybersecurity (Chris Johnsen, Michigan City Department of Water Works; J.D. Henry and Steven Broniarczyk, Cyber and Infrastructure Security Agency) (WT / PDH: 1.5; WWT: 1.5) <i>*Attendees to this session will receive a free thermometer, while supplies last.</i>	Asset Management - Going Beyond Your AMP (Joseph Feathers Jr., Elkhart Public Works and Utilities) (WT / PDH: 0.5; WWG: 0.5)	Sustainability and Resiliency (Robert Page, HINTB Corporation) (WT / PDH: 0.5; WWG: 0.5)	10:30 am: Building a 100-Year Business Around the Industry's Needs (Jeff Hersh and Sarah Helbig, Jones and Henry - Booth #XXX) (WT / PDH: 0.5)
10:45 am to 11:15 am	The Water Line that Couldn't Be Forgotten (Chris Kuhn and Tina Wolff, Kokosing Industrial) (WT / PDH: 0.5; WWG: 0.5)		Your Favorite Tool You Didn't Know You Needed: Using a Digital Work Order System to Get More Done (Josh Hawley, Zipitilly) (WT / PDH: 1.0; WWG: 1.0)	Easement Acquisition 101 (Steve Unger, Bose McKinney & Evans) (WT / PDH: 1.0; WWG: 1.0)	11:00 am: Anatomy and Construction of a D110 Type III Storage Tank (Steve Applegate, DN Tanks - Booth #XXX) (WT / PDH: 0.5)
11:15 am to 11:45 am	Partnering with the US Navy: A Guide to Effective, Long-Term Water Storage Tank Maintenance on a Global Scale (Aman Anand, Tank Industry Consultants) (WT / PDH: 0.5)		11:30 am: Elimination of Stainless Steel Galling (Stanton Walter, NeverGall - Booth #XXX) (WT / PDH: 0.5)		
12:00 pm to 1:30 pm	Lunch in the Exhibit Hall sponsored by S & K Equipment Company				
Track	Water Quality	Regulatory Insights	Innovating to Increase Efficiency and Save Money	Source Water Protection	
1:30 pm to 2:00 pm	Enhanced Optimization from Source to Tap (Amanda Canida and Dr. Emily Tummons, Black & Veatch) (WT / PDH: 0.5)	Lead Service Line Inventory Requirements (Stacy Jones and Hayden King, IDEM) (WT / PDH: 0.5)	FlexiRiser Drop Pipe - Saving Money Pumping Groundwater (Andy Ardiyastika and Nicolas Steverlyncck, Hose Solutions) (WT / PDH: 0.5; WPDI: 0.5)	Keeping It Clean: How Watershed Protection Through the 319 Nonpoint Source Pollution Program Protects Drinking Water Sources (Maggie Sullivan, Lake Monroe Watershed Coordinator) (WT / PDH: 0.5)	
2:00 pm to 2:30 pm	Distribution System Water Quality Improvements with Implementation of Active Tank Mixing (Joshua Kurniawan, UGSI Solutions) (WT / PDH: 0.5)	Cyanotoxins (Mitt Denney, IDEM) (WT / PDH: 0.5)	How a Microgrid Can Make Water and Wastewater Utilities More Sustainable (Jim Shaw, Solentia Energy; David Berty, Trane; and Greg Martz, GM Development Companies) (WT / PDH: 1.0; WWG: 1.0)	One Ounce of Prevention is Worth a Pound of Treatment: Source Water Protection Programs from Beginners to Seasoned Programs (Ginger Davis, Indiana Geological and Water Survey) (WT / PDH: 1.0; WPDI: 1.0)	
2:30 pm to 3:00 pm	Fit-for-Purpose Guidance for Conducting Pipe Studies to Inform Corrosion Control Treatment (Rebecca Slabaugh, Arcadis) (WT / PDH: 0.5)	IDEM Drinking Water Updates (Matt Prater, Liz Melvin, Anthony Tobias and Lucio Ternieden, IDEM) (WT / PDH: 0.5; WPDI: 0.5)			
3:00 pm to 3:45 pm	Break - Visit the Exhibit Hall				
Track	Recovering Water Loss	Small Systems Forum	Capital Planning	Managing Assets	
3:45 pm to 4:15 pm	A Case Story of Improved Water Metering, 6% Monthly Gain in Revenue (Chuck Gray, City of Mount Vernon and Matt Brown, HydroCorp Meter Sales) (WT / PDH: 0.5)	Small Systems Forum (Vicki Perry and Mike Novac, Indiana Rural Community Assistance Program: IN-RCAP) (WT / PDH: 1.5; WWG: 1.5)	Understanding the True Cost Pricing of Water (Doug Baldessari, Baker Tilly Municipal Advisors) (WT / PDH: 0.5)	Sustainable Tank Inspection Considerations (Todd Schaefer, Dixon Engineering) (WT / PDH: 0.5)	
4:15 pm to 4:45 pm	Using Your Utility's Water Audit to Make Operational Decisions (Jeff Cunningham, M.E. Simpson Company) (WT / PDH: 1.0)		Decision Framework for Optimizing Capital Expenditures of Aging Facilities (Amanda Canida, Black & Veatch) (WT / PDH: 0.5; WWG: 0.5)	Valve Exercising and Assessment (Aaron Horbovetz, M.E. Simpson Company) (WT / PDH: 1.0; WWG: 1.0)	
4:45 pm to 5:15 pm			Financial and Capital Planning (Deen Rogers and Scott Hadler, Baker Tilly Municipal Advisors) (WT / PDH: 0.5; WWG: 0.5)		
5:30 pm to 6:30 pm	Meet and Greet Reception sponsored by Lochmueller Group				

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**Indiana Section AWWA Annual Conference 2022
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Thursday, April 14, 2022

Education/Contact Hour Key: **WT**- Water Technical CEU; **WWG**- Wastewater General CEU; **WWT**- Wastewater Technical CEU;
PDH- Engineer Professional Development Hour; **WPDI**- Well Driller/Pump Installer Contact Hour

Room		Marriott Ballroom 7-10	
8:00 am to 8:30 am		<i>Breakfast sponsored by 120Water</i>	
Track		Legislation and Water	
8:30 am to 10:00 am		<p>Legislative and Regulatory Update</p> <p>Moderated by Scott Miller, (Baker Tilly Municipal Advisors)</p> <p>Meet the new IDEM Commissioner, Brian Rockenseuss</p> <p>(WT / PDH: 1.5; WWG: 1.5)</p>	

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