



Wisconsin Wastewater Operators' Association 55th Annual Conference

North Hall Room A:
Purple

North Hall Room B:
Green

Technical Program Schedule

North Hall Room C:
Orange

North Hall Room D:
Blue

WEDNESDAY, OCTOBER 6, 2021

8:30 to 8:45	Welcome Address by Don Lintner, WWOA President			
8:45 to 10:00	Keynote by Glen Daigger, President and Founder of One Water Solutions			
	Session A: Phosphorus – Watershed Work North Hall Room A	Session B: Planning for Tomorrow North Hall Room B	Visit the Exhibit Hall 10 am to 5 pm	
Moderator	<i>Jeff Smudde</i>	<i>Nate Tillis</i>	If not attending either of the two technical sessions, please take this opportunity to visit our exhibitors who are an integral part of our annual conference!	
10:45 to 11:20	Mass Loading Determination in Watersheds <i>Tom Steinbach</i>	Succession Planning – A Round Table Discussion <i>Nate Tillis, Ben Huffman, Mary- Frances Klimek, John Murray, and Cody Schoepke</i>		
11:25 to 12:00	Brodhead Water Quality Trading: What We Know Now that the Dust has Settled <i>Andrew Skog, P.E.</i>	Succession Planning – A Round Table Discussion <i>Nate Tillis, Ben Huffman, Mary- Frances Klimek, John Murray, and Cody Schoepke</i>		
12:00 to 1:30	Walk Around Lunch in Exhibit Hall			
12:30 to 4:30	Operators Competition in Center of Exhibit Hall			
	Session C: Biosolids	Session D: WWTP Upgrades	Session E: SCADA / PLC North Hall Room C	Session F: Collection System North Hall Room D
Moderator	<i>Cody Schoepke</i>	<i>Don Lintner</i>	<i>Neal Kolb</i>	<i>Jenny Pagel</i>
1:30 to 2:05	Everything you want to know about Biosolids Drying and the Wisconsin Experience <i>Aric Bergstrom, P.E.</i>	Facility Upgrade Optimizes new and Repurposes Existing Space to Solve Treatment Needs <i>Randy Langer</i>	SCADA Outside the Fence <i>Steve Muther and Debbie Goehner</i>	Capacity Reducing Hydraulic Mishaps & What To Do <i>Amy Post</i>
2:05 to 2:40	Cost Reduction and Operational Improvement Resulting from Implementation of new Dewatering System – Oostburg <i>Ed Fritz, P.E., BCEE</i>	Constructing Your Upgrade – What to Expect <i>Kevin Berg</i>	Utilizing your GIS for Tracking Plant Operations and Maintenance <i>Kyle Engelking and Todd Hanson</i>	Flattening the Curve: A Comprehensive Look at I/I Investigation <i>Ryan Yentz</i>
2:40 to 2:55	Break in the Exhibit Area			
2:55 to 3:30	Defeating the Foam Beast – How one WWTP Tamed an Angry Anaerobic Digester <i>Jeremy Cramer</i>	Fits Like a Glove; Headworks Design Overcomes Limited Space in Existing Building <i>Travis Anderson</i>	Beyond SCADA: Considerations with your current SCADA System – and beyond <i>Joe Finn</i>	Pammel Creek Forcemain Inspection <i>Jared Greeno and Brian Hein</i>
3:35 to 4:10	Flexible Roadmap for Resilient Biosolids: A Case Study <i>Greg Gunderson, P.E., ENV SP and Kim Meyer</i>	The Nitty Gritty of Headworks Design <i>Sheri Scott, P.E. and Larry Roy</i>	Key Considerations of SCADA Design <i>Lance Teunissen, P.E.</i>	Sanitary Lateral Pipe Bursting <i>Taryn S. Nall, P.E.</i>
4:00 to 5:00	Exhibitors Social Hour in the Exhibit Area			

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THURSDAY, OCTOBER 7, 2021

	Session G: Operators in the Lab	Session H: Wastewater Operator Info	Session I: Nutrient Removal	Visit the Exhibit Hall 8:00 to 11:30
Moderator	<i>Rick Mealy</i>	<i>Bernie Robertson</i>	<i>Marc Stephanie</i>	If not attending either of the two technical sessions, please take this opportunity to visit our exhibitors who are an integral part of our annual conference!
8:00 to 8:45	It's Not Rocket Science! Helping Operators Understand Lab Testing <i>Rick Mealy and George Bowman</i>	What is an O&M Manual and Why You Need One <i>Tom Crouse</i>	Construction, Commissioning and Start Up of the World's First Advanced Biological Nutrient Recovery (ABNRTM) <i>Autumn Fisher</i>	
8:50 to 9:35	It's Not Rocket Science! Helping Operators Understand Lab Testing <i>Rick Mealy and George Bowman</i>	Operator's Health – Boosting Operator's Immune System <i>Greg Paul</i>	Nitrifying Activated Sludge System Improvement <i>Eric Lynne</i>	
9:35 to 10:00	Break in the Exhibit Area			
	Session J: Activated Sludge / Aeration	Session K: Safety	Session L: Problem Solving	Visit the Exhibit Hall 8:00 to 11:30
Moderator	<i>Tom Fitzwilliams</i>	<i>Kevin Freber</i>	<i>Troy Larson</i>	If not attending either of the two technical sessions, please take this opportunity to visit our exhibitors who are an integral part of our annual conference!
10:00 to 10:40	A Tale of Two Aeration Upgrades <i>Nathan Cassity</i>	Arc Flash Safety Solution for Water – Wastewater <i>Dave Bloch</i>	Tricks of the Trade <i>Troy Larson, Tom Steinbach, and Sharon Thieszen</i>	
10:45 to 11:25	Lessons Learned from Piloting Multiple Low DO Activated Sludge Processes in WI <i>Matt Seib</i>	What is NFPA 820 and How Might It Affect Your Next Facility <i>Joe Berktoold, P.E. (NFPA 820 Committee Member)</i>	From RBCs to BNR Act Sludge: 6 Years of Learning <i>Craig Hendrickson and Bill Marten</i>	
11:45	Operator's Luncheon			
12:15	WWOA Business Meeting			
1:15 to 4:00	Plant Tour: La Crosse WWTP			
	Session M: Laboratory	Session N: Phos-Tertiary Filtration	Session O: PFAS	Session P: Compliance
Moderator	<i>Ben Brooks</i>	<i>Aaron Eichhorst</i>	<i>Rusty Schroedel</i>	<i>Steve Geis</i>
1:30 to 2:15	What's the deal with E. coli? <i>Pat Morrow, P.E. and RT Krueger</i>	Brookfield: The Largest of The Low <i>Ryan Holzem</i>	Ecological Risk of PFAS in Receiving Waters <i>Tyler Linton</i>	Septage Compliance & Master Operator Training 12:30 to 4:30 CECs: 4.0 Septage Compliance <i>Fred Hegeman and Rachel Angel</i>
2:20 to 3:05	Transitioning from Fecal Coliform Testing to E. coli <i>Brooke Klingbeil</i>	Full Scale Low P Pilot at WI POTW with Ind. WW <i>Troy Larson, Mike Brace, and Travis Anderson</i>	BioLargo AEC: A Practical, Low-Waste Solution for PFAS Water <i>Tonya Chandler and Randall Moore</i>	
3:15 to 4:00	Laboratory Practices: The Right Formula for Great Solutions <i>Brooke Klingbeil and Brandy Baker-Muhich</i>	Tertiary Effluent Filtration – Results from a Cloth Filter Pilot Test at Cedarburg Water Recycling Center <i>Jonathan R. Butt and Eric Hackert</i>	Thermal processing of sludge for PFAS destruction: Experimentation and real world <i>Sudhakar Viswanathan</i>	
6:00	Social Hour			
7:00	Awards Banquet			
9:00 (approx.)	Post Awards Banquet Entertainment (Bean Bag Toss Tournament for Cash)			
FRIDAY, OCTOBER 8, 2021				
8:30 to 10:30	Operator's Farewell Breakfast Moderator: <i>Rick Mealy, WWOA President</i> Speaker: <i>Adrian Stocks - WDNR PFAS Update on Statewide Testing</i>			
Conclusion of Conference				