

2022 MWEA Annual Conference: Technical Agenda with EGLE Approved Wastewater CECs | Course Code: #1040

June 12-15, 2022 | Grand Traverse Resort | Acme, MI

Track	TIME	PRESENTATION TITLE	PRESENTER(S)	PRESENTER ORGANIZATION	EGLE APPROVED WASTEWATER CECs: <u>Course Code #1040</u>
Monday, June 13, 2022 - Morning Opening Sessions					
Morning Opening Sessions	8:30 - 8:35 AM	President's Welcome	Joel Davenport	Holland Board of Public Works	Earn up to 0.2 Other
	8:35 - 8:50 AM	Dan Wolz Legacy & 5-S	Mike Harvey	Donohue & Associates	
	8:50 - 9:20 AM	News from the Field	Steve Aiken	Duperon Corporation	
	9:20-9:40 AM	WEF Address	Keith Hobson	WEF	
	9:40-10:00 AM	EGLE Update	Phil Argiroff*	EGLE	
	10:00-10:50 AM	Keynote Presentation: Engineering Like an Actor	Tom Kunetz	Mosley I Kunetz Workshops	
	10:50-11:15 AM	MWEA Operations Challenge Team Brown Trout Presentation & Demo	Matt Griffith	City of Charlotte	
			Scott Perry	City of Charlotte	
			Matt Mitschke	City of Charlotte	
			Chad Nichols	SCCMUA	
Brad Gurski			SCCMUA		
Monday, June 13, 2022 - Afternoon Technical Breakouts by Track					
Technical Track 1-A: Municipal Wasetwater Treatment Process & Design	1:00-1:30 PM	Preparation for the Uncertain, Tools to Build with Certainty	Adam DeYoung Scott Yonkers*	Moore & Bruggink City of Grandville	Earn up to 0.2 Technical
	1:30-2:00 PM	Repurposing Infrastructure for Phosphorus Removal: Developing Design Guidelines for S2EBPR	Leon Downing	Black & Veatch	
	2:00-2:30 PM	Great Lakes Water Authority Reduces Secondary Treatment Operating Costs	Michael Painter Zaki Shalhout	Emerson Process Management Great Lakes Water Authority	
	2:45-3:15 PM	Polymer/Flocculant 101: Fundamentals in Thickening and Dewatering	Yong Kim	UGSI Solutions, Inc.	
	3:15-3:45 PM	Odor Control Master Plan: An Approach to Understand and Mitigate Odors	Joshua Prusakiewicz	HDR	
Technical Track 1-B: Collections	1:00-1:30 PM	Collection Systems Hydraulic Models & Control	Michael Lunn	Primodal	Earn up to 0.2 Technical
	1:30-2:00 PM	Winning the War Against Wipes	Chris Downey	JWC Environmental	
	2:00-2:30 PM	Warren's SSO Elimination Program: Where Goes the Inflow?	Sean Grant	METCO	
			Bryan Clor	City of Warren	
	2:45-3:15 PM	City of Muskegon Glenside Neighborhood Rethought	Matthew Hulst	Prein&Newhof	
	3:15-3:45 PM	Meeting Consent Decree Cleaning and CCTV Schedule Using City and Contractor Crews in Cleveland Heights	Matthew St. Pierre Collette Clinkscale	Wade Trim City of Cleveland Heights	
Technical Track 1-C: Stormwater & Watershed	1:00-1:30 PM	The Final Phase - Completing Norwaldo Neighborhood Green Infrastructure	Robert Page	HNTB	Earn up to 0.2 Technical
	1:30-2:00 PM	Mt Pleasant SW Master Plan/CIP	Elaine Venema	Fleis & VandenBrink	
	2:00-2:30 PM	Latest & Ongoing Changes to the Dam Safety Program	Dan DeVaun	EGLE	
	2:45-3:15 PM	EGLE Dam Safety Program and Edenville/Sanford Lake Update	Dan DeVaun	EGLE	
			Luke Trumble	EGLE	
	3:15-3:45 PM	Stormwater Utilities in Michigan: Caselaw & Legislative Update Best Practices for a Successful Program	Greg Kacvinsky Nancy Russell	OHM Advisors OHM Advisors	

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Monday, June 13, 2022 - Annual Expo

Annual Expo	3:45-6:45 PM	Annual Expo & Reception			Earn up to 0.3 Other
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Tuesday, June 14, 2022 - Morning Technical Breakouts by Track

Technical Track 2-A: Case Studies	8:15-8:45 AM	Application of Wastewater-Based Epidemiology to Support Early Detection of COVID-19 in Small Detroit Sewersheds	Carrie Turner	LimnoTech	Earn up to 0.3 Technical
			Bill Shuster	Wayne State University	
			Jeff Ram	Wayne State University	
	8:45-9:15 AM	West Bloomfield Township LIFT Improvements	Brian Bachler	DLZ Corporation	
			Ed Haapala	West Bloomfield Township	
	9:15-9:45 AM	A Project 25 years in the Making: City of Wyoming CWP UV Disinfection Upgrades	Britton Evans	Black & Veatch	
	10:00-10:30 AM	Important Technical Considerations in the Application of a Biogas CHP Plant	Matthew Quinn	Siemens Energy	
	10:30-11:00 AM	Part 1 of 2: A Model of Success? SCCMUA Facilities Master Planning	Brad Gurski	SCCMUA	
			Jarod Stuyvesant	Moore & Bruggink	
			Pete Cavagnaro	Water Resources Recovery Solutions	
Technical Track 2-B: Sustainability Workshop	11:00-11:30 AM	Part 2 of 2: A Model of Success? SCCMUA Facilities Master Planning	Brad Gurski	SCCMUA	Earn up to 0.3 Managerial
			Jarod Stuyvesant	Moore & Bruggink	
			Pete Cavagnaro	Water Resources Recovery Solutions	
	8:15-8:45 AM	Envision Workshop: Welcome, Intro & Workshop Agenda	Jarod Stuyvesant	Moore & Bruggink	
	8:45-9:15 AM	Envision Workshop: Envision 101 & 201	Chris Ranck	Black & Veatch	
	9:15-9:45 AM	Envision Workshop: Interactive Session 1 - Envision Self-Assessment	Chris Ranck	Black & Veatch	
	10:00-10:30 AM	Envision Workshop: Interactive Session 1 - Review and Feedback	Chris Ranck	Black & Veatch	
Technical Track 2-C: PFAS	10:30-11:00 AM	Envision Workshop: Case Study 1 - Using Envision in Your Capital Portfolio	Cyrill Weems	Burns & McDonnell	Earn up to 0.3 Technical
	11:00-11:30 AM	Envision Workshop: Case Study 2 - Using Envision for a Project	Sam Bender	Holland Board of Public Works	
	8:15-8:45 AM	State of the Science: PFAS Sampling Guidelines, Data Gaps, and Frequency of Cross-Contamination	Taryn McKnight	Eurofins Environment Testing America	
	8:45-9:15 AM	Michigan's Unique Collaborative Structure to Address PFAS	Christine Kosmowski	Michigan Department of Agriculture and Rural Development	
	9:15-9:45 AM	Statewide PFAS Assessment of WWTPs and Biosolids in Michigan (focus on collecting data and challenges with variables in process control/design)	Dorin Bogdan	AECOM	
	10:00-10:30 AM	In-depth Characterization of PFAS in Wastewater, a More Comprehensive Analysis	Taryn McKnight	Eurofins Environment Testing America	
	10:30-11:00 AM	Characterizing and Mitigating PFAS at Manufacturing Facilities	Michael Ellis	Barr Engineering	
	11:00-11:30 AM	Leachate Treatment System Design and Operation at a Closed Landfill: A Michigan Case	Jonathan Sowder	Fleis & VandenBrink	
			Molly Sherwood	Kent County DPW	
			Mike Vander Ploeg	Fleis & VandenBrink	

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Tuesday, June 14, 2022 - Afternoon Technical Breakouts by Track					
Technical Track 3-A: Process Control/Process Design	1:30-2:00 PM	How New SCADA Technology is helping Municipalities	Kenneth Wesley John Patry	UIS SCADA COO Team UIS	Earn up to 0.2 Technical
	2:00-2:30 PM	Transitioning from Plant-Wide SCADA System to System-Wide SCADA System Using Secure and Robust Remote Data Connections	Vicki McCorkle	Hazen and Sawyer	
	2:45-3:15 PM	Adaptable, Mechanically Cleaned Bar Screen Optimizes Hydraulics in Any Condition, Creating Resilient Wastewater Treatment	Steve Aiken	Duperon Corporation	
	3:15-3:45 PM	Sidestream Control	Bryen Woo	Ovivo USA	
	3:45-4:15 PM	Upgrading Lagoon Based Treatment Systems to Meet More Stringent Limits for BOD, TSS and Nutrient Removal	Mark Rasor	Lemna Environmental Technologies	
Technical Track 3-B: Research, Innovation & Future Insights	1:30-2:00 PM	The Microplastic Monster	Christine Wood	Donohue & Associates	Earn up to 0.2 Technical
	2:00-2:30 PM	Class “A” LysteGro Production at SHVUA WWTP	Mark Houle	Jacobs	
			Nathan Callison	Jacobs	
			Andy Mechel	Jacobs	
			Tom Johnson	Jacobs	
			Noah Bednar	Hubbell, Roth & Clark	
	2:45-3:15 PM	Compressed Gas Mixing and Inline Fermentation Enhances Biological Phosphorus Removal	Tyler Kunz Bryan Clor	EnviroMix, Inc. City of Warren	
	3:15-3:45 PM	Everything You Want to Know About Biosolids Drying	Aric Bergstrom	Donohue & Associates	
3:45-4:15 PM	Application of Wastewater-Based Epidemiology to Support Early Detection of COVID-19 in Small Detroit Sewersheds	Carrie Turner Bill Shuster Jeff Ram	LimnoTech Wayne State University Wayne State University		
Technical Track 3-C: Diversity, Equity, Inclusion & Belonging Workshop	1:30-2:45 PM	Unconscious Bias Part 1 of 2: A Quiet Performance Killer	Dr. Tyrone A. Holmes	T.A.H. Performance Consultants, LLC	Earn up to 0.3 Managerial
	3:00-4:15 PM	Unconscious Bias Part 2 of 2: Uncomfortable Conversations	Dr. Tyrone A. Holmes	T.A.H. Performance Consultants, LLC	
Wednesday, June 15, 2022 - Morning Closing Sessions					
Closing Sessions	8:30-8:40 AM	President's Closing Remarks	Elaine Venema	Fleis & VandenBrink	Earn up to 0.2 Other
	8:40-9:00 AM	Sponsor Gratitude & Prize Drawings	Cheryl Vosburg	MWEA	
	9:00-9:30 AM	Dan Wolz Education 2021 Grant Winner Presentation	Keith Piccard	Allendale Middle School	
	9:30-10:00 AM	General Instrastruce Funding & Government Affairs Update	Mike Compagnoni	Midwest Strategy Group	
	10:00-10:30 AM	Update on MWEA Legislative Activities	Greg Kacvinsky Mike Compagnoni	OHM Advisors Midwest Strategy Group	
	10:45-11:45 AM	WEF Open Forum: Workforce Development	Keith Hobson	WEF	
	11:45-12:15 PM	Preventing Injuries - One Person at a Time	Garv Timmer	Veolia	

To accrue EGLE WRD approved wastewater CECs:

- (1) Be sure to scan the QR code included on your conference provided name badge as you enter & exit EACH session you participate in at the CEC Self-Scan Table.
- (2) Complete and sign the provided hard copy CEC Summary Form (neon green) & submit to MWEA prior to your departure to verify your participation in order to obtain CECs.