

39th Annual Conference On the Environment, November 7th, 2024

Air and Waste Management Association - Upper Midwest Section (A&WMA)
Central States Water Environment Association - Minnesota Section (CSWEA)

7:00 - 10:00	Vendor Display Booth Set Up (set up 7 AM and 10 AM), Student Poster Set Up (set up 7 AM and 8 AM)	MCC Mezzanine Lobby		
7:30 - 9:00	Registration, Continental Breakfast, and New Member Welcome	MCC Mezzanine Lobby		
8:50 - 9:00	Welcome: Mark Enochs, CSWEA & Kathryn Anderson, A&WMA	MCC Room M100A/B/J/I		
9:00 - 9:45	Keynote Speaker: Mr. Ryan Long, President, Xcel Energy Minnesota, North Dakota & South Dakota	MCC Room M100A/B/J/I		
9:45 - 10:30 Break	Vendor Display Booths Open & Grad Student Posters Display	MCC Mezzanine Lobby		
10:20 - 12:00	Student Environmental Challenge Desk Top Presentations		MCC Room M101C	
	Session 1 Wastewater Treatment	Session 2 Wastewater Regulation and Updates	Session 3 MPCA Air Update	Session 4 Odor, RMP
	Moderator: Mark Enochs, MNX	Moderator: Rocío Durkot, City of St. Cloud	Moderator: Tony Colombari, Trinity Consultants	Moderator: Liam Mitchell, Stantec
	MCC Room M100F	MCC Room M100G/H	MCC Room M100C/D	MCC Room M100E
10:30 - 11:00	CSWEA MN Industrial Award Winner - Leachate Pre-Treatment for PFAS Removal at SKB Rosemount Landfill, Ryan O'Gara, SKB Environmental, Inc. & Martin Bureau, ALTRA SANEXEN	MPCA Wastewater Regulatory Updates Suzanne Baumann, MPCA	Air quality regulations: The year in review Hassan Bouchareb and Megan Kuhl-Stennes, MPCA	Developing Effective Odor Management Plans Angie Wanger, Trinity Consultants
11:00 - 11:30	Wastewater in the Meat/Dairy Industry Adriaan van der Beek, FRC	New FRP Rule - CWA Hazardous Chemicals Russell Novotny, Trinity Consultants		Basics of Odor Measurement Techniques Michael McGinley, St. Croix Sensory, Inc.
11:30 - 12:00	The Microplastic Monster Christine Wood, Donohue & Associates	Build America, Buy America (BABA) Bill Dunn, Gabe Posteuca and Tasha Spencer, MPCA	Air Permitting Completeness Reviews: Two Years in Review Rand Silvers and Megan Dalbec, MPCA	Recent RMP Updates: How does this affect your facility? Jena DeRung, Trinity Consultants
12:00 - 1:00	Luncheon/Vendor Display Booths Open/Grad Student Posters Display/ Student Challenge Awards			MCC Room M100A/B/J/I
1:00 - 2:30	Student Environmental Challenge Desk Top Presentations		MCC Room M101C	
	Session 5 Wastewater Case Studies	Session 6 Wastewater Biofilms	Session 7 Environmental Review	Session 8 Air Modeling
	Moderator: Kelsey Hogan, MCES	Moderator: Mark Stone, HR Green	Moderator: Grace Ricker, Barr	Moderator: Shelley Koehn, 3M Company
	MCC Room M100F	MCC Room M100G/H	MCC Room M100C/D	MCC Room M100E
1:00 - 1:30	Don't tempt fate. Approaching sulfate evaluations while considering the other fates (nitrate and phosphate) Eric Redmond, Black & Veatch	3D Bioprinting for microbial biotechnology Mariel Castillo, Iowa State University	MNRISKS Data Deep Dive: Using publicly available data to evaluate stationary source contributions to cumulative human health risk Chandler Taylor and Jennifer Koenen, Barr Engineering Co.	Determining when an air quality permit amendment requires a NAAQS demonstration Rachel Fossum and Joshua Markham, MPCA
1:30 - 2:00	Successful Case Studies for Biogas Upgrading and Use in Pipelines and Vehicle Fueling Brendan Wolohan, Carollo Engineers, Inc.	Biochar as ammonia exchange biofilm carrier for enhanced aerobic nitrification in activated sludge Mariah Dorner, University of Minnesota	PFAS In the Courts: Who's Suing Who, Who Might Sue You, and What You Should Do Jeremy P. Greenhouse, Fredrikson & Byron P.A.	Impacts of the PM2.5 NAAQS Revision John Ke, Trinity Consultants
2:00 - 2:30	Springsteel Regionalization - A Win for All Parties Mike Saunders and Al Robertsen, AE2S	Mobile Organic Biofilms: A Completely Plant-Based Biofilm Process Solution for Biological Treatment Erik Anderson, Nuvoda, LLC	Capturing Climate Adaptation & Resilience with Minnesota Environmental Review: Approach to Analysis and Expectations for Future Requirements Liam Mitchell & Courtney Bot, Stantec	Review of Street Sweeping Measures for Reducing Particulate Matter (PM) Road Dust Emissions Megan McCabe and Kenneth Craig, Sonoma Technology, Inc.
2:30 - 3:00 Break	Vendor Display Booths Open & Grad Student Posters, MCC Lobby Area			
	Session 9 Water Sector Management	Session 10 PFAS	Session 11 Air Legal Issues	Session 12 Air Monitoring
	Moderator: Jacob Mitten-Thomsen, Hazen & Sawyer	Moderator: Eric Lynne, Donohue & Associates	Moderator: Sharon Dahl, Barr	Moderator: Katie Swor, Stantec
	MCC Room M100F	MCC Room M100G/H	MCC Room M100C/D	MCC Room M100E
3:00 - 3:30	Watershed approaches to achieving regulatory compliance for nutrient removal: Illinois crosses the Rubicon Bartlett Durand, Local Choice Marketing and Mohammed Haque, CSWEA	2024 PFAS Regulatory Update: No longer a "coming attraction," life in a world with federal standards Andrea Collier, Barr Engineering Co.	Four Recent U.S. Supreme Court Decisions That Could Affect Environmental Law for Years to Come Bill Hefner, Devin Driscoll and Shantal Pai, Fredrikson & Byron P.A.	MPCA Update: Air Quality Sensors and Facility Ambient Monitoring Katie Rinker and Megan Kuhl-Stennes, MPCA
3:30 - 4:00	Cybersecurity for Water Sector Resilience: Navigating the Evolving Regulatory Landscape Dave Skramsted, OT Security Advisors	Evaluation of PFAS Removal by Surface Activate Foam Fractionation of Low Foaming Groundwater and High Foaming Surface Water Laura Lewis, AECOM		Case Study: Manufacturing Site Air Quality Monitoring Chris Nelson, Post Consumer Brands
4:00 - 4:30	The State of Minnesota's Circular Water Economy: Current State and Future Directions Michelle Stockness and Chyann Erickson, Freshwater	Evaporation for Landfill Leachate Management and PFAS Separation Casey Cammann, Heartland	Legal Hurdles & Constitutional Questions: EPA's Unprecedented Designation of PFOA & PFOS as CERCLA Hazardous Substances Lindsey Remakel, Fredrikson & Byron P.A.	Minneapolis Community Air Quality Sensors Jenni Lansing and Lucy Shapiro, City of Minneapolis
4:30 - 6:00	Cash Bar/Networking Event, MCC Lobby Area			