



33RD ANNUAL

CONFERENCE ON THE ENVIRONMENT

“FEDERAL, STATE, & LOCAL ENVIRONMENTAL PERSPECTIVES”

WEDNESDAY, NOVEMBER 7TH, 2018

PROGRAM AT A GLANCE

TIME	LOCATION	EVENT
7:00am — 10:00am	Mezzanine Lobby	Vendor Display Booth Set-up
7:30am — 8:45am	Mezzanine Lobby	Registration, Continental Breakfast, New Member Welcome
8:45am — 9:00am	Room M100 A B I J	“Welcome” - Andrew Willing (A&WMA), Tim Wedin (CSWEA)
9:00am — 10:00am	Room M100 A B I J	Keynote Address: Chris Nelson (A&WMA President)
10:00am — 10:30am	Mezzanine Lobby	Break, Vendor Display Booths Open, Student & Intern Posters Display
10:30am — 12:00pm	Various (See Next Page)	Session Presentations (See Next Page)
10:30am — 2:30pm	Room M101 C	Student Environmental Challenge
12:00pm — 1:00pm	Room M100 A B I J, M101 A B	Lunch
1:00pm — 2:30pm	Various (See Next Page)	Session Presentations (See Next Page)
2:30pm — 3:00pm	Mezzanine Lobby	Break, Vendor Display Booths Open, Student & Intern Posters Display
3:00pm — 4:30pm	Various (See Next Page)	Session Presentations (See Next Page)
4:30pm — 5:00pm	Mezzanine Lobby	Happy Hour Networking, Student Environmental Challenge Award
4:30pm — 5:00pm	Mezzanine Lobby	Student & YP Mentor Mixer

	Room M100 C D	Room M100 G H	Room M100 F	Room M100 E
	Session 1 — Water: Miscellaneous Topics	Session 2 — MPCA Air Updates	Session 3 — Solid Waste	Session 4 — Stormwater & Water Resources Management I
10:30am to 11:00am	Water Law Update Jeremy Greenhouse, Environmental Law Group	Air Regulatory Update Hassan Bouchareb, MPCA; Anne Jackson, MPCA; Christine Steinwand, MPCA	Knocking Down Walls to Improve Demolition Safety and Increase Deconstruction and Reuse Opportunities Aaron Chavez & Caroline Lund, Ramsey County Environmental Health Division	The Metro Stormwater Geodata Project Geoff Mass, Metropolitan Council
11:00am to 11:30am	Polyfluorinated Alkyl Substances (PFAS) - Positive Steps for the Future Dirk Pohlmann & Donovan Hannu, Bay West		Impacts from China on Recycling Markets - An MRF Perspective Bill Keegan, Dem-Con Companies	Serpent Lake, On the Road to Recovery Britta Hansen, Emmons & Olivier Resources; Melissa Barrick, Crow Wing SWCD
11:30am to 12:00pm	CSWEA-MN Industrial Water Quality Award Winner: Peerless Chain	Air Quality Permit Applications Jared LaFave, MPCA	Trends in the Economics of Recycling and Regional Impacts Wayne Gjerde, MPCA	From Rags to Riches: Converting an Old Ditch to a New Wetland Shawn Tracy, HR Green
	Session 5 — Wastewater Processes	Session 6 — Air: Miscellaneous Topics	Session 7 — Utility & Facilities Management	Session 8 — Stormwater & Water Resources Management II
1:00pm to 1:30pm	Aerobic Granular Sludge Technology: An Innovative Wastewater Treatment Solution Manuel De Los Santos, Aqua-Aerobic Systems	The Metro Plant Improves Air Quality So Our Local Community Can Breathe Easier David Quast & Rene Heflin, Metropolitan Council Environmental Services (MCES)	Terminating an MPCA Permit through e-Services Kaitlin Jamieson, MPCA	Minnesota Stormwater Protection: What's Changed in the 25 Years of the Industrial Stormwater Program? What's our next chapter? Melissa Wenzel, MPCA
1:30pm to 2:00pm	Mainstream Nitrogen Removal with Anammox Selecting Membranes Anndee Huff, Student, U of MN	Refrigerant Rule Revisions: Is Your Facility Prepared? Tony Colombari, Trinity Consultants	Selling Rate Increases to Fund Projects Naeem Qureshi, Sambatek	The Revolution of Stormwater Management in the Land of 10,000 Lakes Jay Michels, Emmons & Olivier Resources; Mike Insensee, MSC WMO
2:00pm to 2:30pm	A Pilot Study on Anaerobic Digestion of B-Starch Waste Hasibul Hasan, Sambatek	Once In Always In Policy Reversal Implications Tony Colombari, Trinity Consultants; Hannah Brady, Wenck	EHS 3.0: The Next Generation of Standardized Cloud-based Solutions John Niemoller, Perillion Software	Chasing the Silver Bullet: Adventures in Alternative Stormwater Filtration Media (Iron Enhanced Sand and Spent Lime) Keith Pilgrim, Barr Engineering
	Session 9 — Resource, Recovery, & Energy (R2E)	Session 10 — Air: NSR & PSD	Session 11 — MPCA Compliance & Enforcement	Session 12 — MPCA Water & Wastewater Updates
3:00pm to 3:30pm	Evaluating the Technoeconomic Factors that Influence the Success of Renewable Natural Gas Projects Bryce Jones & Quentin Hahn, Burns & McDonnell	Panel Session: Impacts of EPA's Changes to the New Source Review Air Permitting Program Joel Trinkle, Barr Engineering; Jon Bloomberg, Environmental Law Group; Kathryn Anderson, Wenck; Richard Cordes, MPCA	MPCA Approaches to Compliance Assistance & Outreach Cory Boeck, MPCA (Air Quality); Sean O'Connor, MPCA (Hazardous Waste); Kelly Fischer, MPCA (Underground Storage Tanks); Craig Weingart, MPCA (Storm Water and Industrial Waste Water)	"What's New" with the General Construction Stormwater Permit and the MS4 Permit Marni Karnowski, MPCA
3:30pm to 4:00pm	Achieving High-Rate Hydrogen Recovery from Wastewater using Customizable Alginate Polymer Gel Matrices Encapsulating Biomass Kuang Zhu, et. al., Student, U of MN		Is Municipal Wastewater Treatment Infrastructure More Expensive Than It Used To Be? Scott Kyser, MPCA	
4:00pm to 4:30pm	Adapting Codes: Sustainability and Resiliency Elizabeth Tomlinson, TKDA		Cooperative Federalism and an Uncertain Political Environment: What the Shift to Local Control Means for Facility Compliance Requirements Wendy Tindall, Bay West	A HSPF Model is a Valuable Tools for Determining the Phosphorus Effluent Limits Needed in a Watershed to Meet Eutrophication Criteria Emily Brault, MPCA