



31ST ANNUAL CONFERENCE ON THE ENVIRONMENT

**ENVIRONMENTAL PERSPECTIVES: FEDERAL, STATE AND LOCAL
NOVEMBER 9TH, 2016**

Conference Sponsors



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CENTRAL STATES WATER ENVIRONMENT ASSOCIATION

CSWEA’s mission is to provide a Water Environment Federation (WEF) organization in Illinois, Minnesota, and Wisconsin that offers multiple opportunities for the exchange of water quality knowledge and experiences among its members and the public and fosters a greater awareness of water quality achievements and challenges. The Minnesota Section of CSWEA is co-hosting this conference. WWW.CSWEA.ORG

AIR AND WASTE MANAGEMENT ASSOCIATION

A&WMA is a non-profit, non-partisan professional organization with more than 5,000 members in 65 countries. A&WMA assists in the professional development and critical environmental decision-making of its members by providing a neutral forum for technology exchange, networking opportunities, public education, and outreach. The upper Midwest Section of A&WMA is co-hosting this conference. WWW.AWMA-UMS.ORG

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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		<i>MCC Mezzanine Lobby</i>		
7:30 - 9:00	Registration, Continental Breakfast, and New Member Welcome		<i>MCC Mezzanine Lobby</i>		
8:00 - 8:45	CSWEA and A&WMA Business Meetings		<i>MCC Room M100 CD and M100 GH</i>		
8:00 - 8:45	Student & YP Mentor Breakfast		<i>MCC Room M100 ABIJ</i>		
8:45 - 9:00	Welcome: Mike Nelson (A&WMA) and Lana Tullis (CSWEA)		<i>MCC Room M100 ABIJ</i>		
9:00 - 10:00	Keynote: MPCA Commissioner John Linc Stine		<i>MCC Room M100 ABIJ</i>		
10:00 - 10:30	Vendor Display Booths Open & Student & Intern Posters Display		<i>MCC Mezzanine Lobby</i>		
10:30 - 12:00	Stormwater Committee Meeting		<i>MCC M101 AB</i>		
	SESSION 1		SESSION 2		SESSION 3
	MPCA WATER REGULATORY UPDATE		MPCA AIR REGULATORY & AIR QUALITY UPDATE		THE WORLD OF WATER
	MODERATORS: JOHN FRIEL AND BRENDAN WOLOHAN		MODERATOR: GREG ARCHER		MODERATOR: PATRICK HANEY
	MCC Room M100 CD		MCC Room M100 GH		MCC Room M100 E
	MCC Room M100 CD		MCC Room M100 GH		MCC Room M100 F
	MCC Room M100 CD		MCC Room M100 GH		MCC Room M101 C
10:30 - 11:00	Chloride in Wastewater in Minnesota Scott Kyser, MPCA	MPCA Air Regulatory Update Melissa Kuskie and Hassan Bouchareb, MPCA	Water Law Update Jeremy Greenhouse, The Environmental Law Group, Ltd.	Minnesota Solid Waste Policy Report (SWPR) Moving Toward Implementation Mark Rust and Anna Kerr, MPCA	Desktop Display 9:00 to 11:00 AM
11:00 - 11:30	Implementation of MPCA’s Proposed Sulfate Wild Rice Standard Liz Kaufenberg, MPCA	Introduction to Tempo Question and Answer Jared LaFave, MPCA	A New Tool for Retrieval of Harmful Algae Concentrations using Multi-Satellite Observations Maria Garcia-Serrana and Anne Wilkinson, U of M	Presentation Goals & Strategies for the Newport Resource Recovery Facility Operation Michael Reed, Ramsey/Washington Recycling & Energy Board	
11:30–12:00	Putting the New River Eutrophication Standards to Work Protecting Minnesota’s Waters Matt Lindon, MPCA Regulatory Certainty Legislation Joel Peck, MPCA	Air Permit Applications and e-Services Peggy Bartz, MPCA	Using Wastewater Expertise for Humanitarian Efforts to Bring Centralized Treatment Developing Regions of Costa Rica Global Water Stewardship Alex Lober, Brown & Caldwell Zachary Wallin, SEH	Lab USA IBA Treatment Facility Brent DuBois, President and CEO, Lab USA	
12:00 - 1:00 Lunch/ Vendor Display Booths Open/Student & Intern Posters Display MCC Room M100 ABIJ and M101 AB					

NOTE: This Technical Program is subject to change

CONFERENCE ON THE ENVIRONMENT—AFTERNOON SESSIONS

	SESSION 6 ENERGY EFFICIENCY & NUTRIENT REMOVAL MODERATOR: CHRIS HARRINGTON	SESSION 7 FEDERAL, STATE AND LOCAL INITIATIVES MODERATOR: JILL BLISSENBACH	SESSION 8 STORMWATER AND WATER RESOURCES MANAGEMENT MODERATOR: MARK DONEAUX	SESSION 9 GENERAL INTEREST MODERATOR: COLIN FITZGERALD	SESSION 10 STUDENT CHALLENGE PRESENTATIONS
	MCC Room M100 CD	MCC Room M100 GH	MCC Room M100 E	MCC Room M100 F	MCC Room M101 C
1:00- 1:30	Real Improvements to the Dewaterability of Bio-P Sludge Eric Lynne, Donohue & Associates, Inc.	Updated EPA National Enforcement Initiatives Jon Frost, Trinity Consultants	Technology, the New BMP: Utilizing Real-Time Automated Controls to Minimize Cost and Maximize Performance of a Flood Control BMP Bob Fossum, Capitol Region Watershed District	Climate Change Risk Assessment: A First Step for Enhancing Strategic Planning Miranda Mair, Wenck Associates, Inc.	Formal Presentations 1:00 to 2:30 PM
1:30 - 2:00	The Path to Energy Neutrality Tracy Hodel, City of St. Cloud	Integrating MPCA's Environmental Justice Policy Jeff Smith, MPCA	Cottageville Park—Integration of Land Use Planning and Natural Resource Improvement to Build Sustainable Communities Rena Clark, Minnehaha Creek Watershed District	Interacting with the Media Daron Selvig, AE2S	
2:00 - 2:30	New Solution for Domestic Primary Wastewater Treatment John Dyson, Aqua Aerobic Systems, Inc.	Innovative Approach at Reducing Air Emissions in Northeast Minneapolis Sarah Kilgriff, MPCA Bill Hefner, Environmental Law Group Kathryn Anderson, Wenck Associates	Stormwater Reuse—Process, Ponds, and Roofs, Oh My! Todd Shoemaker and Lucius Jonett, Wenck Associates, Inc.	Building a Successful Environmental Internship Program Larry Rogacki and Amanda Hiatt Metropolitan Council Services	
2:30 - 3:00	Vendor Display Booths Open & Student & Intern Posters, MCC Lobby Area				
	SESSION 11 NUTRIENT REMOVAL MODERATOR: JASON BENSON	SESSION 12 AIR PERMITTING CASE STUDIES MODERATOR: MIKE WESTERENG	SESSION 13 STORMWATER AND WATER RESOURCES MANAGEMENT MODERATOR: BRIDGET OSBORN	SESSION 14 AIR DISPERSION MODELING MODERATOR: TONY COLOMBARI	SESSION 15 PRETREATMENT/INDUSTRIAL MODERATOR: MARK ENOCHS
	MCC Room M100 CD	MCC Room M100 GH	MCC Room M100 E	MCC Room M100 F	MCC Room M101 C
3:00 - 3:30	Innovative Phosphorus Removal Pilot Study Todd, DeJournett, Barr Engineering	A Case Study in Innovative Permitting Write-Your-Own Title V Permit at 3M Cordova Andrew Willing, 3M Company	Responding to Changing Perceptions of Detention Basins Using Classification and Performance Metrics in Ankeny, Iowa Doug Mensing, Applied Ecological Services	Could Line Sources be a Modeler's New Best Friend? Charlene Becka, Wenck Associates, Inc.	Advancing Safe and Sustainable Water Reuse in Minnesota Anita Anderson, MN Department of Health
3:30 - 4:00	Bio-P: The Good, The Bad, The Ugly Case Studies on Enhanced Biological Phosphorus Removal) Bill Marten, Donohue & Associates	Using the Control Equipment Rule Maria Takahashi, MPCA	Flocculation BMPs for Reducing the Sediment in Construction Water Discharges Nazli Yilmaz Wodinski, PhD, Minnesota State University, Mankato	Final changes to the EPA Air Dispersion Modeling Guideline Jeff Bennett, Barr Engineering	RMP Final Rule Changes, PSM Proposed Rule Changes and EPA Enforcement Emphasis Nicholas Hoffmann, Trinity Consultants
4:00 - 4:30	Denitrification DIY for Small WRRF Robert Smith, YSI/Xylem	Wisconsin PM 2.5 Mary Oleson, Wisconsin DNR	Quantifying Nutrient Removal by Street Sweeping: Findings from the Prior Lake Street Sweeping Study and Research Needs Larry Baker, University of Minnesota	Updates on Appendix W and Modeling in Minnesota” Shelley Koehn, Trinity Consultants	CSWEA MN Section Industrial Award Winner Dustin Maddy, CentraCare Health, St. Cloud Hospital
4:30 - 5:00	Student Challenge Awards and Cash Bar/Networking Event, MCC Lobby Area				

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Conference Exhibitors



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