



MINNESOTA POLLUTION
CONTROL AGENCY

Wastewater Operations and Collection Facilities Conference



Buffalo Wastewater Treatment Plant

October 8-10, 2024

Marriott Northwest, Brooklyn Park

Welcome

The Minnesota Pollution Control Agency (MPCA) Certification and Training Unit welcomes you to the Wastewater Operations and Collection Facilities Conference. It is our goal that you will find this event interesting, innovative, and educational.

Our exceptional planning committee has worked hard to design a program loaded with relevant industry topics. We encourage you to explore all of the sessions, and to take time to network with fellow attendees.

We appreciate and gratefully acknowledge the contributions of all involved in putting together this conference – the Planning Committee, developers, speakers, presenters, presidors and vendors.

Finally, we thank you – the attendees and participants – for your support. You are the reason we do this. Enjoy the conference!

The Training Team

Nick, Tracy, Don, Anne, Alexa, and Christi

Attendance sheets

To receive certification contact hours, you must sign an attendance sheet for each session you attend. Attendance sheets will be available towards the end of each session (morning and afternoon).

On-line conference survey

Please share your comments and feedback about the 2024 conference on-line. You may use a computer or your mobile device to access the conference evaluation at this link.

The survey is brief and your feedback helps focus on your wants and needs for the coming year. There are two laptop computers near the registration booth if you'd like to complete your evaluation there. You can also obtain a paper copy at the registration desk if you would prefer to submit comments that way. Thanks for your help to make this conference better!



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General Information

Breakfast – Continental breakfast Tuesday & Wednesday. Hot Breakfast Thursday. Breakfast is served in the hallway outside Northland Ballroom.

Lunch – Your name badge is required for lunch Tuesday and Wednesday. (No lunch on Thursday.)

Breaks – Breaks held in the hallway outside the Northland Ballroom.

Smoking – Smoking is not allowed in the Conference Center.

Contact hours – To receive 16 direct contact hours, you must attend Tuesday until 4:30 pm, Wednesday until 4:30 pm, and Thursday until noon. Those attending the conference will receive 16 wastewater contact hours.

Vendor drawing – Prize winners will be posted during the Wednesday Vendor show. You must be present to win.

Ask MPCA – MPCA staff will be available in the hallway adjacent to the Northland Ballroom to answer any questions you may have.

Tuesday at-a-glance

Breakfast				
7:15 am				
8:00 am	Welcome & Introduction – Nick Haig, MPCA – Northland Ballroom			
8:05 am	Welcome address from MPCA Municipal Division Director – Nicole Blasing – Northland Ballroom			
8:30 am	Securing the Flow: Navigating Cyber Threats and Strategies for Water and Wastewater Systems – Angela Hary – Northland Ballroom			
9:30 am	Minnesota Salon 1	Minnesota Salon 2	Arbor Lakes	Hennepin Salon 1 & 2
	New Plant/ Plant Upgrades	New Technologies & Current Trends	DMR & Online Services	Emerging Issues & Technologies
			Elm Creek Amphitheater	Hennepin Salon 3
			Electrical, Natural Gas, and Road Safety	(ALASD) Collection System Overview
Lunch (served at two different times 11:30 am & 12:00 pm depending on session – Great Room)				
11:30 am & 12:00 pm				
12:30 pm/1:00 pm	Minnesota Salon 1	Minnesota Salon 2	Arbor Lakes	Hennepin Salon 1 & 2
	Chloride	Education Programs and Collection O & M	Regulations, Compliance & Technical Assistance	Cyber Security
			Elm Creek Amphitheater	Hennepin Salon 3
			Collection System Projects	Stormwater
4:30 pm	End of day			

Tuesday morning

General Session Northland Ballroom

Developers: Nick Haig, Don Berger

- 8:00 Welcome – *Nick Haig*
- 8:05 MPCA Wastewater Update –
Nicole Blasing
- 8:30 Securing the Flow: Navigating Cyber
Threats and Strategies for Water and
Wastewater Systems – *Angela Hary*

CS – ALASD Collection System Overview Hennepin Salon 3

Developer: Anthony Theisen

- 9:30 Overview of One of the Largest
Collection Systems in Minnesota –
Brad Timm
- 10:30 Best Practices for Optimizing Lift
Stations – *Brad Timm*

CS – Electrical, Natural Gas, and Road Safety Elm Creek Amphitheater

Developer: Don Berger

- 9:30 MNDOT Traffic Safety Zone – *Jeff Morey*
- 10:05 Electrical Safety – *Kellen Schmidt*
- 10:35 Break
- 10:50 Natural Gas Safety – *Mike Mendiola*

CS – New Technologies, Current Trends Minnesota Salon 2

Developer: Pete MacPherson

- 9:30 Dual Auger & Screening Options –
Justin MacPherson
- 10:30 Best Impeller Designs in Collection –
Jason Draeger

WW – DMR & Online Services Arbor Lakes

Developer: Tami Dahl

- 9:30 DMR Webpage (Guidance Documents,
WQ Submittals) – *Tami Dahl*
- 10:00 DMR Basics – *Mackenzie Wilkinson-Hanson*
- 10:40 Break
- 10:45 Industrial Stormwater Online Services –
Brandon Orr
- 11:15 Sewer Extension Online Application –
Dave Sahli
- 11:45 Annual Compliance Summary –
Mackenzie Wilkinson-Hanson

Tuesday morning

WW – New Plant/ Plant Upgrades

Minnesota
Salon 1

Developers: Kelly Yahnke, Jerry Balbach

- 9:30 Worthington WWTF: Constructing Improvements for Now & the Future – *Jake Pichelmann*
- 10:15 Break
- 10:30 Lakefield WWTF Rehab Project – *Maria McCarty*
- 11:00 Foley Wastewater System – Regionalization with St. Cloud – *Jacob Humburg*
- 11:30 Babbit WWTF Mercury Removal Improvements – *Cameron Bruce*

WW – Emerging Issues and Technologies

Hennepin
Salon 1 & 2

Developer: John Friel

- 9:30 Overview of Sewer Thermal Heat Recovery System Guidance and Regulatory Requirements – *Dave Sahli*
- 10:00 State of PFAS Treatment and Destruction Technologies – *Peter Daniels*
- 10:30 Break
- 10:45 Advanced Biological Nutrient Removal with Algae – *Paul Simpson*
- 11:15 Emerging Technologies for Hydrogen Production from Wastewater – *Brendan Wolohan*

Lunch

11:30, 12:00 Depending on Session

Tuesday afternoon

CS – Projects

Elm Creek
Amphitheater

Developers: Angie Craft, Dianne Mathews

- 12:30 Look Mom...We Built a Tunnel! – How Asset Management Led Us Here – *Joe Klejwa*
- 1:30 Irving/Laurel Avenue Sanitary Sewer Replacement – *Kelly MacIntyre, Julie Benadum*
- 2:00 Break
- 2:15 Trend Setters - Carlton PS and Its Surge Tank – *Fasil Yitbarek, Robert Walton*
- 3:15 Interceptor Chemical Odor Control – *Bob Johnson*
- 3:45 What's in the Black Box? – *Tom Sontag*
-

CS – Education Programs and Collection O & M

Minnesota
Salon 2

Developer: Carrie Clement

- 12:30 St. Cloud Technical & Community College Water Environment Technology Program – *Gregg Kropp*
- 1:00 Minnesota Rural Water Association Apprenticeship Program – *Joel Jasmer*
- 1:30 Riverland Community College – Funding and Developing a New Program – *Peggy Young*
- 2:00 Vermillion's Water Operations Program – *O'Niell Tedrow, Ph. D.*
- 2:30 Break
- 2:45 Inflow & Infiltration: Your Results May Vary – *Jason Benson*
- 3:15 Innovative Cleaning Methods and Equipment – *Matt Fechter*
- 4:00 Flying Into the Future: Drones for Safer and More Efficient Inspections – *Rafael Estrada Moncada*

Tuesday afternoon

CS/WW – Stormwater Hennepin Salon 3

Developer: Brandon Smith

- 12:30 Funding for Stormwater and Community Resilience – *Linnea Savereide*
- 1:30 Plant Selection and BMPs for Sustainable Cities – *John Bly, Rich Harrison*
- 2:15 Break
- 2:45 Updates on the Draft ISW Permit – *Industrial Stormwater Unit*
- 3:30 Stormwater Success Story: Removing Lily Lake from Minnesota’s Impaired Waters List – *Matt Oldenburg-Downing*
-

CS/WW – Cyber Hennepin Salon 1 & 2

Security

Developer: Peter Alsis

- 1:00 Cyber 101 – *Peter Alsis*
- 1:45 Threat Landscape – *Karissa Zamora, Peter Alsis, AJ Carlson*
- 2:30 Break
- 2:45 Tools, Resources and Preventative Measures – *Chris Gabbard, Jen Lotze*
- 3:30 Break
- 3:45 Panel Discussion – *Kevin White, Dave Skramsted, Michelle Stockness, Paul Veeneman*
-

WW – Regulations, Compliance, & Technical Assistance Arbor Lakes

Developers: Paul Kimman, Taylor Olson

- 1:00 Development of a Site-Specific Sulfate Water Quality Standard for the Lower Mississippi River – *Robert Dietz*
- 1:20 Sulfate Multi Discharger Variance – *Ian Babson*
- 1:40 Anti-Deg or PEL – *Scott Kyser*
- 2:00 Break
- 2:15 Sanitary Sewer Overflow (SSO) & Public Notice Rule – *Mark Hugeback*
- 2:45 Mayo Park Lift Station Flood 2024 – *Pete Burns*
- 3:30 Break
- 3:45 Teammates in Treatment: Introducing New MPCA Technical Assistance Providers – *Kira Peterson, Brett Brehm*

Tuesday afternoon/Exhibitors List

WW – Chloride

Minnesota Salon 1

Developer: Brooke Asleson

- 1:00 Chloride Environmental Impacts and the MPCA's Chloride Reduction Program – *Brooke Asleson, Chandi McCracken-Holm*
- 1:45 How the MPCA's Smart Salting Tool can HELP YOU – *Douglas Klimbal*
- 2:30 Industrial Chloride Sources and Reduction – *Laura Sevcik*
- 3:00 Industrial Water Softening Technology – *Jeff Hill*
- 3:45 Residential and Commercial Chloride Reduction through Water Softener Replacement and Optimization – *Carolyn Dindorf*
-

Exhibitors (as of 10/1/2024)

- Balbach, Jerry - MVTL
- Belden, Anthony - Great Northern Environmental
- Butz, Todd - Treatment Resources Inc
- Carr, Mike - DGR Engineering
- Cyber Security
- Dillion, Gabriela - Engineered Sales Co
- Guldan, Brian - Bolton & Menk
- Hartley, Patrick - Tri-State Pump & Control
- Hoffman, Josh - ChemTreat
- Janes, Kelley - AE2S
- Krecklau, Jon - Thul Specialty Contracting
- Lease, Rhonda - USA Blue Book
- Malay, Cory - Quality Flow Systems
- McCombs, Kelsey - Team Labatory Chemical
- Napiorkowski, Ingrid - RMB Environmental Laboratories
- Okerstrom, Mitchell - Fergus Power Pump
- Peterson, Kirk - Core & Main
- Quamme, Michael - Apex Engineering Group
- Quast, David - SEH
- Raisanen, Grant - Hiperline
- Retirement
- Savelli, Mike - Hach Company
- Stelmacher, Todd - Visu-Sewer
- Szymanski, John - Alden Pool
- Weeres, Steve - Winter Recreation Technologies

Wednesday at-a-glance

Breakfast				
7:15 am				
8:00 am	Minnesota Salon 1 FOG/Odor Control Case Studies	Minnesota Salon 2 Flush to Fire - North Americas Largest Sewage Sludge Incineration Facility	Arbor Lakes Pretreatment & Industrial	Hennepin Salon 1 & 2 Funding Programs & Asset Management
			Hennepin Salon 3 Safety (Personal & Personnel)	Elm Creek Amphitheater Stabilization Ponds
10:00-3:00 pm				
Vendor/Professional Organization Displays – Northland Ballroom (Prizes awarded; must be present to win.)				
11:30 am & 12:00 pm				
Lunch (served at two different times 11:30 am & 12:00 pm depending on session – Great Room)				
12:30 pm/1:00 pm	Minnesota Salon 1 LSTS/Wastewater Hydrology	Minnesota Salon 2 Nutrient Removal	Arbor Lakes Collection System O&M	Hennepin Salon 1 & 2 Retirement Planning
			Hennepin Salon 3 Lift Station Tour	Elm Creek Amphitheater Ag/Urban Track
4:30 pm	End of day			

Wednesday morning

CS – FOG/Odor Control Case Studies Minnesota Salon 1

Developer: Carol Blommel-Johnson

- 8:00 The Nose Knows – Sarah Hanson, Jared Johnson, Paul Weiler
- 8:30 Solving Odor Problems in the Collection System – Anna Munson
- 9:00 Met Council’s Field Monitoring and Spill Response Activities – Tina Nelson, Tim Rothstein
- 9:30 Scum Handling and Management at Wastewater Treatment Plants – David Quast

CS/WW – Funding Programs & Asset Management Hennepin Salon 1 & 2

Developer: Bill Dunn

- 8:00 Funding Programs & Case Studies – Pam Foster, Gabe Posteuca
- 8:55 MPCA’s Technical Assistance Program for Small Rural and Tribal WWTFs – Brett Brehm, Kira Peterson
- 9:10 Wastewater Asset Management Program – Jennifer Koenig, John Nelson, Jeff Frost
- 9:50 Open Forum

CS/WW – Safety (Personal & Personnel) Hennepin Salon 3

Developer: Dianne Mathews

- 8:00 Confined Space Entry – Steve Kosch
- 9:00 Fall Protection Applications and Demonstration – Tyler Vujovich

WW – Stabilization Ponds Elm Creek Amphitheater

Developer: Brad Gillingham

- 8:00 Full Ponds - The 2024 Summer Statewide Flood Issue – Brad Gillingham, Paul Plaetz, Zach Blonigen
- 9:15 Break
- 9:30 PONDWATCH– Steve Weeres

Wednesday morning

WW – Pretreatment & Industrial

Arbor
Lakes

Developers: Jaramie Logelin, Lauren Marshall

- 8:00 Industrial Wastewater Conveyance Sampling - Portable and Grab Sampling Techniques – *Jim Archer*
- 8:35 Industrial Pretreatment – *Lana Tullas*
- 9:20 Strategies for Source and Load Reduction in Industrial Effluent – *Kevin Philpy*
- 10:00 Evaluating Industrial Users – *Justin Wagner*
-

WW – Flush to Fire - North America's Largest Sewage Sludge Incineration Facility

Minnesota
Salon 2

Developer: Nathan Wright

- 8:00 Incinerating Human Waste Since '38 – *Scott Smrekar*
- 8:45 Flotation and Gravity Thickened Sludge Optimization – *Joseph Ward, Trevor Prater*
- 9:15 Break
- 9:30 Asset Condition Monitoring – *Nathan Wright*
- 10:00 Control Room Modernization – *Stephen Norton*
-

Visit Vendors 10:00-12:00

Depending on which morning sessions attended, the Visit Vendors could be 10:00 to 11:30 or 10:30 to 12:00

Lunch

11:30, 12:00 Depending on Session

As an additional option on Wednesday afternoon, attendees are invited to remain at the vendor show until it concludes at 3:00 p.m. and join a different session at that time. Please note that if you do not join a session at 3:00 p.m. you will not receive full CEUs for the day.

Wednesday afternoon

CS/WW – Retirement Planning

Hennepin
Salon 1 & 2

Developer: Don Berger

- 1:00 From New Hire to Retire – *Stacy Martin*
- 1:45 Break
- 1:50 Learn Today; Love Your Tomorrow –
Eric Smith
- 2:55 Break
- 3:00 MSRS Pension, Deferred Compensation,
and Health Care Savings – *Eric Smith*
- 3:55 Break
- 4:00 Social Security – Securing Today and
Tomorrow – *Rhonda Whitenack*

CS – Collection System O&M

Arbor
Lakes

Developer: Carol Blommel-Johnson

- 12:30 MCES Interceptor System Overview –
Isaac Raser
- 1:00 MCES Wet Well Cleaning Program –
Seth Sovde
- 1:30 Nozzle Selection for Optimal Cleaning –
Shane Smetana, Bill Rood
- 2:00 Break
- 2:30 PIP Inspection – *Heath Kraft*
- 3:00 GIS Integration into Collection System
Operations – *Tiffany Leff, Brian Eckholm,
Meghan Wilson, Ellie Neilson*
- 3:30 Asset Management – *Deb Rose,
Corey Coutier*

CS – Lift Station Tour

Hennepin
Salon 3

Developers: Don Berger, Pete MacPherson

- 12:30 Visit Vendors or Join Other Sessions
- 1:00 Lift Station Tour – *Rob Wright,
Anthony Wright*
- 3:00 Attend other sessions

Wednesday afternoon

WW – LSTS/Wastewater

Minnesota

Hydrology

Salon 1

Developers: Lauren Bammert, Dave Oaks

- 1:00 Developing an Understanding of the Many Soil Regions Across Minnesota – *Dan Wheeler*
- 2:00 Break
- 2:20 “That’s different... Where did all the water go?!” Uncommon LSTS compliance inspection discoveries – *Kevin Peterson*
- 3:00 LSTS Case Study: Mobile Home Park Nitrogen Pretreatment Upgrade – *Brian Koski*
- 4:00 Hydrogeologic Studies – *Lauren Bammert*
-

WW – Nutrient Removal

Minnesota

Salon 2

Developers: Ben Carlson-Stehlin, John Friel

- 1:30 Regulatory Update – *Marco Graziani*
- 2:00 Nutrient Removal: Past, Construction and Future at the Rochester WRP – *Corey Bjornberg*
- 2:30 Phosphorus Analyzer Equipment and Applications at the WWTF – *Mike Savelli*
- 3:00 Break
- 3:15 Cologne MN Nutrient Removal Upgrades – *Jon Peterson*
- 4:00 Nutrient Removal Retrofit Case Study for Industrial High Strength Wastewater – *Mark Stone*
-

WW – Ag/Urban Track

Elm Creek

Amphitheater

Developer: Joel Peck

- 1:00 Non-Point Water Quality Trading – Streambank Stabilization Project in Oronoco – *Bruce Henningsgaard*
- 2:00 Ag Water Quality Certification Program – *Brad Jordahl-Redlin*
- 3:00 Break
- 3:30 MPCA’s New Feedlot Permit – *George Schwint*

Thursday at-a-glance

7:15 am

Breakfast

Minnesota Salon 1	Minnesota Salon 2	Arbor Lakes	Hennepin Salon 1 & 2	Hennepin Salon 3	Elm Creek Amphitheater
N/A	Process Optimization & Troubleshooting	New Operators	PFAS	Laboratory and NPDES/SDS Wastewater Permit Overview	Managing Risks & Liabilities

8:00 am

12:00 pm

Conference adjourns (no lunch)

Thursday morning

CS – Managing Risks and Liabilities

Elm Creek
Amphitheater

Developer: Don Berger

- 8:00 LMC Sewer Tool Kit – *Troy Walsh*
9:15 MNWARN – *Tim Hewett*
10:30 Locating utilities. Process, steps, and misconceptions – *Jolena Ware*
-

CS/WW – New Operators

Arbor
Lakes

Developers: Don Berger, Marc Weikert

- 8:00 Treatment Basics and Troubleshooting – *Marc Weikert*
8:45 New Operator Tips/Advice – *Kory Jorgensen*
9:25 Operator Resources – *Marc Weikert*
10:10 Break
10:35 Growing and Advancing Within Your Organization – *Daniel Heinzmann*
10:55 MRWA Apprentice Program – *Joel Jasmer*
11:25 Need to Know Panel Discussion – *Jimmy Lipps*
-

WW – Process Optimization & Troubleshooting

Minnesota
Salon 2

Developers: Mike Saunders, David Quast

- 8:00 Low-Cost Nitrogen Removal Optimization – *William Martin*
8:35 Riding the Wave: Updating Outdated UV systems – *Abram Peterson*
9:10 Inventive PLC Program Improves Aeration Efficiency and Allows ABAC Control – *David Quast*
9:45 Optimizing Aeration: Selecting the Ideal Blower for Le Sueur's Wastewater Treatment Facility – *Mike Saunders*
10:20 Break
10:50 Low DO Operational Impact and Preliminary qPCR Results at Eagles Point – *Kelsey Hogan, Alexa Chesley*
11:25 Aeration Energy Optimization at Eagles Point – *Lee Pinkerton*

Thursday morning

WW – PFAS

Hennepin Salon 1 & 2

Developer: Sherry Bock

- 8:00 MPCA Wastewater PFAS Updates –
Stephanie Lyons, Sherry Bock
- 9:00 PFAS Sampling - Thing to Consider –
Daniel George
- 9:30 PFAS Composite Sampling –
Martina Nelson
- 10:00 Break
- 10:30 PFAS Pollution Minimization Plans (PMPs)
– *Julie Macor*
- 11:00 WLSSD’s Approach and Resource Sharing
– *Erik Johnson, AJ Axtell*
- 11:30 PFAS Grant Work – *Shanna Czeck*
-

WW – Laboratory & NPDES/ SDS WW Permit Overview

Hennepin
Salon 3

Developer: Anne Hildebrand

- 8:00 Surviving DMRQA – *Jennifer Thoreson*
- 8:30 Nitrogen Testing and Process Control
Options – *Mike Savelli*
- 9:30 Salt, it’s Not Just in the Shaker –
Jennifer Thoreson
- 10:15 Break
- 10:45 NPDES/SDS Wastewater Permits – *Laura
Lacquement*
- 11:45 Q & A
-

12:00 – Conference adjourns

(no lunch)

Planners/Developers

Alsis, Peter - MNIT

Asleson, Brooke - MPCA

Balbach, Jerry - MVTL

Berger, Don - MPCA

Clement, Caroline - WLSSD

Craft, Angella - Minneapolis

Dahl, Tamara - MPCA

Friel, John - Stantec

Haig, Nick - MPCA

Kimman, Paul - MPCA

MacPherson, Pete - Minnesota Pump Works

Mathews, Dianne - WLSSD

Olson, Taylor - MPCA

Smith, Brandon - MPCA

Thiesen, Anthony - Electric Pump

Yahnke, Kelly - Bolton & Menk

Moderators/Room Presiders

Alsis, Peter - MNIT
Asleson, Brooke - MPCA
Balbach, Jerry - MVTL
Bammert, Lauren - MPCA
Berger, Don - MPCA
Blommel Johnson, Carol - METC
Bock, Sheryl - MPCA
Carlson-Stehlin, Benjamin - MNPCA
Clement, Caroline - WLSSD
Craft, Angella - Minneapolis
Friel, John - Stantec
Gillingham, Brad - MPCA
Haig, Nick - MPCA
Hildebrand, Anne - MPCA
Kersey, Alexa - MPCA
Kimman, Paul - MPCA
Lipps, James - MPCA
Logelin, Jaramie - MPCA
MacPherson, Pete - Minnesota Pump Works
Marshall, Lauren - MPCA
Mathews, Dianne - WLSSD
Nicholas, Belinda - MPCA
Olson, Taylor - MPCA
Peck, Joel - MPCA
Satnik, Jennifer - MPCA
Smith, Brandon - MPCA
Thiesen, Anthony - Electric Pump
Weikert, Marc - MRWA
Wright, Nathan - MCES
Yahnke, Kelly - Bolton & Menk

Speakers

Alsis, Peter - MNIT
Archer, James - Mankato
Archibald, John - Milaca
Asleson, Brooke - MPCA
Axtell, AJ - WWTF
Babson, Ian - MPCA
Bammert, Lauren - MPCA
Benadum, Julie - Brown and Caldwell
Benson, Jason - AE2S
Bjornberg, Corey - Rochester
Blasing, Nicole - MPCA
Blommel Johnson, Carol - METC
Blonigen, Zachery - Eden Valley
Bly, John - Metro Blooms
Bock, Sheryl - MPCA
Brehm, Brett - MPCA
Bruce, Cameron - SEH
Burns, Peter - Le Sueur
Carlson, AJ - BCA/FBI
Chesley, Alexa - MCES
Clement, Caroline - WLSSD
Coutier, Corey - MCES
Czeck, Shanna - St Cloud
Dahl, Tamara - MPCA
Daniels, Peter - Stantec
Dietz, Robert - MPCA
Dindorf, Carolyn - Bolton & Menk
Draeger, Jason - Quality Flow Systems
Eckholm, Brian - METC
*Estrada Moncada, Rafael - Short Elliott Hendrickson
Inc*
Fechter, Matt - Equix Integrity, Inc.
Foster, Pam - MPCA
Friel, John - Stantec
Frost, Jeff - MCES
Gabbard, Chris - CISA
George, Daniel - PACE

Gillingham, Brad - MPCA
Graziani, Marco - MPCA
Haig, Nick - MPCA
Hanson, Sarah - MCES
Harrison, Rich - Metro Blooms
Hary, Angela - MPCA
Heinzmann, Daniel - Coon Rapids
Henningsgaard, Bruce - MPCA
Her, Chee - Xcel Energy
Hewett, Timothy - St Cloud
Hill, Jeff - Conference
Hogan, Kelsey - Metropolitan Council
Hugeback, Mark - MPCA
Humburg, Jake - Bolton & Menk
Jasmer, Joel - MRWA
Johnson, Erik - WLSSD
Johnson, Jared - Fairmont
Johnson, Robert - MCES
Jordahl-Redlin, Brad - Department of AG
Jorgensen, Kory - SEH Engineering
Klejwa, Joseph - Minneapolis
Klimbal, Douglas - Bolton & Menk
Koenig, Jennifer - MRWA
Kosch, Steve - 3M
Koski, Brian - Septic Check
Kraft, Heath - MCES
Kropp, Gregg - St. Cloud Tech
Kyser, Scott - MPCA
Leff, Tiffany - MCES
Lacquement, Laura - MPCA
Lipps, James - MPCA
Lotze, Jen - CISA
Lyons, Stephanie - MPCA
MacIntyre, Kelly - Minneapolis
Macor, Julie - WLSSD
MacPherson, Pete - Minnesota Pump Works
Martin, Stacy - PERA

Speakers

Martin, Will - Hazen
McCarty, Maria - SEH
McCracken-Holm, Chandi - MPCA
Mendiola, Mike - MN Office of Pipeline Safety
Morey, Jeff - MNDOT
Munson, Anna - Hazen and Sawyer
Neilson, Ellie - MCES
Nelson, John - MRWA
Nelson, Martina - MCES
Norton, Stephen - Met Council
Oldenburg-Downing, Matt - Conference
Orr, Braden - MPCA
Peterson, Jon - Bolton & Menk
Peterson, Kevin - MPCA
Peterson, Kira - MPCA
Peterson, PE, Abram - Carollo Engineers
Philpy, Kevin - Minnesota Technical Assistance Program
Pichelmann, Jake - Bolton & Menk
Pinkerton, Lee - MCES
Plaetz, Paul - MRWA
Posteuca, Gabe - MPCA
Prater, Trevor - MCES
Quast, David - SEH
Raser, Isaac - MCES
Rood, Bill - Flexible Pipe Tool
Rose, Deborah - MCES
Rothstein, Tim - MCES
Sahli, Dave - MPCA
Saunders, Mike - AE2S
Savelli, Mike - Hach Company
Savereide, Linnea - MPCA
Schmidt, Kellen - Excel
Schwint, George - MPCA
Sevcik, Laura - UofM
Simpson, Paul - Gross-Wen Technologies
Skramsted, Dave - OT Security Advisors
Smetana, Shane - Flexible Pipe Tool

Smith, Eric - MSRS
Smrekar, Scott - MCES
Sontag, Tom - Short Elliott Hendrickson
Sovde, Seth - MCES
Stockness, Michelle - Freshwater
Stone, Mark - Howard Green
Stormwater Unit, Industrial - MPCA
Tedrow, O'Niell - MN North College - Vermillion
Campus
Thoreson, Jennifer - MPCA
Timm, Brad - Alexandria Lake Area SD
Tullas, Lana - Bolton & Menk
Veeneman, Paul - Securisect
Vujovich, Tyler - 3M
Wagner, Justin - Northfield
Walsh, Troy - League of Minnesota Cities
Walton, Robert - WLSSD
Ward, Joseph - MCES
Ware, Jolena - Gopher State One Call
Weeres, Steve - Winter Recreation Technologies
Weiler, Paul - MCES
Wheeler, Dan - UofM
White, Kevin - EIS
Whitenack, Rhonda - PERA
Wilkinson-Hanson, Mackenzie - MPCA
Wilson, Meghan - MCES
Wolohan, Brendan - Carollo
Wright, Anthony - Stacon
Wright, Nathan - MCES
Wright, Robert - Electric Pump
Yitbarek, Fasil - SEH
Young, Peggy - Riverland Community College

