

# 2025 MSAWWA-MWEA Conference Preliminary Agenda

Wednesday April 23, 2025

Morning General Session

<b>General Session — Room location: TBD</b>	
Moderator: Matt Mudd, MSAWWA Chair and Bruce Souder, MWEA President	
8:00 – 8:15	<b>Welcome and Opening Session</b> Matt Mudd, MSAWWA Chair Bruce Souder, MWEA President Bill Cole, City of Billings Mayor
8:15 – 8:45	<b>AWWA &amp; WEF Guest Speakers</b> Ken Kawahara, AWWA Vice-President WEF Board of Trustees TBD
8:45 – 10:00	<b>Louis Engels, City of Billings Utilities Engineer</b>
10:00 – 10:30	<b>BREAK – Exhibitor Area</b> Presentation: Lime Sludge Dewatering, Randy Burns and Alex Martynenko, Esmil Booth #tbd
10:30 – 11:00	<b>AWWA and MWEA Committee Presentations</b> Committee Chairs
10:45 – 11:30	<b>Awards</b>

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### Afternoon Breakout Sessions

<b>Drinking Water Sessions—Room location: TBD</b>	
Moderator:	
1:00 – 1:45	<b>Modernizing Missoula's Water System: The Missoula - SRF Collaboration</b> Andy Schultz, City of Missoula and Sandie Koenig, MT DEQ
1:45 – 2:30	<b>Willett Pump Station - Overcoming Challenges to Improve Operational Efficiencies</b> David Carlson, AE2S and City of Billings
2:30 – 3:15	<b>BREAK – Exhibitor Area</b>
3:15 – 4:00	<b>CMRWA Regional Water Project Update</b> Bob Church, Susan Hayes, and Amy Deitchler, Great West Engineering
4:00 – 4:45	<b>Billings West End Raw Water Storage Project</b> Craig Habben, HDR
4:45 – 5:30	<b>Filtration Properties of Microbial Cellulosic Membranes: The Role of Operational Parameters</b> Aryama Raychaudhuri, Montana Technological University

**Wastewater Treatment Sessions—Room location: TBD**

Moderator:

1:00 – 1:45	<b>Expanding Surface Wasting Capacity for Managing Filamentous Bacteria</b> Mitch Bedford, HDR and Bruce Souder, City of Billings
1:45 – 2:30	<b>Overview and Comparison of Process Intensification Technologies</b> Kelsey Wagner and Scott Buecker, AE2S
2:30 – 3:15	<b>BREAK – Exhibitor Area</b>
3:15 – 4:00	<b>Town of Manhattan Water Resource Recovery Facility Upgrades and Process Optimization: Construction and Project Updates</b> Ryan Thompson and Kelsey Wagner, AE2S
4:00 – 4:45	<b>Biological Phosphorus Removal in a True Batch Sequencing Batch Reactor System</b> Manuel de los Santos, Aqua-Aerobic Systems, Inc.
4:45 – 5:30	<b>Following The Science - The Ashley Creek Use Attainability Analysis (UAA)</b> Rickey Schultz, Jr., HDR and Susie Turner, City of Kalispell

**Miscellaneous—Room location: TBD**

Moderator:

1:00 – 1:45	<b>UV Cost and Capacity Savings: How O&amp;M Improves Capital Planning Impacts and Resists Obsolescence</b> Luke Thompson and Cora Revis, HDR
1:45 – 2:30	<b>CWDBH Approach to Long-Term Asset Management</b> Mike Uthe, Mueller Water Products and Josh Simpson, Heights Water District
2:30 – 3:15	<b>BREAK – Exhibitor Area</b>
3:15 – 4:00	<b>Phosphorus Removal-Limits and Limitations</b> Patrick Ely, Nexom
4:00 – 4:45	<b>Advanced Power Generation, Paralleling, and Automatic Transfer Schemes for Enhanced Reliability</b> Adam Wahler, AE2S
4:45 – 5:30	<b>Modernizing SCADA in Remote Locations</b> Aaron Szalaj, Stanley Consultants

## 2025 MSAWWA-MWEA Conference Preliminary Agenda

Thursday April 24, 2025

### Morning Breakout Sessions

<b>Drinking Water Sessions—Room location: TBD</b>	
Moderator:	
8:30 – 9:15	<b>Lead Service Line Replacements and Funding</b> Greg Montgomery and Sandie Koenig, MT DEQ and Colin Zollinger, MT Dept of Commerce
9:15 – 10:00	<b>Dam Removal in the Rattlesnake Wilderness Montana</b> Triston Firth and Logan McInnis, City of Missoula
10:00 – 11:00	<b>BREAK – Exhibitor Area</b>
11:00 – 11:45	<b>History of Water Service Pipe Material</b> Whit Hall, REHAU
11:45 – 12:30	<b>How GC/CM Put the Squeeze on Cost and Risk for a WTP Dewatering Project</b> Nate Weisenburger, AE2S

<b>Wastewater Treatment Sessions—Room location: TBD</b>	
Moderator:	
8:30 – 9:15	<b>Startup and Optimization of Limit of Technology BNR-MBR</b> Scott Buecker, AE2S and Adam Rutz, Big Sky County WSD
9:15 – 10:00	<b>Upgrading Lagoon Based Treatment Systems to Meet More Stringent Limits for BOD, TSS and Nutrient Removal</b> Tom Birkeland, Lemna Environmental Technologies
10:00 – 11:00	<b>BREAK – Exhibitor Area</b>
11:00 – 11:45	<b>Cold Weather Nitrification in Lagoon Systems</b> Patrick Ely, Nexom
11:45 – 12:30	<b>A Recipe for Great Cake (BSB Solids Handling Upgrades)</b> Kevin Christofanelli and Cora Revis, HDR

**Miscellaneous—Room location: TBD**

Moderator:

8:30 – 9:15	<b>Which Modelling Software is Right for You (A Consultant's Perspective)</b> Trevor Datwyler, AE2S
9:15 – 10:00	<b>Navigating Infrastructure Improvements And The Post-Pandemic Labor Market</b> Craig Dickinson, USEMCO, Inc.
10:00 – 11:00	<b>BREAK – Exhibitor Area</b>
11:00 – 11:45	<b>A Systematic Review of Stormwater Best Management Practices for 6PPD-Quinone Mitigation</b> Emily Smith, GSI Environmental
11:45 – 12:30	<b>Revolutionizing Water Infrastructure by AI-Powered Risk Mitigation Planning</b> Bridget Garlinghouse, VODA.ai