



MWEA PRECONFERENCE

“Collection & Conveyance: Just FluSH IT”

Tuesday—April 25, 2023

7:00 am—5:00 pm Registration Desk Open

8:00 am—5:00 pm All Day Session including Lunch

5:00pm—6:30 pm Ice-Breaker—Beer & Wine and Appetizers

Preconference Session — Room location: tbd

Moderator: Jeremy Perlinski, Robert Peccia & Associates

8:00 – 8:45	Priming Your Project for DEQ Review of Collection Systems and Lift Stations Jenny Warren, MT DEQ
8:45 – 9:30	Collection System Asset Management in Montana tbd
9:30 – 9:45	BREAK
9:45 – 10:15	Collection System Planning: Davis Lane (Bozeman) John Alston, City of Bozeman
10:15 – 10:45	Westside Interceptor Project - Planning without Boundaries Ryan Mitchell, RPA & Susie Turner, City of Kalispell
10:45 – 11:00	BREAK
11:00 – 12:00	Rountable Discussion: Growth in Gallatin & Flathead Valleys John Alston, City of Bozeman; Tom Eastwood, Town of Belgrade and Four Corners; Craig Workman, City of Whitefish; Susie Turner, City of Kalispell; Julie Spencer, Town of Bigfork
12:00 – 1:00	Lunch (hosted)
1:00 – 1:45	Sewer Rehabilitation – What Are Our Options? Gina Barry, Great West Engineering
1:45 – 2:30	City of Billings 48" and 60" Interceptor Rehab Brad Heimbigner & Kurtis DeShaw, Morrison Maierle
2:30 – 2:45	BREAK
2:45 – 3:30	Lift Station Overview & Rehab Alternatives Matt Mudd, Great West Engineering
3:30 – 4:15	Glacier National Park Lift Station Rehab Anders Nord & Chance Maes, HDR Engineering
4:15– 4:30	BREAK
4:30 – 5:00	Odor Control Bill Flanagan, isiWest

MSAWWA-MWEA 2023 JOINT CONFERENCE
“Working Together To Protect Montana’s Water Resources”
Wednesday—April 26, 2023

- 7:00 am—8:00 am** **Early Morning Break (Exhibitor Area)**
- 7:00 am—5:00 pm** **Registration Desk Open**
- 8:00 am—11:45 am** **Morning General Session & Awards**
- 11:45 am —1:00 pm** **Lunch**
- 1:00 pm—5:30 pm** **Afternoon Concurrent Sessions**
- 5:30 pm—6:30 pm** **Beer & Wine Reception (Exhibitor Area)**
- 6:30 pm—8:30 pm** **Banquet & Awards**

Water For People Raffle Drawing

1st Prize: Winston Pure (light weight) 9’, 4 piece, 4 wt, Cigar Wood Handled Fly Rod and RX-2 Charcoal Reel. Valued at \$1550

Donated by Great West Engineering & R.L. Winston Rod Company

2nd Prize: \$200 cash prize

Scholarship Fund Raffle Drawing

Grand Prize: \$1000 Fairmont Hot Springs gift card

2nd Prize: \$300 Scheels gift card

3rd Prize: \$200 Amazon gift card
 Donated by: AE2S, Morrison Maierle, HDR, Great West, Yellowstone Waterworks & Robert Peccia & Associates

- 8:30 pm—10:00 pm** **Game Night!**

Morning General Session

Wednesday General Session— Room location:

Moderator: Keeley Barry, MSAWWA Chair and Barb Coffman, MWEA President

8:00 – 8:30	Welcome and Opening Session Keeley Barry, MSAWWA Chair and Barb Coffman, MWEA President J.P. Gallagher, Chief Executive of Butte-Silver Bow
8:30 – 9:30	AWWA & WEF Guest Speakers Ken Lykens, AWWA Water Utility Council Chair Stephen Sanders, WEF Trustee
9:30 – 9:45	BREAK – Exhibitor Area
9:45 – 10:15	History of Butte Water Shanna Adams, HDR Engineering & Jim Keenan, Butte-Silver Bow
10:15 – 11:00	
11:00 – 11:45	Awards followed by lunch in Exhibitor Area

Wednesday Afternoon Concurrent Sessions

Drinking Water Sessions—Room location: tbd	
Moderator: tbd	
1:00 – 1:45	How a Small Community Handles Large Water Infrastructure Projects – An East Helena Chronicle Kaela Murphy, Robert Peccia & Associates
1:45 – 2:30	Water Loss Reduction Techniques Mike Uthe, Mueller Water Products
2:30 – 3:15	BREAK – Exhibitor Area
3:15 – 4:00	PFAS: A One Water Contaminant Nate Weisenburger, AE2S
4:00 – 4:45	Water Treatment Process Optimization: A First Principles Approach Chance Collins, City of Bozeman
4:45 – 5:30	Complete Replacement of the Roundup Water System Greg Lukasik, Great West Engineering

Wastewater Treatment Sessions—Room location: tbd	
Moderator: tbd	
1:00 – 1:45	Sun Prairie Village WW System Upgrades Craig Nowak & Rika Lashley, Morrison Maierle
1:45 – 2:30	Biological Nutrient Removal with Membrane Bioreactors Scott Jungwirth, AE2S
2:30 – 3:15	BREAK – Exhibitor Area
3:15 – 4:00	Chenango, NY Selects Energy-Efficient Batch-Style MBR for Plant Consolidation Dave Holland, Aqua-Aerobic Systems
4:00 – 4:45	What's the Deal With Nutrients? Update on Nutrient Permitting in Montana Rika Lashley, Morrison Maierle
4:45 – 5:30	Ultrasonic Degassing of Residual Solids from a Dissolved Air Floatation Thickener for Increased Thickening in a Gravity Thickener Zach Frieling, AE2S

Miscellaneous—Room location: tbd	
Moderator: tbd	
1:00 – 1:45	Heat Trace & Control - A Vital Part of the Waste Water Treatment Ecosyste Nathan Ehresman, Thermon
1:45 – 2:30	“Almost Free” Solar Panels at the Missoula WWTP Ross Mollenhauer & Logan McInnis, City of Missoula; Matt Thompson, Ameresco
2:30 – 3:15	BREAK – Exhibitor Area
3:15 – 4:00	20 Years of Reuse in Big Sky, What Does the Next 20 Look Like? Scott Buecker & Alex Ciessau, AE2S; Ron Edwards, Big Sky County Water & Sewer District
4:00 – 4:45	Lessons Learned Building a Water Service Line Inventory Susan Fenhaus, Morrison Maierle
4:45 – 5:30	IOT Devices and Data Collection James Sletten, AE2S

MSAWWA-MWEA 2023 JOINT CONFERENCE

“Working Together To Protect Montana’s Water Resources”

Thursday—April 27, 2023

7:00 am—8:30 am	Early Morning Break (Exhibitor Area)
7:30 am—8:30 am	Joint MSAWWA-MWEA Membership Meeting and Election of Officers
7:30 am—10:00 am	Registration Desk Open
8:30 am—12:30 pm	Morning Concurrent Sessions
10:00 am—11:00 am	Mid-Morning Break—Operator Trivia Challenge & Best Tap Water Taste Test (Exhibitor Area)
12:30 pm—1:30 pm	Lunch & Prize Drawings—Must be present to win from a great selection of Exhibitor sponsored prizes!
1:30 pm—3:30 pm	Facility Tours: Basin Creek Water Treatment Plant & Butte-Silver Bow Metro & Sewer Treatment Plant

Thursday Morning Concurrent Sessions

Drinking Water Sessions—Room location: tbd

Moderator: tbd

8:30 – 9:15	Yellowstone River 2022 Flood – Successful Navigation of Source Water Extremes David Carlson, AE2S
9:15 – 10:00	Who's Lurking In Your Files? Jason Mercer, Morrison Maierle
10:00 – 11:00	BREAK – Exhibitor Area
11:00 – 11:45	Emerging Contaminants Elizabeth Henrickson,
11:45 – 12:30	

Wastewater Treatment Sessions—Room location: tbd

Moderator: tbd

8:30 – 9:15	Mammoth Hot Springs Temporary WWTP Jarrett Moran, HDR
9:15 – 10:00	Upgrading Montana's Lagoon Systems For More Efficient BOD, TSS and Nutrient Removal Tom Birkeland, Lemna Environmental Technologies
10:00 – 11:00	BREAK – Exhibitor Area
11:00 – 11:45	Wastewater and Carbon Nexuses: What Can We Do Beyond the Obvious Scott Buecker, AE2S
11:45 – 12:30	

Miscellaneous—Room location: tbd

Moderator: tbd

8:30 – 9:15	Climate Resiliency Planning: Case Study Whitefish MT Karin Hilding, City of Whitefish; Alyssa Hall, The Cadmus Group; Audrey Ramming, US EPA
9:15 – 10:00	Studying Ashley Creek to Understand Water Quality and Aquatic Life in Light of Stringent Nutrient Regulations Rickey Schultz, HDR Engineering
10:00 – 11:00	BREAK – Exhibitor Area
11:00 – 11:45	DEQ Technical Assistance Michael Kropp, MT DEQ PWS
11:45 – 12:30	