

MONTANA SECTION AMERICAN WATER WORKS ASSOCIATION

MONTANA WATER ENVIRONMENT ASSOCIATION

MSAWWA



MWEA

2023 JOINT CONFERENCE

April 25-27, 2023





A BIG Thank You to the following that have agreed to sponsors the 2023 Joint Conference:

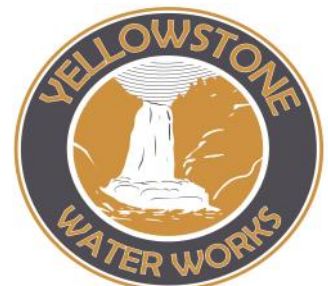
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*Welcome to the Joint
Conference!*



*96th Annual Meeting of the
Montana Section of the
American Water Works Association
& the
77th Annual Meeting of the
Montana Water Environment Association
April 25-27, 2023
Copper King Hotel & Convention Center
Butte, MT*

Thank you to all of the following for serving on the committees that make the Joint Conference possible:

Joint Host City Committee

Shanna Adams, Chair—HDR Engineering
Kayla Rosander—AE2S

David Carlson—AE2S

Joint Program Committee

Amy Deitchler, Chair—Great West Engineering
Michele Marsh—MT DEQ
Greg Lukasik—Great West Engineering
Jackie Kuhl—MT DEQ
Rickey Schultz—HDR
Eric Blanksma—Morrison Maierle

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Jeremy Perlinski—Robert Peccia & Assoc.
Austin Egan—Great West Engineering
Jason Mercer—Morrison Maierle
Karen Sanchez—The Cadmus Group
Barb Coffman—MRWS

MSAWWA Education Committee

Jeremy Perlinski, Chair—Robert Peccia & Assoc.
Jason Mercer—Morrison Maierle

Amy Deitchler—Great West Engineering
Danielle Erickson—HDR

2023 Joint Conference Participating Exhibitors

We appreciate the participation of these businesses at the 2023 Conference. They offer a variety of products and services of great value to the attendees. Their support of the conference helps to provide the Tuesday Night Ice Breaker, the Wednesday Social Hour and the prizes given away at the conference. Please stop by their booths in the Exhibitor Areas, check out their products and services, and let them know you appreciate their support! **Exhibitors—be sure to attend the Wednesday evening banquet to see who receives a free booth space at the 2024 Annual Conference. Must be present to win!**

Advanced Pump & Equipment, Inc.

Bryant Higgs
ap@advpump.com

AE2S, Inc.

David Carlson
David.carlson@ae2s.com

Aegion-Underground Solutions

Patrick Laidlaw
plaidlaw@aegion.com

Ambiente H2O, Inc.

Ben Lewis
blewis@ambienteH2o.com

APSCO, LLC

Joe Buckman
jbuckman@apsco-llc.com

Aqua Aerobic Systems, Inc.

Scott Kelly

CIP Construction Technologies

Jim Swain
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Cogent, Inc.

William Flanagan
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Coombs Hopkins

Scott Forsling
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Core & Main

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DSG Waterworks

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Josh Blount
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Evoqua

Bryce Possiel

Falcon Environmental Corporation

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Ferguson Waterworks

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Hobas Pipe USA, Inc.

Yvonne Green
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Hymax

Denny Setzer

IMEG Corp.

Mark Bellon
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Primex

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SWS Equipment, LLC

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WGM Group

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Wigen Water Technologies

Michael Bourke
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Xylem

Dalton Oyler
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Yellowstone Waterworks

Cavin Noddings
cavin@ywaterworks.com

You can also find the following booths in the Exhibitor Area—stop by for information on WEF or AWWA memberships.

WEF/MWEA
AWWA/MSAWWA





2022 Joint Conference events: Above left; City of Bozeman was once again the winner of the Best Tap Water Taste Test. Bozeman Water Department employees after their win. Above center: Lots of friendly competition and fun takes place at Game Night following the banquet! Above right; Operator Trivia winners represented by HDR, Great West and City of Billings. Some participants always seem to be on the winning team...Be sure to take part in the fun on Wednesday night and Thursday morning!

WATER FOR PEOPLE FLY ROD RAFFLE

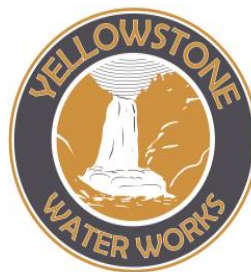
WFP is once again holding a raffle for a fly rod and reel combo donated by **Great West Engineering** and **R.L. Winston Rod Company**. **1st place prize** is a Winston Pure (light weight) 9', 4 piece, 4 wt, Cigar Wood Handled Fly Rod with an RX-2 Charcoal Reel, This combo is valued at \$1550. **Second place** is a \$200 cash prize.

The drawing will be held at the banquet on Wednesday evening. Be sure to get your tickets—they are \$20.00 each and can be purchased from one of the Water For People Committee members or at the registration desk.



MSAWWA-MWEA JOINT SCHOLARSHIP RAFFLE

This year the Joint Scholarship Committee is raffling 3 prizes; 1st price is a \$1500 gift certificate to Fairmont Hot Springs Resort, 2nd prize is \$300 Scheel's gift card; and 3rd prize is a \$200 Amazon gift card. These prizes were donated by **Morrison Maierle**, **Great West Engineering, Inc.**, **HDR Engineering**, **Yellowstone Waterworks** and **Robert Peccia & Assoc.** Tickets can be purchased from any Scholarship Committee member or at the registration desk. Tickets are \$5 each or 5 for \$20.



The Joint Scholarship Committee would like to thank **Montana Rural Water Systems** for again making a generous donation to the Donald Willems Scholarship fund to help fund scholarships and build the endowment.





MWEA PRECONFERENCE
“Collection & Conveyance: Just FluSH IT”
Tuesday—April 25, 2023

7:00 am—5:00 pm **Registration Desk Open** (Dwell Space)

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

5:00pm—6:30 pm **Ice-Breaker—Beer & Wine and Appetizers** (Exhibitor Area/King Ballroom)

Preconference Session — Room location: Copper III

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 Bozeman—Transparent, Defensible & Repeatable Lance Lehigh, City of Bozeman & Trevor Datwyler, AE2S.
9:30 – 9:45	BREAK
9:45 – 10:15	Collection System Planning: Davis Lane (Bozeman) Coralynn Revis, HDR Engineering & 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; Craig Workman, City of Whitefish; Susie Turner, City of Kalispell; Julie Spencer, Town of Bigfork
12:00 – 1:00	Lunch (hosted): Copper IV & V
1:00 – 1:45	Sewer Rehabilitation – What Are Our Options? Great West Engineering
1:45 – 2:30	City of Bilings 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, HDR Engineering
4:15– 4:30	BREAK
4:30 – 5:00	Odor Control Bill Flanagan, Cogent Companies

THANK YOU TO THE SPONSORS OF THE TUESDAY EVENING ICE BREAKER:
SILVER SPONSORS: HOBAS PIPE, USA. INC.
Coombs Hopkins Co.



MSAWWA-MWEA 2023 JOINT CONFERENCE

“Working Together To Protect Montana’s Water Resources”

~Overview~

Wednesday—April 26, 2023

- 7:00 am—5:00 pm** **Registration Desk Open** (Dwell Space)
- 8:00 am—11:45 am** **Morning General Session & Awards** (Copper Rooms)
- 11:45 am —1:00 pm** **Lunch** (Exhibitor Area/King Ballroom)
- 1:00 pm—5:30 pm** **Afternoon Concurrent Sessions** (see breakout schedule)
- 5:30 pm—6:30 pm** **Social Hour—Beer & Wine Reception** (Exhibitor Area/King Ballroom)
- 6:30 pm—8:30 pm** **Banquet & Awards** (Exhibitor Area/King Ballroom)
- 8:30 pm—10:00 pm** **Game Night!** (North Foyer) Come and play some fun games and network with your colleagues. There will be great prizes for the winners!

Morning General Session

Wednesday General Session— Room location: Copper Rooms

Moderators: 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	City of Bozeman Growth Shanna Adams, HDR Engineering & Jim Keenan, Butte-Silver Bow
10:15 – 11:00	Hot Topics & Updates from Washington, D.C. Ken Lykens, AWWA Water Utility Council Chair
11:00 – 11:45	Awards MSAWWA-MWEA Donald G. Willems Scholarship Presented by—Greg Lukasik, Joint Scholarship Committee Chair ♦MWEA Small Systems Presented by—Jeremy Perlinski, MWEA Honors & Awards Chair ♦MWEA Operator of the Year Presented by—Jeremy Perlinski, MWEA Honors & Awards Chair ♦MWEA Stockholm Junior Water Prize Presented by—Kristi Kline, SJWP Committee Chair ♦Early Bird Registration Prize Presented by—Barb Coffman, MWEA President
11:45 – 1:00	Lunch—Exhibitor Area/King Ballroom

THANK YOU TO THE SPONSORS OF WEDNESDAY LUNCH:
BRONZE SPONSORS: WGM GROUP
APSCO, LLC

Wednesday—April 26, 2023
Afternoon Concurrent Sessions

Drinking Water Sessions—Room location: Copper I & II Moderator: Matt Mudd, Great West Engineering	
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: Copper III Moderator: Jeremy Perlinski, Robert Peccia & Associates	
1:00 – 1:45	Upgrading Montana's Lagoon Systems For More Efficient BOD, TSS and Nutrient Removal Tom Birkeland, Lemna Environmental Technologies
1:45 – 2:30	Biological Nutrient Removal with Membrane Bioreactors Scott Buecker, 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: Copper IV & V Moderator: Eric Blanksma, Morrison Maierle	
1:00 – 1:45	Heat Trace & Control - A Vital Part of the Waste Water Treatment Ecosystem 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 & Jordan Sykes, AE2S; Ron Edwards, Big Sky County Water & Sewer
4:00 – 4:45	Lessons Learned Building a Water Service Line Inventory Susan Fenhaus, Morrison Maierle
4:45 – 5:30	IIOT Devices and Data Collection James Sletten, AE2S

Wednesday—April 26, 2023

Wednesday Evening Events

5:30 pm—6:30 pm

Hosted Beer & Wine Reception

Location: Exhibitor Area/King Ballroom

THANK YOU TO THE SPONSORS OF THE WEDNESDAY SOCIAL HOUR:

GOLD SPONSORS: HDR ENGINEERING

MORRISON MAIERLE

AE2S

SILVER SPONSORS: DN TANKS

Xylem

Water & Environmental Technologies

CORE & MAIN

GOBLE SAMPSON

VTSCADA BY TRIHEDRAL

6:30 pm—8:30 pm

Banquet & Awards

Location: Exhibitor Area/King Ballroom

Moderators: Keeley Barry, MSAWWA Chair

Barb Coffman, MWEA President

THANK YOU TO THE SPONSORS OF THE BANQUET:

GOLD SPONSORS: MORRISON MAIERLE

AE2S

HDR Engineering

VTSCADA BY TRIHEDRA

Goble Sampson

Core & Main

Awards: ♦WEF George W. Burke, Jr. Safety Award

Presented by—Stephen Sanders, WEF Trustee

♦AWWA Fuller Award

Presented by—Ken Lykens, AWWA Water Utility Council Chair

♦MSAWWA-MWEA Todd Teegarden Excellence in Leadership & Community Advocacy Award

Presented by—Jeremy Perlinski, Joint Awards Committee Chair

♦MSAWWA-MWEA Lifetime Achievement Award

Presented by—Jeremy Perlinski, Joint Awards Committee Chair

Water For People Raffle Drawings—Carrie Gardner, WFP Committee Chair

1st Prize: Winston Pure (light weight) 9', 4 piece, 4 wt, Cigar Wood Handled Fly Rod with an RX-2 Charcoal Reel valued at \$1550. Donated by: **Great West Engineering & R.L. Winston Rod Co.**

2nd Prize: \$200 cash

MSAWWA-MWEA Scholarship Raffle Drawings—Greg Lukasik, Joint Scholarship Committee Chair

1st Prize: \$1000 Fairmont Hot Springs gift card

2nd Prize: \$300 Scheel's gift card

3rd Prize: \$200 Amazon gift card

Donated by: Morrison Maierle, HDR Engineering, Great West Engineering, Yellowstone Waterworks, Robert Peccia & Associates & Montana Rural Water Systems

Exhibitor Free Booth Drawing for 2024 Conference—Barb Coffman, MWEA President

One free booth will be given away for the 2024 conference in Missoula. Must be present to win!

Prize drawing—Carrie Gardner, MSAWWA Chair

One name will be drawn for a great prize—just for attending the banquet! Must be present to win!

8:30 pm—Game Night! (North Foyer)

~Have some fun and win some prizes!



MSAWWA-MWEA 2023 JOINT CONFERENCE

“Working Together To Protect Montana’s Water Resources”

~Overview~

Thursday—April 27, 2023

- | | |
|---------------------------|--|
| 7:30 am—8:30 am | Joint MSAWWA-MWEA Membership Meeting & Election of Officers (Copper I & II) <i>Show up to the Annual Membership Meeting and get entered for a prize drawing—You must come to the meeting to enter!</i> |
| 7:30 am—10:00 am | Registration Desk Open (Dwell Space) |
| 8:30 am—12:30 pm | Morning Concurrent Sessions (see breakout schedule) |
| 10:00 am —11:00 am | Operator Trivia Challenge & Best Tap Water Taste Test (Exhibitor Area)
<i>Bring your team for trivia! Water samples must be dropped at registration desk Wednesday by 5 pm—see additional rules below.</i> |
| 12:30 pm—1:30 pm | Lunch & Prize Drawings (Exhibitor Area/King Ballroom)
Must be present to win! |
| 1:30 pm—3:30 pm | Facility Tours (maps available at registration desk) |

Come and join the fun during the Thursday morning break!

Operator Trivia Challenge and the Best Tap Water Taste Test will take place in the Exhibitor Area
Pub-style Operator Trivia Challenge—Bring your team of 4-5 to the Exhibitor Area during the Thursday morning break to challenge friends, competitors, and coworkers in a pub style trivia wager of wits. There will be a prize for members of the winning team!

Rules:

- Teams will be made of 4-5 members.
- Answers will be provided to each team by moderator
- No electronic devices or any type of outside sources are allowed. Teams that are reported using any outside devices will be disqualified.

Best Tap Water Taste Test Challenge—The challenge is on! City of Bozeman was once again the big winner at the 2022 Conference. Here is your chance to steal the show and take home the honors! We will be leaving it to the judges to crown an official winner of the 8th Annual ***Best Tap Water Taste Test Competition***. Bring your community pride and come support your city! The Taste Test Challenge will take place in the Exhibitor Area during the Thursday morning break. The winning system will compete at the national level at ACE23 in June.

Rules:

- Participant must not have incurred any state or federal drinking water violations (MCL, monitoring, recordkeeping, etc.) during the previous 12 months.
- **Samples should be brought in glass containers with the name of the water system clearly identified and delivered to Robin Matthews-Barnes at the registration desk by 5 pm on Wednesday.** Please deliver at least 1/2 gallon of water total (can be in multiple containers).
- Samples will be served at room temperature to help the judges better assess each sample.
- The official judging panel will be a mix of people in attendance at the conference.
- Samples will be judged on a 10-point scale from Good (1) to Best (10).
- Scores will be tabulated and the winner will be announced immediately following the contest. The winning sample will be entered in the national contest at ACE in June in Toronto, Canada. Either you or a section representative will need to be present for the national competition--in the event your system wins and you cannot make it to the national competition—please see John Alston. AWWA's national competition requires that participants have had no violations during the calendar year prior to the competition.

Thursday—April 27, 2023
Morning Concurrent Sessions

Drinking Water Sessions—Room location: Copper I & II Moderator: Susan Fenhaus, Morrison Maierle	
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	TBD
11:45 – 12:30	PAX Water Tank Mixer Bill Flanagan, Cogent Companies

Wastewater Treatment Sessions—Room location: Copper III Moderator: Kris Bosch, Great West Engineering	
8:30 – 9:15	Lagoon Based Ammonia Reduction in Montana Patrick Ely, Nexom
9:15 – 10:00	Sun Prairie Village WW System Upgrades Craig Nowak & Rika Lashley, Morrison Maierle
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	Mammoth Hot Springs Temporary WWTP Jarrett Moran, HDR

Miscellaneous—Room location: Copper IV & V Moderator: tbd	
8:30 – 9:15	Studying Ashley Creek to Understand Water Quality and Aquatic Life in Light of Stringent Nutrient Regulations Rickey Schultz, HDR Engineering
9:15 – 10:00	Floodplain Basics & Floodplain Permitting for Infrastructure Projects Jonathan Weaver, Great West Engineering
10:00 – 11:00	BREAK – Exhibitor Area
11:00 – 11:45	DEQ Technical Assistance Michael Kropp, MT DEQ PWS
11:45 – 12:30	Phosphorous and Metals Reduction with Reactive Sand Filtration Patrick Ely, Nexom

Thursday Afternoon Events

Be sure to turn in your completed Committee Sign-Up Sheet, Exhibitor Booth Visit Form, and your name tags to be eligible for the drawings held during lunch!

12:30 pm—1:30 pm

Lunch & Prize Drawings

Location: Exhibitor Area/King Ballroom

Moderators: Keeley Barry, MSAWWA Chair
Barb Coffman, MWEA President

♦Introduction of new MWEA President & MSAWWA Chair and presentation of service awards

♦Prize drawings—*Must be present to win!*

**THANK YOU TO THE SPONSORS OF THURSDAY LUNCH:
BRONZE SPONSORS: YELLOWSTONE WATERWORKS**

1:30 pm—3:30 pm

Basin Creek Water Plant Tour

Butte-Silver Bow Metro Sewer Plant Tour

****You must sign in at the facility to receive CEC credits****
(maps available at registration desk)

Thank You for attending the 2023 Joint Conference

We hope to see you next spring in Missoula!

~Your 2022-2023 MWEA and MSAWWA Boards of Directors~

Committee Meetings & Sign Up

Committee Chairs who would like to hold a committee meeting during the conference should contact the registration desk to arrange for an announcement of the meeting. PLEASE ask about serving on a committee—it may not be as much work as you think, and it is more rewarding than you expect. **IF YOU ARE CURRENTLY SERVING ON A COMMITTEE & WISH TO CONTINUE ON THAT COMMITTEE, PLEASE RE-SIGN UP FOR THE 2023-2024 YEAR.** You will not automatically be placed back on the committee. Please use the yellow form in your registration packet and do not forget to turn it in at the registration desk to be eligible for a prize drawing at the lunch on Thursday! Below is a list of committees you can choose from (descriptions of the committees are on the yellow sign up sheets):

<u>MSAWWA-MWEA Joint Committees</u>	<u>MSAWWA Committees</u>	<u>MWEA Committees</u>
Cross Connection Control	Awards	Beneficial Reuse
Exhibitors	Education	Education
Host City	Legislative	Grants for Teachers
Information Management	Membership	Honors & Awards
Lifetime Achievement & Teegarden Award	Water For People	Long Range Planning
Program		Membership
Public Outreach		Pretreatment
Scholarship		Stockholm Junior Water Prize
Student & Young Professionals		Stormwater

Montana Water Environment Association

The Montana Water Environment Association was formed in 1944 as the Montana Pollution Control Association. It was associated at that time with the Federation of Sewage Works Association, which soon became the Water Pollution Control Federation (WPCF). When the WPCF changed its name to Water Environment Federation, the Montana section changed its name to Montana Water Environment Association to reflect that continued partnership.

The Association has approximately 123 members scattered across the state, and the membership includes operators, consulting engineers and local, state and federal water officials.

MWEA offers public education to adults and children in the community through such training events as Water Festivals and Infrastructure Financing Conferences. In addition, the Association conducts emergency response training events in several of Montana's largest communities.



MWEA Board of Directors 2022-2023

Dave Aune
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Bruce Souder
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Neil DeZort
Past President
Rickey Schultz
Senior Trustee

Barb Coffman
President
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Junior Trustee

Collette Anderson
President Elect
Rika Lashley
Sec./Treas.

MWEA Welcomes Stephen Sanders ~ 2022-2023 WEF Trustee



Stephen Sanders is a 2022-23 member of the WEF Board of Trustees and the director and head trainer of the Environmental Training Center at SUNY-Morrisville College in New York. The center provides precertification training for wastewater and drinking water operators, as well as for New York State Department of Conservation regulators. He has been training operators for more than 10 years and has grown the program to the largest of its kind in New York state. He is a dedicated water professional, certified as a licensed wastewater and drinking water operator and certified instructor for New York state. He has more than 20 years of experience in the field from the private, public and not-for-profit sectors.

Stephen has served on the initial WEF diversity, equity and inclusion task force and subsequent committee, as well as the WEFTEC Advisory Board. He helped establish his member association's (the New York Water Environment Association) DE&I committee and served as its first chairperson. He also serves on New York state's Operator Certification

Governance Council, New York Section AWWA Board of Governors, and as the chair for NYSAWWA Operators committee.



MWEA AWARDS

Each year MWEA presents a national WEF award and MWEA awards. This year MWEA will present the WEF George W. Burke, Jr. Safety Award and the MWEA Small Systems and Operator of the Year Awards. Other awards which are given on a rotating schedule include the WEF Arthur Sidney Bedell and William D. Hatfield Awards and the MWEA Beneficial Reuse Awards.

WEF George W. Burke, Jr. Safety Award—The award recognizes a municipal or industrial wastewater facility for establishing and maintaining an active and effective safety program. This award was established in 1982 in honor of **George W. Burke, Jr.**, for his many years of service to both the water environment field and WEF as staff manager of technical services. Mr. Burke was instrumental in developing WEF's annual safety survey and assisting in the production of several safety training aids and promotional packets. The purpose of this award is to encourage an active and effective safety program in municipal and industrial wastewater facilities.

Past George W. Burke, Jr. Safety Awardees

WEOS/Great Fall WWTP—1992	Veolia Water N.A/GF WWTP—2008
City of Billings WWTP—1995	Veolia Water N.A/GF WWTP—2011
Lakeside County W&S District—1998	Veolia Water N.A/GF WWTP—2014
City of Bozeman—2001	Veolia Water N.A/GF WWTP—2017
Veolia Water N.A/GF WWTP—2004	Veolia Water N.A/GF WWTP—2020

Past Arthur Sidney Bedell Awardees

Herbert Foote—1950	Donald G. Willems—1973	Barry Damschen—1991	Dave Aune—2010
Fred F. Palmer—1953	John Spindler—1976	Scott Anderson—1994	Paul LaVigne—2013
Rodney Praetor—1956	John C. Voeker—1979	Bill Bahr—1997	Dan Harmon—2016
Irving J. Staid—1959	Kenneth Johnston—1982	Karen Bucklin-Sanchez—2000	Dana Audet—2019
C.W. Brink—1962	Willis J. Wetstein—1985	Mike Jacobson—2003	Terry Campbell—2022
John B. Haven—1970	Joseph Steiner—1988	Scott Murphy—2006	

Past William D. Hatfield Awardees

Leonard Opperud—1962	Verle R. Olsen—1981	Joanne Hall Emrick—1999	Rodney Lance—2018
Frank Taylor—1966	David F. Brown—1984	Tom Piercy—2002	No award presented—2021
Carl H. Larson, Jr.—1969	Kristi Kline—1987	Starr Sullivan—2005	
Robert A. Haverfield—1972	Tim Hunter—1990	Allen Kelm—2009	
Leroy Lucker—1975	Leland Leivo—1993	Dana Audet—2012	
William Pasco—1978	Wayne Robbins—1996	Ron Edwards—2015	

MWEA Small Systems Award

MWEA selects a small community wastewater facility that is exceptionally well run and maintained to honor each year. The facility and staff usually meet high standards for the following criteria: Treatment efficiency, economy, performance, innovation and advancement of treatment technology. Good record-keeping, public relations, public education, financial solvency, safety and O&M programs. Additionally, these facilities have good relationships with community administration and provide community contributions.

Ekalaka—1992	Stockett—2000	Lake McDonald—2008	Glasgow—2016
Corvallis—1993	Three Forks—2001	Superior—2009	Boulder—2017
Deer Lodge—1994	Lincoln—2002	Libby—2010	Deer Lodge—2018
Harlem—1995	Ronan—2003	Columbia Falls—2011	St. Regis Sewer District—2019
Whitehall—1996	Reed Point Co. W&S—2004	Roberts W&S—2012	City of Townsend—2022
Amsterdam-Churchill—1997	Roundup—2005	Conrad—2013	
Yellow Bay—1998	Cascade—2006	Manhattan—2014	
Forsyth—1999	Valier—2007	Chinook—2015	

MWEA Operator of the Year Awardees

Raymond Armstrong—1984	Dana Audet—2005	Rodney Lance—2020
Michael Garrity—1987	Gene Connell—2005	
Fred Wendt—1990	Don Clark—2008	
Tim Hunter—1993	Thomas J. Adams—2011	
David Haverfield—1996	Curt Konecky—2014	
Starr Sullivan—1999	No award presented—2017	

MWEA AWARDS Continued

MWEA Beneficial Reuse Award

The MWEA Beneficial Reuse Committee, in an effort to promote water resource recovery in Montana, selects a community or facility best demonstrating this practice including but not limited to methane gas, effluent reuse and biosolids.

Bigfork Water & Sewer—1996	City of Missoula—2003	City of Hamilton—2012
Glacier Gold Composting—1997	Eko Compost—2003	City of Missoula—2015
City of Hamilton—1997	City of Kalispell—2006	No award presented—2018
City of Helena—1998	Glacier Gold Composting—2006	No award presented—2021
City of Bozeman—1999	City of Helena—2006	
City of Lewistown—2000	Big Sky County Water—2009	

Stockholm Junior Water Prize

MWEA promotes the WEF-SJWP competition by sponsorship of a state winner and their science teacher to the national competition. The state winner is selected from Montana's regional and state science fairs.

Alexander Antonelli, Butte—2001	Allison Stringer, Missoula—2009	Ella DeGrandpre, Missoula—2017
Zachary Benson, Colstrip—2002	Adair Borger, Billings—2010	Lucas Ritzdorf, Glacier—2018
Alexandra Antonelli, Butte—2003 National Finalist	Miranda Tornatore & Markie Kindred, Missoula—2011	Lily Hanson, Baker—2019
Joseph Pudelka, Eureka—2004	Emilee Williams & Caroline Blacketer, Missoula—2012	Lucas Ritzdorf, Glacier—2020
Cherry Tomscheck, Sunburst—2005	Triston Isakson, Fairfield—2013	Jasper Thomas, Hellgate—2021
Emily Munday, Butte—2006	Brenna DeMarios, Missoula—2014	Keanu Ng, Flathead—2022
Brittany Blair & Valeska Schairer, Sunburst—2007	Brenna DeMarios, Missoula—2015	
Caitlin Brown & Stephanie Cabrera, Sunburst—2008	Brenna DeMarios, Missoula—2016	

MSAWWA—MWEA JOINT AWARDS

Todd Teegarden Excellence in Leadership & Community Advocacy Award

MWEA and MSAWWA named this award to honor Todd Teegarden for his many years of dedicated service and support to community water and wastewater systems throughout Montana. Todd's leadership and mentoring skills along with his innate ability to advocate on behalf of water and wastewater systems to boards, councils, organizations, agencies, legislatures, and his peers fostered many partnerships. Countless Montana communities benefitted from Todd's skills, abilities, attributes, and dedication with new, updated or improved infrastructure, equipment, training and personnel to protect the environment and provide clean drinking water for years to come.

Paul Lavigne—2020
Mark Smith—2020
Karen Sanchez—2022

MSAWWA/MWEA Lifetime Achievement Award

In 2000, MSAWWA and MWEA jointly presented the first annual Lifetime Achievement Awards. The intent of the award is to recognize past or present members who have made significant contributions of importance to protection of public health, the water industry and the water environment. The award is limited to those who have completed their careers, are retired, semi-retired, deceased, or are otherwise no longer actively developing their professional careers.

Arthur Clarkson—2000	Irv Hansen—2008	Warren Jones—2013	Steve Ruhd—2018
John Morrison—2000	Ray Wadsworth—2009	J. Thomas Adams—2014	Todd Teegarden-2018 (posth)
Dr. Robert Sanks—2000	Dr. Martha Anne Dow-2009 (posth)	Tim Hunter—2014	Herb Bartle—2019
Donald Willems-2000 (posth)	Gary Pippin—2010	Wayne Robbins—2015	Paul LaVigne—2019
Kenny Johnston—2002	Bill Leonard—2010	Bill Enright—2016	Dan Fraser—2020
Dick Montgomery—2004	Gerry Lukasik—2011	Bill Bahr—2016	Dave Aune—2020
Willis Wetstein—2005	Joni Emrick—2011	Jim Melstad—2017	Gary Swanson—2022
Doris Roberts—2006	Timothy Berry—2012	Mike Rubich—2017	Bob Morrison—2022

MSAWWA/MWEA Donald G. Willems Scholarship

The Montana Section of the American Water Works Association and the Montana Water Environment Association named this scholarship to honor Donald G. Willems for his many years of dedicated service to the State of Montana, its environment and its people. To carry on Don's belief in the youth of Montana, the Donald G. Willems Scholarship is awarded annually to one or two deserving college students whose coursework leads to employment in the water or wastewater fields.

William Walter—1988	Kevin Colburn—2000	Shaylene Pidelaue—2008	William Najjar—2018
Tony Reed—1989	Brenda Jo Luse—2000	Chauncey Means—2009	Luke Thompson—2019
Arthur Riedinger—1990	Elsa Meiser—2001	Sean Patrick Sullivan—2009	Abigail Northrup—2019
Barbara Coffman—1991	Kristin Van Andel—2001	Johnathan Leiman—2010	Kaely Langton—2019
Rhonda Knudsen—1992	Gregory Morgan—2002	Molly Smith—2011	Tucker Bowman—2020
Mark Severson—1993	Kimberly Slack—2002	Stephen Markwardt—2012	Caleb Lockyer—2020
Denver Fraser—1994	Alex Barkmeyer—2003	Timothy Kienitz—2012	Cameron McCarty—2020
Jeanine Carmody—1995	Misty Hirsch—2003	Andrew Olson—2013	Molly Schmidt—2021
Christopher Veis—1996	Dan Hoffman—2004	Elizabeth Adams—2014	Tasnim Ritu—2022
Judel Buls—1997	Izaak Fox—2004	Kayla Bayer—2015	
Elsa Emilie Meiser—1997	Mahammad Rahman—2005	McKenzie Joseph—2016	
Autumn Bahr—1998	John Weikel—2006	Emma Raeside—2017	
Barbara Woodbury—1998	Cameron Clark—2007	Bradley Jones—2017	

Montana Section of the American Water Works Association

The American Water Works Association is the largest professional water organization in the world. Total membership now exceeds 50,000 persons worldwide.

The Montana Section is one of the oldest and one of the smallest of the 43 sections of American Water Works Association. The Montana Section of AWWA was formed in 1926 and has been actively involved in Montana's water industry ever since. Total membership is currently 232.

All activities of the Montana Section AWWA rely totally on the efforts and dedication of an active volunteer network, supported by a part-time contracted Executive Secretary. With the large geographic area covered by Montana and the wide distribution of water industry professionals within that area, our effectiveness depends on overcoming both spatial separation and the large diversity of needs presented by our membership.

The Montana Section of the American Water Works Association is dedicated to the promotion of public health and welfare in the provision of drinking water of unquestionable quality and sufficient quantity. The Montana Section of AWWA provides the forum and opportunity through which its membership can exchange information, learn of new issues and technologies, educate the public and enhance the professionalism of workers in all areas of the water industry.



Montana Section

American Water Works Association

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MSAWWA Welcomes Ken Lykens ~ AWWA Water Utility Council Chair



Ken Lykens is the General Manager of the Meridian Metropolitan District and is responsible for all infrastructure needs including drinking water, wastewater, reclaimed water, and stormwater. Mr. Lykens has 30 years of experience in infrastructure engineering, from planning through design and construction. His experience consists of leading multi-disciplinary teams to plan, design, permit, and deliver complex infrastructure and natural resource projects. Specific experience includes: utility operations and maintenance, contract management, facility construction and upgrades, asset management, data management, rate setting, and consensus building. Experience also includes working extensively with regulatory agencies at every level of government on a wide variety of regulatory compliance issues. Mr. Lykens has prepared and delivered hundreds of presentations to boards, elected and appointed officials, executives, senior management teams, trade organizations/associations, public interest groups, regulatory agencies, and the media.

Ken is a Professional Engineer with experience working for public utilities (large and small) and engineering consulting firms. He is a Board Member for the Water Infrastructure and Supply Efficiency (WISE) project and is the Vice Chair of the AWWA Water Utility Council (WUC).

Ken received a B.S. degree in Chemical Engineering from the Colorado School of Mines and a M.S degree in Finance from Denver University.

MSAWWA AWARDS

AWWA George W. Fuller Award

The George Warren Fuller Award is conferred on one member in each AWWA section per year. It is awarded for distinguished service in the water supply field and in commemoration of the sound engineering skill, the brilliant diplomatic talent and the constructive leadership of persons in the Association that have characterized the life of George W. Fuller.

E.R. Waldo—1960	Leroy Lucker—1978	Hugh Wilkins—1993	Barbara Coffman—2008
S.R. Young—1961	Willis Wetstein—1979	Lyle Meeks—1994	Joseph Steiner—2009
Art Johnson—1962	John Spindler—1980	Jim Melstad—1995	Scott Murphy—2010
E. R. Dodge—1963	Ken Johnston—1981	Steve Ruhd—1996	John Alston—2011
Art Clarkson—1964	Miles Tuttle—1982	Charles Johnson—1997	Arvid "Butch" Hiller—2012
John Morrison—1967	Ken Beven—1983	Al Towlerton—1998	Logan McInnis—2013
John Voekler—1968	Dick Nisbet—1984	Henry Elbrecht—1999	Nancy Cormier—2014
Roman Fargo—1969	Mike Thomas—1985	Terry Richmond—2000	Nate Weisenburger—2015
Wayne Young—1971	Appiah Amirtharajah—1986	Dean Chausee—2001	Carl Anderson—2016
Del Brick—1972	Dan Fraser—1987	Shelley Nolan—2002	Greg Lukasik—2017
Donald Willems—1973	Tim Berry—1988	John Campbell—2003	Jeff Ashley—2018
Fred Taylor—1974	Bob Millions—1989	Karen Bucklin Sanchez—2004	Craig Nowak—2019
Ralph Dunahoo—1975	Mike Patterson—1990	Jerry Burns—2005	No award presented—2020
Roger Pierce—1976	Donna Jensen—1991	Bob Morrison—2006	Jeff Jensen—2021
Robert Sanks—1977	Gerry Lukasik—1992	John Camden—2007	

AWWA Operator's Meritorious Service Award

The AWWA Operator's Meritorious Service Award is given annually to an operator making consistent and outstanding contributions in the water treatment or water distribution field. The award recognizes special performance in system operation, maintenance, operator training, and dedication to the public beyond normal job responsibilities.

Hugh Wilkins—1985	Esther Nelson—1991	Brian Roark—1999	Robert Cottom—2007	Mike Rubich—2015
Leonard Willett—1986	Jim Tillo—1993	Dick Hoehne—2000	Scott Decker—2008	
Robert Kruse—1987	Stuart Cooper—1993	John Campbell—2001	Tony Maxwell—2009	
Mike Patterson—1988	Tim Farwick—1994	Vince Chappell—2002	Jeffrey Harker—2010	
Dave Schneider—1989	David Wyrick—1995	Bobby Broadway—2003	Roger Butler—2011	
Jim Hendricks—1990	Art Adamson—1996	Kevin Severe—2004	Mike Ogle—2012	
Stan Nelson—1990	Ed Murgel—1997	Darrell Keys—2005	Ron Shorter—2013	
Mike Hagel—1991	Lyle Maasch—1998	Mike Wade—2006	Brad Hafar—2014	

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