

MONTANA SECTION AMERICAN WATER WORKS ASSOCIATION

MONTANA WATER ENVIRONMENT ASSOCIATION



# Working Together to Protect Montana's Water Resources

April 23-25, 2024







A **BIG Thank You** to the following that have agreed to sponsor the 2024 Joint Conference

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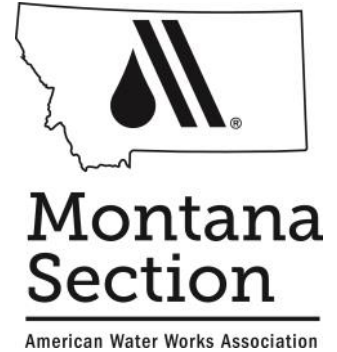


**BUILT FOR THE FUTURE**





*Welcome to the Joint Conference!*



*97th Annual Meeting of the  
Montana Section of the  
American Water Works Association  
& the  
78th Annual Meeting of the  
Montana Water Environment Association*

*April 23-25, 2024  
Hilton Garden Inn  
Missoula, MT*

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

**Joint Host City Committee**

Ross Mollenhauer, Chair—Missoula Water  
Chris Kelly—HDR  
Adam Marsh, Missoula Water

Logan McInnis—Missoula Water  
Andy Schultz—Missoula Water  
Jeff Moss—Conсор

**Joint Program Committee**

Amy Deitchler, Chair—Great West Engineering  
Michele Marsh—MT DEQ  
Greg Lukasik—Great West Engineering  
Jackie Kuhl—MT DEQ  
Nick Pericich—City of Bozeman  
Eric Blanksma—Morrison Maierle  
Eleanor Goins—MT DEQ

Carrie Gardner—Great West Engineering  
Jeremy Perlinski—Robert Peccia & Assoc.  
Kris Bosch—Great West Engineering  
Jason Mercer—Morrison Maierle  
Karen Sanchez—The Cadmus Group  
Jeff Ashley—Morrison Maierle  
Jessica Eaton—Robert Peccia & Assoc.

**MSAWWA Education (Preconference) Committee**

Ben Rigby, Co-Chair—MT DEQ  
Arash Mozaffari Co-Chair—MSU Grad Student

Carrie Gardner, Great West Engineering  
Brian Mills—Rocky Mountain Operations

## 2024 Joint Conference Participating Exhibitors

We appreciate the participation of these companies at the 2024 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 2025 Annual Conference. Must be present to win!**

### **Advanced Pump & Equipment, Inc.**

Bryant Higgs  
ap@advpump.com

### **AE2S, Inc.**

David Carlson  
David.carlson@ae2s.com

### **Ambiente H2O, Inc.**

Ben Lewis  
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### **APSCO, LLC**

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### **AST**

Garrett Kenney

### **Aqua Aerobic Systems, Inc.**

Brett Quimby

### **CIP Construction Technologies**

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### **Cleanwater1**

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### **Cogent, Inc.**

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### **Coombs Hopkins**

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### **Core & Main**

George Whittaker  
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### **DN Tanks**

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### **Ductile Iron Pipe Research Assoc.**

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### **Esmil Corp.**

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### **Frank J. Martin**

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### **IMEG Corp.**

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### **Kubota**

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### **M.E.T Automation & Controls**

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### **Morrison Maierle**

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### **Mueller Water Products**

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### **Nexon**

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### **Northwest Pipe Fittings, Inc.**

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### **Nuvoda, LLC**

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### **Orenco Systems**

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### **Preload, Inc.**

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### **Prospect Construction, Inc.**

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### **PumpTech**

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### **SWS Equipment, LLC**

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### **Underground Solutions**

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### **Water & Environmental Technologies**

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### **WGM Group**

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### **Wigen Water Technologies**

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### **Xerxes**

Darrin Tremain  
darrin.tremain@mattr.com

### **Yellowstone Waterworks**

Cavin Noddings  
cavin@ywaterworks.com

## **THANK YOU!**

**Core & Main, HDR, AE2S, Morrison Maierle Great West Engineering** for supplying registration items

**SWS Equipment** for supplying a prize for drawing on Thursday.

## **S&YP Poster Competition**

Be sure to check out the posters that will be competing for the **2024 Fresh Ideas Poster Competition**. This is an annual competition that the Joint Students and Young Professionals Committee has organized—the winner will be announced at the banquet on Wednesday evening. The winner will be offered the chance to compete at the national S&YP competition at ACE24 in June in Anaheim, CA. and receives free ACE registration and travel expenses to go and represent Montana at the national level. The poster presentations will take place between 2:30 and 4:00 in the Rotunda. Please feel free to attend.



## 2024 Fresh Ideas SYP Poster Competition Presentations

Wednesday—April 24, 2024

**Room location: Rotunda (2:30pm to 4:00pm, on-going during and after the afternoon break)**

Moderators: Alex Ciessau & Nina Denny, Joint SYP Chairs

All are welcome	Presenter	Presentation
2:30 - 2:45	Arash Mozaffari	Piloting Treatment Wetland Technology from Raw Wastewater to Effluent Polishing Applications
2:45 - 3:00	Caroline Martin	Framework for Assessing the Vulnerability of Drinking Water Treatment Plants to Wildfire
3:00 - 3:15	Jack Heneghan	Characterization of Dissolved Organic Matter Leached from Wildfire Ash: Implications for Drinking Water
3:15 - 3:30	Lura Johnson	Micropollutant Removal in a Two-Stage Vertical Flow Treatment Wetland
3:30 - 3:45	Mrittika Hasan Redela	Effects of Wildfire Ash and Laboratory Produced Ash Particles on Source Water Quality and Treatability
3:45 - 4:00	Samanthi Wijerathna	Assessing Wildfire Impacts on Drinking Water Treatment Systems: A Case Study of Eugen Water & Electric Board After the 2020 Holiday Farm Fire

### 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 Air-2 - 9'0", 4-weight, 4 piece, Cigar/Burled, Wood Handle Fly Rod with a RX-2 Green Reel. The retail value is approx. \$1,800.

**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 \$900 gift certificate to Quinn's Hot Springs Resort, 2nd prize is \$300 Bob Wards gift card; and 3rd prize is a \$100 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.





## MSAWWA PRECONFERENCE

**“At The Cross Roads of Clean Water: Managing Forever Chemicals, Cyanotoxins, and Unregulated Contaminants in Water & Wastewater”**

**Tuesday—April 23, 2024**

- 7:00 am—5:00 pm** Registration Desk Open (Rotunda)
- 8:00 am—5:00 pm** All Day Session including Lunch (Rooms A-B-C)
- 5:00pm—6:30 pm** Ice-Breaker—Beer & Wine and Appetizers (Exhibitor Area)

**Preconference Session — Room location: A-B-C**

Moderator: Ben Rigby, City of Helena

8:00 – 8:15	<b>Preconference Welcome &amp; Overview</b>
8:15 – 9:00	<b>PFAS in Drinking Water (current regulatory status, occurrence, sources and related supply chain impacts, legal settlement update, etc.)</b> Tim Stefanich, AE2S
9:00 – 9:15	<b>BREAK</b>
9:15 – 10:15	<b>MT’s PFAS Action Plan and Workgroup</b> Abbie Ebbert, MT DEQ
10:15 – 10:30	<b>BREAK</b>
10:30 – 11:15	<b>Post-fire Impacts on Source Water Quality and Drinking Water Treatment</b> Amanda Hohner, MSU Civil Engineering Dept.
11:15 – 12:00	<b>PFAS and Biosolids: Where Do We Appear to be Headed?</b> Scott Buecker, AE2S
12:00 – 1:15	<b>Lunch (hosted):</b> Location: E-F-G
1:15 – 2:00	<b>Advanced Treatment - Biological and Oxidation Processes</b> David Carlson, AE2S
2:00– 2:45	<b>RO and Media for PFAS Removal</b> Bill Flanagan, Cogent Companies
2:45 – 3:00	<b>BREAK</b>
3:00 – 4:00	<b>Membrane Considerations for Cold Water Applications</b> Abigail Antolovich, Wigen Water Technologies
4:00– 4:15	<b>BREAK</b>
4:15 – 4:45	<b>The Future Regulatory Landscape: Insight from AWWA Fly In</b> Nate Weisenburger, AE2S
4:45 – 5:00	Open Floor—Questions for all presenters

**THANK YOU TO THE SPONSORS OF THE TUESDAY EVENING ICE BREAKER:  
SILVER SPONSORS: COOMBS HOPKINS, XYLEM, HOBAS**



**MSAWWA-MWEA 2024 JOINT CONFERENCE**  
*“Working Together To Protect Montana’s Water Resources”*  
 ~Overview~

**Wednesday—April 24, 2024**

- 6:30 am—7:30 am**      **Rise N Shine! Early morning enthusiasts gather to run to Water Works Hill** (meet at front of hotel lobby at 6:30 am to carpool)
- 7:00 am—5:00 pm**      **Registration Desk Open** (Rotunda)
- 8:00 am—11:45 am**    **Morning General Session & Awards** (Rooms E-F-G)
- 11:45 am —1:00 pm**    **Lunch** (Buffet style in Exhibitor Area)
- 1:00 pm—5:30 pm**      **Afternoon Concurrent Sessions** (see breakout schedule)
- 2:30 pm—3:15 pm**      **Afternoon Break**  
**Exhibitor Session**—(Room D) To obtain CECs for Exhibitor Hall visit (0.05) you must be in attendance  
**SYP Poster Presentations**—(Rotunda) see schedule Page 3 (On-going during and after break). All are welcome to attend
- 5:30 pm—6:30 pm**      **Social Hour—Beer & Wine Reception** (Exhibitor Area)
- 6:30 pm—8:30 pm**      **Banquet & Awards** (Rooms A-B-C)
- 8:30 pm—10:00 pm**    **Game Night!** (Rooms E-F) 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: E-F-G**

Moderators: Jason Fladland, MSAWWA Chair and Collette Anderson , MWEA President

8:00 – 8:15	<b>Welcome and Opening Session</b> Collette Anderson, MWEA President and Jason Fladland, MSAWWA Chair Andrea Davis, Mayor of Missoula
8:15 – 9:00	<b>AWWA &amp; WEF Guest Speakers</b> Jon Eaton, AWWA Secretary/Treasurer Janet Hurley Cann, WEF Trustee
9:00 – 10:00	<b>Energy Keepers, the SKQ Project and Flathead Lake Operations</b> Energy Keepers, Inc.
10:00 – 10:30	<b>BREAK – Exhibitor Area</b>
10:30 – 11:00	<b>MSAWWA &amp; MWEA Committee Presentations</b> Committee Chairs
11:00 – 11:45	<b>Awards</b> <b>MSAWWA-MWEA Donald G. Willems Scholarship</b> Presented by—Jackie Kuhl, Joint Scholarship Committee Chair <b>◆MWEA Small Systems</b> Presented by—Jeremy Perlinski, MWEA Honors & Awards Chair <b>◆MWEA Beneficial Reuse</b> Presented by—Jeremy Perlinski, MWEA Honors & Awards Chair <b>◆MWEA Stockholm Junior Water Prize</b> Presented by—Kristi Kline, SJWP Committee Chair <b>◆Early Bird Registration Prize</b> Presented by—Collette Anderson, MWEA President
11:45 – 1:00	<b>Lunch</b> —Location: Buffet style in Exhibitor Area

**THANK YOU TO THE SPONSORS OF WEDNESDAY LUNCH:**  
**BRONZE SPONSORS:**  
**Yellowstone Waterworks, Northwest Pipe & DN Tanks**

**Wednesday—April 24, 2024**  
**Afternoon Concurrent Sessions**

<b>Drinking Water Sessions—Room location: E</b> Moderator: Greg Lukasik, Great West Engineering	
1:00 – 1:45	<b>Well...It Depends</b> Jenifer Ramsey, Montana DEQ
1:45 – 2:30	<b>You're Adding What to our Water? - A Lewistown Water System Dilemma</b> Jeremy Perlinski, Robert Peccia & Associates
2:30 – 3:15	<b>BREAK – Rotunda &amp; Room D (for Exhibitor Hall credit)</b> <b>Exhibitor Session (Room D)</b> To obtain CECs for Exhibitor Hall visit (0.05) you must be in attendance <b>SYP Poster Presentations (Rotunda)</b> See schedule on page 3 (On-going during and after break). All are welcome to attend.
3:15 – 4:00	<b>Addressing Water Supply Needs in a Fast-growing Washington Mountain Town with Limited Resources</b> Jeff Moss, Consor
4:00 – 4:45	<b>Water Loss Reduction - A Case Study</b> Mike Uthe, Mueller Water Products
4:45 – 5:30	<b>The Proposed Lead &amp; Copper Rule Improvements Rule (LCRI) —Do You Know Where Your Lead Is?</b> Tim Stefanich, AE2S

<b>Wastewater Treatment Sessions—Room location: F</b> Moderator: Kris Bosch, Great West Engineering	
1:00 – 1:45	<b>Proactive PFAS Management for Wastewater Utilities</b> Coralynn Revis and Dave Clark, HDR Engineering
1:45 – 2:30	<b>Nutrient Rulemaking and the City of Kalispell: A Case Study on Interpretation, Impacts and Investment</b> Rickey Schultz, HDR Engineering
2:30 – 3:15	<b>BREAK – Rotunda &amp; Room D (for Exhibitor Hall credit)</b> <b>Exhibitor Session (Room D)</b> To obtain CECs for Exhibitor Hall visit (0.05) you must be in attendance <b>SYP Poster Presentations (Rotunda)</b> See schedule on page 3 (On-going during and after break). All are welcome to attend.
3:15 – 4:00	<b>A Case Study For Implementation Of A Collection &amp; Treatment System For An Un-Sewered Municipality</b> Carrie Gardner & Paul Karcher, Great West Engineering
4:00 – 4:45	<b>From Trial To Full Scale: How Rigby, ID WWTP Intensified Treatment and Achieved Cold Water Nitrification</b> Erik Anderson, Nuvoda, LLC
4:45 – 5:30	<b>Alternatives for Emergency Pumping at Wastewater Pumping Stations</b> Ed Perrey, Gorman-Rupp Pumps

<b>Miscellaneous—Room location: G</b> Moderator: Eric Blanksma, Morrison Maierle	
1:00 – 1:45	<b>Electrical Distribution Systems Hardening and Security for Water/Wastewater Facilities</b> Terry Stulc, HDR Engineering
1:45 – 2:30	<b>Comprehensive Asset Management and Financial Planning</b> Aidan Scheffel, AE2S
2:30 – 3:15	<b>BREAK – Rotunda &amp; Room D (for Exhibitor Hall credit)</b> <b>Exhibitor Session (Room D)</b> To obtain CECs for Exhibitor Hall visit (0.05) you must be in attendance <b>SYP Poster Presentations (Rotunda)</b> See schedule on page 3 (On-going during and after break). All are welcome to attend.
3:15 – 4:00	<b>Managing Large Scale Construction Projects in Montana—Rocky Boy's WTP &amp; Big Sky WRRF</b> David Carlson, AE2S
4:00 – 4:45	<b>Lime Sludge Dewatering With Esmil Multi Roller JD Press</b> Randy Burns, Esmil Corp
4:45 – 5:30	<b>Unveiling the Science of Polymer Activation: Exploring the Benefits Through Applications</b> Haley Goddard, Cleanwater1



**Wednesday—April 24, 2024**

**Wednesday Evening Events**

**5:30 pm—6:30 pm**

**Hosted Beer & Wine Reception**

**Location: Exhibitor Area**

**THANK YOU TO THE SPONSORS OF THE WEDNESDAY SOCIAL HOUR BANQUET:  
GOLD SPONSORS:**



**6:30 pm—8:30 pm**

**Banquet & Awards**

**Location: A-B-C**

**Moderators:** Jason Fladland, MSAWWA Chair  
Collette Anderson MWEA President

**Awards: ♦ WEF William D. Hatfield Award**

Presented by—Janet Hurley Cann, WEF Trustee

**♦ AWWA Fuller Award**

Presented by—Jon Eaton, AWWA Treasurer

**♦ 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 Air-2 - 9'0", 4-weight, 4 piece, Cigar/Burled, Wood Handle Fly Rod with a RX-2 Green Reel. The retail value is approx. \$1,800.

Donated by: **Great West Engineering & R.L. Winston Rod Co.**

2nd Prize: \$200 cash

**MSAWWA-MWEA Scholarship Raffle Drawings**—Jackie Kuhl, Joint Scholarship Committee Chair

1st Prize: \$900 Quinn's Hot Springs gift card

2nd Prize: \$300 Bob Wards gift card

3rd Prize: \$100 Amazon gift card

*Donated by: Morrison Maierle, HDR Engineering, Great West Engineering, Yellowstone Waterworks, Robert Peccia & Associates*

**Exhibitor Free Booth Drawing for 2024 Conference**—Collette Anderson, MWEA President

*One free booth will be given away for the 2025 conference in Billings. Must be present to win!*

**Prize drawing**—Jason Fladland, 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!** (Location: E-F)

**Have some fun and win some prizes!**





## MSAWWA-MWEA 2024 JOINT CONFERENCE

*“Working Together To Protect Montana’s Water Resources”*

~Overview~

**Thursday—April 25, 2024**

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

### **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 2024 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 9th 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 ACE24 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 Anaheim, CA. 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 Carrie Gardner, MSAWWA Director. AWWA's national competition requires that participants have had no violations during the calendar year prior to the competition.



**Thursday—April 25, 2024**  
**Morning Concurrent Sessions**

<b>Drinking Water Sessions—Room location: E</b> Moderator: Jeff Ashley, Morrison Maierle	
8:30 – 9:15	<b>Lead and Copper Improvements and Funding for Lead Service Line Replacement</b> Greg Montgomery, MT DEQ
9:15 – 10:00	<b>North Central Regional Water System Case Study</b> Nate Weisenburger, AE2S
10:00 – 11:00	<b>BREAK – Exhibitor Area</b>
11:00 – 11:45	<b>Membrane Considerations for Cold Water Applications</b> Abigail Antolovich, Wigen Water Technologies
11:45 – 12:30	<b>Pumping Basics</b> Bill Flanagan, Cogent Company

<b>Wastewater Treatment Sessions—Room location: F</b> Moderator: Michele Marsh, MT DEQ	
8:30 – 9:15	<b>Montanan’s Have Grit—But Digesters Shouldn’t</b> Rika Lashley & Ben Watson, Morrison Maierle
9:15 – 10:00	<b>Phosphorous Removal-Options and Limitations</b> Patrick Ely, Nexom
10:00 – 11:00	<b>BREAK – Exhibitor Area</b>
11:00 – 11:45	<b>Achieving Cold Weather Biological Nutrient Removal with Aerobic Granular Sludge</b> Brett Quimby, Aqua-Aerobic Systems
11:45 – 12:30	<b>Solving Infiltration and Corrosion Problems in Sewer Structures</b> Justin Cook, CIP Construction Technologies

<b>Miscellaneous—Room location: G</b> Moderator: Jackie Kuhl, MT DEQ	
8:30 – 9:15	<b>Telemetry/SCADA—SCADA 101, The Good, Bad &amp; the Ugly</b> Terry Stulc, HDR Engineering
9:15 – 10:00	<b>Stormwater, Sanitation Review of Subdivisions</b> Charles Freshman, MT DEQ
10:00 – 11:00	<b>BREAK – Exhibitor Area</b>
11:00 – 11:45	<b>SCADA Systems Becoming Obsolete Faster Than Ever</b> Aaron Szalaj, Stanley Consultants
11:45 – 12:30	<b>Diffused Aeration 101</b> 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:** A-B-C  
**Moderators:** Jason Fladland, MSAWWA Chair  
Collette Anderson, 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 SPONSOR: WGM GROUP**

- 1:30 pm—3:30 pm**      **Facility Tours**  
**\*\*You must sign in at location to receive CEC credits\*\***  
**City of Missoula Resource Recovery Facility Tour (go to facility on own)**  
**Missoula Water Leakage Detection Demonstration (meet in Hilton hotel lobby for directions)**

*Thank You for attending the 2024 Joint Conference*  
*We hope to see you next spring in Billings!*  
*~Your 2023-2024 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 2024-2025 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 & Tood Teegarden Excellence in Leadership & Community Advocacy 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 135 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 2023-2024

**Scott Buecker**  
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## MWEA Welcomes Janet Hurley Cann ~ 2023-2024 WEF Trustee



**Janet Hurley Cann, P.E.**, is a member of the 2023-24 Board of Trustees for the Water Environment Federation (WEF), an international organization of water quality professionals headquartered in Alexandria, Va.

Janet brings extensive experience to her role as the Asset Engineering Manager for the Collection and Distribution Department of Spartanburg Water, a combined commission of public works and special purpose district providing water and wastewater services in Upstate South Carolina. She began her career in the environmental field more than 35 years ago as a regulator at the South Carolina Department of Health and Environmental Control (SCDHEC), before beginning her employment with the Spartanburg Sanitary Sewer District in the late 1980's.

After retiring from Spartanburg Water in 2015, Janet continued to work as a consultant for an Upstate engineering firm, until lured back to public service, returning to Spartanburg Water as Asset Engineering Manager for the collection and distribution systems rehabilitation program. Through the course of her career, she has managed a variety of projects, including collection system expansion, pump station and treatment plant construction and upgrades, the development of the District's first collection hydraulic model, and now the rehabilitation of both the distribution and collection systems.

Janet is in fact a second generation WEF member – her father, Noel Hurley, represented the Water Environment Association of South Carolina (WEASC) as Director, a forerunner to the Delegate, in the late 1980s. She has been a member of the WEASC since 1985 and WEF since 1987.

Janet has held many leadership roles, including service on numerous WEASC committees such as the Association Secretary from 1987 to 2003, as President from 2009-2010, and WEF Delegate from 2010-2013. She has participated on several WEF Committees and served WEF as Speaker of the House of Delegates from 2013-2014, Treatment Community of Practice Director from 2015-2017, and Vice Chair and Chair of the Committee Leadership Council from 2017-2021.

Janet is a native of South Carolina, currently residing in Spartanburg, SC, with her husband and two children. She received her Bachelor's Degree in Civil Engineering from Clemson University and Master's Degree in Civil Engineering from the University of South Carolina. She is a licensed engineer and biological wastewater operator trainee in the state of South Carolina.



### MWEA AWARDS

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

**WEF William D. Hatfield Award**—The **Hatfield Award** is presented to operators of wastewater treatment plants for outstanding performance and professionalism. The award was established in honor of **Dr. William D. Hatfield**, Superintendent of the Decatur, Illinois Sanitary District, who was President of the Central States Sewage Works Association in 1944-45 and served as President of the Federation in 1958-59.

### **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	

### **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 George W. Burke, Jr. Safety Awardees**

WEOS/Great Fall WWTP—1992	Veolia Water N.A/GF WWTP—2008	Veolia Water N.A/GF WWTP-2023
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	

### **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	City of Thompson Falls—2023
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	Adam Rutz—2023
Fred Wendt—1990	Don Clark—2008	Joseph Fayden—2023
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	Grace Wandler, Hellgate—2023
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	Anna Miller—2023
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	Terry Campbell—2023
John Morrison—2000	Ray Wadsworth—2009	J. Thomas Adams—2014	Todd Teegarden-2018 (posth)	Nancy Cormier—2023
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 Pidelae—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	Mohammad Mozaffari—2023
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 230.

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

### **MSAWWA Board of Directors 2023-2024**

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*Vice-Chair*

## **MSAWWA Welcomes Jon Eaton ~ AWWA 2020-2024 Treasurer**



**Jon Eaton** is the Superintendent of Utilities for the City of Eagan, the ninth largest city in Minnesota. He manages the water, sanitary, and storm systems, and cellular leasing.

Prior to Eagan, Jon was the Water Quality Supervisor for the City of Bloomington, Minnesota and managed water production and treatment, wholesale water purchases, distribution water quality, and the William Lloyd / Tri-City Analytical Laboratory.

Jon graduated with a Bachelor of Chemistry from the Institute of Technology at the University of Minnesota Twin Cities Campus.

Jon has been a member of AWWA for over 25 years, is an AWWA Utility Member, Research Foundation subscriber, and a Water Equation and Water For People supporter. He has significant experience at the Association and Section levels, and was honored with AWWA's George Warren Fuller Award in 2008 and the Minnesota Section's Leonard N. Thompson Award for Distinguished Service in 2013.

Jon has traveled to Africa and Central America to help villages address water supply and distribution issues, manage and participate in public infrastructure projects, and assist with education and medical services.

Jon lives near Minneapolis, Minnesota with his wife Robin, a registered nurse, and has two daughters, Aimee, a licensed school counselor and Rachel, a research analyst/data scientist.

## **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 Towleron—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	Carrie Gardner—2023

### **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	



**Thank You to all of the Exhibitors participating at the 2024 Conference!**

