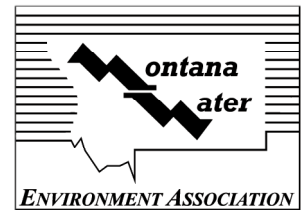




MSAWWA and MWEA
“Water Sustainability”
66th MWEA Meeting & 85th MSAWWA Meeting
MSAWWA/MWEA Annual Joint Conference
May 4 - 6, 2010 in Kalispell, Montana



MSAWWA PRECONFERENCE THEME: “Sustainability of Montana’s Water Resources”

An Invitation to the Conference from our MWEA & MSAWWA Chairs

Greetings fellow water & wastewater professionals! On behalf of the MSAWWA & MWEA boards, we would like to extend this invitation to join us at the upcoming MSAWWA/MWEA Annual Joint Conference being held in Kalispell. The Conference returns to the beautiful Flathead Valley after being away for more than a decade. Nancy Bruner & the Host City Committee have found a wonderful facility to host our annual event, organized some great social activities & landed some top-notch entertainment for our banquet. We have made changes to the days of the Conference (Tuesday thru Thursday) & to the program itself in order to try & improve the quality of the Conference.

Our Conference continues to grow & get better every year & this will be no exception to that trend. This year’s Conference theme is “Water Sustainability” which will highlight some emerging topics in the water & wastewater industry in Montana. Tentatively, there are presentations planned for the Pre-Conference & Conference to address nutrient issues, water conservation, energy efficiency, water rights & other sustainability topics. We feel this is going to be one of the best Conferences we have had & look forward to seeing you there.

- Jeremy Perlinski, MWEA President & Cavin Noddings, MSAWWA Chair

Welcome to Kalispell from the Host City Committee

Welcome to Kalispell from the Host City Committee. We are excited to host this year’s conference & hope you will take the time to enjoy some of the great sites & amenities that Northwest Montana has to offer.

There are several attractions within Kalispell & the surrounding area that you will enjoy. Tours of the Conrad Mansion are given throughout the day & the Hockaday Art Museum is open to guests as well. For those who would like to drive a few miles, the towns of Bigfork & Whitefish, each just a short 15 minute drive away, offer shopping, museums, art galleries, theatres, & other amenities that will not disappoint. Although the rivers this time of year can be a bit rough, there are opportunities to take a raft trip down either the main stem of the Flathead, or the Middle & North Forks. If you like looking at large concrete structures, the 540-foot tall Hungry Horse Dam is only a 30-minute drive away, & Libby Dam is about 1-1/2 hours to the west. Both are well worth the trip. There are no shortage of golf courses in the valley, with courses that will cater to any handicap or skill level. If you are interested in some adult beverages, Whitefish, Kalispell, Lakeside & Bigfork all offer local breweries to taste the best local beer the valley has to offer. Site-seeing opportunities abound in the Flathead, with great views from Whitefish Mountain Resort, Flathead Lake, & just about any road you drive on. Of course, the most popular attraction in the area is Glacier National Park. Although the Going-to-the-Sun Road is not open to the top of Logan Pass, you can still get to Lake McDonald Lodge & beyond to Avalanche Creek to take in some of the best hiking, biking, & site-seeing opportunities in the world. You will be able to see why Glacier is known as the “crown jewel” of the Rocky Mountains.

- William Buxton, Chair MSAWWA/MWEA Host City Committee

Visiting Dignitaries to Bring News from AWWA and WEF

DEE BENNET is a candidate for Vice-President of AWWA. Bennett joined AWWA in 1992 & has held the positions of trustee, secretary & section chair. She’s served on numerous section committees as well. An engineering operations manager for the City of Columbia, SC., Dee says her most rewarding experience with AWWA was initiating a Legacy of Learning scholarship campaign that raised more than \$500,000.00 to establish an endowment for environmental education scholarships. She is currently serving her second term on the Water Utility Council & is the council & Executive Committee liaison to the SC Environmental Certification Board. She is a member of the AWWA Section Education Award Committee.

LESLIE SAMEL is a 2009-2010 member of the WEF Board of Trustees. She is currently Client Service Manager & Principal at Camp Dresser & McKee (CDM) in Jacksonville, FL. In that role, Leslie oversees & manages upgrade & expansion projects for water & wastewater treatment facilities in the southeastern United

Visiting Dignitaries to Bring News from AWWA and WEF Continued:

LESLIE SAMEL CONT: States. Prior to her current position, Leslie worked as a part-time wastewater compliance inspector/engineer with the Florida Department of Environmental Protection (FDEP). Leslie has been a WEF member since 1999 & past Chair of the Students & Young Professionals Committee (S&YP). Leslie was part of the inaugural Student Design Competition representing the University of Florida in 2000 & has since helped organize this event at WEFTEC each year. Leslie also served on the House of Delegates as a Delegate-at-Large. In addition, Leslie has served on the Program Committee's Utility Management Symposium.

A 2005 recipient of WEF's Outstanding Young Professional Award, Leslie received a B.S. in Environmental Engineering & a Masters of Engineering in Environmental Engineering from the University of Florida in Gainesville. She is a certified Professional Engineer in North Carolina, Florida & Georgia.

MSAWWA Preconference - Preliminary Overview of Agenda Sustainability of Montana's Water Resources

Tuesday, May 4, 2010

8:00 a.m. - 5:00 p.m.

Lunch on your own

The MSAWWA Education Committee's theme for this year's preconference is "Sustainability of Montana's Water Resources". There are many, many elements that affect the sustainability of our water resources. Some of which we can control and others we cannot. Elements of sustainability to be touched on at this preconference will include water conservation, water rights, energy efficiency of water and wastewater systems, leak detection and water audits, the impacts of climate change on water supplies, organic loading, and much much more. For more information on the Preconference, contact MSAWWA's Education Committee chair Logan McInnis at Mountain Water Company at (406)523-5082. Also, watch the MSAWWA website for the complete preconference agenda.

5:00 - 6:30 p.m. Ice Breaker hosted by Vendors

MSAWWA/MWEA 2010 Joint Conference - Preliminary Agenda "Water Sustainability"

Wednesday, May 5, 2010

7:00 am - 5:00 pm Registration Desk Open - Foyer of Conference Hall, Kalispell Hiton Garden Inn

General Session

8:00 - 8:30 am Welcome and Opening Session
Introduction of AWWA & WEF Guests -
Cavin Noddings, MSAWWA Chair & Jeremy Perlinski, MWEA President
Welcome Address - Tami Fisher, Mayor of Kalispell
8:30 - 9:45 am Guest Speakers - TBA
9:45 - 10:15 am BREAK - Exhibitors Expo
10:15 - 11:30 am Tri-State Water Quality Council Presentation - Diane Williams (tentative)
11:30am - 1:00 pm **BUFFET LUNCH**

Drawing: Early Bird Prize - those registrations postmarked by April 15th
Awards: MSAWWA/MWEA Scholarship, MWEA Small Systems, AWWA Operator's Meritorious Service, Stockholm Jr. Water Prize

Afternoon Concurrent Sessions

Water Sessions

1:00 - 1:45 pm Coagulation Assisted Pressurized Microfiltration Membranes for TOC Removal-Joseph Tardio, Pall
1:45-2:30 pm Musselshell-Judith Rural Water System-Project Update - Bob Church/Matt Harris, Great West Engineering
2:30 - 3:00 pm BREAK - Exhibitors Expo
3:00 - 3:45 pm Maji ni Uhai: Water is Life - Bev Young, USDA Forest Service
3:45 - 4:30 pm Maximizing Energy Efficiency in Water Treatment - Tina Whitfield, HDR, Inc.
4:30 - 5:15 pm Tri-State Water Quality Council Presentation - Diane Williams

Wednesday, May 5, 2010 - Afternoon Concurrent Sessions Continued

Wastewater Sessions

- 1:00 - 1:45 pm Numeric Nutrient Standards: Implementing SB 95-Mike Suplee, MT DEQ
1:45 - 2:30 Creative Solutions to Nutrient Challenges in the Prickly Pear Watershed-Sean Everett, HDR, Inc.
2:30 - 3:00 BREAK - Exhibitors Expo
3:00 - 3:45 Implementation of a Membrane Bioreactor Facility in MT-Jeff Ashley, Morrison-Maierle, Inc.
3:45 - 4:30 Using pH & ORP to Optimize Phased Nitrification-Denitrification-Tom Adams, City of Bozeman
4:30 - 5:15 Water Reuse & the Coeur d'Alene Phosphorus Pilot Project - Dan Harmon, HDR, Inc.

Multiple Topic Sessions

- 1:00 - 1:45 pm Wastewater Forcemain Assessment - Judel Buls, AE2S
1:45 - 2:30 MT WARN: An Update - Mike Jacobson, City of Great Falls
2:30 - 3:00 BREAK - Exhibitors Expo
3:00 - 3:45 I & C Sustainability: Avoiding Obsolescence - Jason Sanden, AE2S
3:45 - 4:30 The "Water People" in South Africa - Joni Emrick, City of Kalispell
4:30 - 5:15 Risk Management in the Treatment Plant: Safety Considerations & Implementation of Green Technology-Shawna Gill, GillTrading
5:15 - 6:30 pm Hosted Beer & Wine Bar

AWARDS BANQUET & ENTERTAINMENT

6:30 p.m. Dinner & Awards:

AWWA Fuller Award, WEF Sidney Arthur Bedell Award &
MSAWWA/MWEA Lifetime Achievement

Water For People Fly Rod & Reel Raffle Drawing & Silent Auction Items Dispersed
Exhibitor Drawing for Free Booth at 2011 Conference - Must Be Present to Win

8:30-10:00 p.m. - **Sit back & enjoy the music of Rob Quist**

Thursday, May 6, 2010

- 7:00 - 8:30 am Joint MSAWWA/MWEA Membership Meeting
8:00 - 10:00 am Late Registration

Water Sessions

- 8:45 - 9:30am Invasive Species: Threat to Montana's Water - Erik Hanson, MT Dept of Agriculture
9:30 - 10:15 am Improving Options for Rehabilitating Pressure Pipe: City of Helena Slipline Case Study-Ryan Leland, City of Helena & Patrick Laidlaw, Underground Solutions
10:15-10:45 am Break - Exhibitors Expo
10:45 - 11:30 am Mountain Water Company: Utilizing Modern Technology for the Utilities Underground Location Center-Meade Maleki, Spatial Wave
11:30 - 12:15 pm Cross Connection Control Program in Bozeman, MT - John Alston, City of Bozeman

Wastewater Sessions

- 8:45 - 9:30 am Missoula WWTP Odor Characterization Study-Craig Henrikson, Morrison-Maierle, Inc.
9:30 - 10:15 am Phosphorus Recovery for Beneficial Reuse & Load Reduction-Coralynn Revis, HDR, Inc.
10:15 - 10:45 am BREAK - Exhibitors Expo
10:45 - 11:30 am What's Killing My Bugs? - Travis Meyer, Morrison-Maierle, Inc.
11:30 - 12:15 pm Kalispell BNR Expansion - Joni Emrick, City of Kalispell & Craig Caprara, HDR, Inc.

Multiple Topic Sessions

- 8:45 - 9:30 am Enhanced Nitrogen Compound Removal in Cold Climate Wastewater Lagoons-Kraig Johnson, WCS, Inc.
9:30 - 10:15 am Maximizing Performance of Wastewater Lagoons - James Martin, Lemna Technologies
10:15 - 10:45 am BREAK - Exhibitors Expo
10:45 - 11:30 am UV Treatment: Opportunities & Challenges - Ken Kershner, Aquionics, Inc.
11:30 - 12:15 pm Heat Recovery & Reuse - Jason Benson, AE2S

LUNCH & PRIZES

- 12:15 - 1:30 pm BUFFET LUNCH, Introduction of New MWEA President & MSAWWA Chair, Vendor Prize Drawings
Recognition: Committees
1:30 - 3:30 WWTP and Water Facility Tours (4 possible sites to visit - TBA)

If you are going on a tour, you MUST sign in at the tour site to receive credit.

REGISTRATION INFORMATION: We hope that the new website is up & running at the time of this mailing, or shortly thereafter. Same location, www.montana-awwa.org, new look. It will contain on-line conference registration. You will not be able to pay on-line, however, you can complete the form & print it out to mail in with your payment. Please do not hesitate to contact Nancy with any questions. Total CECs for the conference will be posted on the website once approval is obtained from DEQ.

WATER FOR PEOPLE CONTINUES SILENT AUCTION & RAFFLE

Water For People Silent Auction will once again be held during the conference. If you would like to donate items to the WFP Silent Auction please contact John Camden at (406)457-9096 or email at jcamden50@bresnan.net. Bring your auction items (large or small - all items are appreciated) to the registration desk by 12:00 p.m. Tuesday, May 4th. Then join in the fun & bid on WFP Silent Auction items during the preconference & conference. All proceeds go towards supporting WFP projects in Malawii & Honduras. WFP is also hosting a raffle of a Winston 5Wt Boron IIX Fly Rod with Ross #2 Evolution Reel that is valued at \$995.00. These items were donated by Great West Engineering, R.L. Winston Rod Co. & Montana Fly Goods. The tickets are \$10.00 each & may be purchased at the Conference, or by contacting Bob Church at 406-449-8627. The drawing will be held at the Banquet on May 5th.

ENTERTAINMENT: ROB QUIST is a native Montanan residing in the Kalispell area, & is recognized as one of the best songwriters of the West. He has many accolades to his name. As a recording artist, he has traveled the world entertaining many. If you have seen him perform, you will know that this show can't be missed. If you have not gotten to opportunity to watch a performance, you are in for a real treat & won't want to miss it. It doesn't get any better than this!

MSAWWA/MWEA
885 Berland Loop
Conrad, MT 59425

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