



2012 MSAWWA-MWEA Annual Joint Conference
“Working Together To Protect Montana’s Water Resources”
87th Meeting of the Montana Section of the American Water Works Association
68th Meeting of the Montana Water Environment Association
May 1—3, 2012 in Billings, Montana

MSAWWA PRECONFERENCE THEME: “Cross Connection Control”

An Invitation to the Conference from your MSAWWA Chair and MWEA President

The Boards of the Montana Section of the American Water Works Association and the Montana Water Environment Association thank you again for your continued membership and involvement in our organizations. We hope you will consider attending this year’s joint conference on May 1, 2 and 3, 2012 at the Holiday Inn Grand in Billings. This year’s conference theme is **“Working Together to Protect Montana’s Water Resources”** and the theme for the preconference on May 1 is **“Cross Connection Control”**. As always, we will offer presentations covering an extremely wide variety of topics of interest to municipalities, utilities, consultants, regulators and vendors. We think our conference provides the best value around for your training dollars and our Host City committee is committed to making the conference an incredibly fun experience as well. The Annual Conference is the highlight activity for our organizations. It provides both training and networking opportunities to our members, as well as the revenue needed to sustain our operations, support scholarships and promote water quality issues. On behalf of the Boards and organizing committees, we hope that you will join us in Billings for another quality event.

• **Logan McInnis, MSAWWA Chair & Terry Campbell, MWEA President**

Welcome to Billings from the Host City Committee

Welcome to Billings and the Joint Conference of the MSAWWA and MWEA. We know this conference will be informative and full of valuable information for you as you continue to grow in your water and wastewater career. In addition to the conference, the Billings area has so much offer for everyone. Whether you are an outdoor enthusiast, dedicated shopper, or history buff, this City has something for you. If you like to play, you’re sure to enjoy Billings’ playgrounds. From the Rimrocks to the free-flowing Yellowstone River, you can walk the dog, ride your bike, play numerous rounds of golf, and enjoy the beauty of Billings’ big sky. The recreational opportunities this time of year are endless, with hiking available in the nearby Beartooth Mountains, rafting and world class fly fishing in one of several area rivers less than a one-hour drive away. If you want to see the countryside from your vehicle, take a drive to the Beartooth Scenic Byway or south of Columbus in the Stillwater River area where the scenery will never disappoint. Those interested in history can visit Pompey’s Pillar along the Lewis and Clark Trail just 25 miles east of Billings, or take I-90 southeast to visit the Little Bighorn National Monument. After your day of fun, come to Billings and enjoy a first class dinner at one of the many first class restaurants. If you have a few extra days, Yellowstone National Park is just a few hours away and is home to some of the world’s most incredible scenic and geological wonders. We hope you enjoy the conference and the hospitality that Billings and the area has to offer!

• **Your MSAWWA/MWEA 2012 Host City Committee—Greg Lukasik, Chair**

Visiting Dignitaries from AWWA & WEF

Attendees of the 2012 Joint Conference will be introduced to 2011-2012 WEF Treasurer Chris Browning and 2011-2012 AWWA Vice-President Robert Walters. Mr. Browning and Mr. Walters will offer their insight at the opening session of the conference on Wednesday morning, May 2nd. Help your MSAWWA and MWEA Boards in welcoming these visitors to Billings!

2012 MSAWWA Preconference - Preliminary Agenda

"Cross Connection Control"

Tuesday—May 1, 2012

- 7:00—5:00 pm Registration Desk Open—Lobby of Holiday Inn Grand
- 8:00—8:15 am Welcome/Local Perspective
- 8:15—9:00 am Montana Rules & Regs About Cross Connection Control—Status, Changes, & Updates—Karl Carlson, MT DEQ
- 9:00—9:45 am DEQ Approval Process for Cross Connection Control Programs—Greg Butts, MT DEQ
- 9:45—10:00 am Break
- 10:00-10:40 am Convincing Management Cross Connection Control Is Important—John Alston, City of Bozeman
- 10:40-11:20 pm Convincing Customers Cross Connection Control Is Important—Jeff Feth, City of Helena
- 11:20-12:00 pm A Smaller System's Perspective on Having a Cross Connection Control Program—Lorin Lowry, City of Columbia Falls
- 12:00—1:00 pm Lunch On Your Own
- 1:00—1:30 pm What Should We Know to Start a Cross Connection Program?—Susie Turner, City of Kalispell
- 1:30—2:00 pm Q&A Session Regarding Cross Connection Control Programs—John Alston/Jeff Feth/Lorin Lowry/Susie Turner
- 2:00—3:00 pm How DEQ Handles a Cross Connection Identified Within a Public Water Supply System—Greg Butts, MT DEQ
- 3:00—3:15 pm Break
- 3:15—4:00 pm Theft, Vandalism, & Emergency Water Use: How It Effects Your CCC Program—John Alston, City of Bozeman
- 4:00—4:15 pm Testing Assemblies—Who Can Test, How Do They Test, How Are They Trained & How Long Does It Take—Barb Coffman, METC
- 4:15—4:30 pm What is ABPA, Who Can Join and the Benefits—Spencer Stone, Big Sky Chapter ABPA
- 4:30—5:00 pm Should Montana Have A Mandatory CCC Program? If so, What Should It Look Like?—Barb Coffman/METC
- 5:00—6:30 pm *Ice Breaker Reception hosted by participating Exhibitors—Located in Exhibitor Expo***
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MSAWWA—MWEA 2012 Joint Conference - Preliminary Agenda

"Working Together To Protect Montana's Water Resources"

Wednesday—May 2, 2012

7:00 am—5:00 pm Registration Desk Open —Lobby of Holiday Inn Grand

Morning General Session

- 8:00—8:30 am Welcome and Opening Session
- 8:30—10:00 am AWWA and WEF Guest Speakers—Robert Walters, AWWA Vice-President/Chris Browning, WEF Treasurer
- 10:00-10:30 am "The Yellowstone River Exxon Oil Spill" Presenters TBA
- 11:30—1:00 pm **LUNCH & AWARDS**

Afternoon Concurrent Sessions:

Water & Exhibitor Sessions

- 1:00—1:40 pm City of Billings Integrated Water Plan—Sean Everett, HDR Engineering
- 1:45—2:25 pm Starting Up a 15 mgd Membrane Plant—A Previously Unproven Process, Proven at Full Scale—Jason Curl, CH2M Hill
- 2:25—2:55 pm BREAK - Exhibitors Expo
- 2:55—3:35 pm Water, Energy, and Greenhouse Gases: Tradeoffs and Drivers—Jason Curl, CH2M Hill
- 3:40—4:20 pm Membrane Filtration for Surface Water Treatment Applications—Joseph Tardio, Pall Corporation
- 4:25—5:05 pm Active Mixing & THM Removal Systems—Nathan Miller, Pax Water Technologies

Wastewater Sessions

- 1:00—1:40 pm Shining A Light On Odor Control—Nancy Cormier, Morrison-Maierle, Inc./Calvin Pride, Ambio Biofiltration, Ltd./Gene Connell, City of Missoula
- 1:45—2:25 pm Membrane Bioreactor Phosphorus Removal Demonstration Study—Steve Berggruen, Ovivo USA, LLC.
- 2:25—2:55 pm BREAK - Exhibitors Expo
- 2:55—3:35 pm Reuse and Reclaimed Water: Past, Present and Future—Doug Whitney, Kadmas, Lee & Jackson/Gregg Jones, Cardno ENTRIX
- 3:40—4:20 pm Great Falls WWTP Missouri River Mixing Zone Study—Travis Meyer/Rika Lashley, Morrison-Maierle, Inc.
- 4:25—5:05 pm Start-Up & Operation of a Cold Weather Advanced Nutrient Removal Facility—Tom Adams/Herb Bartle, City of Bozeman/ Coralynn Revis, HDR Engineering

Miscellaneous Sessions

- 1:00—1:40 pm A Multi-Pronged Natural Treatment System Approach to Enhance River Quality in Southern Oregon—Jim Jordahl, CH2M Hill
- 1:45—2:25 pm New Technology + Utility Incentive Leads to Green Savings—Jeremy Perlinski, Morrison-Maierle, Inc.
- 2:25—2:55 pm BREAK - Exhibitors Expo
- 2:55—3:35 pm Case Study: City of Helena Wastewater Retro-fit—Aaron Wirth/Bob Cline, Industrial Automation Consulting
- 3:40—4:20 pm Impact of Regional Oilfield Development on Municipal Wastewater Systems—Scott Schaefer, AE2S
- 4:25—5:05 pm Optimizing Agricultural Reuse & Natural Treatment Systems for River Recovery—Jason Smesrud, CH2M Hill

Wednesday Evening Schedule:

5:15—6:30 pm Beer and Wine Reception Hosted by participating Exhibitors—Located in Exhibitor Expo

Wednesday Evening Awards Banquet & Entertainment (following Exhibitor sponsored Social Hour)

6:30 pm Dinner & Awards
Water For People Fly Rod & Reel Raffle Drawing
Apple® iPad2 Raffle Drawing to benefit the Scholarship Fund
Silent Auction Items Dispersed
8:30—??? Come and join the fun—Casino Night!!

MSAWWA—MWEA 2012 Joint Conference - Preliminary Agenda continued **“Working Together To Protect Montana’s Water Resources”**

Thursday—May 3, 2012

7:00—8:30 am Joint MSAWWA/MWEA Membership Meeting and Election of Officers
8:00—10:00 am Registration Desk open—Lobby of Holiday Inn

Morning Concurrent Sessions:

Water & Exhibitor Sessions

8:30—9:10 am Dewatering Alternatives—Kelly Brown, BDP Industries, Inc.
9:15—9:55 am Fine Screens, MBR Screens, & Screenings Washing/Compacting—Josh Ziembeck/John Lewis, Huber Technologies, Inc.
9:55—10:25 am BREAK - Exhibitors Expo
10:25—11:15 am Why The Screw Centrifugal Pump Is Ideally Suited For RAS/WAS Applications—Mike Malec, Wayward Gordon, Ltd.
11:20—12:05 pm Utilizing Real World Case Studies to Evaluate the Performance of Lagoon Rehabilitation Alternatives with a Focus on Reducing Operating Costs, Minimizing Maintenance, & Maintaining Treatment—Braden O’Leary, Triplepoint Water Technologies

Wastewater Sessions

8:30—9:10 am Nutrient Trading in Montana: Credit Generation, Management and Organizational Structures & Funding—Judel Buls, AE2S
9:15—9:55 am Peak Health & Wellness Center & Watson Children’s Shelter SBR—Kolten Knatterud, Territorial Landworks, Inc.
9:55—10:25 am BREAK - Exhibitors Expo
10:25—11:15 am Value Based Membrane Bioreactor System Selection—Nicole Mosby, Morrison-Maierle, Inc.
11:20—12:05 pm Challenges Of Being The “Last Utility On The Block”—Lockwood Sewer—Dave Mosser/Jill Cook, Morrison-Maierle, Inc.

Miscellaneous Sessions

8:30—9:10 am Paper is for Dinosaurs: The Bozeman WRF Electronic O&M Manual—Rickey Schultz, HDR Engineering
9:15—9:55 am Emergence of Hydropower in Unconventional Utility Applications—William Wiegand, Morrison-Maierle, Inc.
9:55—10:25 am BREAK - Exhibitors Expo
10:25—11:15 am How GIS Can Benefit Your Community—Kevin Bone, Great West Engineering, Inc.
11:20—12:05 pm Sewer Main Evaluation & Rehabilitation Methods—Amy Deitchler, Great West Engineering, Inc.

12:15—1:30 pm **LUNCH & PRIZE DRAWINGS**—Must be present to win from a great selection of Exhibitor sponsored prizes!

1:30—3:30 pm Facility Tours—Billings Water Plant OR Billings Wastewater Treatment Plant
3:30 pm Play Golf!!—Briarwood Golf Course—9 hole play following the facility tours

WATER FOR PEOPLE CONTINUES SILENT AUCTION & RAFFLE

A silent auction and raffle to benefit Water For People will once again be held during the conference. If you would like to donate items to the WFP Silent Auction please email Robin Matthews at info@montana-awwa.org or John Camden at jcamden50@bresnan.net. Please bring your auction items (large or small—all items are appreciated) to the registration desk by 12:00 p.m. Tuesday, May 10th. 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 6Wt Boron IIIIX Fly Rod with Galvan 1.5 OB4 Reel that is valued at \$1,100.00**. 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: rchurch@greatwesteng.com or by phone at 406-449-8627. The drawing will be held at the banquet on May 2nd.

SCHOLARSHIP FUND RAFFLE

The Joint Scholarship Committee will be holding a raffle to benefit the scholarship fund, which helps to provide the means to award up to two scholarships per year to students interested in the water and wastewater fields. This year, Morrison-Maierle Systems Corporation has donated an **Apple® iPad2—16GB with Wi-Fi, dual core A5 chip, front and back cameras and smart cover that is valued at \$500.00**. Tickets are \$5.00 each or 5 tickets for \$20.00 and can be purchased at the conference or by contacting Coralynn Revis at coralynn.revis@hdrinc.com. The drawing will be held at the banquet on May 2nd.

PLAY GOLF!—Join in the fun for 9 holes of golf at Briarwood Golf Course. Course play will take place on Thursday afternoon (weather permitting) beginning at 3:30 (following the facility tours). A fee of \$35 will include a 9 hole round of golf and cart. PLEASE indicate on the registration form in the appropriate box whether you plan to participate in the golf tournament. You will pay the fee at the conference registration desk at the time you register for the conference.