

Straight From The Chair

By: Bill DeMeyer, MSAWWA Chair

Hello to everyone. This has been a year of fires for our State. One of the unforeseen problems that will result from run off in these unfortunate areas will be the high organics that will accumulate in our head waters. As we all know this could cause filtration problems, high chlorine demands, taste and odor problems, high THM's in our distribution and storage systems. Items we do not want to have or

even have the resources to deal with. This will be a great challenge to the operations to your water plants.

This coming year, 2013, has some very interesting proposals coming from EPA. One that AWWA is keeping a close eye on is the proposals for the Lead and Copper Rule. EPA would like more sampling such as testing of schools and apartment complexes. On the replacement of lead lines from the water main to the home there are several scenarios EPA is looking at. Partial replacement such as from the water main to the curb stop, the utility will provide a filtering device to remove lead and supply filters for such device for one year. Another that AWWA is strongly opposing is replacing the lead line from the water main to the foundation of the home. As you can imagine this could lead to a lot of problems, especially tearing up the yard of a customer.

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MWEA President's Message

By: Coralynn Revis, MWEA President

Greetings to WEF's Montana Member Association! It's that time of year when the smoke has turned to snow here at our semi-annual Board Meeting and we've got a lot of exciting things to share. Are you about to retire? Or perhaps just dreaming of retirement? You have a plethora of industry knowledge that the next generation cannot afford to lose. We're proposing to add a new joint committee between MSAWWA/MWEA for Students

and Young Professionals. This committee will work to help with networking and career planning for water professionals, operators, engineers and regulators alike. Most importantly, it will be a chance to provide educational opportunities for those beginning a hopefully lifelong career of providing clean water for Montana. This committee will begin a dialogue to help bridge that gap and ensure the knowledge transfer occurs between our generations.

If you haven't already, we encourage everyone to participate in a committee this year! Although the annual joint conference is the most visible part of our organization, our committees will give you a chance to see everything else that we bring to the table. There are opportunities for networking, educational opportunities, and collaborating with all levels of water professionals in our state and beyond.

Lastly, I want to thank each and everyone one of you for what you mean to water in Montana. WEF's national campaign of "Water's Worth It" is so true. As water professionals, we are already aware of the value of water, but it seems so many people around us just turn the tap and drink without thinking of what it took to make their water safe before it hits their lips.

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We welcome contributions to *NewsWaves*. For more information, contact:

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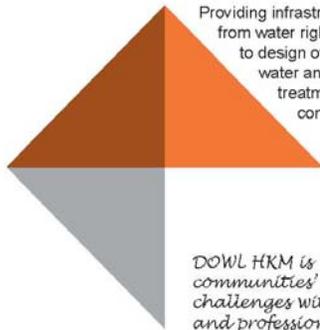
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2012 MSAWWA-MWEA Joint Conference Highlights **“Working Together To Protect Montana’s Water Resources”**

The 2012 annual MSAWWA-MWEA Joint Conference was held in Billings on May 2nd and 3rd and provided an excellent opportunity for a wide variety of sessions and topics eligible for continuing education credits. The Preconference was hosted by MSAWWA on May 1st with approximately 52 people attending the “Cross-Connection Control” themed sessions. Total Conference attendance was 177. In addition, there were 65 exhibitors on site that provided valuable information to all who took advantage of the opportunity. Numerous awards were presented during the banquet on Wednesday evening, as well as at the luncheons on Wednesday and Thursday. The awards presented at the 2012 Conference were as follows:

WEF William D. Hatfield Award—Dana Audet, Viola Water North America
MWEA Small Systems Award—Roberts Water & Sewer District (Anna Jiles)
MWEA Biosolids Award—City of Hamilton (Brad Parke)
MWEA Stockholm Junior Water Prize—Emilee Williams and Caroline Blacketer (Sentinel HS)
MSAWWA-MWEA Lifetime Achievement Award—Timothy Berry, Morrison-Maierle, Inc.
MSAWWA-MWEA Donald Willems Scholarship—Stephen Markwardt & Timothy Kienitz (MSU)
AWWA Operator’s Meritorious Service Award—Mike Ogle, Mountain Water Company
AWWA Fuller Award—Arvid “Butch” Hiller
AWWA Wendell R. LaDue Utility Safety Award—Mountain Water Company, Missoula

Dignitaries representing both AWWA and WEF were in attendance at the conference. This year’s AWWA dignitary was Robert Walters, AWWA Vice-President for 2011-2012. Robert is currently the Assistant Manger for Davidson Water, Inc. in Lexington, N.C. where he lives with his wife Dana. Robert has served in many capacities for AWWA both at the local and national level and has been the recipient of several prestigious awards. Chris Browning joined the Conference as the representative from WEF, and serves as WEF Treasurer for the 2011-2012 term. Chris is Vice-President of McKim and Creed, a full-service consulting firm servicing the Southeast. A WEF member since 1977, Chris has held multiple leadership and committee roles within the organization and with the Georgia Association of Water Professionals. He, too, has been the recipient of several distinguished awards as a result of his service for WEF and GAWP. Thank you to both of these outstanding individuals for



MWEA President’s Message Continued...

And, on the other side of the cycle, they just flush their troubles down the drain for us to clean. Check out the campaign on <http://www.waters-worth-it.org/> and remind those around you that “Water’s Worth It”: worth your passion, worth your effort and worth your respect to keep water clean for our future.

I look forward to seeing all of you at the annual conference in Great Falls! ~Coralynn Revis

Butch Hiller (right), retired General Manager of Mountain Water Company in Missoula, receives the AWWA George Warren Fuller Award for distinguished service at the 2012 Joint Annual Conference. Congratulations to Butch on receiving this prestigious award! AWWA Vice-President Robert Walter presented the award.



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Wednesday luncheon & awards at the 2012 Joint Conference in Billings



A well attended session at the 2012 Joint Conference With Scott Murphy of Morrison-Maierle presenting.



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MSAWWA Chair's Message Continued...

Other items on the agenda from EPA pertain to the Consumer Confidence Report, the CCR. The main item is how to deliver it to the consumer. The chromium VI, which is in vitamins for the elderly, will turn into Chromium III in an acid environment such as your stomach. This is still up in the air. Another politically driven item is perchlorate, which is being connected to deformities in the early stage of baby development, could become a future standard requiring a 3 to 4 ppb limit. One that is also being talked about and will be of concern for our State is "Fraking" for oil and gas and the problems this can have on our water tables. This will be an interesting item for EPA and our State DEQ.

Remember in 2014 the "Lead Free" regulation which requires pipe, meters and curb stops to be lead free. Systems cannot be grandfathered in; this means systems need to look at replacing your future pipe, meters and curb stops that will meet the "Lead Free" requirement now rather than later.

One of the unfortunate items in the President's budget is cut backs in the State Revolving Funds, as of July, the water portion will be cut less than wastewater. This could affect a lot of our water systems. To go along with this AWWA is still lobbying for the Water Infrastructure Finance and Innovation Act (WIFIA). As of July Representative Gibbs from Ohio and Senator Berkley from California are working together to propose a bill for WIFIA in 2013. AWWA would like to see EPA run the funding and hopefully fall under our people who run the SRF.

Of course for all of us we strive to make water "Safer" but not unaffordable. I do hope to see many of you at the annual meeting this coming spring in Great Falls. Take care and keep the water safe. ~*Bill DeMeyer*

Are You Ordering Books from AWWA?

If you need to order books or publications from AWWA, please place your order through Robin Matthews, MSAWWA Executive Secretary. MSAWWA receives credit for your order. The cost is the same to you, but MSAWWA gets a bonus. **THANK YOU!!!**

REVISIONS TO DEQ 2 DESIGN CIRCULAR

~Terry Campbell, DEQ WPCSRF

On September 28, 2012, the Montana Board of Environmental Review (Board) approved Department initiated administrative rule revisions and an update to DEQ Circular "DEQ 2". DEQ 2 is the design standard for public sewage systems (as defined in 75-6-102(13) MCA). Prior to this update, DEQ 2 had not been modified since 1999. "Public sewage systems" by definition are a system of collection, transportation, treatment, or disposal of sewage that serves 15 or more families or 25 or more persons daily for any 60 or more days in a calendar year.

The changes made were the result of major advances in wastewater treatment technology over the past 15 to 20 years that hadn't been addressed via the conventional Ten State Standards. The major changes to DEQ 2 include sections specific to advanced treatment technologies and effluent reuse alternatives. The advanced treatment technologies addressed in this revision include Biological Nutrient Removal (BNR), Sequencing Batch Reactors (SBR) and Membrane Bioreactors (MBR). Also major revisions were completed for Ultraviolet Disinfection and Supplemental Treatment processes like chemical clarification, coagulation and filtration. Updates from the 2004 version of the "Ten States Standard" were also included.

With respect to effluent reuse, the 2011 Montana Legislature passed House Bill 52, giving the Board authority to adopt rules specific to effluent reuse classes and uses. The department has been interested in this option and has spent many years investigating programs in other States to determine the best reuse strategy. The major addition here is the development of six classes of effluent by definition (A-1, B-1, A, B, C & D), and defining the allowable uses for each of these classes. For the A-1 and B-1 classes, an administrative rule change was made to allow for discharge to groundwater without a groundwater discharge permit. This rule revision adds to the groundwater permit exemption currently allowed for effluent reuse at "agronomic rates". However there will be conditions of approval that will address monitoring and other operational practices to ensure the safety of these practices.

For engineers designing new, or modifications to existing public sewage systems, the changes involve a lot of detail that was not previously contained in DEQ 2, but the concepts and specifics are well founded in design textbooks and literature relevant to these technologies. A final clean copy of the new DEQ 2 should be available on the DEQ website <http://deq.mt.gov/wginfo/Circulars.mcp> at the time of this publication.

AWWA & WEF Explore Collaboration

In 2011, the American Water Works Association (AWWA) and Water Environment Federation (WEF) boards approved a joint resolution that encourages collaboration among our members and greater coordination of programs and services.

AWWA and WEF remain committed to the spirit of the 2011 resolution. Both organizations have signed an Agreement of Intent that establishes an Exploratory Committee to examine potential models for enhanced collaboration and partnership to better serve our members.

The Exploratory Committee is comprised of leaders from both organizations and will examine potential models for enhanced collaboration and partnership ranging from efficiencies in some combined business practices and member services to full integration of the two organizations.

Discussions about enhanced collaboration and cooperation between AWWA and WEF have occurred on and off for a number of years and are driven by a desire to deliver better service and value to our members as both organizations respond to significant changes in the water industry and among our members.

AWWA and WEF will continue to work together to best serve our members and the broader water industry and will keep our members apprised as our exploration of enhanced partnership continues.



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Regional Meeting of Section Officers (RMSO) Report September 6-7, 2012 ~Nate Weisenburger & Slim Miller~

Slim Miller and Nate Weisenburger represented the Montana Section at the Regional Meeting of Section Officers (RMSO) in Stevenson, WA on September 6-7. The format of the RMSO event was modified such that participants prepared presentations on topics that focused on the theme of "Engagement & Development". The 15-minute presentations by attendees focused on the following six topics:

- Section Member Engagement & Development
- Section Online Communities
- Section Community Development
- Section Utility Relationship
- Section Public Engagement
- Section Public Official Engagement

Slim Miller was the very first presenter of the RMSO and discussed Section Member Engagement and Development efforts within the Montana Section. Slim solicited and received a considerable amount of feedback from other sections regarding their efforts. Some of the ideas used by other sections include:

1. Using Google Docs to make posting committee reports, etc. to the website much easier and user friendly for committee chairs
2. Surveying members at the annual conference for feedback with a raffled ipad for an incentive
3. Encouraging students and young professionals to assist as session moderators at the annual conference
4. Setting up joint student chapters, piggybacking with others such as ASCE
5. Contacting small system operators to encourage membership

Slim received an award for **not** using PowerPoint software when giving his presentation to the group.

Slim and Nate later tag-teamed a discussion on the topic of Section Online Communities. It was recognized that the relatively large geography of Montana as compare to membership of the Section pose some challenges that could be overcome using online networking tools. The use of social networking technologies to attract and engage young professionals of the water industry in an effort to sustain the viability of the Section was also discussed.

The upside to attending the RMSO is knowing that the Montana Section is not necessarily unique in its challenge of being a large section with a relatively small membership. Other sections, such as Alaska and Western Canada (Alberta, Saskatchewan, and the Yukon Territory), were able to share information as to their respective challenges and the strategies used to increase section membership and demonstrate the value of being a member of AWWA.

The Pacific-Northwest Section was certainly a gracious host for the event, which was held at the Skamania Lodge in the Columbia River Gorge. RMSO attendees enjoyed a dinner cruise on a paddlewheel boat that offered a great blend of social interaction and educational information regarding the remarkable geology and history of the scenic Columbia River.

**Congratulations to
Stephen Markwardt & Timothy Kienitz
Recipients of the 2012**

Donald G. Willems Scholarship

Stephen Markwardt, who is pursuing a Masters of Science in Environmental Engineering, and Timothy Kienitz, who is pursuing his Bachelor's Degree in Civil Engineering are both recipients of the \$1000 MSAWWA/MWEA Joint Scholarship given in honor of Donald G. Willems. Both recipients attend Montana State University.



Timothy Berry is presented with the MSAWWA-MWEA Lifetime Achievement Award.



Chris Browning of WEF presents the William D. Hatfield award to Dana Audet.

Thank You!
Morrison Maierle Systems Corporation
for the generous donation of the Apple iPad2 for the Joint Scholarship Fund raffle. Ticket sales for the raffle generated over \$2140 for the MSAWWA-MWEA Joint Scholarship Fund. Michael Mieyr was chosen as the winner—congrats Michael!



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This is a reminder to review your contact information listed in the joint directory and let Robin Matthews know if any information is incorrect or if you are a member and your information is not listed.

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A SPECIAL THANK YOU.....

To all of the volunteers who helped to make the 2012 Joint Conference so successful. As you all know, it takes many hands to make it all come together and all of the help is greatly appreciated. A special thanks to the Host City Committee, the Program Committee, the MSAWWA Education Committee and the registration desk helpers:

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Anne Birac

Thank you also to Nancy Bruner and Barb Coffman for helping during the week of the Conference—your time and experience are greatly appreciated!

Wambdi Wahachanka Water Treatment Plant

**By LeAnn Books and Jeff Ashley, Morrison-Maierle, Inc.
Louis Beauchamp, Assiniboine Sioux Rural Water Supply System**

Drinking water treated at the newly completed Wambdi Wahachanka Water Treatment Plant (WTP) east of Wolf Point was pumped over 16 miles into the City of Poplar distribution system on August 20, 2012. This historic event marked the culmination of more than 15 years of joint effort by the Fort Peck Assiniboine and Sioux Tribes, the Dry Prairie Rural Water Authority, United States congressional delegates, Montana funding agencies, and various consulting engineers and contractors. However, the City of Poplar is only the first step in ultimate plans for this rural water system to supply water to more than 22 communities in northeastern Montana.

Most existing public and private water supplies for the Fort Peck Indian Reservation and the Dry Prairie region of Roosevelt, Sheridan, Daniels, and Valley Counties utilize groundwater. In these areas, groundwater sources generally have poor quality and small production capabilities. A 2002 study, prompted by the Fort Peck Indian Reservation Rural Water System Act of 2000, concluded that the most efficient way to provide adequate and safe water supply to residents of these service areas was through a large centralized water treatment plant, treating surface water from the Missouri River.

The raw water intake and pump station for the Wambdi Wahachanka WTP are located downstream of the Fort Peck Dam on the Missouri River near the State Highway 13 bridge south of Wolf Point. The raw water attained through surface water rights belonging to the Assiniboine and Sioux Tribes is pumped approximately three miles to the WTP.

The WTP is a conventional surface water treatment plant utilizing a ballasted flocculation and sedimentation process followed by mixed media filtration and disinfection. The facility was designed to treat an average annual demand of 6.25 million gallons per day (mgd) and a maximum daily demand of 13.6 mgd.

Ballasted flocculation and sedimentation is a high-rate process which utilizes microsand as a seed for floc formation. The purpose is to remove a significant portion of raw water turbidity down to 2 NTU or less, prior to filtration. The microsand provides a large surface area for floc formation and provides weight (or ballast) to promote settling. Two parallel trains each consist of a coagulation basin, injection basin, maturation basin, sedimentation basin, sludge pumps, and chemical injection systems.

Remaining suspended solids and turbidity are removed through mixed media filtration. Eight individual filter cells are available for operation depending on water demand. Filter backwash water is routed to the washwater recovery basin to allow the solids to settle and then recycle a portion of the water back to the head of the WTP.

Sludge lagoons are utilized to store residuals (sludge) for dewatering prior to landfill disposal. Sludge is generated from the ballasted flocculation and sedimentation process and from filter backwashing. With a total of six lagoons, the system is designed so the sludge will be pumped into two lagoons over the course of a calendar year and then be allowed to dry through evaporation for the following two years before being removed.

Prior to water entering the distribution system, the WTP uses primary and secondary disinfection systems to provide protection from pathogens while minimizing health risks to the population from disinfection byproducts. The primary chlorine disinfection system inactivates microorganisms by applying a chlorine dose to the filter effluent, and allowing contact time through the chlorine contact basin. Within the next year as the distribution system is expected to expand, the WTP will begin to add ammonia at the end of the chlorine contact basin, just upstream of the clearwell. The ammonia will combine with the chlorine to form chloramines, which are used for secondary disinfection creating a stable, long lasting residual.

After the appropriate disinfection contact time in the chlorine contact basin and after the addition of ammonia to form chloramines, water flows into the clearwell. The clearwell is designed to provide operations storage for the plant to operate at a relatively constant rate while also meeting peak instantaneous distribution demands and providing volume for filter backwashing supply. The finished water pump station contains five vertical turbine pumps for the east distribution system and five vertical turbine pumps for the west distribution system.

(continued on page 13)



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(continued from page 11)

The construction of transmission mains will expand the rural water supply system to serve more communities. The current transmission main construction projects include a western main toward Wolf Point, Oswego, Frazer, Nashua, and Glasgow and an eastern main past Poplar toward Brockton, Fort Kipp, and Culbertson. Dry Prairie Rural Water Authority is also constructing lines north of Culbertson and in the Glasgow area to eventually expand the water service in the Plentywood, Scobey, and Opheim regions.

The Wambdi Wahachanka WTP will consistently provide an adequate and safe water supply as a result of the facility's flexibility to treat highly fluctuating levels of raw water quality. To quote the August 14, 2012 dedication ceremony, "dependable, high quality drinking water is fundamental to the health and quality of life of people within the region. Water is life."



Wambdi Wahachanka Water Treatment Plant

Mission of Montana Section AWWA—The Montana Section of 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. Montana Section of AWWA will provide 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.



Mission of the Montana Water Environment Association The Montana Water Environment Association (MWEA) is a non-profit organization dedicated to the preservation and enhancement of Montana's water environment. The Association is committed to advancing science and education, disseminating technical information, increasing public understanding and promoting sound public policy in the water quality and water resources field.



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John Camden presents Jeff Jensen with the fly rod and reel that Jeff won in the Water For People raffle at the 2012 Joint Conference.

**Thank You To All Of The Exhibitors
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- Morrison Maierle, Inc.
- Mountain Water Company

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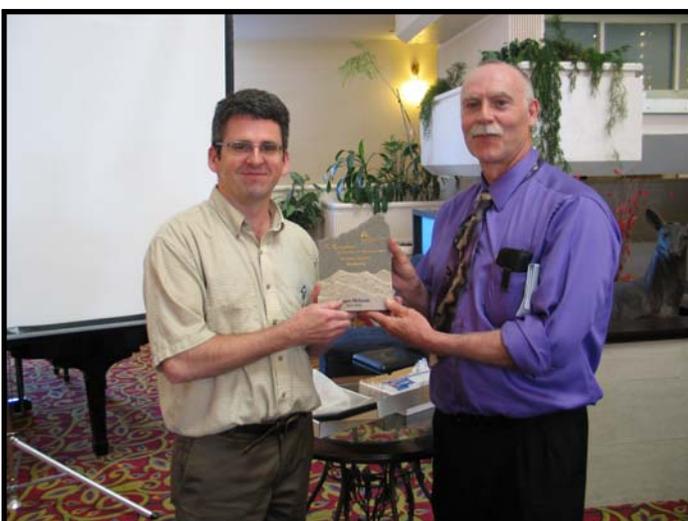
Nate Weisenburger (406) 268-0626
nate.weisenburger@ae2s.com

Junior Trustee

Douglas “Slim” Miller (406) 441-1408
millerdl@cdm.com

Secretary

Jeff Ashley (406) 442-3050
jashley@m-m.net



2012—2013 MWEA Board of Directors

National Director

Mike Jacobson (406) 727-1325
mjacobson@greatfallsmt.net

Past President

Terry Campbell (406) 444-7374
tcampbell@mt.gov

President

Coralynn Revis (406) 532-2219
coralynn.revis@hdrinc.com

President Elect

Gary Zuroff (406) 377-3318
zuroffg@midrivers.com

Vice President

Dan Harmon (406) 532-2207
dan.harmon@hdrinc.com

Senior Trustee

Michelle Marsh (406) 444-5322
mmarsh@mt.gov

Junior Trustee

Amy Deitchler (406) 465-6160
adeitchler@greatwesteng.com

Executive Secretary

Dana Audet (406) 761-7004
dana.audet@veoliawaterna.com



Thank you to MSAWWA Past Chair Logan McInnis (left) and MWEA Past President Terry Campbell (above)—being relieved by Bill DeMeyer and Coralynn Revis, respectively.

2012—2013 Committee Chairs

Below is a list of the members of MSAWWA and MWEA that volunteered to chair each organization's committees for the 2012-2013 year. Volunteers are always welcome, so if you wish to help your association and serve on a committee you may still sign up by contacting the chair of that committee or Robin Matthews at Info@montana-awwa.org or (406) 546-5496.

Joint Committee Chairs

Cross Connection Control

Barbara Coffman: barbara.coffman@msun.edu

Exhibitors

Bill DeMeyer: demeverb@ci.billings.mt.us

Historical

Nate Weisenburger: nate.weisenburger@ae2s.com

Host City

Mike Jacobson: mjacobson@greatfallsmt.net

Lifetime Achievement

Paul Lavigne: plavigne@mt.gov

Program

Nicole Mosby: nmosby@m-m.net

Public Education/Information

Collette Anderson: ctanderson@greatwesteng.com

Scholarship

Coralynn Revis: coralynn.revis@hdrinc.com

MSAWWA Committee Chairs

Education

Collette Anderson: ctanderson@greatwesteng.com

Legislative

Nate Weisenburger: nate.weisenburger@ae2s.com

Membership

Logan McInnis: logan@mtnwater.com

Awards

Steve Wonacott: swonacott@m-m.net

Water For People

John Camden: jcamden50@bresnan.net

MWEA Committee Chairs

Beneficial Reuse

Terry Campbell: tcampbell@mt.gov

Education

Jeremy Perlinski: jperlinski@m-m.net

Government Affairs

Craig Pozega: cpozega@greatwesteng.com

Honors & Awards

Bill Bahr: bbahr@mt.gov

Long Range Planning

Membership

Mike Jacobson: mjacobson@greatfallsmt.net

Stockholm Jr. Water Prize

Kristi Kline: kjfarm@mtintouch.net

Please Support Your Association's Committees

Please remember that the committees cannot survive without member participation. You can sign up to be on a committee at any time during the year, however, the Joint Conference is the ideal time to do so and there will be sign-up sheets in your registration packet. Please consider participation in at least one committee. If you have questions about the committees, please contact the chair of that committee to find out more about how you can help.

If you are currently serving on a committee and wish to continue serving, please be sure to sign up at each conference. The slate is wiped clean after each conference, and unless we have the new sign-up form, we do not know if you wish to continue serving.

Thank you to everyone for making our Associations so great!

Introducing...the 2012-2013 Junior Trustees:

MSAWWA—Douglas “Slim” Miller Previous to becoming an engineer, Slim worked for 2 years in highway construction, and 18 years in plumbing, heating and commercial refrigeration. Since receiving a BS in Environmental Engineering from Mt. Tech in 1995, he has spent 16 years designing municipal and industrial water and wastewater treatment systems.

MSAWWA—Nate Weisenburger Nate is a principal with the regional consulting firm Advanced Engineering and Environmental Services, Inc. (AE2S), and currently serves as Operations Manager for the Great Falls office. Nate has been a member of the American Water Works Association since 1997. Since that time, Nate has been actively involved with the Montana and North Dakota Sections by participating in various committees, including the Legislative Committee (Water Utility Council), the Historical Committee, the Exhibitors Committee, and the Awards Committee. He previously served as a member of the MSAWWA Board in 2009 (Junior Trustee) and 2010 (Senior Trustee) and was again elected to serve as a Junior Trustee in May 2012.

MWEA—Amy Deitchler Amy is a register Professional Engineer and works for Great West Engineering. She has a strong background as a project engineer and construction manager. Amy has

worked on many projects utilizing funding from many different funding agencies. She enjoys spending time outdoors with her two kids and husband outside of work.

**\$5386.00 raised for
“Water For People”
through MSAWWA-MWEA efforts!**

~John W. Camden~

Great West Engineering, R.L. Winston Rod Co., and Montana Fly Goods donated and fly rod and reel for the main raffle and other items were purchased for a silent auction hosted jointly by the Montana Section of the American Water Works Association (MSAWWA) and the Montana Water Environment Association (MWEA) during the May 2012 Joint Conference.

The silent auction and the raffle raised \$3886.00 for Water For People, a nonprofit international development organization dedicated to improving the lives of people in the developing world by supporting sustainable drinking water, hygiene and sanitation projects. The balance of the total raised was through donations.

“On behalf of AWWA, I want to express my sincere appreciation to everyone who donated and purchased items for this special event”.

The donation was made to Water For People as part of their “Time Well Spent” \$2 Million Challenge that ended on October 15, 2012. The donation made by MSAWWA and MWEA was the last amount needed to put their fund raising effort over the \$2 Million mark and WFP was extremely grateful.

Water For People was established in 1991 by members of the AWWA and is endorsed by many of the leading water-related associations in North America — including the Water Environment Federation (WEF), National Association of Water Companies (NAWC), Water Quality Association (WQA), Association of Metropolitan Water Agencies (AMWA), and others. The mission of the 501 (c)(3) nonprofit organization is to help the 1.1 billion people — one in six worldwide — who do not have access to safe water and the 2.6 billion — a third of the world’s population — who lack adequate sanitation. It is estimated that approximately 6,000 people, mostly children, die each day in those countries from waterborne illnesses such as dysentery and cholera. For more information about Water For People, go to www.WaterForPeople.org.

Thank You!

Great West Engineering, R.L. Winston Rod Co. and Montana Fly Goods for the generous donation of the fly rod and reel for the Water For People raffle. Jeff Jensen was chosen as the winner—congrats Jeff and catch a lot of fish!

2012 MWEA Stockholm Junior Water Prize Awardees

Congratulations to Emilee Williams and Caroline Blacketer who attend Sentinel High School in Missoula on a job well done! The two girls were awarded the honor for their project entitled “A Comparison of Nitrogen-Related Diatoms in the Upper Clark Fork and Bitterroot Rivers”. Keep up the good work!

The 2013 MSAWWA-MWEA Annual Joint Conference

**is just around the corner! The Conference will be held at the Heritage Inn in Great Falls. The Preconference will be hosted by MWEA on Tuesday, May 7th. The Conference will take place Wednesday May 8th and Thursday May 9th. More information will be available on the website soon.
www.montana-awwa.org**