



American Water Works Association
Pacific Northwest Section

FALL 2016

WATER *matters*

The Official Magazine of the
Pacific Northwest Section – AWWA



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Published by



Managing Editor: Jeremy Brooks
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Advertising Coordinator: Stefanie Hagidiakow

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E-mail: info@kelman.ca
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Features

PNWS-AWWA SILVER WATER DROP AWARDEES..... 34
2017 CANDIDATES FOR OFFICERS..... 39



Cover Photos: Seattle Women in Leadership Planning Committee at the 2016 WIL Symposium Downtown Seattle with fall colors taken from the Space Needle
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Departments

Message from Chair 6
Message from Executive Director..... 8
Association Director’s Report..... 10
Committee Reports..... 12
Subsection Updates..... 29
Historian’s Corner 36
Reach our Advertisers 50





Sewer Solution for Septic Replacement

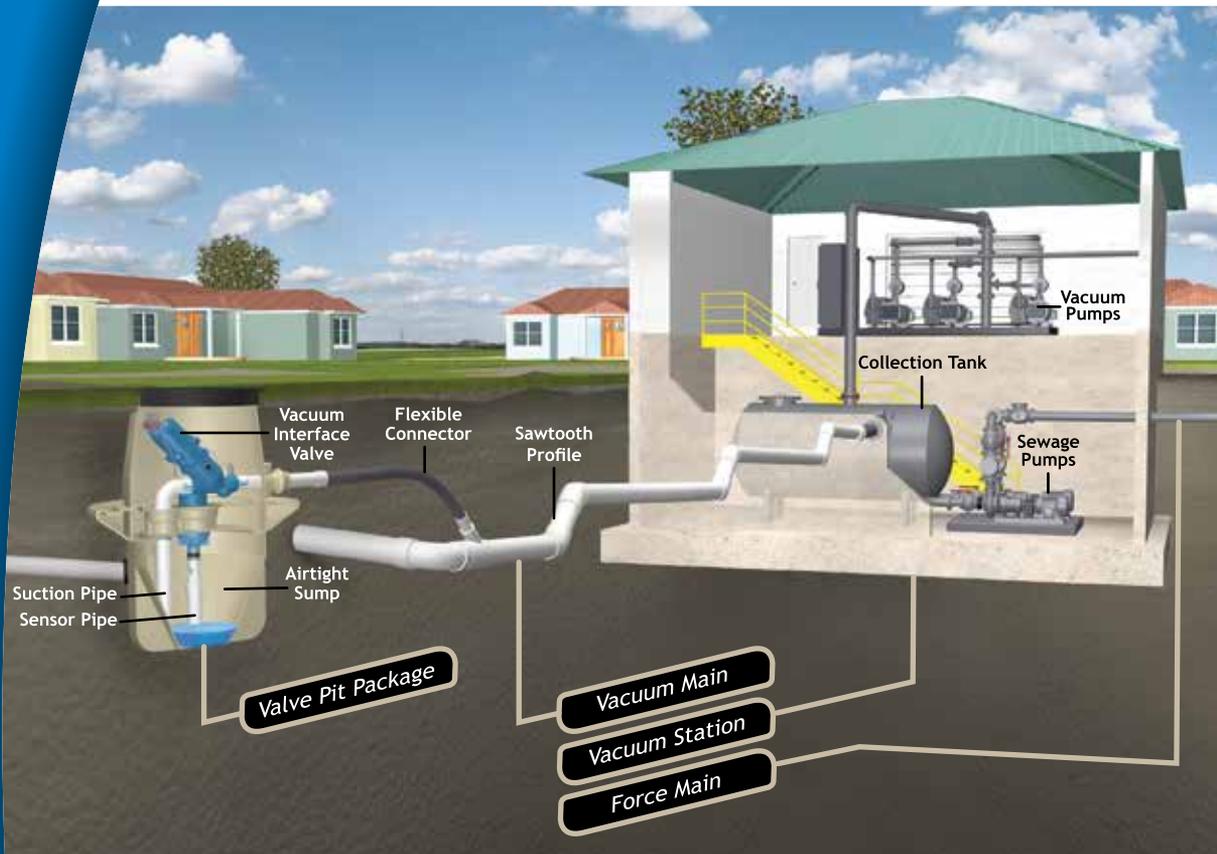
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A Busy Fall Ahead

Summer has come and gone and now the shorter, cooler days are filled with some of my favorite things like pumpkin spice lattes, fall foliage, and football. I hope you all had a great summer filled with new adventures with your loved ones. My family had a very busy summer with trips to the Oregon Coast and Flathead Lake, Montana. The highlight of my summer was watching our girls, Kennedy and Hadley, enjoy our new home in the country riding their 4-wheelers, making mud pies, and checking out the garden every day to see what grew overnight.

In addition to my family vacations, I was honored to travel to ACE in Chicago this year to represent the Pacific Northwest Section. As always, ACE was such an amazing experience and I really enjoyed experiencing Chicago and the conference with several other PNWS professionals. I spent my time visiting the massive exhibit hall, watching the competitions, and networking. It was so much fun to cheer on the PNWS teams that participated in Tapping, Meter Madness, and Top Ops. Participating in a competition at the Association level can be daunting. Congratulations to all of the PNWS competitors!

However, I must say that the most rewarding moment at ACE was watching Cheryl Capron, John Roth, and Mike McClenathan receive their Professional Operators pin. A Professional Operator (PO) is the designation awarded to the Certification Commission for Environmental Professionals (C₂EP)- certified water environment industry operators signifying

they have met the most rigorous standards of their profession. To earn the PO title, they must pass a certification exam and meet specific job/education requirements. Congratulations Cheryl, John, and Mike! What an honor for three PNWS members!

Strategic Planning Session

In early July, the Board of Trustees participated in a Strategic Planning session in Seattle, Washington. It focused on leadership and included a self-evaluation survey for the Trustees. The session was extremely valuable and the Board had great discussions about member value and how we, as PNWS leaders, can continue to improve and grow our Section. It also provided great training for our new PNWS Trustees: Stephanie Raddatz, Chris Young, and James Dean.

Fall Trustee Meeting

The Fall Trustees Meeting will be held at the Historic Davenport Hotel in Spokane, Washington from October 5 – 7, 2016. It is one of our busiest and best meetings of the year as the PNWS Committees report to the Board and present budget requests for the following calendar year. The Program Committee will also present the draft technical program for the 2017 PNWS Annual Conference in Kennewick, Washington. Committee Officer Training is also offered and will cover the roles and responsibilities of a Committee Chair.

One of my goals as Chair is to have succession plans in place for PNWS Committees and Subsections. As such, I have also

requested that each committee include succession plans with their committee report. Succession planning is vital in any organization, including the PNWS, and allows for continuity of leadership within each committee. When new members step into leadership roles, they bring new ideas and energy which helps sustain the momentum of success of our Committees and Subsections. Additionally, it allows existing Committee Chairs and Subsection Officers to move on to new roles within our Section.

Member Survey

By now, you should have received an invitation to participate in the PNWS membership survey. The purpose of this survey is to provide a platform for our members to share information and feedback with the PNWS Board of Trustees. This information will be used to learn more about the needs and expectations of the PNWS members. Your feedback will help reinforce what the PNWS does well and identify areas for growth and development. Be sure to complete the survey for your chance to win a free full registration to the 2017 PNWS AWWA Conference in Kennewick, Washington!

Lastly, I want to wish you all a very happy holiday season. Remember to take a moment during the hustle and bustle to spend time with your loved ones, give thanks for all of your blessings, and enjoy those moments that quickly become memories. Stay safe and enjoy!

“The best way to find yourself is to lose yourself in the service of others.”

– Ghandi 

Lacey Goeres-Priest, Chair

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Fall is Upon Us

I have a confession to make; I am a huge Olympics junky. I love the Olympics and especially the summer Olympics. During the 21 day Olympic run in August, I had the TV on constantly and even burned through a couple of batteries in my remote control as I continuously switched between the multitude of channels that were broadcasting the various sporting events. The spectacle of the world's greatest athletes competing against each other is a special thing to see.

The nice thing about the Olympics is we get to see athletes compete in a brief moment of time. They compete at a very high level, hopefully peaking at the right time after years or perhaps a lifetime of hard work and practice. I think there are some real similarities there between the Olympic athlete and Professional Operators. Professional Operator (PO) is the designation awarded to certified water environment industry operators signifying they have met the most rigorous standards of their profession. To earn the PO title, operators must pass the relevant certification exam and meet specific education and job experience requirements. As one of our Section's very own Professional Operator, Cheryl Capron says, "Many people don't recognize that certified operators meet rigorous knowledge and continuing education requirements, particularly at the higher levels of certification, where four years of college-level coursework is required. Unlike the engineering field, there's no bachelor's degree from a major university in water system operations. The Professional Operator certification is a credential that tells the world what the operator knows,

and that what the operator does is as specialized and as important to public safety and public health as what the engineer, the microbiologist, or the chemist know and do." These Professional Operators spend a lifetime working and training so they can be prepared for any situation, much like the athlete who trains day in and out for a chance to compete in the Olympics. A Professional Operators Olympics may be the one day they are called on to protect their community during fire, flood or other natural disaster. To find out more about the Professional Operator designation and what it means for your career I encourage you to talk to our Section's Professional Operators Cheryl Capron, Mike McClenathan or John Roth. You can also find out more by visiting <http://professionaloperator.org>.

Section Election

It wouldn't be fall without an election but don't let your apathy for the national candidates detour you from voting in our Section election this year. Help us select the future leaders of our Section by returning the ballots that will be hitting your mailbox soon. We have a great list of candidates, all of whom have been leaders at various levels of our Section, who are looking to volunteer once again and become a member of our Section Board of Trustees. Candidates this year include:

- **Chair Elect**
 - Mel Damewood – Eugene Water and Electric Board
 - Jennifer Garbely – Kennedy/Jenks Consultants
 - Mike Whiteley – City of Gresham

- **Oregon/Idaho Trustee**

- Mike McClenathan – City of Central Point
- Jamie Porter – Rainbow Water District
- Julie Smitherman – City of Ashland

- **Washington Trustee**

- Ronda Farmer – Spanaway Water Company
- Tony Lindgren – Tacoma Water
- Sam Perry – Washington State Department of Health

- **Trustee At Large**

- Cory Baune – JUB Engineers Inc.
- Lynn Williams Stephens – Brown and Caldwell
- Pat Van Duzer – Black & Veatch

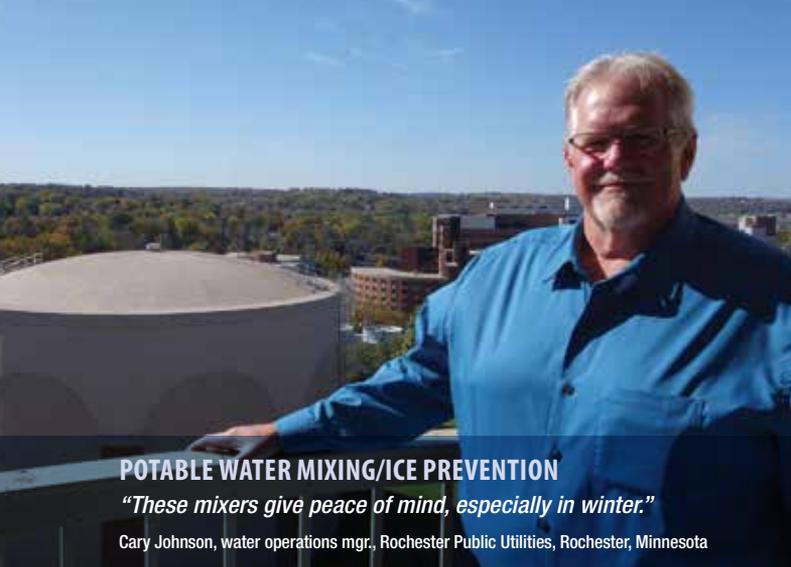
Winter Subsection Training and Trustee Meeting

Subsection officers – mark your calendars for the Winter Subsection Training and Trustee Meeting in Vancouver, WA at the Heathman Lodge, February 1-3. You can plan on a great day of training and networking as we go over the fundamentals of leading a subsection. If you are a current subsection officer or have desires to become one, plan on attending. If you stay throughout the two days we will even reimburse your hotel and travel. Stay tuned for more information from the Tonya Reiss and the Subsection Advisory Council (SAC).

Finally, I would be remiss if I did not mention that the 2017 Section Conference in Boise registration goes live next year on January 3. If you are a vendor you will want to register early to get your booth of choice. Look for more information about the registration process and deadlines in the monthly Section E-newsletter.

Enjoy your fall! 🍂

Kyle Kihs, Executive Director



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Cary Johnson, water operations mgr., Rochester Public Utilities, Rochester, Minnesota



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John Willis, wastewater plant supervisor, Ventura, California



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James A. Brown, water production manager, Newton County, Georgia



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Stay Ahead of the Crisis

This summer to launch my term as Director for the PNWS I had the opportunity to attend two AWWA meetings in Denver Colorado; the incoming Directors orientation, and the Summer Workshop. The information exchange was like drinking from a fire hose, but I learned a lot about the AWWA Association activities and goals. Because I am new to this position, I took this as my free pass to ask lots of stupid questions. Among them: "What is AWWA 2020? Why is AWWA opening an office in India? What am I supposed to do as a Director?" A few answers from the Association;

What is AWWA 2020? AWWA 2020, A Path to One AWWA is an effort to strengthen the interdependence between Sections and the Association and includes strategic themes of Communication, Education, Membership, Branding and Finance. Activities associated with these themes will help to bring benefits to both the Association and Sections by working more closely together. This is different from the *PNWS Section "2020 Vision"* which is a workforce strategy launched by PNWS past chair Randy Black

to address the gap left by retiring baby boomers to connect qualified individuals with utilities looking for future water professionals. Both are important programs to our Section that will be ongoing, as their titles announce, until 2020, so it will be my goal to help members identify and distinguish between the two.

Why is AWWA going into India?

As you may have heard AWWA opened an office in Mumbai India in 2015. Out of many countries evaluated, India was chosen because of the great opportunities the country provided and because AWWA was very well respected and the resources that we can provide were a great fit for the Country and its rapidly developing economy. To date there are 135 Members in India and there were 40 attendees from India at ACE in Chicago.

What does a Director do? It is my job as your Director to serve as the link between the Pacific Northwest Section and the Association. I serve on the Association board of Directors, which is a 60 member board, and also on the PNWS board. I provide

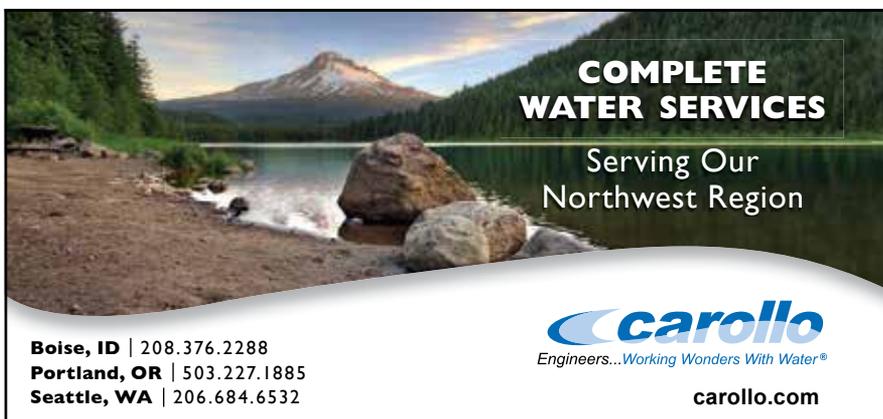
updates to the PNWA on the activities and goals of AWWA and represent the best interests of PNWS to the Section.

AWWA Summer workshop keynote Melanie K. Goetz coaches us to stay ahead of the crisis:

One of the highlights of the meeting and training I attended in Denver was a fantastic keynote speaker at the summer workshop Melanie K. Goetz who presented on crisis communication. Ms. Goetz is also the author of the book "Communicating Water's Value" and I recommend that you check it out at the AWWA bookstore. One of the important points that Melanie made during her presentation was the importance of communication and 'raising the curtain' in order to avoid a crisis or stay ahead of a crisis. As we find with the Lead crisis in public water systems at this time, transparency is critical. Teach customers about your water system, give your Board members tours of the facilities, not just the shiny new facilities but those that are at the end of life and need replacement. Knowledge about what we do as water professionals and building relationships with the community will help to avoid many crises and if one does occur will help improve the community reaction to the crises and avoid finger pointing and blame. This was my take home message from the meetings in Denver, I plan to use it in my own utility and hope to spread this message to the members of the Section.

Thank you for reading and I look forward to the Fall Board meeting in Spokane this October and to seeing many of you in the coming months. 

Kari Duncan, Association Director



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Customer Service Committee

Customer Service Committee
The Pacific Northwest Section
Customer Service Committee is approaching a very busy couple of months presenting the AWWA Customer Service Certificate Program courses in three different locations around the Northwest. We currently have open registration for the following locations as well as a list of proposed locations for 2017 and 2018.

Customer Relationship Building for the Utility Work Force (Course #1)

Wenatchee, WASeptember 29 & 30, 2016

Water Industry Operations and the Vital Importance of Teams (Course #3)

University Place, WA.....September 22 & 23, 2016
Pullman, WAOctober 27 & 28, 2016

2017 Customer Service Training Program schedule

Tacoma, WA Course 1
Spokane, WA Course 1 & 2
Boise, ID Course 1 & 2
Wenatchee, WA Course 2 & 3
King County, WA Course 2

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2018 Customer Service Training Program schedule

Tacoma, WA Course 2 & 3
Spokane, WA Course 3
King County, WA Course 3
Boise, ID Course 3

Below are the 3 courses offered and some basic information that is presented in each course.

Customer Relationship Building for the Utility Work Force (Course #1)

- Communication Styles
- Globalization and Demographics
- Listening Skills and Teamwork
- Telephone Etiquette
- Assertive Responder Skills (Non-Emergency)

The Business of Customer Service for the Utility Work Force (Course #2)

- Customer Relationships
- Diversity and the Water Utility Service Market
- Technology and Customer Service Effectiveness
- Assertive Responder Skills (Urgent Situations)

Water Industry Operations and the Vital Importance of Teams (Course #3)

- Water Workforce in the 21st Century
- Environmental Quality, Water Treatment and Society
- Conservation, Watersheds and Related Issues
- Increasing Need for Teamwork in Utility Organizations

Our trainer, Jacki Masters, has many years of personal experience in the water and waste water industry that she calls upon to enhance each customer service course. 100% of the content for each course is related to water and wastewater. Having a good balance of attendees, including field and office workers to managers, from multiple organizations is such an asset as each brings their own experiences

with them to share. The network that is built with other utilities and companies in these classes will be of great value to your operations. This class is very interactive and is not just about frontline customer service. You will be able to bring valuable ideas back to share with your co-workers and managers. Anyone who works in the water or wastewater industry, no matter how long, will benefit from these courses. You will take the real life experience from other professionals that represent much more than a hundred years combined experience working for not only water and wastewater districts but independent contractors, irrigation companies and consultants.

The success of the program comes from having a local arrangements facilitator and or the assistance of a subsection. It is important to have at least 3 different organizations represented and a 50/ 50 mix between field and office personnel. Having a diverse group of people working together to solve customer service related issues, both internal and external, is very useful and enlightening. You can see how the customer relations you have in the field will affect the office staff and the opposite. It also allows for the attendees to learn what other organizations do that works and what does not work. It is a great networking tool. Continuing Education Credits (CEU's) are available for each course.

For updated schedules, please check out the PNWS Customer Service Committee Website at www.pnws-awwa.org/committees If you are interested in finding out more about a course or scheduling the Customer Service Series in your area please contact Gayle Renzelman, Committee Chair, grenzelman@ci.moscow.id.us, 208-883-7106. 

Distribution System Committee

The Distribution System Committee, (DSC) conducted its annual meeting at the 2016 Annual Conference in Boise. Elections for officers were held and Bill Reynolds was elected to his second term as Chair, Pat Everham to Vice Chair and Jeff Austin to Secretary. We were pleased to have our new representative on the Board of Trustees, James Dean of the City of Yakima, attend our meeting. Congrats to James for his new position!

The DSC continues to conduct regular meetings via the PNWS teleconference and GoToMeeting accounts. Meetings are based out of the Kirkland office of PACE Engineers where Section members can participate in person, or remotely from PACE offices in Lake Oswego, Oregon, and Wenatchee, Washington. We encourage interested section members to participate in our bi-monthly meetings by contacting Bill Reynolds at billr@paceengrs.com.

The DSC is hosting a Level 1 Asset Management course in Spokane, Washington on September 29th, which will have been around the time of publishing of this article. We are hopeful we will fill to the capacity of 30 attendees, and provide a captivating presentation! The committee intends to host future courses throughout the Section outside of the Conference schedule in order to provide useful training and CEU's for those that may not be able to attend the Annual Conferences due to scheduling or travel constraints. Keep tabs on our committee website for upcoming classes and events!

Preparations for the 2017 Section Conference next May in Kennewick Washington are under way. The DSC is reviewing submitted abstract, and soliciting other presentations with the goal of preparing a pre-conference seminar and several educational programs on timely and relevant water distribution topics. In addition

the DSC is open to working together with other Committees to host a joint session. Please contact Bill Reynolds if your committee has an interest in teaming up.

We are fortunate to have had a new committee member, Scott Rickert, offer to support the efforts of the Water Loss Control Focus Group. Scott's work in the Water Operations group of Seattle Public Utilities focuses on conservation and loss reduction. We were pleased to have Scott attended one of our last meetings in person and we look forward to his interest and efforts to

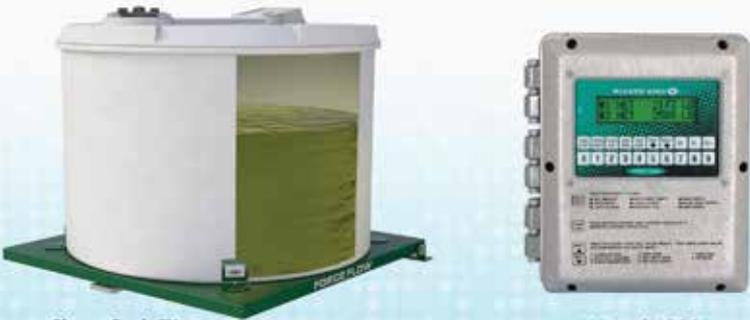
coordinate water loss control training activities for the committee. If anyone has an interest in supporting Scott in his endeavor to enhance the Water Loss Control training and other efforts, please contact him at Scott.Rickert@seattle.gov.

Bill Reynolds, DSC Chair, will be presenting the committee budget and participate in training at the Fall Trustees Meeting in Spokane. The committee will continue looking for opportunities to participate and team with subsections and other committees in training and networking events. 

Keep tabs on our committee website for upcoming classes and events!

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Engineering Committee

This year has been moving pretty fast and the Chair has been struggling to keep up. However, on August 17, 2016 the Committee has held its Mid-Year Annual Meeting at the McMenamins Olympic Club in Centralia, and a BIG Thanks goes out to Bowen, Collins & Associates; Carollo Engineers; and MSA, who sponsored our lunch. The meeting was well attended with three new members, one of whom was from Boise, Idaho! Maybe our outreach program is starting to gain traction. While basic committee business was attended to, the purpose of the meeting was to select abstracts for the 2017 Section Conference and we believe we have a great program put together. In addition to the normal Thursday and Friday sessions, we are planning to have a full day pre-conference seminar, and two early bird sessions.

We just had two great events:

- On August 30, we joined the NWOR Subsection's YPs, the Portland Water Bureau, and Murray Smith and Associates for a tour of the nearly completed Hannah Mason Pump

Station located in Portland, OR. The tour was followed by a happy hour at Buffalo Gap Saloon.

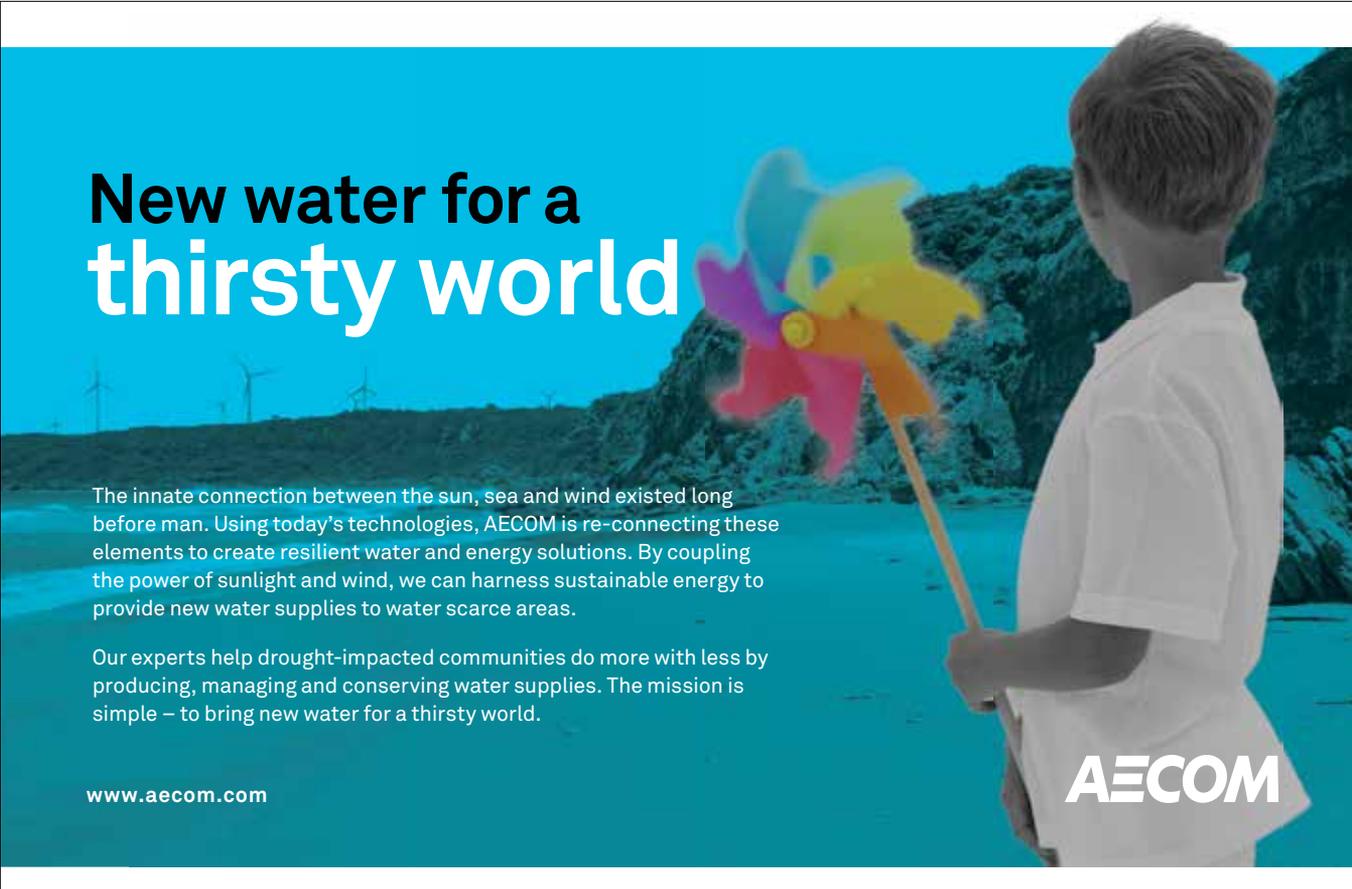
- On September 30, we had a tour into the heart of the Cedar River Watershed which supplies drinking water to the greater Seattle area. This event was open to anyone.

We are planning a couple of additional tours and maybe a training session before the end of the year.

The Committee also discussed changes to the Excellence In Engineering awards. We are looking to reduce the number of pages required for a submittal and reconsidering the judging criteria. We plan to have this worked out in a few months. Look for information in the winter edition of *Water Matters*.

Finally, the Chair is trying to provide more activities during National Engineering Week. While both the Seattle and Portland group have an annual event, the Chair would like to reach out to more high school and college students.

If you are interested in helping out, please contact Jim Konigsfeld at jim.konigsfeld@spwater.org. 



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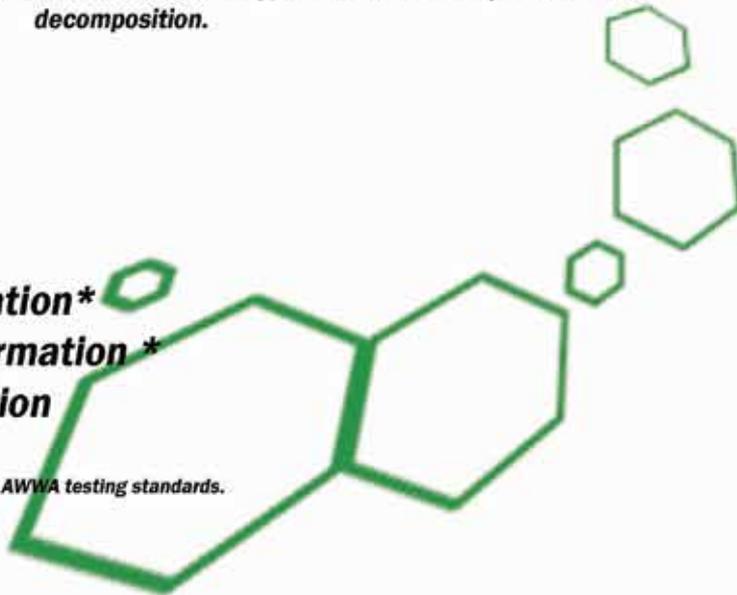
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The Oregon Water Utility Council monitors legislation and regulations that could impact the water industry giving members the ability to help shape these kinds of issues. In addition it provides its members with the ability to network with other water utilities of all sizes. The legislative activities are closely coordinated with policies of the AWWA when applicable.

Meeting locations rotate between Eugene and Salem and with meetings held twice a year outside of the

Willamette Valley to accommodate our members throughout the state. If you are not able to travel to meeting sites, our meetings always allow for teleconferencing.

The legislation that OWUC monitors affects us all. Get involved. If want to know more about what potential bills could impact Oregon Water Providers, contact Suzanne DeLorenzo at sdelorenzo@crwater.com for more information. 

Conference Program Committee

We are in the midst of preparing the Kennewick conference technical program. We received 135 abstracts by the beginning of August, and we want to thank everyone who submitted one, or persuaded someone else to do so. The abstracts were sent to the committees in August, and committees sent us their proposed sessions in September. At the fall meeting in Spokane, we will finalize the technical program. In October and November, we will notify speakers of their schedules and committee contacts, and prepare the CEU application package for submittal to all three states in December.

In January, session moderators will be asked to make

contact with their speakers. As we progress through winter and spring, we'll be working closely with the moderators and the local arrangements committee to nail down those details that make such a difference in how well a program runs. We're looking forward to a good conference in Kennewick.

For program updates, watch our announcements page on the section website at <https://sites.google.com/a/pnws-awwa.org/program-committee/home/announcements>.

You may also contact Ronda Farmer, 253-531-9024, rfarmer@spanaway-water.org or Cheryl Capron, 206-386-1265, cheryl.capron@seattle.gov. 

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Scholarship Committee

The American Water Works Association and our Pacific Northwest Section are built on the foundations of volunteerism and education. The most substantial investment we can make in the future of our water industry is the recruitment and training of qualified operators, engineers and administrators.

The PNWS-AWWA Scholarship Committee has awarded over 200 scholarships to deserving students over the past twenty years to students from 18 different northwest educational institutions. Scholarships are awarded to students in relevant community college programs, the third or fourth year of a Bachelor's degree, or coursework taken toward a Master's degree or PhD.

For the current (2016-2017) academic year, a total of \$27,000 was awarded to eight individuals. Funding for these scholarships came from multiple sources:

- Ameron International
- The Education and Training Endowment Fund
- Contributions from Manufacturer's and Suppliers

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- Conference Registrations
 - Contributions from Kelman & Associates (our publishing partner for *Water Matters*), and the NW Washington Subsection, and
 - Direct contributions from Subsections and vendors
- Donations to the E&T Fund can be designated to create perpetual scholarships in someone's name after the size of the donations exceeds \$10,000. There are currently thirteen named Perpetual Scholarships each year:
- Archie Rice Memorial - Archie Rice served as Section Chair, received the George Warren Fuller Award, and earned the Golden Water Drop Award for 50 years of service to the AWWA. Archie was one of the original 'front-line' guys at CH2M Hill Engineers.
 - Cynthia Driscoll Memorial - Cynthia Driscoll served the water utility industry as a spokesperson that managed her utility effectively, served on numerous state committees, and provided leadership to the Section. Cynthia's courage and commitment to drinking water was evident as she spent the last year of her life dedicated to the Section's **success** in her role as Section Chair.
 - Legacy Memorial - The Legacy Scholarship honors a number of individuals dear to the section. These individuals have had money donated toward a perpetual scholarship, but have yet to reach the threshold to have a single scholarship in their name. This list includes (alphabetically) Al Chevez, Katherine Goodman, Henry Grycko, Roger James, Kathy Merry, Fred Merryfield, Clayton Michael, Chuck Moore, William Mullen, Drew Seibel and Marlene Stiles.
 - Pettie/Stiles Memorial - Ray Pettie and Bob Stiles set the stage for cross-connection control and backflow prevention training in our region. They were the prime movers for the famed "yellow manual" which has been used as a model for many

- of the nation's cross connection control programs.
- Alan Jones Memorial - Alan Jones was the General Manager of McMinnville Power and Light for decades, but professionally he favored water. He served as Section Chair and was a George Warren Fuller awardee.
- Jim Doane Family - Jim Doane worked as an Engineer for the Portland Water Bureau for 27 years including being their chief engineer. Jim continues his involvement with drinking water by serving as a commissioner at Tualatin Valley Water District. Jim received AWWA's Distinguished Public Service award in 2013.
- Bob Wubbena Family - Bob Wubbena's sustaining efforts supported not only our section, but also the national AWWA and Water for People. Bob is a Life Member and Honorary member of the AWWA, served as Section Chair and AWWA President. His recognitions include the George Warren Fuller Award, Outstanding Service to AWWA Award and Distinguished Public Service Awards.
- Northwest Washington Subsection - Subsections are the backbone of the Section. The Northwest Washington Subsection stands out as a supporter of the next wave of water professionals.
- RH2 Engineering - The RH2 Engineering scholarship is representative of the firm's generosity and support of the Pacific Northwest Section.
- Past Chairs Committee - The Past Chairs scholarship honors all past Section Chairs.
- Southern Oregon Subsection - Subsections are the backbone of the Section. The Southern Oregon Subsection stands out as a supporter of the next wave of water professionals.
- Al Alsing - Al Alsing served the City of Ashland, Oregon

for 36 years, starting as Assistant City Engineer and Water Superintendent. As Director of Public Works, he supervised and managed many infrastructure improvements still in service today. Al was an active volunteer and leader in his community, and served as an AWWA National Director.

- Chris Uber - Chris was extremely dedicated to AWWA; Murray, Smith & Associates, Inc.; his clients; and especially, his family. He was an optimistic, service-oriented, humble engineer, and a great and loyal friend. Through his charisma and enthusiasm, Chris encouraged and motivated his peers and friends to achieve their potential. Throughout the industry and among friends, Chris was widely known and admired for his compassion and generosity, and for his unique and infectious sense of humor. He served as a role model for many.

So what's in it for YOU? You can: Donate to the E & T Fund. It is a great tax-deductible way to help the next generation of leaders enter our field.

- **Support and encourage co-workers, friends and friends of friends to apply for one of the scholarships. Applications for the 2017-18 academic year will be available in January on the Scholarship**

Committee webpage.

- Convince your Sub-Section to support the E & T Fund or establish a scholarship program within your Sub-Section.
- Sponsor a scholarship of your own, or
- **Apply for a scholarship and continue your own education.**

Dave Leland - david.e.leland@state.or.us 



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Seattle Women in Leadership – Ad Hoc Committee

This past February was another fun and inspiring day at the Women in Leadership Symposium in the greater Seattle area. “Get Inspired, Be Bold, Now Rise to Meet the Challenges Ahead” was held at the Mercer Island Community Center where 150 women spent the day learning, sharing and networking with Danielle Pedi of The Bill & Melinda Gates Foundation, Robin McPherson from the Washington State Attorney General’s Office, Marla Smith- Nilson of Water 1st and an afternoon full of technical, communication and leadership skills building opportunities. The day was topped off with a networking wine tasting session.

SAVE THE DATE for next year’s symposium – February 15, 2017. Any questions, please contact the co-chairs Katy Isaksen ([kathy@kisaksenassociates.com](mailto:katy@kisaksenassociates.com)) or Lara Kammereck (LKammereck@carollo.com). You can find us listed on the PNWS website under Personal Leadership Committee. 



Seattle Women in Leadership Planning Committee, February 2016 WIL Symposium.



Attendees networking at Women in Leadership Symposium.



Robin McPherson, WA State Attorney General's Office.

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Subsection Advisory Council

What is the Subsection Advisory Council?

The Subsection Advisory Council is to promote, facilitate and coordinate the goals of AWWA at the individual membership level. The committee shall act as a communications liaison between the individual AWWA member, or potential member, and the Section. The Subsection Advisory Council shall provide a forum which may serve as an extension of the other committees of the Section, including but not limited to Membership, Safety, Education, Cross Connection, Small Systems and Water For People.

With this in mind the committee is working to improve the yearly report process to make it more efficient for both those preparing them and those using them.

As reminder from the summer quarter report, the SAC has three state representatives ready to help with your subsection activities, all have a wealth of knowledge. Ed Heidt (heidt@skagitpud.org), Max Woody (max.woody@centralpointoregon.gov), Cory Baune (cbaune@jub.com) are available to serve you as the Washington, Oregon and Idaho Coordinators respectively. In addition to this

support, please refer to the SAC website for information and valuable resources, including but not limited to Scholarships and competitions.

As you contemplate expanding the role of your subsection, please look to the SAC website for information regarding all the competitions. Note that practice meters are now available, please go the AWWA Meter Madness site <http://go.badgermeter.com/MeterMadness2017.html> to order them now.

Please contact us for ideas on training that you would like to host. We will assist you on how and where to reach out to professionals in the industry than can present training courses. Make sure to use the section resources for promoting your training, regular email blasts to the membership can complement your webpage and other means of advertisement. These training events present an excellent opportunity to promote new membership, by reaching out to water industry non-members to promote the PNWS AWWA. Please refer to the Membership Committee for material and resources regarding membership. 



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Training Coordination Committee

Looking for a place to get involved? The TCC could be for you.

Technical personnel can offer their expertise by being trainers for our 'training in a box' courses. These courses are fully developed with the material and approved CEUs ready for use, and have been offered throughout the section with great success. Course topics are:

- Arc-Flash Awareness (CEU approved)
- Basic Water Works (newly updated and CEU approved)

- Emergency Preparedness (coming Fall 2016 – instructors needed)
- Water Storage (coming Spring 2017 – instructors needed)
- Chemistry for Operators (coming in Fall 2017)

For non-technical folks, this is a great committee to join. Organizational skills and a desire to promote quality training are very useful in helping meet our mission. And you get to work

alongside some amazing people.

Intrigued? Join a couple of our phone meetings to test the fit. Committee Chair Loren Searl has the details: 509-625-7960 or lsearl@spokanecity.org.

The Training Coordination Committee's mission is to ensure that training opportunities are available to water professionals throughout the Northwest. [!\[\]\(45508b8427911c5831891e2446b8470d_img.jpg\)](#)

Water Conservation Committee

The Water Conservation Committee held its annual Summer Meeting in Vancouver, WA on August 25th, 2016. The meeting topic was "**Connecting Customers with Water Conservation**" and focused on how utilities are finding creative and effective ways to communicate with customers. Attendees heard from Karen DeBaker of Clean Water Services on how to engage, reassure and motivate communities and Daniel McArdle-Jaimes on how the Alliance for Water Efficiency approaches communicating

the value of water. The day ended with a tour of the City of Vancouver, WA Water Resource Education Center led by City of Vancouver Environmental Resources Manager, Rich McConaghy.

Water Conservation Committee members also reviewed and discussed abstracts submitted for the 2017 PNWS Section Conference. The Water Conservation Committee is collaborating with the Water Resources Committee on a technical track exploring Water Conservation as a Source of Supply as communities continue to look for ways to use conservation and efficiency measures as a cost effective means of developing new supply.

Several Oregon based Water Conservation Committee members attended the June 16th, 2016 Oregon Water Utilities Council meeting in Keizer, OR to discuss a variety of topics related to drought and water conservation. Oregon Water Resources Department updated the group on the state's perspective and responsibility on drought and water conservation. Attendees discussed the challenges of drought policy, communications and public understanding. The meeting concluded with a spirited presentation from Mary Ann Dickinson, President and CEO of Alliance for Water Efficiency, on the state of the utility industry as it relates to water conservation and efficiency.

August also marked the release of the Alliance for Water Efficiency's Water Conservation Tracking Tool. The Tracking Tool is an Excel-based model that can evaluate the water savings, costs, and benefits of conservation programs for a specific water utility. Using information entered into the Tracking Tool from the utility's system, it provides a standardized methodology for water savings and benefit-cost accounting, and includes a library of pre-defined conservation activities from which users can build conservation programs. The Tracking Tool includes a detailed User Guide and is available free of charge to all AWE members in good standing.

Upcoming Dates:

WaterSmart Innovations Conference

– registration open
October 5-7, 2016 | Las Vegas, NV
www.watersmartinnovations.com

Irrigation Association Irrigation

Show – registration open
December 5-9, 2016 | Las Vegas, NV
www.irrigation.org/IrrigationShow

Mike Buettner – Chair
mbuettner@bendoregon.gov
Amy Geerling – Vice-Chair
Amy.geerling@hillsboro-oregon.gov
Mark Taratoot – Secretary
mark.taratoot@corvallisoregon.gov [!\[\]\(263994d322ae2ba986be478731fe8606_img.jpg\)](#)



Judi Ranton's final WCC Summer Meeting after 20+ years of service.

Water Resources Committee

The mission of the PNWS-AWWA Water Resources Committee (WRC) is to develop educational and professional networking opportunities, and to share experiences and expertise among water providers and other water stakeholders in the Pacific Northwest.

Tr!-Cities 2017

The abstracts are in and technical sessions for Tr!-Cities 2017 are taking shape. Our committee is working with the Water Conservation Committee to organize a session on the topic of water conservation as a source of supply. WRC plans to sponsor another session on the topic of municipal water resources planning in response to climate change. WRC is exploring collaboration with another committee on a third technical session as well.

First summer field trip success!

The Water Resources Committee conducted its first summer field trip tour on the topic of leveraging ecosystem services to enhance water supply resilience. Tour reservations filled quickly and attracted attendees from the Young Professionals Committee as well as some faithful WRC members. The weather was summery hot but cooler next to the ponds and rivers. For those of you unable to attend, stay tuned for a slideshow report about what we learned and saw during the tour. Our committee will consider scheduling another field trip next year.

Join us for monthly planning meetings

You are invited to share your ideas and interests for training topics and

networking opportunities at our monthly planning meetings. You can take a peek at what we are up to by viewing meeting materials posted each month in a new section of the WRC Google site. We schedule a meeting room in the Portland Metro Area, but call-in numbers are provided for every meeting.

WRC Leadership for 2016-2017

You can reach out to any member of the WRC leadership team with your great idea using the contact information provided:

- Chair: Jill Hoyenga, Eugene Water & Electric Board, jill.hoyenga@eweb.org
- Vice-Chair: DeEtta Fosbury, GSI Water Solutions, dfosbury@gsiws.com
- Secretary: Lizzi Haas, EA Engineering Science & Technology, ehaas@eaest.com
- Past-Chair: John Lambie, E-PUR, LLC, jlambie@e-purwater.com



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Water For People Committee

As the Water For People fiscal year comes to a close (September 30), we are looking ahead to 2017. Thank you to our many volunteers and sponsors of all of our events. We couldn't do it without your support and hard work!

How can you help?

Contact Kristin Young kyoung@rh2.com to find out how you can get involved in the Water For People committee at the section or local event level! We are looking to expand our awareness efforts, grow our existing events, and help subsections with new events. Have an idea? Let us know!

Want to be in the know about Water For People events? Be sure to visit the Water For People committee website for all the latest throughout the Section – just visit the PNWS-AWWA site and find us under Committees. From golf

tournaments, beer tastings and wine gathering, all our fundraising event are sure to please. Don't forget to register for some of our upcoming events. See website for details: <https://sites.google.com/a/pnws-awwa.org/water-for-people/upcoming-events>



water for people

- October 22: South Sound Subsection Wheels for Water
- November 10: Southwest Idaho Wine for Water, Telaya Winery

Interested in starting a Water For People event? Visit the Water For People Website to learn all about Water For People: www.waterforpeople.org

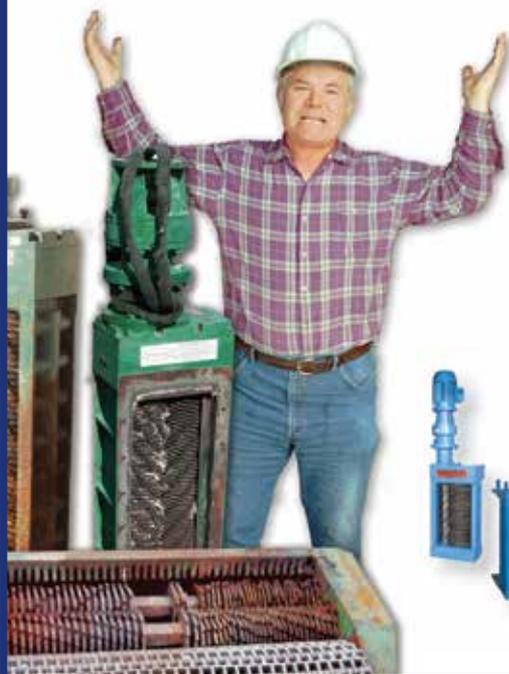
Ideas and helpful resources can be found on the Water For People Brandfolder: <https://brandfolder.com/wfpvolunteers>

You may also contact one of the following officers:

- Kristin Young, Chair
kyoung@rh2.com
Ronda Farmer, Vice Chair
rfarmer@spanaway-water.org
Erin Nishikawa, Secretary
enishikawa@aesgeo.com



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Anniversary
water for people

Young Professionals Committee

The Pacific Northwest Young Professionals (YPs) are a dedicated group of young professionals and students who are excited to engage with all that AWWA offers. After participating in a full summer of events, we have the Pacific Northwest YP Summit and other excellent events planned for the fall. These events are a great chance to learn powerful skills to enhance your career and network with other like-minded professionals and students in the water industry. Check out some of the past events and future opportunities coming up for the PNWS YPs!

2016 Pacific Northwest YP Summit

On November 4th, 2016 the PNWCA and PNWS-AWWA Young Professional (YP) chapters will join together for the second annual Pacific Northwest YP Summit in Puyallup, Washington. Mark your calendars! The full-day program will be centered around the theme of "Leadership in the Water Industry". The program will start-off with a presentation from our key note speaker, Nicki Pozos (HDR), a well known leader in the engineering community, followed by several interactive sessions focusing on skills for young professionals to elevate their careers. Continuing Education Units will be available to attendees. To wrap up the Summit there will be a networking happy hour, with appetizers and drinks provided. Transportation for attendees from mass transit (AMTRAK, Bolt Bus, Sounder, etc.) will be provided by the South Sound and King County subsection YP committees. Sponsorship opportunities are available for interested organizations. Registration information will be sent through the PNCWA and PNWS-AWWA networks soon. For more information, questions, or to volunteer, please contact Candice Au-Yeung at 425-233-3080 or

Candice.Au-Yeung@ch2m.com.

Friday, November 4, 2016,
8:00am - 5:00pm
Washington State University
Puyallup Research and
Extension Center
2606 W. Pioneer Ave.
Puyallup, WA 98371

PNWS YP Career Fair Kits

The YP Committee, in conjunction with the 2020 Vision initiative, have been working to make participation in career fairs and other events easier for our members. In August, the 2020 Vision Committee debuted a new portal on the PNWS-AWWA website that hosts printable materials for career fairs, networking events and supporting student chapters. This renovated website is part of a shift in strategy from distributing pre-printed materials via mail to distributing electronic documents within the organization.

The first step to planning any YP event should be viewing the wonderful YP Events Toolbox document that has been published to the website. This document provides excellent guidance on hosting many types of events. It is viewable at (<https://sites.google.com/a/pnws-awwa.org/2020-vision-initiative-committee/documents/events>).

This summer each subsection was provided with an outreach kit for use at career fairs and other events. These documents are on the website and can be downloaded and printed locally for events. Please visit the 2020 Vision Initiative page (<https://sites.google.com/a/pnws-awwa.org/2020-vision-initiative-committee/home>) for help planning your event!

Upcoming PNWS YP Events

We've gone digital! Upcoming PNWS YP Events are now published on our Facebook page at www.facebook.com/PNWSoFAWWAYPs/events. Please follow us for the latest on site tours, networking events, scholarships, scavenger hunt, and all the other fun YP events during the year. A sample of recent events:

- Anacortes Water Treatment Plant Tour - September 16, 2016 in Anacortes, WA.
- Northwest Oregon Young Professional 6th Annual Wine for Water - September 19, 2016 at Plum Hill Vineyards, Gaston, OR.
- Cedar River Watershed Tour - September 29, 2016 in King County, WA.
- South Sound Subsection YP Social - September 29, 2016 at the 7 Seas in Tacoma, WA.
- King County Subsection Whiskey for Water - October 8, 2016 at Copperworks Distilling & Tasting Room
- South Sound Subsection Wheels for Water - October 22, 2016 at LeMay - America's Car Museum

Check Facebook for the latest information on all upcoming events during the fall.

Follow us on Social Media

The Young Professionals Committee continued a steady presence on social media throughout the year. The Facebook page is updated at least weekly with upcoming events, job openings, and training announcements. Visit our Facebook page: PNWS of AWWA Young Professionals to stay connected with us!

Also, check out our PNWS website for information on upcoming YP and Student events: www.pnws-awwa.org. To submit information on events and/or pictures, please contact Kristen Brastad at kristen.brastad@gmail.com.

Participate and Stay Connected!

Want to join the YP Committee? Join us in our efforts to connect students and YPs with PNWS-AWWA. There are many ways you can help: event planning, leadership roles, career fairs, scavenger hunt planning, helping to get a student chapter going, and much more! Contact YP Committee Chair Dan Reisinger for more information dreisinger@carollo.com. 

CONTROL IN ALL SIZES

Available in several configurations, our CP800 is the pup of the pack. It provides communications to standalone third-party devices that need to be tied into a system such as flow meters and data loggers. Our versatile CP820, the working dog, is ideal for controlling water supply wells, storage tanks, PRVs and small lift stations. And our CP850, the big dog in the pack, is designed for large lift stations and booster stations.

In short, we have you covered – at a cost that works. Both the CP820 and CP850 can be used as standalone controllers. But their advanced capabilities are best utilized when bundled with Affordable SCADA's Machine-to-Machine (M2M) Network and hosted HMI. This connection brings the pack together and gives you the control and instant information you need to efficiently keep your system going.

With this complete package, the communications network and HMI are constantly monitored and maintained by AFFORDABLE SCADA. The whole pack works together to ensure robust and secure operation of your system. And expanding the pack can be done one dog at a time or several, whatever works best for you to accommodate your budget, your needs and your peace of mind.

RTUs Controlling Your Infrastructure

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Like the whimpering pup of the pack, it gets the message across

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- No Control
- Ideal for standalone devices such as flowmeters, data loggers, etc.
- Multiple Protocols

CP820

This working dog will flush out most any problem

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- Ethernet Communications
- Ideal for Wells, Tanks, PRVs
- Multiple Protocols

CP850

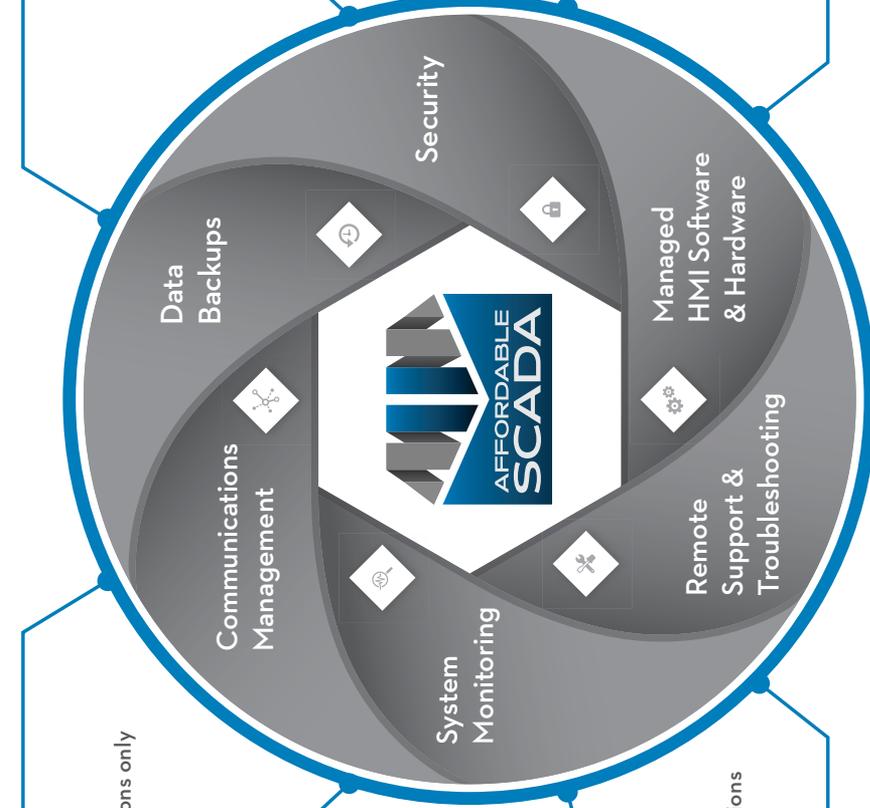
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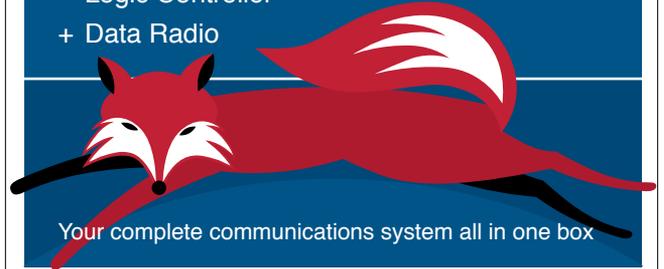
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Inland Empire Subsection

Summer in the Inland Empire region wrapped up with an IESS BBQ at Millwood Park. We had hotdogs, burgers, and sodas, combined with a nice friendly potluck, with others bringing side dishes and sweet treats. Scott Inch made his famous elephant ears, and Dion Holton was busy giving out prizes for kids and adults. This is always a fun little networking and summer catch up event we enjoy doing for our members.

Now well into our fall mode, we have just finished an Asset Management Class that was offered in Spokane by the PNWS Section, with Shiv Iyer, and Doug Dailey as instructors. We also put together a Meter Class in October, and have two more classes coming up before the New Year. We have a representative from Mueller Company

coming in to present a Valve, Hydrant, Service Lateral, Meter Installations and Operations training class, November 9, and we have a DOH Washington regulation class being presented December 7 in Spokane Valley.

We had a terrific turn out for our IESS Golf Tournament at Downriver Golf Course. The course just celebrated their first 100 years as a golf course. Our event took place a week after, on September 24. Lots of prizes, lots of fun, a raffle, sponsored holes, and lunch were part of the fun. Proceeds from the event went towards scholarships in the water industry.

If you have any questions you would like to ask IESS, please feel free to contact our President, Lance Peterson at lpersonnsid8@gmail.com.

We had a terrific turn out for our IESS Golf Tournament at Downriver Golf Course. Proceeds from the event went towards scholarships in the water industry.

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Water Utility Solutions

King County Subsection

It has been a busy Spring and Summer at the King County Subsection. Several King County Subsection members attend the PNWS-AWWA Conference in Boise. Thanks to all who helped put on a great conference! **Our subsection was able to contribute \$750 to the Covington Water District Tapping Team to support their participation.** They did a great job (for first timers!) and placed in the middle of the pack.

Administratively, we 'passed the baton' from Laurie Fulton to Doug Schlepp to lead our group. Thanks to Laurie for her tenure as our President and we look forward to Doug's future stewardship. We have also been actively updating our website to make it more user-friendly as well as similar in look and content to our fellow subsections.

Fall 2015 Training

The King County Subsection will be sponsoring the following course this Fall:

Condition Assessment Techniques for Water Utilities –
Thursday, September 29, 2016 at the Bellevue Service Center, 2901

115th Ave NE, Bellevue, WA. The cost is \$100 for members and \$125 for non-members and includes breakfast and lunch as well as **0.6 CEUs.** This **workshop has been designed as an extensive hands-on experience.** The workshop includes:

- The condition assessment workshop content is integrated into the USEPA's Asset Management Framework and the Reliability Centered Maintenance Framework. **The workshop will focus on demonstrating, step-by-step, how an agency would select and put into practice a well-balanced condition assessment program for their water utility.**
- Is built around **participant exercises** that demonstrate the concepts, techniques and tools of reliability centered maintenance and condition assessment.
- Is centered on **case study-based mentoring** by expert condition assessment practitioners.

Future training events that are in planning include:

- Aquifer Storage and Recharge Workshop - January/February 2017
- Electrical, Telemetry, AMR/AMI Workshop –Winter 2017

- Service Truck Expo - Spring of 2017, tentative
- Customer Service Workshop- Spring/Summer 2017

More information will be posted to our website as details/dates are firmed-up.

Social Events/Water For People/YP Activities Update

- **King County Subsection's 21st annual Golf Tournament is set for Friday, September 16, 2016 at the Washington National Golf Course (ie home of the University Washington Huskies Golf Teams).** The cost is \$115 and includes breakfast, lunch, prizes and golf on one of the area's best courses! It is a great way to get out and meet your fellow AWWA members and have a great time networking and golfing on a beautiful summer day. **Please register on our webpage and we look forward to seeing you!**
- **Running for Clean Water Fundraiser** event by Geneva Schlepp concluded on 8/13/16 and helped raise \$5,845. Thank you to Geneva for donating her time and running skills to help out for this worthy cause!
- **Whiskey for Water** event is being organized for Saturday, October 8, 2016. The event is scheduled for October 8, 2016 from 7-10 pm at Copperworks Distillery in Seattle. This is a new fundraising event for Water For People and includes whiskey, gin and vodka cocktails; along with craft beer and **free** non-alcoholic beverages for our best friend, the designated driver. There will be heavy appetizers, a silent auction and raffle prize giveaways. **For more information please visit our website.**
- **2nd Annual YP Summit** – The next YP Summit is schedule for Friday, November 4, 2016. Several King County Subsection SP's plan on attending and being part of the round table discussions. This is a newer event, but has great content and information for people new to AWWA, so we hope to see you there! 

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Northwest Washington Subsection

5th Annual Wine for Water

Event – A wine tasting and auction benefiting Water For People was held Friday September 9 at Carpenter Creek Winery in Mount Vernon, WA. Good wine, good food, music and conversation were the ingredients in this annual event that helped raise money for Water For People and continue the NWWA Subsection’s outreach.

Water Quality Communications

Workshop – Held on September 14, 2016 at Brightwater Environmental Education Center in Woodinville, WA. The workshop was jointly sponsored with PNWS Water Quality and Public Information Committees. Attendees earned 0.5 Water CEUs.



Eddy the AWWA Mascot with several of our NW WA board members. From left to right: Jeff Marrs (Director), Jeff Lundt (WA Trustee and Short School Liason), Ben Scrace (Director), Bridget August (President), and Eric Schey (Treasurer)

Basic Waterworks Workshop

– Held on September 20, 2016 at Lynden City annex in Lynden WA. The workshop provided an orientation to water utilities and water quality protection for new employees to the utility including treatment plant staff, distribution crews, office staff, engineers and others. Attendees earned 0.6 Water CEUs for the classroom presentations and 0.7 Water CEUs if they also attended the Lynden WTP tour at the end of the day.

Training Schedule

The Northwest Washington Subsection will be sponsoring training for operators, engineers and managers in the summer/fall of 2016. Events scheduled so far include:

Water Treatment Workshop

– October 20, 2016, Alderwood Water & Wastewater District offices, Lynnwood WA. 0.6 CEUs. The annual workshop will focus on treatment and regulatory topics of interest and practical application for treatment plants in the region. This year’s workshop will focus on raw water reservoir issues, presented by staff from Everett Public Works, Skagit PUD, and Bellingham Public Works. DOH staff will present current regulatory topics including changes to the Operator rules and report on their Disinfection Data Integrity project.



Emergency Preparedness Workshop – Fall, Location TBD.

0.6 CEUs. The most recent “training-in-a-box” program from the PNWS Training coordination Committee, this training will cover a wide variety of topics related to the emergencies that water utilities might experience, how to prepare for those events and how to survive them.

Basic Waterworks Workshop

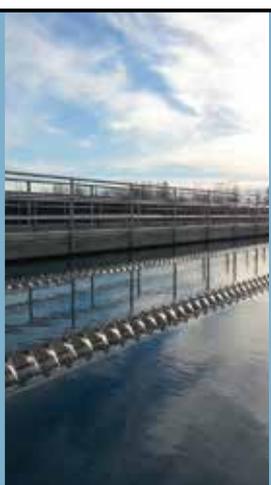
– November, 2016 in Snohomish County at a location TBD. 0.6 Water CEUs. The workshop provides an orientation to water utilities and water quality protection for new employees to the utility including treatment plant staff, distribution crews, office staff, engineers and others.

For additional information or to sign up for email notification for these or any Northwest Washington Subsection workshops go to the subsection webpage on the Section’s website (www.pnws-awwa.org) or contact Jeff Lundt at jeff.lundt@kingcounty.gov or 260-477-5582. 

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Southern Oregon Subsection

Best Tasting Water, Meter Madness and Gimmicks & Gadgets - Subsection Meeting - March 3, 2016

The Southern Oregon Subsection held the Best Tasting Water, Meter Madness and Gimmicks & Gadgets competitions at the winter subsection meeting in Grants Pass, OR on March 3, 2016. The City of Ashland won this year's best tasting water competition. The judges were from a local media outlet, Neilsen Laboratory, the Mayor of Grants Pass and a local business owner. Greg Hunter (also City of Ashland) won the Meter Madness Competition, and Mike Blake (City of Central Point) won the Gimmicks and Gadgets competition.



Congratulations to the winners!

Southern Oregon Subsection Young Professional Event - May 18, 2016

On May 18, 2016, the Southern Oregon Subsection organized a tour of the Ashland Water Treatment Plant for an upper level Hydrology class from Southern Oregon University. There were 25 students who attended. We started out with the treatment plant tour led by Water Treatment Plant Supervisor, Greg Hunter followed by a tour of Reeder Reservoir and Hosler Dam. After that, the students along with their professor Charles Lane, Julie Smitherman (City of Ashland), Greg Hunter, Max Woody (City of Central Point) and Rachel Lanigan (Carollo) all went to a local restaurant (Standing Stone Brewery) where we gave a presentation to the students about the benefits of AWWA and how it could benefit them now and in the future. Each of us from the Sub-Section gave

a description of our jobs and how we got involved in AWWA. We had pizza and fries and each student got a drink ticket. Nancy Sullivan from AWWA National sent us lunch box bags to hand out to the students, which they all greatly appreciated. The students asked some wonderful questions and left really pumped up and excited about the water industry. Of the 25 students who attended, 18 of them signed up to be on our email list and each wanted a membership packet for PNWS-AWWA. All in all the event was a success and it wouldn't have been possible without the generous **sponsorships from MSA and Carollo.**



Subsection meeting - June 3, 2016

On June 3 we held our quarterly subsection meeting on the Oregon Coast in Bandon Oregon. Highlights of the meeting were the handing off of the gavel from Greg Hunter to Julie Smitherman and a presentation after the general meeting given by Chris Young from DN Tanks (and a current Section Trustee) on Building Seismic Resilience into New and Existing Concrete Tanks.

Oregon Water Utility Council Meeting - August 12, 2016

The Medford Water Commission and the Southern Oregon Subsection also hosted the Oregon Water Utility Council meeting on Friday, August 12, 2016. Each year we host the meeting in conjunction with our golf tournament; so immediately after this meeting on Friday

The students asked some wonderful questions and left really pumped up and excited about the water industry.

there is a practice round of golf leading up to our golf tournament on Saturday. We want to thank the OWUC committee for scheduling this meeting here each year and we hope they are able to come back to Southern Oregon again next year.

Water For People Golf Tournament – August 13, 2016

The Southern Oregon Subsection held their 5th annual golf tournament on Saturday August 13, 2016 at the Stone Ridge Golf Course, to benefit Water For People. There were a record number of golfers this year, 60 golfers as well as 21 sponsors. Each year, the tournament continues to grow and we get to see some new faces from the Section. The Southern Oregon HEAT played a role in the tournament this year and I want to thank everyone that golfed for bearing with the 100+ temperatures on Friday and Saturday. I would also be remiss if I did not recognize some of our sponsors that have been with us since we brought this tournament back to life 5 years ago; **EJ (formerly known as East Jordan Ironworks), RH2 Engineering, DN Tanks, Murray Smith and Associates, RBUCC and the SO Mafia.** Thanks to these sponsors as well as the other sponsors of this event for helping to raise over \$5,000 for Water For People!

Subsection meeting – September 1, 2016

Our last quarterly meeting was September 1 at the Talent Community Center 104 E Main St, Talent Oregon at 10:00 am. There was program immediately following the general meeting on Water System Resilience-From Source to Tap by Rachel Lanigan PE and Jenn Minton PE from Carollo Engineering.

If you want to be a part of the Southern Oregon Subsection or join us for upcoming events, please contact President, Julie Smitherman at 541-552-2062 or julie.smitherman@ashland.or.us. For more information on what our subsection is up to, check out our website under the Subsection tab at www.pnws-awwa.org. 



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www.awwa.org/tenureawards.

We wanted to take this opportunity to celebrate with our PNWS members who have achieved this anniversary milestone. *Happy Anniversary!*

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- Our computer-to-plate technology reduces the amount of chemistry required to create plates for the printing process. The resulting chemistry is neutralized to the extent that it can be safely discharged to the drain.
- We use vegetable oil-based inks to print the magazine. This means that we are not using resource-depleting petroleum-based ink products and that the subsequent recycling of the paper in this magazine is much more environment friendly.
- During the printing process, we use a solvent recycling system that separates the water from the recovered solvents and leaves only about 5% residue. This results in reduced solvent usage, handling and hazardous hauling.
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- Within the pages of each issue, we actively encourage our readers to REUSE and RECYCLE.
- In order to reduce our carbon footprint on the planet, we utilize a carbon offset program in conjunction with any air travel we undertake related to our publishing responsibilities for the magazine.

*So enjoy this magazine...and **KEEP THINKING GREEN.***

Surveying: An Under Appreciated Fundamental

We all owe a great debt to surveyors for boundaries, roads, railroads, maps of uncharted territory in the American west, and our water systems. Their feats were truly heroic in the 18th and 19th centuries, especially since the Pacific Northwest was wild and filled with dense forests. As land was cleared for settlements, roadways and rivers were opened up for navigation. Surveying in this environment required techniques and instruments quite different from those traditionally used in Europe, where most of the land was open.

So, what tools did they use as they crossed the continent and enabled settlement?

- Gunter's Chains - consisted of 100 links, each measuring 7.92 inches, for a total of 66 feet of measurement. The chain is stretched out along a defined path and secured with steel pins...the process is repeated until the survey reaches the final endpoint.
- Surveyor's compass
- Ramsden's theodolite - a surveying instrument with a rotating telescope for measuring horizontal and vertical angles; the size, weight, need for repair, and cost of these instruments made them impractical for most field surveys in the young United States
- Transit – although similar to theodolites, early transits were simpler, and became the most important surveying instrument after the chains, it replaced the theodolite in most U.S. surveys because it was rugged, economical and efficient (it could take sights forward and backward along the line). It later included levels and vertical arcs and circles.
- Plumb bobs – which consist of a weight on the end of a plumb line
- Ranging rods – surveying instrument consisting of a straight rod painted in bands of alternate red and white each one foot wide, and used for marking the position of stations and for sightings of those stations, as well as for ranging straight lines.
- Surveyor's fieldbooks – for recording surveying records, and stored for future reference, it needed.

A Surveyor's Story and the Naming of a River

In 1867 a Portland engineer and photographer, Charles Talbot, was sent out with a small party into the Cascade mountains east of Portland to make "Government surveys." He bushwhacked through forest and dense shrub and found a small river, which he followed to its headwaters. As he followed the river back down to its mouth (surveying the entire way), he came to one of the few homesteads in the area. Crossing a small clearing his group surprised a bull in the pasture. The bull chased Talbot, who threw down all his surveying equipment and ran for cover, which he finally found on the lee side of a large log. Of course, he became an object of considerable ridicule by his compatriots, and the story was told many times in Portland. This episode (retold in a 1911 newspaper article) of the surveyor and the bull gave the river its name, the Bull Run. It was Talbot who told the Portland Water Committee to consider the Bull Run river for its water source.

Thank you surveyors past and present for all you do for us, hopefully you are no longer chased by bulls. 🐃



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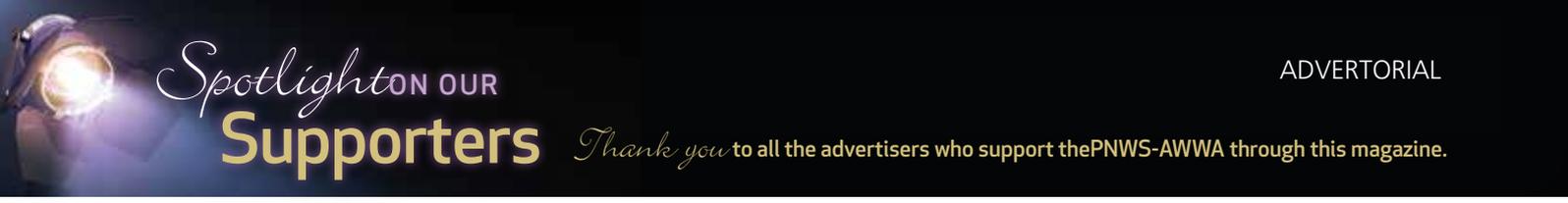
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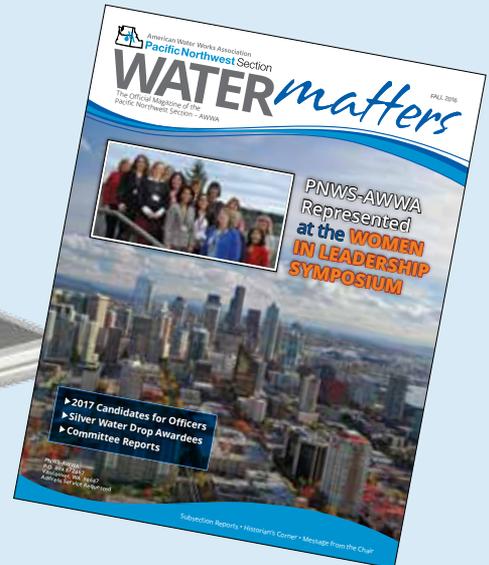


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2017 CANDIDATES FOR OFFICERS

Pacific Northwest Section Nominating Committee presents the following candidates for 2017. Watch for your ballot in the mail soon. You will vote for one of the three candidates for Chair, as well as one of the candidates in **each** of the three Trustee categories: Washington, Oregon/Idaho, and Trustee At Large. Each of the three trustee positions is for a two-year term. The Chair will serve one year as Chair-Elect, one year as Chair, and one year as Past Chair.

The successful candidates will take their place on the Pacific Northwest Section (PNWS) of the AWWA Board of Trustees in May 2017. They will vote on many issues that AWWA will face over the coming years. When you receive your ballot, please take the time to cast your vote for the candidates that you feel are most qualified to represent you on the PNWS/AWWA Board of Directors.

- Chair:** Mel Damewood, Jennifer Garbely and Mike Whiteley
Washington Trustee: Ronda Farmer, Sam Perry, Tony Lindgren
Oregon/Idaho Trustee: Julie Smitherman, Mike McClenathan, Jamie Porter
At Large Trustee: Pat VanDuser, Lynn Williams Stephens, Cory Baune



CHAIR ELECT



Mel Damewood III, PE
 Chief Engineering
 & Operations Officer
 Eugene Water & Electric Board

I am deeply honored to be considered for Chair of the PNWS and to continue to serve and support the organization I have been involved with for 35 years. I attended

my first PNWS-AWWA Emerald Empire (now Cascade to Coast) Sub-Section meeting as an engineering student while working summers at Springfield Utility Board. It was intimidating, all this information was flying on overhead projectors and sitting amongst total strangers who had been in the local water industry for years. The professionals in the water industry were always the most welcoming and eager to share their knowledge with those of us who came with less experience. Serving as your Chair would be an amazing opportunity to give back to PNWS.

PNWS has been an integral part of my career since I was an engineering student and has allowed me to serve in a variety of roles with the Section, Subsection and Association.

This experience, including serving as Oregon-Idaho Trustee have providing an understating of the goals, challenges, need and opportunities of our members and of PNWS.

Section

- PNWS Board of Trustees, 2012 - 2014
- Oregon Water Utility Council, Chair 2009/2010
- Task Force Member Oregon Resiliency Plan 2011-2013
- PNWS Oregon Drinking Water Advisory Committee 2010-2013
- Numerous presentations on Resiliency, Emergency Planning, and other topics.

Subsection:

- Cascade to Coast – Chair 1990-91
- Cascade to Coast – Short school, various presentations over the years

Vision for the Section:

PNWS is one of the strongest sections in the Association as far as active involvement and philanthropy, and this doesn't happen by accident. Past Chairs, Trustees and Committee

volunteers came to the Section with vision, strategic plans and the wherewithal to implement those visions to thriving programs they are today. My vision is to build upon this strong foundation, focus on member growth and diversity and enhance resiliency of our aging infrastructure.

I will focus on Past-Chair Randy Black's 2020 vision, with ongoing refinements to meet the rapidly changing landscape of our industry. We are about health and safety, we care about our customers and we provide service to them 24/7. Our costumers consume our product, what a great responsibility we have!

I will join AWWA President-Elect Brenda Lennox in her efforts to attract more diverse members including women, veterans and people seeking a new career in our industry. Knowledge retention and transfer is important as the aging baby boomer generation is retiring with a focus of attracting young talent. Our industry is more altruistic in nature than other industries that vie for the same talent so Water for People, E&T Scholarships and Community Engineering Corps can be strong recruiting elements for PNWS and the water industry. It will take all of us to attract, foster and retain a diverse workforce in our profession.

The Pacific Northwest and our water utilities are woefully unprepared for a major Cascadia Earthquake. My focus will include enhancing our networking and educational efforts that the Section provides. The PNWS is a key element in

helping us provide resiliency to the drinking water industry. The 2016 Cascadia Rising exercise was proof to me on why this needs to be a focus from an engineering, operations and mutual aid perspectives. Through education, sharing of resources, the PNWS can be resilient in resources, in mutual aid through our WARNs, and to help each other in being prepared for the future. I would enhance our WARN efforts and build a bridge to the California WARN's to improve our ability to respond.

Personal

I have been with EWEB for over 28 years, primarily in the Water Utility, as the Water Engineering Manager. Over the last 5 years my scope has expanded into the electric and telecom worlds as EWEB's Engineering Manager and now most recently, as the Chief Engineering and Operations Officer.

I am married to my wife, Kathy, for over 27 years and we have 4 children; Kaitlyn (25), Ben (23), Chris (21) and McKerra (19), how's that for timing? I am extremely proud of all of them as they are so different and talented in their own ways. I enjoy travelling, hunting when I can, and spending time with my family.

Leading the PNWS is a great honor and I would appreciate the opportunity to help PNWS continue as a leader in the water industry. Thank you again for your support and I look forward to serving the members of the PNWS!

CHAIR ELECT



Jennifer Garbely

Even as one of the strongest AWWA Sections in the nation, there is always room for growth in our organization. Pacific Northwest Section (PNWS) is strong because of its members, who I consider to be part of a large family of professionals with a shared commitment to clean water. We

model family values that include being supportive, honest, loyal, and having faith. I believe that we can continue strengthening our family as we bring clean drinking water to our communities, which is why I am running for Chair. I want to continue engaging new faces, endorsing the 2020 vision, building the E&T Fund, and giving back to the organization that has provided me with so much in my career.

I still have a special place in my heart for young professionals (YPs) as I become a more seasoned engineer. I would not be who I am today without the support and friendship of the YPs of my generation. In the coming years, there will be a wave of retirement in our industry, so it is essential that we, as a Section, foster and nourish the growth of YPs. They are the future of the water industry. I have been

working with the 2020 vision committee to meet goals, which were started by Randy Black in 2015. The 2020 vision is supported by the board and will continue to be an asset to the Section as we continue to strive towards accomplishing more objectives each year. This vision is about attracting new members to the water industry and improving their skills in order to advance their careers.

A critical benefit of the membership is providing affordable education and training. We are great at hosting events, but can still progress in reaching remote, smaller communities. Successful education can't always be measured by how many people attend, so we need to keep up the quality of the training and broaden our reach to new operators, YP's, field crews, managers, engineers, and vendors. I started the YP Leadership training last year in the Portland area, teaming with PNCWA, and this year the training is moving to the Seattle area. The idea of this training is to move it each year within the Section to attract new blood.

The PNWS is paving the way by establishing and expanding the Education and Training (E&T) Fund to support scholarships year after year. The last two years serving as a trustee I learned how this Fund is setup, grows, and funds scholarships to students in the water industry.

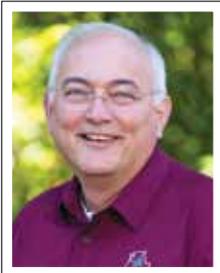
The more we cultivate the E&T Fund, the more scholarships we can give out every year to aid existing AWWA members in their continuing education goals. This program also has the added benefit of encouraging new members to join us, knowing that they will be supported by the Section.

Besides our ability to put on high quality training events, we pride ourselves on our generosity. Thousands of dollars are raised each year for Water For People. For the past four years I have been the chair of the NW Oregon Wine For Water event and understand the time and effort that is involved in hosting. The passion and dedication people put

into Water For People events across our Section warms my heart and makes me so proud to be a donor. I have lived and worked overseas, and know for a fact that we are making a difference. The look in a child's eye after receiving access to clean drinking water is priceless.

On a personal note, my family has also grown this past year. I gave birth to our son Brix Isaac Garbely, Daddy calls him Biggy Smalls. My daughter, Syrah, calls her baby brother Spotty. I can't thank my husband Dan enough for his continued love and support as new adventures flourish in our lives. I look forward to helping advance the AWWA family!

CHAIR ELECT



Michael Whiteley, P.E.
Senior Water Engineer
Gresham, Oregon

I am honored to be nominated for Chair Elect for the Pacific Northwest Section of the American Waterworks Association. Throughout my 25 years as a member, AWWA has provided me opportunities to meet

and work with some extraordinary people who are very dedicated to our shared cause of providing safe drinking water to our communities.

I began my professional career with the Oregon Health Authority, which afforded me a good background in the regulatory side of the drinking water business. For the past 18 years I have been employed in the municipal side of the industry working for the Powell Valley Road Water District, City of Portland and now for the City of Gresham.

AWWA Involvement

- AWWA member for over 25 years
- PNWS/AWWA Oregon/Idaho Trustee 2015-2017
- NW Oregon Subsection Treasurer 1994-95
- Secretary 1995-96
- Vice-President 1996-97
- President 1998-99
- Subsection Advisory Council Chair 2001
- PNWS Audit Committee 2003-2014

Education/Awards

- Bachelor's Degree in Civil Engineering – Portland State University
- 2001 Area Subsection Advisory Council Activities Award

Personal/Hobbies

I enjoy spending time with my family which includes my wonderful wife of 25 years and our three boys ages

22,21, and 17. We enjoy camping, travel, disc golfing, golfing and backpacking. I am also an avid TrailBlazer, Seahawk, Mariner and Portland State Viking fan.

My Vision for the Section

I am continually inspired by the hard work and dedication that the members have which has grown the Pacific Northwest Section into one of the premier Sections in the country. I hope to continue in their footsteps and maximize the benefits to all members.

Having worked for the Oregon Health Authority and visited many water systems, I have seen the difficulties and struggles operators face in maintaining small water systems. With the ever increasing complexity of new regulations and system operations, there is a need for cost effective training opportunities for small water system operators. If elected Chair, one of my goals would be to look for more opportunities to use technology to provide training, particularly for those that find it difficult to attend in person. This could be realized through on-line training such as webinars aimed at small system needs.

My vision also includes continued support and growth of the Education and training Fund. I believe that any investment we make today will provide dividends to the Section in the long run as evidenced by some of our past recipients of scholarships and the contributions they are now making in the drinking water industry.

Additionally, we must continue to strive to reach the goals set forth in the 20/20 vision. As I'm sure we have all seen, retirements of some of our most seasoned personnel have created opportunities for the future water system operators. We must mentor and provide learning opportunities to them to ensure the continued vibrancy of the Section.

I am proud to be part of an industry that provides a vital service to our community and would be honored to serve as your Chair Elect.

WASHINGTON TRUSTEE



Ronda Farmer
IT Support Specialist
Spanaway Water Company

I want to first say thank you for the opportunity to run for Washington Trustee. I am truly honored to have been nominated. So, I will start out telling you a bit about my career and involvement in the

Pacific Northwest Section of the American Water Works Association. I have worked in the water industry for the last 16 years. I began my career in the water field as a Customer Service Representative and currently I am an Information Technology Support Specialist. Along the way I have had experience in all aspects of customer service from working in billing to database management, systems support and installation, meter reading systems and cross connection. I am also a Washington State Cross Connection Control Specialist. I have been a member of AWWA and the Pacific Northwest Section for the past 6 years. I have been active in the South Sound Subsection, 2010 Local Arrangements Committee, Water Information Technology Committee, Training Coordination Committee and the Customer Service Committee. Currently I am serving as the President of the South Sound Subsection, Vice Chair of the Program Committee for the Kennewick Conference in 2017, Vice Chair of the Water For People Committee and Vice Chair of the Water Information Technology Committee. In May of 2012 I was honored to receive the Subsection Advisory Council's Activities Award and in March of 2015 I was

awarded the South Sound Subsection's Water Drop award.

Now, a little about me personally. Away from work I enjoy spending time with my husband Dwayne and our family of 5 children, 2 dogs, 1 cat and several chickens. My husband and I brew beer and make wine and it has provided us so much fun over the years. When we actually find free time away from the farm we enjoy the outdoors and traveling.

Finally I would like to talk about my thoughts on our wonderful section. Throughout all my work and interactions in this organization, I am consistently amazed at the level of dedication and heart that our members have. The PNWS has allowed me to grow both personally and professionally. The PNWS's commitment to its membership, training and sharing of knowledge has been the key to its success. I believe that we should continue to build on this success by getting our membership more involved. We have so many members with untapped talents and the willingness to contribute. We must continue to develop tools to help our members promote involvement in our committees and subsections. As we move forward it is vital to share our years of experience and knowledge with the future generations of water professionals, whether that be through training, continued recruitment of new members or our young professionals. It is imperative that we not lose any of the experience and wisdom that our members have gained. It is my belief that we should continue to build on the solid foundation that has been created for us. Through the use of fresh ideas and new emerging technologies we can continue to be leaders and trailblazers in our industry. I look forward to your support and serving this great section and its members.

WASHINGTON TRUSTEE



Sam Perry
Water Treatment Engineer
Washington State Department of Health

Knowing how many wonderful and qualified people there are in the Pacific Northwest Section, I was honored and somewhat shocked when it was suggested that I

consider a candidacy for trustee.

My start in the drinking water profession began as a summer intern at James M. Montgomery, Consulting Engineers, Inc. (now part of MWH Global/Stantec) collecting samples, analyzing them, and generally realizing how much I had to learn. Now, more than 25 years later, I still enjoy learning something new about drinking water and

utility operations almost every day. While I have had a few detours from the drinking water over the past decades, my early involvement in the field led me to focus on drinking water related research in graduate school and serving the profession for the past 15 years at the Washington State Department of Health – Office of Drinking Water.

AWWA Involvement

My involvement in the Pacific Northwest Section of AWWA began in 1993 when I was awarded the Larson Aquatic Research Support (LARS) Scholarship from AWWA and folks from the section were kind enough to invite me to the banquet at the Section conference along with another national award recipient. Over the past 23 years, I have supported activities of the PNWS in various ways including:

- Committees – including the Research Committee, where I served as Chair and Vice-Chair, the Water Quality

Committee, the Water Treatment Committee.

- Conferences – I have made numerous presentations over the years at the Section conference and served on the Local Host Committee for the 2009 AWWA Water Quality Technology Conference in Seattle.
- Workshops – One wonderful thing about the Section is the diversity of training opportunities. I have been pleased to help organize, support, and present at many local workshops.

Education and AWWA Awards

- Bachelor of Science in Civil Engineering, University of California, Davis
- Master of Science in Civil Engineering, University of Washington, Seattle
- 1993 – AWWA LARS Scholarship
- 1994 – 2nd Place, Poster Presentation at AWWA Annual Conference and Exposition
- 2001 – 1st Place, Poster Presentation at AWWA Water Quality Technology Conference

Personal/Hobbies

Most of my time outside of work is spent with my wife and two daughters cooking, gardening, canning, and going on a few adventures. Before two knee surgeries, I used to enjoy running. But, as I've aged, my focus has turned to biking where the last few years I have taken part in a 65 mile ride in support of the Cystic Fibrosis Foundation and a friend living with CF.

Vision for the Section

Be Committed to the Core – Protecting public health is at the core of what we do as drinking water professionals, and water system staff are the core service providers. Whether we serve the public and profession as consulting engineers, regulators, or equipment suppliers, we, in one way or another support the operators, managers, engineers, customer service specialists, and others who oversee the day-to-day operations of the many thousands of public water systems in the Pacific Northwest. I recognize that the

Section, as an organization, is well suited to this purpose, which would be a key lens through which I would focus my energies as trustee.

Invest in the Future while Honoring the Past – Many years ago, I attend my first trustees meeting in Portland to suggest that the Section include a discounted student rate for the Section conference, since, at the time, we did not have one. Over the years, it has been great to witness the growth of students and young professionals in the Section, many of whom quickly assume leadership roles. In 2009, I fostered the development of the AWWA-WEF Student Club at the University of Washington, Seattle and believe we can do more to help students connect with the Section while they are in community colleges or universities.

It is also important to recognize the hard work and dedication of drinking water professionals over the past several decades who designed, operated, and maintained many pieces of infrastructure still in use today. Occasionally, I even find myself using references and other resources developed decades ago that are as salient now as when they were originally published. Retiring and recently retired professionals can be a tremendous resource.

Think Globally, Act Locally – Because of all your hard work and dedication to protecting public health, we are blessed to have safe and reliable drinking water in the Pacific Northwest. As we all know, safe and reliable water supplies require strong and reliable human and physical infrastructure and an ongoing commitment to continuous process improvement. Down the road, I think there are opportunities to use *Water Matters* more as a resource for sharing best practices and local case studies, further enhancing the value of our Section memberships. And, bringing the global to the local, I support efforts to host national AWWA events in the region.

Thank you for considering me as a candidate for Washington Trustee, especially given all the great people in the Section and the other well-qualified candidates. Please take the time to vote, especially if you vote for Ronda Farmer since she has worked tirelessly on numerous section and subsection activities.

The successful candidates will take their place on the Pacific Northwest Section (PNWS) of the AWWA Board of Trustees in May 2017.

WASHINGTON TRUSTEE



Tony Lindgren, P.E.
 Distribution Engineering Manager
 Tacoma Water

Hello voters! I'm excited and honored to be nominated as a candidate for Washington trustee. I have spent my entire professional career in the water industry and I am proud to work for Tacoma

Water. In my nearly 15 years with the organization I've had experience in design, operations, maintenance, customer service, asset management, conservation, and currently manage the Distribution Engineering section. I believe that working in public service is a privilege. We have a duty to protect public health, we provide drinking water and fire protection, and we have fun. I firmly believe that a workplace that promotes growth, provides new experiences, and embraces diversity will be successful.

My experience with AWWA has been primarily with the South Sound Subsection. I've worked with YP's, co-chaired our section golf tournament, and emcee the Wheels for Water, Water for People event. All of my experiences have brought me closer to the individuals that are passionate about the drinking water industry. These experiences have shown me that when a strong and enthusiastic group is focused a lot can be accomplished.

Vision for the Section

I believe that we need to continue to educate and strengthen our communication with the public. Aging infrastructure, supply, rising costs, regulation, and emergency preparedness are topics of concern. Building strong relationships with our customers will allow for transparency and ensure we have their trust.

We have so much to gain from the experiences and expertise of those that have spent their entire careers in the water industry. Focus on knowledge transfer, education, and training will build a workforce that can carry on our history of success.

Recruitment of talent that is comfortable with engaging and bringing new ideas to the section. I believe we should embrace a diversity of perspective, welcome technology, and be thoughtful and understanding of change.

Other

Away from work, I stay connected to my community. I'm currently on the Board of Directors for Multicare Health Foundation and the Tacoma Community College Foundation. I have served on many other groups and committees that benefit the wellbeing of others. Love spending time with my family and swinging golf clubs. I do enjoy football as well.

I am fortunate to part of our section and would be honored to serve. Thank you kindly.

OREGON/IDAHO TRUSTEE



Julie Smitherman
 Water Conservation Specialist
 City of Ashland

I am honored and excited to be nominated for the position of Oregon Trustee. My participation in the Pacific Northwest Section of the American Water Works Association has been the most rewarding

experience and I'm grateful to be able to connect and work with such an amazing group people.

I would like to take a moment to thank the City of Ashland for supporting me in my involvement with the PNWS-AWWA. The professional development I have received from being a part of this organization has been integral and has allowed me to enhanced my career and build on my technical, interpersonal and leadership skills.

PNWS-AWWA Involvement

I have been a member of the PNWS-AWWA since 2009. My involvement in the organization includes:

- YP Committee Member (2013-present)
- YP Committee Chair (2015-2016)
- Conservation Committee Member (2009-present)
- Conservation Committee Chair (2015 -2016)
- Southern Oregon Subsection Officer (2013-present)
- Southern Oregon Subsection President (2016-2017)
- 2020 Vision Committee (2016-2017)
- Young Professional Liaison - Southern Oregon Subsection (2013-present)
- Excellence in Communications Award (2014)
- PNWS AWWA Pioneer Award (2016)

Education, Organizations and Certifications

- B.S. Environmental Studies Emphasis in Geology (2008)
- Certified Landscape Irrigation Auditor
- Certified Erosion & Sediment Control Inspector
- Oregon Governor's Drought Task Force (2016)
- Southern Oregon Landscape Association Officer/Chair (2011-2016)

History

After graduating from Southern Oregon University in 2008,

I began my career working in the water industry at the Medford Water Commission in Southern Oregon. Four years later in 2012, I took a position with the nearby City of Ashland as the City's Water Conservation Specialist. It was at this time that I was encouraged to become more involved in AWWA.

I attended my first PNWS-AWWA Conference in 2013 in Spokane, WA. I did not know anyone at the time however, I was greeted with such enthusiasm and respect that I immediately felt welcome. During the conference I was encouraged by seasoned members to participate in the Young Professionals Scavenger Hunt. I wasn't sure what to expect but it sounded like fun so at the last minute I decided to go. I am very happy that I did because I met some amazing colleagues and friends and began to set the foundation for my future in AWWA. Since that event, I haven't looked back. I very quickly joined the YP Committee and began to organize YP events in Southern Oregon. I have been involved in PNWS in one way or another since then and hope to continue to make a difference in the future.

The Vision

When I was going to school I didn't realize that working in the water industry was an option. Since joining AWWA I have made it a personal goal to help students understand the benefits of working in the water industry and how being a part of a professional organization like AWWA can have a positive impact on your professional and personal life. As a Young Professional myself, I feel that it is my

obligation to encourage and promote more involvement in water industry. The future of AWWA lies in the hands of the upcoming generation and it is our responsibility to help provide them with the tools and resources they need to succeed in this industry.

I support the idea to start a mentorship program to help engage and connect young professionals and students with experienced professionals (mentors) who can share their knowledge and experience and help guide the younger generation toward their goals.

Personal / Hobbies

Any time I'm near water, I'm happy. I love to explore the outdoors and love to hike, camp, and swim. I have a strong passion for Geology and any chance I get I love to chase storms. Ask me to tell me you about my latest and greatest thunderstorm experience. I also enjoy photography, skiing and since 2014, golf (Thank you Corrie Peterson & the Southern Oregon Mafia). I am close with my family and lucky that my parents, grandparents and sister live just a 30-minute drive away. I am fortunate to be surrounded by wonderful friends and I have two nieces and a nephew who I love spending time with.

I am extremely proud to be a part of the PNWS – AWWA. The people working in the water industry are some of the best people I have ever met and I have come to think of all of you and the rest of the organization as family. I would be honored to serve the PNWS and our members as Oregon Trustee.

OREGON/IDAHO TRUSTEE



Mike McClenathan
Water Distribution Foreman
City of Central Point

Volunteer. When a person is called a volunteer, what trait most often comes to mind? Having been associated with the PNWS for a number of years now, I can say with certainty that our volunteers are a

selfless group. The countless hours that are spent by the members of our section above and beyond their normal day to day, compensated assignments are staggering. Our members are passionate about what it is that we do. I had the opportunity to attend ACE this year and I was excited to find that the PNWS has a great reputation of service to the water industry. I think it really speaks to the leadership and mentorship of the people that make up our section. It makes sense that each person reading this was approached about volunteering at some point. The leadership of our section does a great job of getting others involved. As the years go by there are always new individuals taking part in one of the

many activities that our section has to offer.

It has been my experience that I get more out of volunteering than I give. I have learned that I grow immensely every time I allow myself to go beyond my comfort zone. Being asked to serve on a committee or to help plan an event can be uncomfortable at first. Getting out of a ditch covered in dirt and then walking into an AWWA meeting for the first time, where people are wearing slacks and button-down shirts can be intimidating. I have made numerous trips to Kenya as a volunteer and even though it's always hard work, I have never come back regretting the time and money I spent to go there. I have responded to two major hurricanes and found that helping others is more rewarding than just about anything.

A while back I was asked if I wanted to be a Trustee for the PNWS. While it is definitely an honor to even be considered, it is also somewhat intimidating given the talent of the people who have held those positions previously. But, as I normally do, I agreed to take a chance and risk a humiliating defeat. I am not currently a Trustee, so if I am not elected I don't stand to lose too much, right? To me, the whole premise of being a volunteer is to serve people.

That in itself has a way of keeping a guy humble and grounded. I am interested in serving the members of our section to the best of my abilities. I have been with the City of Central Point for over 13 years now and in 2015 I became the 10th person to earn the Profession Operator designation (Class IV) from ABC/C2EP. Over the past several years I have taken part in a number of various activities at the sub-section, section and association level. I was part of the Eugene LAC as the food coordinator. Hah, the only thing I know about food is that I like it...a lot. I recently began serving on the Association's new Community Engineering Corp.

I feel that as a Trustee, I would be able to work with other board members to serve the PNWS membership

and continue the tradition that has been so well represented. I am passionate about drinking water and I am a Water Distribution 4 Operator and Cross-Connection Specialist in the State of Oregon. As Gimmicks and Gadgets Coordinator I have learned that getting up and talking in front of a bunch of my peers isn't so bad as long as Bill & Teddy are in the front row supporting (or correcting) me.

So, I guess in a nutshell, if you're like me and you like food and you want a mud-covered Trustee who is passionate about water and enjoys volunteering & problem solving and doesn't mind being uncomfortable, then you should probably vote for me.

OREGON/IDAHO TRUSTEE



Jamie Porter, PE
Superintendent
Rainbow Water District

It is an honor to be considered for the position of Oregon/Idaho Trustee. PNWS-AWWA is an organization filled with some amazing people who have spent their entire careers focused on safe drinking water. Yet others,

like myself, have taken career detours that allow us to bring a different perspective to the challenges that we face. I believe these varied experiences make us stronger as an association.

Water Background

My water background includes serving in the U.S. Navy, operating a nuclear submarine steam plant and treating industrial process water. I worked as a DEQ-certified wastewater collection and treatment system operator, sampling digester sludge and chasing illegal dischargers. I graduated from Portland State University and was licensed as an Environmental Engineer, managing master plan updates and a variety of capital projects for the City of Wilsonville. I served 8 years as a non-profit business administrator, managing church volunteers, facilities and finances. I returned to water with my current position and have been active in AWWA since 2010. Due to my utility's small size, my diverse duties include working with several volunteer boards, engineering and planning, public affairs, finances and administration, and as a water system operator. I can see the big picture as well as details.

AWWA Involvement

Our national AWWA boils down what we do into four areas: offer education to water professionals, advocate for safe and sustainable water, collect and share knowledge, and create volunteering opportunities. I actively support these efforts at

both the Section and Subsection levels. I have served as Treasurer of Cascade to Coast Subsection since 2012. I have aided the PNWS Section by working with the Audit Committee, Distribution Committee, and Eugene Local Arrangements Committee. I earned a SAC Activities Award in 2014. I am currently the Budget Committee Co-Chair, and have the pleasure of working with many of you.

Personal/Hobbies

I have been married to Cheryl for 29 years. We have 5 kids, 3 boys and 2 girls, ages 7-25. By the time you read this, we will have a son and daughter serving in the U.S. Air Force, and a son studying Mechanical Engineering at OIT. Cheryl will continue to homeschool our last two kids through high school. We stay busy with a small farm and have bred and raised sheep, goats, pigs, and LOTS of chickens.

Vision For The Section

As others have pointed out, the wave of retiring Baby Boomers will continue to challenge us due to the loss of experienced workers with their historical knowledge and understanding of how things work. We need to continue our efforts to recruit the next generation of water professional, whether young or older, college-trained or a returning veteran. We need to let people see that our jobs can be fun and fulfilling. We need to push the opportunities to connect utilities with manufacturers, consultants and suppliers, bridging distribution and treatment, and water and wastewater. We need to help our members develop the skills to take advantage of the latest research and advances in technology. We need to reassure the public that we are taking lead and other public health issues seriously, restoring their confidence in us even as we struggle to finance and fix our aging systems. At this point in my career I have something to contribute and I would welcome the opportunity to give back to the Section.

TRUSTEE AT LARGE



Pat Van Duser, P.E.
(Licensed in OR & WA)
Project Manager
Black & Veatch, Portland, Oregon

Add some bright color to the Board this year – vote for a colorful personality with colorful clothes! I am excited for the opportunity to represent us all on the Board of the PNWS-AWWA. We gather for conferences, trainings, and Water For People fund-raisers, but our camaraderie is what draws us together. I promise to engage in conversations inside and outside AWWA to grow and strengthen our Section.

My Commitment to PNWS

The pipeline of new professionals into the drinking water industry is key to meeting our future challenges. My qualifications to grow the PNWS:

- PNWS Membership Committee Chair (now Past-Chair) growing committee through events including the First-Time Attendees Meet-n-Greet now a staple at the Section Conference.
- Subsection Advisory Council member – current
- Regular participant in Portland State career workshops for college students looking for a start in the water industry
- NW Oregon Subsection Membership Committee Co-Founder
- Enthusiastic connector of students and YPs with PNWS Committees and potential employers.
- Originated the YP Scavenger hunt with the PNWS in 2006. (We copied it from ASCE Younger Member Forum – they didn't mind!)
- National Engineers Week High School Program in Portland Co-Chair, established PNWS-AWWA participation and supporting annual outreach to 350 bright high school students for the past 10 years.

How to Meet our Challenges with Connectivity:

- **Grow our partnership with the PNCWA and reach out to other organizations where we can mutually benefit.**
The PNWS has excellent resources to meet the challenges we face as a community – through the strength of our continuing education programs, the passion of our members, and the combined knowledge of our membership.
- **Grow our Student Chapters by reaching out to more diverse university and college departments** including community colleges, sciences, communications, and business to seek the graduates we need to grow into future leaders within the water industry. AWWA includes people from the public sector and the private sector; all of us will benefit from this influx of new talent and all of us are responsible for doing our part to make this happen.

If You Are Still Reading – My Story

Like many of us, I didn't go looking for the Water industry. The Water industry found me. I was fortunate to land an internship in the drinking water field and started working on a blue-water problem for a new subdivision in the Bay Area. The LCR wouldn't get passed into law until the following year. The chemistry and hydraulics appealed to me (naturally – what we do can be pretty fun for an engineer!) but it was the enthusiasm and caring of water professionals I worked with that pulled me in. When it was time to start my career, I remembered that excitement and those relationships. Now, some 23 years later, it is plain to me that we do our best each day because of people. PNWS people have an appreciation for each other. We are a fun industry to work in. This has been an inspiration for my hard work in Membership. **I strive to bring more people into this industry and to carry on the welcoming spirit that I enjoyed when I first started my career.**

Personal

My 2-year old daughter, Freida, is quite outgoing and would like to meet you. My cross-over dribble is deadly. If you have a board game you like, let's play!

When you receive your ballot,
please take the time to
cast your vote.



TRUSTEE AT LARGE



Lynn Williams Stephens, PE
Principal Water Engineer
Brown and Caldwell

I am honored to be nominated for the Trustee At Large position. The Section has provided such rewarding experiences for me both professionally and personally that I hope to give back and

support the Section as a Trustee.

AWWA Involvement

I've thoroughly enjoyed getting involved in many aspects of AWWA including committees at the subsection, section, and national level and presenting at subsection short schools and Water For People fundraisers, and even delivering the key note at the 2016 Boise Conference. These opportunities have provided a better understanding of PNWA-AWWA, and the resources/tools that water providers need to address growing challenges.

Section and Subsection Involvement:

- 20/20 Vision Committee (2015-present)
- 2015 Bellevue Local Arrangements Committee: Best Tasting Water, Fun Run, YP Meet & Greet
- Research Committee, Chair (2014-16)
- King County YP Liaison (2011 to present)

Association Involvement:

- PNWS Community Engineering Corps Liaison
- Biological Drinking Water Treatment Committee (2008-present), Workshop Subcommittee Chair

Vision for the Section

My overall vision is to continue to be a leader in the education of our members and grow our outreach. I have the following goals to support this vision:

- **Advance the 20/20 Vision.** The 20/20 Vision was initiated in 2015 to increase membership and address a growing

need to replace retiring generations. The section has gained a lot of ground in the first year. We have a presence at career fairs to increase awareness about AWWA and jobs in the water industry. In King County, we organized career fairs at Seattle University and University of Washington. Areas for increased outreach are water operators and veteran training programs.

- **Support our local underserved communities through the Community Engineering Corps (CECorps).** There are many communities in the U.S. who are struggling with a lack of access to safe drinking water. To meet this need, AWWA has initiated a new philanthropic volunteer program to bring our technical expertise as water professionals to these underserved communities. It brings water operators, laboratory specialists, engineers, managers, and retired professionals to work together on water projects for a local community. The CECorps also serves as an opportunity to engage students, supporting the 20/20 Vision. I helped initiate two CECorps projects at two elementary schools in low income areas with water quality issues. I hope to grow this program as a member of the Board.
- **Increase educational opportunities for our members.** As a water industry, we are facing complex challenges. It is critical that PNWS continue to provide the resources for water professionals to navigate these challenges to provide safe, high quality drinking water. Enhancing our ability to provide training throughout the Section will be a key focus.

Personal

I enjoy getting outside to the beautiful outdoors that attracted me to the Northwest. My husband, Mike, and I enjoy fly fishing and boating in the summers, and downhill skiing in the winters. I also like to get out for a jog on a regular basis including running a lap at Hayward Field during the Eugene Conference, knocking off the bucket list.

I value the knowledge I have gained and the lasting friendships that I have made from my involvement with PNWS. I am proud to be a member of this great section and would be honored to serve as a Trustee.

Each of the three trustee positions is for a two-year term.

TRUSTEE AT LARGE



Cory R. Baune, PE
(Licensed in ID & WA)
Area Manager
J-U-B ENGINEERS, Inc.

Pacific Northwest Section of AWWA, what a fantastic organization!! As noted by Warner Palermo, AWWA Vice-President from Puerto Rico, our section is the example for others

to follow. I have observed over the years that the Pacific Northwest Section has the most kind, hardworking, helpful and dedicated individuals...all with the goal of providing safe, reliable drinking water. I am committed to continue these values as a Board of Trustee member.

As a young engineer, I joined AWWA in 2001. I initially found it difficult to get involved, but in 2011 I was presented with the opportunity when the Blue Mountain Subsection that had been defunct for a number of years set up organizational meetings in my area. I like to say, "I raised my hand to pass the ketchup and that was enough of a gesture to get me elected as president of the Blue Mountain Subsection." It was a tough start, but I received lots of help (and encouragement) from the Pacific Northwest Section and the members in our new Blue Mountain Subsection. With the help of my right-hand man, Art Garro, we were able to get our Subsection functioning again. After 5 years as president, I am happy to pass the torch to the next president and explore opportunities to contribute at the Section level. In addition to my 4 years as Blue Mountain Subsection President, I have been involved in the Section as:

- An AWWA member since 2001
- 2015 – present; Vision 20/20 Committee Member
- 2016 – present; Scholarship Committee Member
- 2016 – present; Subsection Advisory Committee – Idaho Coordinator

- 2016 – present; Past President Blue Mountain Subsection
- I have been honored to receive the SAC Subsection Activity Award in 2014 and the Heart and Soul Award from Jason Canady in 2015.

My Vision for the Section

Foremost on my mind is promoting active involvement of our great existing membership and attracting new members who will bring new life and energy to the Section. Randy Black nailed this topic with his Vision 20/20 Initiative and we are seeing the fruit of that labor now. Subsections have been provided with promotional information to encourage participation at career fairs and veteran's fairs. I would like to see continued Section support and focus on recruiting new members. We should also remember that there is a wealth of talent within our current membership base. We need to continue to look for opportunities to engage these members and get them to participate on one of the many committees at the Section level. I envision utilizing the Annual Conference as a venue to market committee involvement.

Water Shortage, Climate Change, Water Sustainability, The Water Equation, Reuse, Reclaimed Water are all hot topics right now. My experience has been in both water and wastewater engineering. Historically, these have been two separate fields, but with water shortages hitting the world, our county and our region, the gap between these fields is narrowing. Our Section needs to continue its partnership with the Pacific Northwest Clean Water Association and leverage this relationship to educate members of both organizations. Working together, we can build a robust, sustainable water supply.

On a personal note, I enjoy spending time with my wife Heather, two kids, Chase (21) and Abby (17) and our two labs, whether it is time on the boat, vacationing on the Oregon Coast or just hiking through the mountains tracking elusive morels or huckleberries. 

The Chair will serve one year as Chair-Elect, one year as Chair, and one year as Past Chair.

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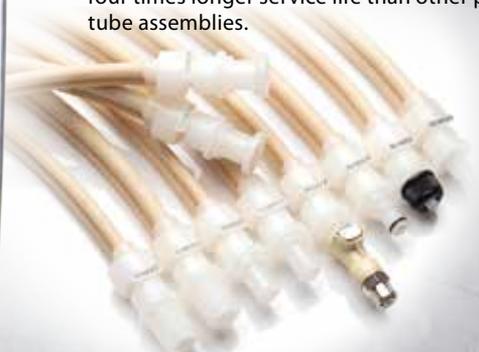
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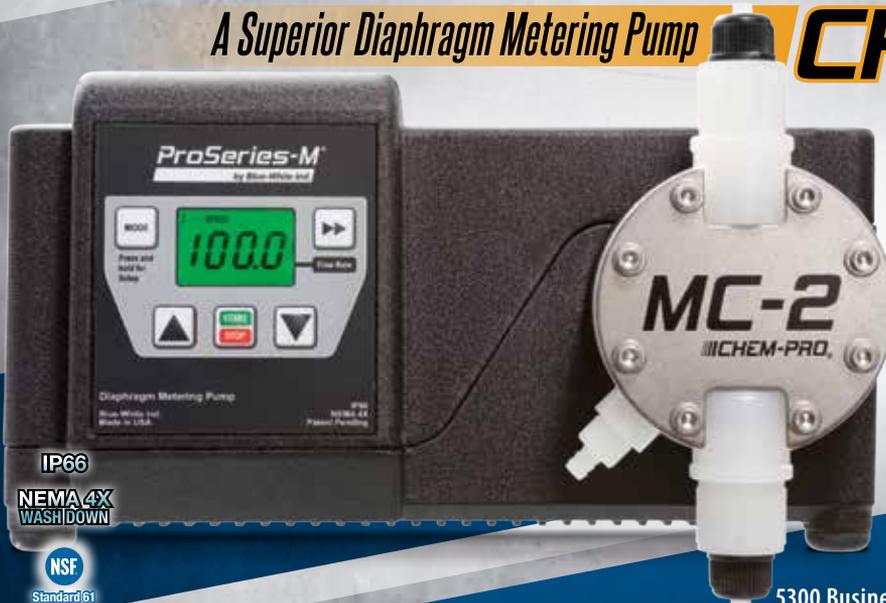
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