

OREGON ASSOCIATION OF WATER UTILITIES

*37<sup>th</sup> Annual*  
**Management &  
Technical Conference**

March 2–6, 2015  
*Sunriver Resort*  
*in Sunriver, Oregon*

**REGISTRATION INFORMATION  
AND SCHEDULE**

# CONFERENCE EVENTS & INFORMATION

## Monday, March 2, 2015, Pre-Conference Classes

For those who want to earn extra CEUs, register for one of the Monday sessions. For more information, see the Monday Pre-Conference Schedule on page 3 and registration on page 7.

## Tuesday–Friday, March 3–6, 2015 Full Conference Classes, CEUs and Meals

Tuesday-Friday includes a variety of concurrent classes available with the ability to earn up to 2.4 CEUs. For specific CEUs possible, please see the full conference class schedule. Full conference meals includes 3 continental breakfasts, 3 lunches, Awards banquet dinner, and 1 evening deli bar.

## Keynote Speaker

### Joe Chambers: Coaching & Mentoring



It isn't easy to successfully manage people. In fact, it requires tremendous patience, foresight, and—above all else—empathy and appreciation of individual personalities. Many water & wastewater managers can complete the tasks at hand, but few are able to spot raw talent and then devote the time and energy

to shape and mold that employee toward achieving growth and excellence in the utility arena.

Coaches in management seek to amplify the human possibilities in the workplace. By recognizing the existence of an unalterable connection between employee job satisfaction and overall performance and level of productivity, coaching and mentoring present new ways of managing people. The practice moves away from the longstanding command/control style of managing and embraces a more pliable approach.

This extended series of courses is for the experienced and new manager and leader and for those wishing to possibly move into management into the future. The series begins Tuesday and continues through noon on Wednesday.

## Raffle Prizes



prizes similar to models shown

## Lodging

Please make your room reservations with Sunriver Resort by calling 800-547-3922, option 1. Call by February 10, 2015 and identify yourself as attending the Oregon Association of Water Utilities event. Lodge Village Guestrooms: Single \$113, Double \$128  
Lodge Village Suites: Single \$173, Double \$173  
River Lodge Guestrooms: Single \$184, Double \$184

## Annual Banquet and Awards Program

Wednesday 6-9 pm; no-host bar 5:30-6 pm. The 2014 awards to be presented during the banquet are water, wastewater, manager and/or office manager, rookie, associate member, and friend of rural water. **Please submit your nomination(s) for these awards no later than February 7, 2015.** Nominations forms are available online at [www.oawu.net](http://www.oawu.net) or through the OAWU office.



## Annual Best Tasting Water in Oregon

Join OAWU in their 20th year in conducting the contest for the “Best Tasting Water in Oregon” and find out whose water will win a trip to Washington, D.C. competing in the National Best Tasting Water contest. For the Oregon contest rules and information, please see the last page of this flier or contact OAWU office at (503) 837-1212.

## Exhibit Hall & Hospitality Night Social

Exhibitor hours: Wednesday 11:30 am - 6:30 pm and Thursday 7 am – 8 pm. The Hospitality Night Social will be held Thursday in the Homestead Hall, 5:30 pm – 8 pm. There will be a no-host bar, two beer kegs and exhibitor raffle prizes. You must be present to win exhibitor raffle prizes. The Owl's Nest music begins at 9 pm with the popular J.P and the Soul Searchers.

## OAWU Raffles

Tickets will be sold Tuesday after the morning break through Thursday evening. Drawings will be held Thursday during the Hospitality Night Social in the Homestead Hall.

## Monday, March 2, 2015 Pre-Conference Schedule

Great Hall, 9 am– 4 pm

### Small Water Training Course

This course will cover the basics of water system operations. A review of the SDWA Amendments, the State Revolving Loan Fund, and security issues. Review of technical, managerial and financial needs of a small system. *Tim Tice, OAWU.*

*Pre-registration required (no fee). 0.6 Water and 0.4 Wastewater CEUs/ESAC #2379*

Landmark I/II, 9 am–4:30 pm

### Cross Connection Specialist Update

Obtain your Cross Connection specialist update and any updates on the cross connection program. *Garret Yates, Back Flow Management, Inc. Pre-registration required (\$100). 0.6 Water CEUs/ESAC #2727*

Heritage I & 2, 9 am–4:45 pm

### Effective Utility Management

Participate in a workshop for success at your water and wastewater facility. Look at challenges such as aging infrastructure, growth, and adequate revenues that reflect true operational costs today and in the future. At this workshop, you will be involved in ten key management areas, assessing your strengths and weaknesses with a framework conducive of a well-rounded water and wastewater utility management approach. *Jennifer Purchell, DEQ. Pre-registration required (no fee). 0.6 Water 0.6 Wastewater CEUs/ESAC # Pending*

## Tuesday, March 3, 2015 Conference Schedule

Registration Desk Hours 8 am–5 pm

10–10:30 am	GREAT HALL	<b>Welcome/Opening Session: Great Influences— Strength of Character &amp; Courage at Your Utility</b> Jason Green, OAWU Executive Director			W/WW
10:30–11 am	GREAT HALL	<b>NRWA Update</b> – Charles Hilton, NRWA President			W/WW
11 am–12 pm	GREAT HALL	<b>Legislative Update</b> – Mark Landauer, OAWU/SDAO Lobbyist The latest issues of the State Legislature activities concerning water and wastewater utilities.			W/WW
12 pm–1 pm	HOMESTEAD HALL	<b>Lunch Break</b>			
1–2:45 pm	<b>Training Sessions</b>				
	GREAT HALL	1–2 pm <b>Coaching &amp; Mentoring as Art, Not Science</b> Coaching & mentoring requires different tools and applications depending upon the tasks. The personnel & personality types, experience and motivation levels. As we discuss the key points and practices, attendees will soon see why these necessary utility manager traits are viewed more of an art form, which can be learned, practiced and applied for success and improved results in the workplace. <i>Joe Chambers, Chambers Consultants</i>	LANDMARK I/II 1–2 pm <b>Strategies for Wastewater Efficiencies and Cost Savings</b> How steps and procedures can save a municipality a great deal on capital and operating expense by selecting and running pumps most efficiently. Examples of running efficiently on the pump curve and a case study will illustrate how a system can save money. <i>James Garvin, PE, Butch Veatch, Steve Schoenbrun, Cornell Pump Company.</i>	HERITAGE I/II 1–2 pm <b>Introduction to HDPE Pipe &amp; Fittings</b> HDPE material basics. What it is, how it's made and what is available as far as sizes, fittings etc. Applications and application specific parts for water, sewer and storm. How to put it together (fusion). Fusion demonstration. <i>Scott Bevens, Industrial Pipe Fittings/Plasson.</i>	W/WW
		2–2:45 pm <b>Motivating Employees</b> Review the various aspects of how and why to motivate employees at your utility. <i>Joe Chambers, Chambers Consultants</i>			W/WW
2:45–3 pm	GREAT HALL LOBBY	<b>Break</b>			
3–5 pm	<b>Training Sessions</b>				
	GREAT HALL	3–4 pm <b>Mentoring 101</b> 4–5 pm <b>Developing Coaching Skills</b> <i>Joe Chambers, Chambers Consultants</i>	LANDMARK I/II 3–4 pm <b>Smart Sensor Technology—IQ Sensor Net</b> How Smart Sensor Technology helps improve wastewater treatment. Smart IQ technology is a modular water quality system for a complete sensor network ideal for various installation needs. Continuously measure water quality parameters anywhere in a facility for process control. Immediate benefits include better network visibility and management, early detection of network failures, improved compliance with regulatory targets and cost savings. <i>Ken Navidi, Bainbridge Associates Inc.</i>	HERITAGE I/II 3–4 pm <b>Transforming Data Information into Water Quality</b> Engineering Concepts for Water/Wastewater Pump Stations - Basic concepts in the design and engineering of pump stations. Processes of planning, siting, sizing and selecting components required to construct a pump station. Provide the water/wastewater operator and manager with tools to understand what actually goes into a pump. <i>Ed Butts, 4-B Engineering and Consultants</i>	W/WW
5–5:30 pm	HERITAGE I	<b>Annual OAWU Game Tournaments Meet and Greet</b>			
5:30–6 pm	LANDMARK I/II	<b>Annual Membership Business Meeting</b>			

## Game Tournaments

Practice your Ping-Pong and cribbage for the annual championship single eliminations to be held in the Homestead Hall during breaks Wednesday and Thursday with finals Thursday evening during the Hospitality Night Social.



## Exhibitor Hospitality Night

Join OAWU Thursday during exhibitor hospitality night! This year's Theme is Ugly Sweaters. Come show off your brightest, loudest, ugliest of sweaters! We hope you will join in the Ugly Sweater Contest.

# Wednesday, March 4, 2015 Conference Schedule

Registration Desk Hours 8 am–5 pm

7–8 am		GREAT HALL Continental Breakfast			
8–9 am	GREAT HALL <b>Communicating Vision &amp; Goals</b> <i>Joe Chambers, Chambers Consultants</i> W/WW	LANDMARK I/II <b>Managing H2S for Odors &amp; Corrosion Control</b> H2S is a growing concern for plant operations—conclusive solutions on ways the “problem” can be handled. Chemical, biological and mechanical solutions to help professionals identify options for managing H2S. <i>Becky Haugen, Biolyneus</i> WW	HERITAGE I <b>Flow Control Valves</b> A review of the importance of flow control valves, responsibilities and proper maintenance and SOPs that will ensure longevity of the equipment. <i>Brian Anderson, American Flow Control</i> W	HERITAGE II <b>Water &amp; Wastewater Sample Collection</b> Ins and outs of sampling for water and wastewater systems. The class will include Chain of Custody and permit requirements. The class will also include a hands on collection portion which will review and demonstrate proper sampling techniques. <i>Teresa Mireles, Umpqua Research Company</i> W/WW	
	GREAT HALL <b>Measuring Your Coaching Effectiveness</b> <i>Joe Chambers, Chambers Consultants</i> W/WW	Landmark I/II <b>Managing H2S for Odors &amp; Corrosion Control</b> Continued WW	Heritage I <b>Hydrants Operation and Maintenance</b> A review of the importance of fire hydrants, responsibilities, proper maintenance and SOPs that will ensure longevity of the equipment. <i>Brian Anderson, American Flow Control</i> W	Heritage II <b>A New Dilemma at Sunrise</b> Corrosion, a case study: Indicators of corrosion, construction methods and mitigation mechanisms employed, and the development of a corrosion control program. Public information processes employed during the project. <i>Dan Fraijo, Elizabeth Edger, Sunrise Water Authority</i> W/WW	
10–10:15 am		GREAT HALL Break			
10:15–11 am	GREAT HALL <b>Altering the Corporate Culture</b> <i>Joe Chambers, Chambers Consultants</i> W/WW	LANDMARK I/II <b>Mixing/Circulation Benefits in Wastewater Treatment Ponds</b> How energy-efficient mixing/circulation can reduce short circuiting, reduce odors and improve overall water quality while reducing energy costs in wastewater ponds. <i>Harvey Hibel, Medora Corp. SolarBee/GrildeBee</i> WW	HERITAGE I <b>Sustainable Asset Management for Potable Water Storage Tanks</b> Different types of preventative maintenance programs. Six benefits of such programs: single source responsibility, balanced funding, evaluation & planning, regulatory & GASB 34 Compliance, annual inspection & maintenance, and emergency repair service. <i>Jeff Austin, Utility Service Group</i> W	HERITAGE II <b>Water Rights Basics</b> Fundamentals of securing and perfecting water rights. Covers the steps of assessing community water needs, discuss the application process, and the certification and maintenance of a municipal water right including transfers and permit amendments. <i>Brian Sheets, Schroder Law Office, P.C.</i> W/WW	
	GREAT HALL <b>Ten Myths of Coaching &amp; Mentoring</b> <i>Joe Chambers, Chambers Consultants</i> W/WW	LANDMARK I/II <b>The Legal Top 10 List</b> <i>Organization Form, Governance &amp; Finance</i> This informative session will focus on the legal issues that associations, cooperatives, water and wastewater companies, and special districts commonly face with respect to entity form, governance, and financing. <i>Steve Shropshire, Jordan Ramis P.C.</i> W/WW	HERITAGE I <b>Managing Water Quality Within Storage Tanks</b> Challenges to water quality maintenance from accumulation of disinfection by products, nitrification, bio-film development, iron/manganese deposits, sedimentation, corrosion, depletion of chlorine/chloramines residual, and the thermal stratification can be managed. Strategies for the management of water quality and compliance with Stage 2 DBP. <i>Jeff Austin, Utility Service Group</i> W	HERITAGE II <b>Wastewater Law 101</b> Review of local, state, and federal requirements of treating and discharging municipal wastewater and storm water. Considerations of the National Pollutant Discharge Elimination System (NPDES) and Municipal Separate Storm Sewer System (MS4) permits, recycling, and developing issues. <i>Brian Sheets, Schroder Law Office, P.C.</i> WW	
12–1 pm		HOMESTEAD HALL Lunch Break – Exhibit Hall Open – Game Tournaments Kick Off			
1–2 pm	GREAT HALL <b>Air Valves and Check Valves</b> Learn the differences between air release valves, air vacuum valves and air release/ air vacuum combinations valves, where they are used in water and wastewater system and why removing air from your system will result in a more efficient operation. <i>John Okoneski, GC Systems</i> W/WW	LANDMARK I/II <b>Wastewater Planning 101</b> Survey of the new Pre-project Planning Tool developed by DEQ and the Infrastructure Finance Authority, and review of the 10 Management Principles for Wastewater Planning and Operations. <i>Randy Jones, DEQ</i> WW	HERITAGE I <b>Troubleshooting a Mixed Media Water Filter</b> Optimizing your mixed media water filtration plant - from chemical dosage to backwash rates and everything in between. <i>Darrel Lockard, City of Aurora</i> W	HERITAGE II <b>Mixing and TTHM Removal in Potable Water Tanks</b> Review of mixing methods to reduce dead zones, thermal stratification, loss of residual, ice damage and other potential water quality problems. Also, methods for TTHM removal. <i>Harvey Hibel, Medora Corp. SolarBee/GridBee</i> W	
	GREAT HALL <b>Basics of Automatic Control Valves</b> The basic hydraulic principles of automatic control valves, how they respond to different pilot systems, familiarization with the different parts of the pilot system which control the main valve and a detailed look at the operation of three types of automatic control valves, pressure reducing, pressure relief and booster pump control. <i>John Okoneski, GC Systems</i> W	LANDMARK I/II <b>Wastewater Planning 101</b> Continued WW	HERITAGE I <b>Oregon Water Efficiency Standards &amp; Registrations of Reclaimed Water Use</b> Overview of water use efficiency standards in the Water Management and Conservation Plan rules (OAR 690-086) with success stories. Brief introduction of OWRD's Registration of Reclaimed Municipal Water Use Program. Under this program, municipal effluent may be used for irrigation or for other beneficial uses without a water right. <i>Lisa Jaramillo, WRD</i> W	HERITAGE II <b>Automated Wireless Monitoring of Water Distribution Systems &amp; Wastewater Collections Systems</b> Overview of comprehensive, wireless, remote monitoring system for water distribution and wastewater collection system operators, including an economical application solution for virtually every sensor, meter and instrument found in these systems. <i>Dave Baker, Telog Instruments, Inc.</i> W/WW	
2:45–3:15 pm		HOMESTEAD HALL Break – Exhibit Hall Open – Game Tournaments			
3:15–4 pm	GREAT HALL <b>Flow Meters: Selection, Installation and Care</b> Criteria to properly select between Mag, Paddle Wheel, Turbine, Ultrasonic or Multi-Jet Water Meter types to meet needs of each installation. Basic technology of each as well as installation requirements, pitfalls, what works and what doesn't. <i>Phil Pelletier, Furrow Pump</i> W/WW	LANDMARK I/II <b>Engineered Joint Restraint/Fabrications</b> Mechanical fittings restraints, special fabrication products and services, multiple testing procedures and corrosion resistance as a priority with all components. <i>Ken Alessi, Smith-Blair</i> W/WW	HERITAGE I <b>Developing and Rehabilitation of Water Supply Wells</b> Review of the application and appropriate tools and methods used in developing water supply wells. The pros and cons of different techniques including some of the latest being used. The need for regularly monitoring a well's performance and the importance of timely rehabilitation. <i>Kriss Schneider, Schneider Water Services</i> W	HERITAGE II <b>Modern Lift Station Design</b> Lift station design guidelines for small to mid-sized municipal wastewater lift stations requiring pumps in the 2.4-hp to 105-hp range. An overview that will assist in creating a defining criterion for future designs that are performance based in order to meet modern wastewater requirements. <i>Simon Cartwright, Xylem, Inc.</i> W	
	GREAT HALL <b>Chemical Metering Pumps for Chlorination and Water Treatment</b> Selection, Installation and Care – Criteria to properly size and choose best features of chemical metering pumps to meet the needs of the application. Basic technology, flow meter integration, installation requirements, pitfalls, what works and what doesn't. <i>Phil Pelletier, Furrow Pump</i> W/WW	LANDMARK I/II <b>Engineered Joint Restraint/Fabrications</b> Continued W/WW	HERITAGE I <b>Developing and Rehabilitation of Water Supply Wells</b> Continued W	HERITAGE II <b>Modern Lift Station Design</b> Continued W	
5:30–6 pm	HOMESTEAD HALL No-host / Meet & Greet				
6–9 pm	GREAT HALL Annual Banquet & Awards Program				

# Thursday, March 5, 2015 Conference Schedule

Registration Desk Hours 8 am–12 pm

7–8 am		GREAT HALL Continental Breakfast			
8–9 am	GREAT HALL <i>Sponsored by ORWARN</i> <b>National Incident Management System ICS &amp; Emergency Operations</b> NIMS, specifically, ICS and Emergency Operations and how they work together during disaster operations. How utilities integrate into these processes in disaster/emergency situations. <i>Matthew Bernard, FEMA Region 10</i> W/WW	LANDMARK I/II <b>Math for Operators</b> Practical day-to-day math for water and wastewater operators. Bring your calculator and questions. <i>Scott Nebeker, Oregon Parks &amp; Recreation Department</i> W/WW	HERITAGE I <b>AMR/AMI</b> Basics of AMR/AMI and how municipalities can leverage the technologies to meet their challenges going forward. <i>John Cobb, Mueller Company</i> W	HERITAGE II <b>USDA Project Funding</b> Fund availability update for public water and wastewater facilities. 2015 planning and application submittal. <i>Kim Young, USDA Rural Development</i> W/WW	
	GREAT HALL <b>National Incident Management System ICS &amp; Emergency Operations</b> Continued W/WW	LANDMARK I/II <b>Math for Operators</b> Continued W/WW	HERITAGE I <b>AMR/AMI</b> Continued W	HERITAGE II <b>Situational Awareness by Modern Visualization Techniques</b> A look at new HMI development methodologies. Correctly interpret flashing lights, colors and realistic animations on screens and detect abnormalities in an HMI display, producing far quicker response times than traditional HMI development. <i>Mike Kelly, Wonderware PacWest</i> W/WW	
10–10:15 am		GREAT HALL Break			
10:15–11 am	GREAT HALL <i>Sponsored by ORWARN</i> <b>Introduction to ORWARN</b> Oregon Water and Wastewater Agency Response Network: how it started, how it can benefit your utility. The WARN framework provides a forum for maintaining emergency contacts, providing expedited access to specialized resources and facilitating training on resource exchange during an emergency. <i>Ken Schlegel, Clean Water Services</i> W/WW	LANDMARK I/II <b>Math for Operators</b> Continued W/WW	HERITAGE I <b>Resilient Infrastructure</b> Oregon's natural hazards and risks to water systems and what we can do to prepare/mitigate the risks. <i>Paulina Layton, IFA</i> W	HERITAGE II <b>Are you Ready, Really?</b> Learn what it means to have Emergency Response Plans for water and wastewater treatment operations. Communities around Front Range, Colorado will be discussed—what actually happens in a real emergency. <i>Becky Haugen, Biolyneus</i> W/WW	
	GREAT HALL <i>Sponsored by ORWARN</i> <b>Deploy &amp; Activate — ORWARN Operational Plan</b> Understanding the multiple challenges in deploying to another location to conduct emergency recovery and response actions. The Operational Plan is designed to be an instructional guide describing the procedures used to activate the ORWARN Mutual Aid Agreement and the coordination of resources by both the requesting and responding utility. <i>Chris Wanner and Mary Ellen Collettine, P.E., Portland Water Bureau</i> W/WW	LANDMARK I/II <b>Math for Operators</b> Continued W/WW	HERITAGE I <b>Oregon Wastewater Operator Certification Program</b> Importance of certification, system classifications, certification process, and supervisor designation. Four components of certification, updates to computer-based testing for ABC exams, resources for preparing for exam, continuing education units (CEUs) for renewal process, and Oregon DEQ online resources. <i>Mark Ingman, Oregon DEQ</i> WW	HERITAGE II <b>Water Well Asset Management Programs</b> A new sustainable approach to maintaining well performance and water quality. Well condition assessment, common rehabilitation technologies and well asset management program. <i>Jeff Austin, Utility Service Group</i> W/WW	
12–1 pm		HOMESTEAD HALL Lunch Break – Exhibit Hall Open – Game Tournaments Kick Off			
1–2 pm	GREAT HALL <i>Sponsored by ORWARN</i> <b>The Baker City Water Crisis: Emergency Response &amp; Accelerated Implementation of Treatment</b> On July 3, 2013, Baker City learned of several confirmed cases of Cryptosporidiosis in the community. This presentation will tell Baker City's story: successes in implementing temporary UV treatment, enhancing watershed protection, and accelerating construction of a permanent UV treatment facility to protect the community from future risks. <i>Michelle Owen, Baker City Public Works</i> W/WW	LANDMARK I/II <b>Math for Operators</b> Continued W/WW	HERITAGE I <b>Drinking Water Program Update</b> Current and emerging issues in safe drinking water, including recent drinking water issues and events in the media, upcoming 2015 legislative session, and the national regulatory outlook. <i>Dave Leland, Oregon Health Authority</i> W	HERITAGE II <b>Successful Performance of Municipal Infrastructure Projects</b> Follows a typical infrastructure project from discovery of problem through system turn-over to the owner. Problem assessment, timelines and potential rate increases, public input and acceptance, consultants, advertising, bidding and awarding of the project, construction contracts and Oregon Public Procurement Law. <i>Ed Hodges, Curran-McLeod</i> W/WW	
	GREAT HALL <i>Sponsored by ORWARN</i> <b>Watershed Protection from Wild Fire</b> How the city of Bend addressed threats to their surface water supply against wild fires. How the threat was defined, and ultimately how the city decided to address the issue. <i>Tom Hickmann, P.E. City of Bend</i> W/WW	LANDMARK I/II <b>Math for Operators</b> Continued W/WW	HERITAGE I <b>Overview of the New Revised Total Coliform Rule</b> Changes to confirmed total coliform response, assessments and corrective action, monitoring requirements, and upcoming timeframes for compliance. <i>Kari Salis, Oregon Health Authority</i> W	HERITAGE II <b>Successful Performance of Municipal Infrastructure Projects</b> Continued W/WW	
2:45–3:15 pm		HOMESTEAD HALL Break – Exhibit Hall Open – Game Tournaments			
3:15–4 pm	GREAT HALL <i>Sponsored by ORWARN</i> <b>Emergency Response Exercise</b> A tabletop exercise to implement the ORWARN Operational Plan and allow participants to employ skills learned from previous sessions. In addition, the exercise will incorporate Emergency Action Plans for regulatory notification requirements and steps to mitigate contaminated drinking water and wastewater systems. <i>Todd Simmons, Eugene Water &amp; Electric Board</i> W/WW	LANDMARK I/II <b>Math for Operators</b> Continued W/WW	HERITAGE I <b>Optimizing Training of Water and Wastewater Personnel</b> Maximizing the water and wastewater training operators receive. Presentation demonstrates, explains methods, offers easy tips and tools to maximize your staff's training. <i>Mike Edwards, City of Bend</i> W	HERITAGE II <b>Choosing the Right Pipe Material</b> Factors to consider during pipe material selection include cost, diameter, existing pipe materials, strength/durability, terrain, soil corrosiveness, potential soil settlement, earthquake resistance, and sustainability. Attendees will gain understanding of different pipe materials and criteria that guide selection. <i>Dan Johnston, PE, BergerABAM Engineers</i> W/WW	
	GREAT HALL <b>Emergency Response Exercise</b> Continued W/WW	LANDMARK I/II <b>Math for Operators</b> Continued W/WW	HERITAGE I <b>Optimizing Training of Water and Wastewater Personnel</b> Continued W	HERITAGE II <b>Funding for Water and Wastewater</b> Panel discussion overview of funding opportunities each agency has available. Concludes with Q&A to allow systems to discuss their specific projects. <i>Shanna Bailey DEQ, Dave Leland OHA, Kari Salis OHA, Paulina Layton IFA, Kim Young USDA</i> W/WW	
5:30–8 pm	HOMESTEAD HALL	<b>OAWU's Hospitality Night Social – Ugly Sweater Contest, prize giveaways and game tournament finals</b>			
8:30–close	THE OWL'S NEST	<b>Live Music at the Owl's Nest</b> This is a great time to network with peers, vendors and friends.			

# Friday, March 6, 2015 Conference Schedule

Registration Desk Hours 8 am–12 pm

7–8 am	GREAT HALL <b>Continental Breakfast</b>		
<i>No sessions in Heritage II on Friday.</i>			
8–9 am	GREAT HALL <b>Ground Penetrating Radar</b> Theory and overview of GPR in classroom followed by hands on use instruction. Technology to identify underground objects and utilities. <i>Stan DuBois, Instrument Technology Corporation</i> W/WW	LANDMARK I/II <b>FOG Program</b> This presentation will focus on the success of the City of Bend's FOG Program. What processes were taken to make this program one of the most successful programs in the State of Oregon. <i>Oakley Taylor, City of Bend</i> WW	HERITAGE I <b>Understanding the Basics of System Development Charges in Oregon</b> The basics of SDCs in the context of water and wastewater. Topics and discussion will include historical background, current issues, and tips for avoiding legal disputes when implementing SDCs or impact fees. <i>Wyatt Rolfe, Rolfe Law Office</i> W
9–10 am	GREAT HALL <b>Ground Penetrating Radar</b> Continued W/WW	LANDMARK I/II <b>Industrial Pre-Treatment Program - Case Study</b> Where the IPP program was and what the expectations were from the City's management team. Battles along with way in getting approval, and the successes experienced as the program continues. What an IPP program can do for your wastewater plant and collection system. <i>Kelley Graham, City of Bend</i> WW	HERITAGE I <b>Water Law Update</b> Wyatt will provide updates and insight on current water law topics, legislation, rulemaking and cases. <i>Wyatt</i> W
10–10:15 am	GREAT HALL LOBBY <b>Break</b>		
<i>No sessions in Heritage I after 10 a.m. Friday.</i>			
10:15–11 am	GREAT HALL <b>Utility Operations &amp; Management Perspectives</b> This interactive class with focus on the things every water and wastewater operator should know. Whether brand new to the industry or a veteran of many years that can provide some of your own experiences, we invite you to attend and participate. Topics will include management/leadership styles, working with boards, bosses and the public, certification requirements/suggestions and goals to developing policies and procedures for your system, finding a mentor and maintaining a positive attitude to ensure longevity in this industry. <i>Russ Cooper City of Monmouth, Mark Beam Ice Fountain Water District, Ed Pugh Deschutes Valley Water District</i> W/WW	LANDMARK I/II <b>Industrial Pretreatment Program</b> Forms and documents developed for taking high strength discharge into the collections system from the automotive and industrial businesses in the city. The importance of setting up, and taking field samples, and what can be done with this information with the goal of becoming nationally certifies. <i>Christina Davenport, City of Bend</i> WW	
11 am–12 pm	GREAT HALL <b>Leadership Round Table</b> Water & Wastewater utility managers and leaders Q&A and discussions regarding leadership practices and concepts. This is a great opportunity for new and upcoming leaders. <i>Jason Green, OAWU Executive Director</i> W/WW		
12–12:15 pm	GREAT HALL <b>Conference Conclusion: Great Influences—Strength of Character &amp; Courage at Your Utility</b> Jason Green, OAWU Executive Director Please join OAWU at closing session in the Great Hall for cash prizes, giveaways and more. w/www		

## REGISTRATION POLICIES

**Early Bird Registration:** Receive a \$10 discount for each full conference registration postmarked by February 2, 2015. Early Bird registrations may be billed or contain a purchase order number.

**Cancellation Policy:** If you register for the Annual Conference and fail to attend without providing OAWU with a 10-day prior notice (no later than February 23, 2015), no refund will be issued and/or you will be billed for a full registration.

**Confirmation:** If you need a confirmation of registration, please contact the OAWU office at (503) 837-1212 or email office@oawu.net.

### Full Conference (Tuesday–Friday)

Full conference registration includes conference activities, all training sessions, exhibit hall & exhibitor activities, continental breakfasts, luncheons, deli bar, banquet and entertainment.

### Pre-Conference (Monday)

Pre-conference registration is separate from the full conference registration. Pre-conference registration is free if taking the Small Water Training course or the Effective Utility Management course, and \$100 if taking the Cross Connection Specialist Update class.

# OAWU's 37th Annual Management & Technical Conference

## CONFERENCE AND PRE-CONFERENCE REGISTRATION

Please use one form for each person attending (photocopy additional forms as needed).

Full Name \_\_\_\_\_

Name preferred for name badge \_\_\_\_\_

Water Op. Cert. # \_\_\_\_\_ / \_\_\_\_\_ Wastewater Op. Cert. # \_\_\_\_\_ / \_\_\_\_\_  Not Certified

Check box if you will be the Association Member Voting Delegate for the Annual Business Meeting, Tuesday, 5:30 pm.

System / Company \_\_\_\_\_

System Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

System Phone \_\_\_\_\_ Contact Person Phone \_\_\_\_\_ System Email \_\_\_\_\_

### Pre-Conference (Monday)

Course (check box for course attending)	Fee	Subtotal
<input type="checkbox"/> Small Water System Training (0.6 Water CEUs / 0.4 WW CEUs) System ID #41-_____	FREE	FREE
<input type="checkbox"/> Cross Connection Specialist Update (0.6 Water CEUs)	\$100	
<input type="checkbox"/> Effective Utility Management (0.6 Water/Wastewater CEUs)	FREE	FREE
<b>PRE-CONFERENCE TOTAL</b>		

### Full Conference (Tuesday–Friday)

Conference Registration	Early Bird (postmarked by Feb. 2)	Standard (postmarked after Feb. 2)	Subtotal
OAWU Member	\$295	\$305	
Non-Member (non-members receive a one-year individual membership with conference registration)	\$370	\$380	
<b>TOTAL REGISTRATION FEES</b>			

Additional Meals for spouses or guests	Quantity	Fee	Subtotal
Wednesday Evening Banquet		\$30	
Tuesday Lunch		\$25	
Wednesday Lunch		\$25	
Thursday Lunch		\$25	
<b>TOTAL ADDITIONAL MEALS</b>			

WEB

**TOTAL CONFERENCE FEES**

Payment Enclosed: Check # \_\_\_\_\_  Purchase Order: PO # \_\_\_\_\_

Please Invoice

Please Charge  VISA  MasterCard  AMEX Card # \_\_\_\_\_

Name as shown on card \_\_\_\_\_ Expiration Date \_\_\_\_\_

Signature \_\_\_\_\_ Card Security Code \_\_\_\_\_

Card billing address with zip code \_\_\_\_\_

**SEND REGISTRATION FORM AND FEES TO:**

Fax 503-837-1213 or mail: OAWU, 935 N. Main Street, Independence, OR, 97351 or email to: office@oawu.net

Oregon Association of Water Utilities  
935 N. Main St.  
Independence, OR 97351  
503-837-1212 Fax 503-837-1213  
Address Service Requested



PRSR STD  
U.S. POSTAGE  
PAID  
SALEM, OR  
PERMIT NO. 106

## Attention Water and Wastewater Departments

*When finished reading, please route to manager(s), office clerks, city recorder and/or board members.*

## Whose water will take home the title of “Oregon’s Best Tasting Water” at OAWU’s 19th Annual Best Drinking Water Contest and represent our state at the National Best Water Contest in Washington, D.C.?



### Contest Rules

Entrants must be an OAWU member and in State Compliance.

Bring a clear container of no more than a gallon (mason jars work well) of your system’s drinking water to the Annual OAWU Conference in Sunriver.

Entries must be submitted to the OAWU registration desk located in the Great Hall by 3 pm on Tuesday, March 4, 2015.

The container must be clean. You wouldn’t want to contaminate the smell or taste of your entry.

A panel consisting of OAWU and other non-partisan judges will determine the winning Ground and Surface water entries based on clarity, smell and taste.

The overall “Best Drinking Water” will go to the national drinking water contest in Washington, D.C.

The winners will receive a plaque of excellence to exhibit in their community.

## NOMINATIONS

*Looking for the annual awards nomination forms? Visit our website at [www.oawu.net](http://www.oawu.net) for these and much more!*

*OAWU’s mission is to provide service, support and solutions for Oregon water & wastewater utilities to meet the challenges of today & tomorrow.*