

**WEDNESDAY MORNING, MAY 2, 2012**

Preconference Seminars							
Committee	PC2	PC4	PC1	PC5	PC6	PC7	PC8
Room	Water Resources	Public Information/Young Professionals	Distribution	Subsection	EMPTY	EMPTY	EMPTY
Moderators	100 Kim Swan, Rob Annear	200 Libby Barg	300 Tom Keown	500 Dave England	600	A	B
Title	Best Practices for Strategic Water Operations and Planning	Powerpoint and Beyond: Integrating New Tools to Develop a Presentation with "Wow" (bring your laptop)	Water Distribution: Identifying and Defending Your Path Forward, Decision Making Case Studies: Design/Construction, SCADA, AMR	Advanced Control Valve Maintenance and Operation			
8:30 a.m. to Noon with two 15-minute breaks	Best Practices for Demand Management <b>Hossein Parandvash</b>	Bringing Sexy Back: Unleashing PowerPoint's Best Features and Work Session	Putting A New Pressure Zone Into The Middle Of An Old One A Case Study of The Creation of Seattle's Queen Anne 580 Booster Pump Zone <b>Cheryl Capron</b>	Introduction to Control Valves  Pressure Reducing Valves	EMPTY	EMPTY	EMPTY
	Best Practices for Selecting a Long Term Water Supply Option <b>Peter Martins</b>		Upgrading your SCADA system while managing Cash Flow and allowing for operational excellence. <b>Mike Karl</b>	Pressure Relief Valves			
	Best Practices for Selecting Nontraditional Water Supply Alternatives <b>Andrew Graham</b>		Altitude Valves				
	Best Practices for Water Reuse/Reclaimed Water from the implementers/engineers perspective <b>Mark Cullington</b>	Millionaire Matchmaker: Developing Content for Your Target Audience and Work Session	Read 'Em and Weep: Decision Path and Implementation of Advanced Metering Infrastructure <b>Shawn Kotz</b>	Pump Control Valves			
	Best Practices for Surface Water Protection: <b>Karl Morgenstern</b>						
	Best Practices for Groundwater Protection: <b>Dennis Nelson</b>						
Lunch: Noon to 1 p.m. 1:00-4:30 p.m. with two 15-minute breaks	Best Practices for Risk Assessments: Using Asset Management as a business practice improvement <b>Terry Martin</b>	Pumpup your PowerPoint: How to Develop unique and interesting PowerPoint Presentations and Work Session	HDPE Pipeline construction – Keys for successful design and construction <b>Donald Popoff</b>	Advanced System Troubleshooting	EMPTY	EMPTY	EMPTY
	Best Practice for Technology and Modeling <b>Rob Annear</b>						
	Best Practices for Master Planning: <b>Dale Jutila</b>	What Not to Wear (or Share): Tips for Presenting and Presentations	Tualatin SCADA Master Plan and Design to Optimize Operations <b>Michael Johnson</b>	New Innovations with Control Valves			
	Best Practices for Stakeholder Engagement <b>Ben Floyd</b>						
	Best Practices for Operations <b>Jill Hoyenga</b>		Hidden Valley Water Service Geotechnical Decision Making in Steep and Unstable Ground <b>Bill Laprade</b>				
	The Future of planning and management tools: <b>Joe Healy</b>		Back to the Future: Options beyond PowerPoint				
CEU INFO for Entire Day	OR/WA/ID - 0.6	OR/WA/ID - 0.0	OR/WA/ID - 0.6	OR/WA/ID - 0.6			OR/WA/ID - 0.6

**THURSDAY, MAY 3, 2012**

**OPENING CEREMONIES AND LUNCH**

9 a.m.-1:00 p.m.

Committee Room Moderators 1:30-2:30 p.m.

CEU INFO 2:45-3:45 p.m.

CEU INFO 4:00-5:00 p.m.

CEU INFO

Technical Sessions							
TP7	TP5	TP3	TP2	TP6	TP1	TP8	TP4
Conservation	Small Systems Forum	Distribution	Research	Utility Management	Water Quality	Water Treatment	Engineering
100	200	300	500	600	A	B	F
Stephanie Raddatz	Dan Sleeth	Tom Collins	Michael McWhirter	Harvey Barnes	Charlie Dougherty	Jim Shaver	Tyler Clary
Seattle 2030 District Project Beau Schilz	Small Systems Forum Discussion	Behind the Fence Replacing Old Water Main in Confined Spaces of a Prison Garry Truys	Reservoir Water Quality Modeling & Mixing Improvements Matt Hickey	How to Sell Rates and Avoid Long-term Revenue Shortfall John Goodrich	The "New" EPA Regulatory Strategy A Status Update Two Years Later Sam Perry	Exploring a New Aeration Technology – Is it Right for Your System? Stephen Booth	Fundamentals of Well Design, Construction, and Testing Dan Matlock
Designing an Effective Commercial Irrigation Program Michael Brent			ASR Turning the World Upside Down: The Effect of ASR on Distribution and Treatment Operations Ronan Igloria		Considerations for Group Regulation of Carcinogenic VOCs Damon Roth	What Can Membrane Contactor Treatment Technology Do For You: Two Pilot System Case Studies Shawn Kohtz	Technologies, Tools and Tricks for Tackling a Well Rehabilitation Program Chris Augustine
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Integrating Conservation into Water Supply Planning Rachel Lanigan	Small Systems Forum Discussion	Flange bolting, Gaskets, Petrolatum Wax Seminar Rich Varalla	DBP Control with Process Optimization for Raymond Washington Kim Ervin	Asset Management Lessons Learned Peter Martins	Ground Water Rule Compliance Options – Pros and Cons to Consider Melinda Friedman	Water Plant Residuals The Dark Side of Water Treatment Mark Carlson	Lineshafts vs Submersibles Features, Benefits & Applications Joe Evans
Emerging Metering Technology Michelle L. Johnson			Disinfection By-Products – Meeting the Challenge of Compliance with US-EPA DBPR Stage 2 Bill Zavora		Implementing the Ground Water Rule in a Complex System – A Case Study Scott Jonas	Innovations in Biological Treatment: Three Case Studies Rebecca Venot	Groundwater Treatment Technologies Lee Odell
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Implementing the Water Use Efficiency Regulations in Washington: A 5 Year Update Mike Dixel	Small Systems Forum Discussion	Tulalip Water Pipeline Project: Trenchless Design and Construction on a Major Water Transmission Pipeline Project Daniel R. Williams	Making Sure Your Polymer Dose is Safe: Limiting Acrylamide and Epichlorohydrin in Drinking Water Treatment Dameron Roth	How to Make Management Positions More Attractive to Younger Generations Nicki Pozos	Overview of the Revised Total Coliform Rule – Potential Impacts to Utilities and WA State Carol Stuckey	Implementing GAC Surface Water Treatment for Organics and DBP Control Matt Maring	Regulatory Updates on Chemical Contaminants in Groundwater Chromium, Chlorinated VOCs, Perchlorate, and PCE/TCE Sam Perry
			Beyond SCADA: The Next Step to Optimization Grant Van Hemert		Regulatory Compliance Topic from Oregon or Idaho Jerri Henry	Secondary Membranes for Backwash Recovery: Establishing Design Criteria, Demonstrating Performance Expectations, and Implementation Mark Graham	Groundwater Rights 101 Jill Van Hulle
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**FRIDAY MORNING, MAY 4, 2012**

Committee Room Moderators 7:30-8:30 a.m.

CEU INFO 8:45-9:45 a.m.

CEU INFO 10:00 a.m.-11 a.m.

CEU INFO

Technical Sessions							
FA8	FA2	FA3	FA5	FA6	FA1	FA7	FA4
Customer Service	Small Systems	Distribution	Water Treatment	Safety	Water Quality	Public Officials (Mgrs welcome)	Engineering
100	200	300	500	600	A	B	F
Sharon Ferreria, Rhonda Farmer	Dan Sleeth	Doug Schlepp	Michelle Cheek	Mike Jacobs	Charlie Dougherty	Len Englund	Tyler Wubbena
Fixed Base AMI: "The Gresham Story" John Aho	Securing remote stations KimFu Lim	Lessons learned on the City of Bellevue's Reservoir Recoating Projects Daniel R. Williams	Pilot Testing for the Green River Filtration Facility, Kim DeFolo	Writing SOPs for Safety and Other Tasks, Part 1 – Method and Process Len Cornwell	Seattle's Experience: 24/7 Water Quality Monitoring Wylie Harper	Hydro-Fracking and what Public Officials should know about ground and surface water Catherine Howells	PGE's Dispatchable Generation Program Kelly Cox
			Dealing with Murphy's Law at Water Treatment Plants, Alex Chen		Continuous Water Quality Monitoring for the Distribution System Comes of Age Paul Berg	Customer Service Personnel Protection TBD	Commissioning and Maintaining Diesel Generators Tom Tomlinson
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Creative Training Programs for Today's Economy Jacki Masters	iSCADA Make SCADA Fit Your Operation Needs Mike Karl	Small Hydro Projects Can Generate Revenue and Offset Rising Energy Costs Oveson	Improved Water for Newport Oregon A small town and the challenges of a huge project Verena Winter	Writing SOPs for Safety and Other Tasks, Part 2 – Application of Method and Process. Len Cornwell	DBP Formation, Grants Pass, A Case Study Jason Canady	Lane v. City of Seattle / Tacoma v. Bonney Lake Cases John Milne	Backup Generator Selection Todd Hackett
			Piloting to Expand Surface Water Treatment beyond Mere Regulatory Compliance Lynn Williams		Dead End Nitrification Mystery Eloise Eccles	Conjunctive Administration of Surface and Ground Water Dave Tuthill	Utility Perspectives when Designing Backup Power Facilities Tyler Wubbena
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Training Coordination Committee Strategic Plan	Coating and Corrosion Considerations for Small Systems Jerry Duppong	Asset Management in the Fast Lane for Water Distribution Systems: City of Houston Paul Schumi	Improving Filtration Performance Without Membranes Ideas That Have Worked Steve Price	Asbestos Safe Work Practices Eric Fullan	Distribution System Best Management Practices Lee Odell	Workforce Development / Succession Planning Kim Anderson	Design Consideration for Mechanical Systems Supporting Backup Power Facilities David Seger
Research committee survey results on training needs			Tracer Studies and Baffling Efficiency – Theory and Real World Challenges Sam Perry		Solutions for Water Quality Issues in Your Water Storage Tank Mark Moore	Panel of Experts	Epa Emission Requirements and What Does it Mean for New and Existing Backup Power Generators Joel Martin
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**FRIDAY AFTERNOON, MAY 4, 2012**

Committee Room Moderators 1:30-2:30 p.m.

CEU INFO 2:45-3:45 p.m.

CEU INFO 4:00-5:00 p.m.

CEU INFO

Technical Sessions							
FP1	FP2	FP5	FP3	FP7	FP6	FP8	FP4
Water Resources	Small Systems/Cross Connection	Public Information	Research	EMPTY	EMPTY	Competitions	Engineering
100	200	300	500	600	A	B	F
Walt Burt	Dan Sleeth/Christine Hollenbeck	Clark Worth	Lynn Williams			Jim Bricel/Doug Priest	Jeff Foray
Integrated Water Management: Enhancing Water Availability through Integration of Storage, Operations Derek Sandison	Cross Connection Control Programs for Small Systems Mary L. Howell	Using Body Language for Effective Leadership Nicki Pozos Niki Iverson	Conceptual Design for Everett DAF: The Reason for Pilot Testing Alex Mofidi	EMPTY	EMPTY	Field Innovations	Alternative Project Delivery: The Law and the Future in the Pacific Northwest Robynne Thaxton Parkinson
			Pilot Testing DAF at City of Bellingham Joe Natress				
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Keeping Water Close to Home: Effective Water Resource Management in the Quincy Basin Emil Voges	Confined Space Awareness Garrett Yates	Securing Rates to Fund a Major Project in Hard Economic Times: Experience of Tigard, Oregon Joe Healy	Emerging Industry Changes in Medium Pressure UV Disinfection Validation & Design Alex Mofidi	EMPTY	EMPTY	Top Ops	GC/CM and the Green River Water Treatment Plant Randy Krueger
Conjunctive Use and Mitigation to Maintain Municipal Water Supplies in Idaho Dave Tuthill		Rewards and Challenges of Incorporating Public Feedback in Facility Design Jane Heisler	Manganese Removal Pilot Testing in South Western Washington Lee Odell				Using a Design Build Process to Deliver a Membrane Potable Water Treatment Plant Jeff Lindgren
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Market based approaches to Water Supply Enhancement Ernie Niemi		Changing Utility Culture through Project Management Innovations Dale Jutila	Sunlight Driven Synthesis and Activation of Free Chlorine in Drinking Water Disinfection Michael Dodd	EMPTY	EMPTY	EMPTY	Design Build Water Projects for the US Navy Ron Bard
Water Banking – Drought Management and Mitigation for Municipal Water Users Scott Slater			Focus on Research John Albert				Panel Discussion/TBD
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