

WELCOME TO THE WATER EDUCATION SEMINAR



Wednesday, August 13, 2014
Santiago Canyon College • Orange, CA



We appreciate you attending the 2014 Water Education Seminar.

We would like to take this opportunity to thank the following organizations and people for their time and effort in organizing this event:

- California – Nevada Section, AWWA – Education Committee
- Education Committee Chair – Scott Rovanner, City of Benicia
- Santiago Canyon College Administration and Staff
- All Speakers for their support of the event
- All volunteers and their organizations for their efforts today
- Exhibitors and Sponsors

Water Education Seminar, Orange CA

Technical Schedule



SESSION 1

Time	Drinking Water Regulations	Water Treatment Objectives	Distribution System Challenges	Water Quality Monitoring	System Control, SCADA, IT	Manufactures and Associates Council
	Room: D-101	Room: D-121	Room: E-206	Room: E-306	Room: D-216	Room: D-221
8:00-8:50	Safe Drinking Water Act and the Future (Jeff O'Keefe, SWRCB, Division of Drinking Water)	Why Treatment Plants Fall Short (Dave Foust, Metropolitan Water District)	In-Tank Aeration for Stage 2 DBP Compliance (Holda Crocker, PAX Water Technologies)	Chemistry Sampling and Testing Experiences in the DS (Rick Zimmer, Eurofins Eaton Analytical)	Asset Management for Utilities (Ron Butcher, Timmons Group)	Chemical Metering Pump, Accessories and Systems (Richard Hopkins, Hopkins Technical Products)
8:50-9:20	BREAK					
9:20-10:10	Total Coliform Rule-Revised (Oliver Pacifico, SWRCB, Division of Drinking Water)	The Role of Membranes in Water Treatment (Eric Owens, West Basin Municipal Water District)	Service Line Replacement Pilot Program (Scott Lacy, Underground Solutions)	Chlorine Residual-Colormetric vs Amperometric (Brian Rhoades, Hach Company)	SCADA Software Upgrade Project (Henry Palechek, Helix Water District)	Facility Maintenance Painting: The DIY Approach for Municipalities (Paul Trautmann, Sherwin-Williams CO)
10:10-10:30	BREAK					
10:30-11:20	Disinfection Byproduct Rule (Eric Zuniga, SWRCB, Division of Drinking Water)	Chloramine Generation Utilizing On-Site Hypochlorite Generation & Mixing (Becca Obuchowski, Process Solutions)	Rubber Expansion Joints for Piping Systems (Patrick Michael, GSM)	pH and Turbidity (Ali Trollier, Hach Company)	Filter PLC Modifications (Dave Harris, Santa Fe Irrigation District)	The Six Step Locating Process (John Pujol, Advanced Infrastructure Technologies)
11:20-12:20	LUNCH- Raffle Drawing at Membership Booth					
12:20-1:10	Regulatory Update (Faraz Asad, SWRCB, Division of Drinking Water)	Ozone Operations and Challenges (Dave Foust, Metropolitan Water District)	Monitoring PRV Stations (Monte Roberts, Cla-Val)	The History and Future of ELAP (Christine Sotelo, Environmental Laboratory Accreditation Program, Division of Drinking Water)	SCADA Radio Pilot Project (Henry Palechek, Helix Water District)	Solutions for Water Quality Issues in Your Water Storage Tank (Mark Moore, DN Tanks)
1:10-1:40	BREAK					
1:40-2:30	California Waterworks Standard (Dmitriy Ginzburg, SWRCB, Division of Drinking Water)	Introducing Desalinated Ocean Water into Potable Water Distribution Systems (Justin Pickard, West Basin Municipal Water District)	Polyurea Coating for Potable Water Tanks (Lee Bower, VersaFlex)	Storage Tank Mixing and Distribution System Water Quality Improvements (Holda Crocker, PAX Water Technologies)	IP Camera Technology (Kyle James, Helix Water District)	Solving Water Quality Problems and Reducing Operational Expenses with Continual Solar or Grid-Powered Mixing (Dave Summerfield, Medora/Solarbee)
2:30-2:40	BREAK					
2:40-3:30	Water Utility Perspective of the SDWA (Mic Stewart, Metropolitan WD)	Pretreatment Strategies (Scott Rovanner, Benicia)	Pipe Locating Theory (Steve Gamblin, Pres-Tech)	Coliform Sampling and Testing Experiences in Distribution Systems (Rick Zimmer, Eurofins Eaton Analytical)	SCADA Networks and Redundant Systems (Brian Tutor, EtherWAN)	Customer Engagement with Water Utilities! (Lance Brown, Smart Utility Systems)

Water Education Seminar, Orange CA

Preliminary Technical Schedule



SESSION 2

Time	Emergency Preparedness	Recycled Water	Backflow & Cross Connection	Workplace Safety and Training	Leadership & Management	Challenges in Water Operations
	Room: D-222	Room: E-305	Room: E-205	Room: D-215	Room: D-220	Room: E-203
8:00-8:50	Community Based Water Resiliency (Joseph Crisologo, SWRCB, Division of Drinking Water)	The Future of Recycled Water in California (Rhodes Trussell, Trussell Technologies)	The Basics of Backflow Prevention (Bill Laird, Western Backflow)	Lock-Out/Tag-Out (Tonya Howard-Taylor and Kirk Fortson, LADWP)	Listen, Learn, Laugh, Lead-Real World Leadership (Sue Mosburg, Sweetwater Authority)	Water Treatment Plant Operations Under Difficult Source Water Algal Bloom Conditions (Gary Syfers, MWD)
8:50-9:20	BREAK					
9:20-10:10	Cyber Security in the Water Industry (Jim Potter, Phoenix Contact)	Permitting In-Direct Potable Reuse in Calif. (Cathy Chang, Water Replenishment District)	What is an Approved Backflow Assembly (Bill Laird, Western Backflow)	Electrical Shock Hazard at the Meter (David Leonard and Ignacio Perez, LADWP)	Online Classes and Records Management (Amy Albanese, Target Solutions)	Jar Test Variations for Optimizing Conventional Water Treatment (Larry Lyford, Helix WD)
10:10-10:40	BREAK					
10:40-11:30	Emergency Preparedness (Gary Sturdivan, KUV Consultants)	Recycled Water Projects in Southern California (Raymond Jay, Metropolitan Water District)	Conducting a Thorough Cross Connection Control Survey (Lauren Hatch, Orange County EHD)	Respiratory Protection Program (Scott Rovanner, Benicia)	Proposition 218 and Drought Surcharges (Kim Boehler, NBS)	Operator Certification Program, "Op Cert" (Alice Weber & Doug Wilson, Op Cert)
11:30-12:30	LUNCH- Raffle Drawing at Membership Booth					
12:30-1:20	Climate Change and Water Resources (Andrew Schwarz, DWR)	Engaging the Public for Recycled Water Projects (Patricia Tennyson, Katz & Associates)	Specialist or Tester - What Are Their Responsibilities? (Bill Laird, Western Backflow)	Confined Space Entry-The Do's and Dont's (Lourdes Borrego-O'Brien, Tank Industry Consultants)	Water and Sewer Rate Studies and Key Issues Affecting Rates in California (Kim Boehler, NBS)	Operator Certification Program, "Op Cert" (Alice Weber & Doug Wilson, Op Cert)
1:20-1:40	BREAK					
1:40-2:30	When Chemicals Become Hazardous Wastes (Scott Rovanner, Benicia)	Developing Potable Reuse in California (Mike Markus, Orange County Water District)	Educating the Consumer About Backflow Prevention and Cross Connection Control (Ben Bennett, Backflow Prevention)	Lock-Out/Tag-Out (Tonya Howard-Taylor and Kirk Fortson, LADWP)	Rocky Mountain Section AWWA/WEA Joint Supervisory Leadership Program (Richard Gerstberger Tap Resource Group)	Managing Ozone to Avoid a Catastrophe (Larry Lyford, Helix Water District)
2:30-2:40	BREAK					
2:40-3:30	Communicating to Policy Makers and the Public (John Bwarie, Stratiscope)	Beyond Building Codes- Maximizing Efficiency (Elizabeth Lovsted, Eastern Municipal WD)	CA-NV AWWA Tester Specialist Certification (Ben Bennett, Backflow Prevention)	Electrical Shock Hazard at the Meter (David Leonard and Ignacio Perez, LADWP)	Creating Effective Leadership and Org. Sustainability (Richard Gerstberger Tap Resource Group)	Ozone as Pre-treatment: Benefits and Challenges (Rajen Budhia, West Basin MWD)