



American Water Works Association Pacific Northwest Section

Distribution System Committee Report - Spring 2017

Chair: Bill Reynolds, PACE Engineers, billr@paceengrs.com
 Vice Chair: *vacant*
 Secretary: Jeff Austin, Utility Service Group, jaustin@utilityservice.com
 Past Chair: Doug Schlepp, RH2 Engineering, dschlepp@rh2.com
 Trustee: James Dean, City of Yakima, jdean@ci.yakima.wa.us

Meetings

The Distribution System Committee conducted a recent meeting on February 7, 2017, utilizing the Section's GoToMeeting account and conference call service. The goal of conducting a second local training class was suspended due to the upcoming conference and level of workload for many of those on the committee.

Our annual membership conference meeting is scheduled for 5:30 PM, Thursday evening (May 4th) at the Springhill Suites restaurant, adjacent to the Conference Center. We will be conducting the election of officers for the upcoming year, and are looking forward to having new individuals involved in our committee and fill in the current vacancies on our team. We will be renewing our training goals for 2017. The next regular meeting is scheduled for Tuesday July 11th, 2017 (to avoid conflicts with the July 4th Holiday).

2017 Conference

The DSC is geared-up to provide a great tract of classes at the Conference in Kennewick, as shown on the list of presentations and Moderators included below. Our Annual Membership Meeting during the conference will be a great opportunity to catch up with our fellow committee members, invite interested new professionals to join our ranks, and elect our officers.

2017 Distribution System Committee Sessions and Moderators

Wednesday, May 3

Morning Pre-Conference Seminar
C - 130
Jacki Masters
Meeting the Challenges of Water Supply Resiliency in the Pacific Northwest: Consolidating and Transferring Water Rights to More Efficient Production Wells- Derek Holom
The Quad Cities Water Right - A Collaboration of the Cities of Richland, Pasco, Kennewick and West Richland- Molly Reid
Estimating Groundwater Resources Of The Republic Of Marshall Islands-Brandon Barkey
Groundwater Replenishment With Purified Water Injection Provides Drought Storage and Environmental Benefits- Todd Reynolds
Well Design for Optimal Efficiency By Understanding And Minimizing Well Losses At Source- Michael Kenrick
A Tale of Two Wells: Reconstruction of Two Hand Dug Caisson Well Stations- Joseph Foote

Thursday, May 4

Early Bird Session
C - 130
Chris Wanner
Optimizing System-Wide Flushing with a UDF Pilot Plan- Aurelie Nabonnand
Unidirectional Flushing: A Return on Experience- Aurelie Nabonnand

Friday, May 5

Morning Regular Technical Session
C - 130
Tom Keown
These Customers Won't Go Thirsty: Improving Water System Operations and Redundancy with a Replacement Water Pump Station and Seismic Upgrades- Daphne Marcyan
Seismic Upgrade to a Reservoir Foundation - Managing the Project Hurdles to Completion- Michael Grimm
Seismic Resiliency: Upgrading a Treated Water Reservoir and Transmission Pipelines for the Big One- Deborah Russell
Planning For Seismic Resilience In Gresham's Water System- Rachel Lanigan
SERPs Up! (Seismic Evaluation and Resiliency Planning) Are You Catching The Wave?- Brian Murphy

Wednesday, May 3

Afternoon Pre-Conference Seminar
C - 130
Dan Reisinger
Have Your Cake: Operator's Guide to Sustainable Asset Management Ronan Igloria
Implementing a Risk-Based Main Replacement Strategy at EWEB Chris Irvin
Northshore Utility District's Approach to the Condition Assessment of Bar Wrapped Pipe Michelle Kerr
Squeezing Additional Life Out of a 100-Year-Old Reservoir Jennifer Garbely
Criticality Analysis: The Important Pipes Below Joseph Foote
Asbestos-Cement Pipe: Asset or Liability Douglas Schlepp

Thursday, May 4

Afternoon Regular Technical Session
C - 130
Doug Schlepp
From Layups to Dunks: Rezoning for Operational Efficiency Without Impacting Critical Customers- Mike Amburgey
Three Birds with One Stone: Water System Planning, Operations & Maintenance Manual Updates, and Asset Management- Sam Adams
Resurrecting A Unidirectional Flushing Program, Part 1 of 2: Getting the Program Up and Running- Paige Igoe
Resurrecting A Unidirectional Flushing Program, Part 2 of 2: The Real Cost Of Deferred Valve Maintenance- Dave Muto
Meeting The New Guidelines for Main Break Classifications and BMPs. - David Stanley
Large Diameter Wet Taps vs. The Cut & Section- Nathan Morgan

Friday, May 5

Afternoon
C - 130
Logan Fesenmair
Using Pressure Data Loggers To Improve Hydraulic Model Accuracy And To Troubleshoot Distribution System Problems- Ryan Withers
Pocatello Master Planning – Balancing System Pressures and Fire Protection- David Stangel
Portland Water Bureau's Water Quality Corrosion Study- Kimberly Gupta
The Circuitous Path to Success – WWSP Design, Construction, and Coordination Challenges- Mike Britch
City of San Bruno Glenview Water Tank 3: Building a Critical Piece of Infrastructure Adjacent to the San Andreas Fault- Jeffrey Wanlass
TVWD/City of Tualatin's 10 MGD Portable Emergency Pump Station: Providing Supply Redundancy to a Single-Source Service Area and Adjacent City- Peter Boone