

## 2013 Water Reuse in Texas - Extending Our Water Frontier July 12, 2013

8:00 a.m.–12:00 p.m.	Registration Open – Austin Convention Center	
8:00 a.m. – 8:45 a.m.	Meet and Greet, Coffee and Juice	
8:45 a.m. – 9:45 a.m.	Opening Session – Greg Meszaros, Austin Water Utility/WaterReuse Texas President Water Reuse Texas Program Initiatives and Reuse Database Keynote Speaker- Texas State Representative Doug Miller, District 73	
	<b>AI: Itsy Bitsy Micro-constituent, Got in the Water Spout?</b>	<b>BI: Diversifying Your Water Portfolio with Reuse</b>
Moderator	Jenna Covington, PE, CH2MHill	Jason Christensen, PE, HDR
10:00 a.m. – 10:30 a.m.	Ben Stanford, Ph.D., <i>Efficacy and Energy Requirements for Trace Contaminant Removal in Water Reuse Systems</i> , Hazen and Sawyer	Stephen Jenkins, PE, <i>Planning for Expanded Reuse</i> , RPS Espey
10:30 a.m. – 11:00 a.m.	Hal Schmidt, PE, BCEE, <i>No Sweetener in Your Stormwater, But What about Your Reclaimed Water?</i> , MWH	Dan Pedersen, PE, <i>Auxiliary Water Codes – Regulatory Impediments to Reclaimed Water Use</i> , Austin Water Utility
11:00 a.m. – 11:30 a.m.	Laura Kennedy, <i>Risk Assessment Study of PPCPs in Recycled Water to Support Public Review</i> , Kennedy/Jenks	Giancarlo Marcus Ronconi, <i>AQUAPOLO AMBIENTAL Project</i> , Odebrecht Ambiental / Foz
11:30 a.m. – 12:00 p.m.	Catherine Hoffman, <i>Enzymatic treatment for water reuse: removal of pharmaceuticals and personal care products from wastewater</i> , UT Austin	James Dwyer, PE, <i>Expanding Reuse Availability with Aquifer Storage and Recovery Management</i> , CH2MHill

12:00 p.m.-1:30 p.m.	<b>Conference Lunch On-Site</b> Ed Archuleta, PE, Past President/CEO, EPWU “Water Management: From Waste to Resource and the Path Forward”	
	<b>A2: Solving the Reuse Equation?</b>	<b>B2: Potable Reuse: Treatment, Trends and Guidelines</b>
Moderator	Kathy Fretwell, Kennedy/Jenks	David Sloan, PE, BCEE, Freese and Nichols
1:30 p.m. – 2:00 p.m.	Chris Varnon, PE, <i>Delivering Reclaimed Water to Power Plants that will not Create Non-Compliance Events at their Discharge</i> , CDM Smith	Ellen McDonald, Ph.D., PE, <i>The Next Water Frontier: Update on Direct Potable Reuse Initiatives</i> , Alan Plummer & Associates, Inc.
2:00 p.m. – 2:30 p.m.	Gilbert Trejo, PE, <i>A Potable Reuse and Wetlands Improvement Concept for Drought-Challenged El Paso, TX</i> , MPI Arcadis	Eva Steinle-Darling, Ph.D., PE, <i>Guidance and Treatment Technologies for Direct Potable Reuse-A National Perspective</i> , Carollo
2:30 p.m. – 3:00 p.m.	<b>Networking/Refreshment Break</b>	
3:00 p.m. – 3:30 p.m.	Roger Schenk, <i>Conservation + Reuse = Effective Drought Management</i> , CDM Smith	Ken Hall, PE, <i>Balancing Costs and Benefits of Potable Reuse Treatment Technologies</i> , CH2MHill
3:30 p.m. – 4:00 p.m.	Guy Carpenter, PE, <i>A Decision Tool to Evaluate Dual Distribution and Indirect Potable Reuse Alternatives</i> , Carollo	Don Vandertulip, PE, BCEE, <i>Updating Texas Reclaimed Water Regulations by Adopting 2012 EPA Guidelines Best Practices</i> , CDM Smith
4:00 p.m. – 4:05 p.m.	<b>Closing Session</b>	
Alternate Presenters	Ken Diehl, <i>Addressing Emerging Contaminants - PPCPs: San Antonio Residential Pharmaceutical Drug Disposal Program, MedDropSA</i> ; Kathy Fretwell, <i>The Reclaimed Water Business and Steps for Project Success</i> , Kennedy/Jenks, Amanda Van Epps, <i>Nutrient Limitations in Membrane Bioreactor Treatment of Household Light Greywater</i> , UT Austin	