

**2016 Water Reuse in Texas - Extending Our Water Frontier
July 15, 2016**

8:00 am – 12:00 pm	Registration Open – Embassy Suites Conference Center and Spa, San Marcos, TX	
8:00 am – 8:45 am	Meet and Greet, Coffee and Juice	
8:45 am – 9:45 am	Opening Session – Thomas Taggart, , WateReuse-Texas President Opening Session Welcome – Guy Carpenter, WRA President Keynote Speaker- Representative Doug Miller, New Braunfels	
	A1: Advanced Treatment for IPR and DPR	B1: Regulatory Tools, Changes and Challenges
Moderator	David Sloan - FNI	Jason Christensen - HDR
10:00 am – 10:30 am	<i>Design, Construction and Commissioning Observations for the First Indirect Potable Reuse Project Using MBR, RO and Ozone in the United States - Abilene, Texas</i> Joshua L. Berryhill, P.E.-Enprotec/Hibbs and Todd, Inc.	<i>A New Option for Wastewater Disposal via Land Application Incorporating Beneficial Reuse.</i> Chris Herrington, P.E.- City of Austin Watershed Protection Department
10:30 am – 11:00 am	<i>Clearwater's Preliminary Design of a Full Advanced Treatment Indirect Potable Reuse: Operational Insights, Lessons Learned, and Design Approach</i> Dave MacNevin- Tetra Tech	<i>New Developments in Indirect Water Reuse Water Rights</i> James Aldredge - Lloyd Gosselink
11:00 am – 11:30 am	<i>Adaptation of UV Advanced Oxidation for Inland Potable Reuse Treatment: A pilot Study of UV AOP Treatment of TX and OK Reclaimed Waters</i> Michael Watts, PhD PE - Garver	<i>Maximizing Pathogen Removal Credits for NF and RO in Direct Potable Reuse Schemes Through Continuous Monitoring of a Fluorescent Microbial Surrogate</i> Jim Lozier – CH2M
11:30 am – 12:00 pm	<i>Full scale UV Advanced Oxidation Process with Sodium Hypochlorite for Potable Reuse Treatment – an economic attractive option</i> Keel Robinson-Xylem	<i>Nanofiltration Rejection of CECs from WRRF Secondary Effluents for Potable Reuse Applications</i> Steven M. Jones, PE-Garver
12:00-1:30 pm	Conference Lunch-Ed Archuleta Award – David Sloan-FNI	
	A2: DPR Tale of Three Cities	B2: Utility Reuse Planning
Moderator	Ken Hall – CH2M	Dan Pedersen – Austin Water Utility
1:30 pm – 2:00 pm	<i>Pilot Testing Results for a Direct-to-Distribution DPR Treatment Train</i> Daniel Olson - ARCADIS	<i>City of Round Rock Water Reuse System Planning for Today and into the Future</i> David Freireich, P.E. – City of Round Rock, TX
2:00 pm- 2:30 pm	<i>City of San Angelo DPR Project Pilot Study Development</i> Alan Davis - Alan Plummer Associates, Inc.	<i>Feasibility Study for a Reclaimed Water System for the Dowdell Public Utility System Near Houston, Texas</i> Michael F. Bloom, P.E., BCEE-R. G. Miller Engineers Inc.
2:30 pm- 3:00 pm	<i>Direct Potable Reuse Can (and Does!) Improve Water Quality: Full Results from Water Quality Testing at the Raw Water Production Facility in Big Spring</i> Eva Steinle-Darling – Carollo Engineers	<i>Feasibility Planning Study for Direct Potable Reuse in Central Texas</i> Martin Rumbaugh, PE, BCEE - AECOM
3:00-3:30pm	Networking Break	
	A3: Water Source and Storage Quality Impacts	B3: Accounting for Money and Salt
Moderator	Caroline Russell - ARCADIS	Shannon Rodriguez – City of Houston
3:30 pm- 4:00 pm	<i>Source Water Impacts on Performance and Reliability of Potable Reuse Treatment</i> Ignacio Cadena - Black & Veatch	<i>Salt Accounting in Surface Augmentation</i> David Sloan - Freese and Nichols, Inc.
4:00 pm- 4:30 pm	<i>Use of Aquifer Storage and Recovery to Enhance DPR in Texas</i> James Dwyer/Joe Jenkins – CH2M	<i>Partnership Funding For Water Reuse - Revenue For Municipality, Insurance For Industry</i> Jonathan Sandhu P.E. - Brown & Caldwell
4:30 pm	Conference Closing	
Alternate Speakers	<i>Comparing the Sustainability of Three Different Indirect Potable Reuse Treatment Schemes</i> Jim Lozier-CH2M; <i>Planning for DPR - its OK in OKC</i> Gary Hunter-Black & Veatch; <i>Treatment with Microfiber Cloth, Ultrafiltration, and Double-Pass Reverse Osmosis Allows Reuse of High-Salinity Industrial Wastewater</i> Dave Holland-Aqua-Aerobic Systems, Inc.	