

2015 Water Reuse in Texas - Extending Our Water Frontier
July 17, 2015

8:00 a.m.–12:00 p.m.	Registration Open – Lubbock Overton Conference 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 – Ellen McDonald, APAI, WaterReuse-Texas President Opening Session Welcome - Aubrey Spear, Director of Water Utilities, City of Lubbock Keynote Speaker- Senator Charles Perry		
	A1: Planning		B1: Potable Reuse Safety and Reliability
Moderator	Caroline Russell, ARCADIS		Ken Hall, CH2M
10:00 a.m. – 10:30 a.m.	<i>Planning and Optimizing Your Reuse Projects : A Legal and Regulatory Overview</i> – Brad Castleberry-Lloyd Gosselink	<i>Update on Water Quality Testing at the Raw Water Production Facility DPR Facility in Big Spring</i> – Justin Sutherland, Carollo Engineers	
10:30 a.m. – 11:00 a.m.	<i>EPA Development of Potable Water Reuse Guidance: Planning for the future through the Guidelines for Water Reuse Series and State of the Potable Reuse Industry Supplement</i> – Allegra da Silva, CDM Smith	<i>Monitoring Reverse Osmosis Membrane Integrity for Direct Potable Reuse Applications</i> - Mary C. Portillo, MWH Americas, Inc.	
11:00 a.m. – 11:30 a.m.	<i>Changing Attitudes and Management of Reclaimed Water</i> – Don Vandertulip, Vandertulip WaterReusEngineers	<i>Automated Online Microbiological Water Quality Monitoring is Possible Now</i> – Joel Appels, microLAN On-line Biomonitoring Systems	
11:30 a.m. – 12:00 p.m.	<i>Recycled Water As An Urban Planning And Re-Development Tool</i> – Pablo Martinez, SAWS	<i>Keep it Coming!</i> – Extending DPR in Wichita Falls – Daniel Nix, City of Wichita Falls, TX	
12:00 p.m. – 1:30 p.m.	Conference Lunch On-Site Ed Archuleta Award Presentation: Daniel Nix and Russell Schreiber, City of Wichita Falls		
	A2: Disinfectant Applications	B2: Purple Makes Green with Title XVI	C2: Texas Tech Water Reuse Research Panel
Moderator	David Sloan, Freese & Nichols	Jason Christensen, HDR	Dr. Clifford Fedler and Dylan Christianson
1:30 p.m.– 1:45 p.m.	<i>One Dose Fits All – Or Does It? The Use of Chloramine in RO Reuse Applications</i> – Troy Walker, Hazen and Sawyer	<i>Funding Opportunities for Water Reuse Projects</i> - Collins K. Balcombe, Bureau of Reclamation	<i>Brackish Water Desalination in West Texas to Preserve and Augment Freshwater Supplies</i> - Venkatesh Uddameri
1:45 p.m. – 2:00 p.m.			<i>Beyond FAT: Treatment Trains for Space-Based Reuse</i> – Dylan Christenson
2:00 p.m. – 2:15 p.m.	<i>Can MBR Reduce or Eliminate Need for Addition Disinfection – Case Studies</i> – Ufuk Erdal, CH2M	<i>Laguna Madre Water District Considers DPR with Help from Bureau of Reclamation</i> – Andy Salvesson, Carollo Engineers	<i>Biological Pretreatment to Reduce Biofouling and Improve Performance in RO Systems</i> – Jason Crawley
2:15 p.m. – 2:30 p.m.			<i>Performance of Covalently Attached Organo-Selenium to Feed Spacers during Longterm Biofouling Testing</i> – Paula Monaco
2:30 p.m. – 3:00 p.m.	Networking/Refreshment Break		
	A3: The Sun isn't Setting on West Texas Potable Reuse		B3: Groundwater Implications
Moderator	Daniel Nix, City of Wichita Falls, TX		Don Vandertulip, VWRE
3:00 p.m. – 3:30 p.m.	<i>Pilot Testing El Paso's Advanced Water Purification Facility</i> – Caroline Russell, ARCADIS		<i>New Territory Water Reuse Project</i> – Lindsay Kovar, Brown and Gay Engineers
3:30 p.m. – 4:00 p.m.	<i>Expanding the Water Supply Portfolio in Abilene, Texas- Indirect Potable Reuse to Augment Lake Fort Phantom Hill</i> – Ellen McDonald, Alan Plummer Associates, Inc.		<i>Beenyup Advanced Water Recycling Plant - The Perth, Australia Groundwater Replenishment Scheme</i> – Jim Lozier, CH2MHill
4:00 p.m. – 4:05 p.m.	Closing Session		
Alternate Presenters	<i>Finding the Right Fit: Reuse Planning for Residential, Park and School Irrigation in the City of Boerne</i> - Cale Underberg, HDR Engineering; <i>Evaluating The Business Case For Industrial Water Reuse</i> - Thomas R. Steinwinder, Brown and Caldwell; <i>A Technical and Economic Comparison of Alternative Treatment Trains for DPR</i> – Kati Bell, CDM Smith; <i>Even a Good Problem Needs a Solution: When Customers Want Too Much Reuse</i> – Richard Weatherly, Freese & Nichols		