

2012 Water Reuse in Texas - Extending Our Water Frontier July 20, 2012

8:00 a.m.–12:00 p.m.	Registration Open – Hilton Downtown Fort Worth	
8:00 a.m. – 9:00 a.m.	Meet and Greet, Coffee and Juice	
9:00 a.m. – 10:00 a.m.	Opening Session - Greg Meszaros, City of Austin/WateReuse Texas President Opening Session - Brian Good, President WateReuse Association Drought Impact on Texas/Future Forecast- John W Nielsen-Gammon, State Climatologist	
	A1: Planning Trends, Decisions and Challenges	B1: To Drink-Or Not to Drink
	Moderator: Frank Crumb, Fort Worth Water Department	Moderator: Don Vandertulip, CDM Smith
10:00 a.m. – 10:30 a.m.	Trends In Direct Reuse In Texas: 1997-2012 Roger E. Schenk Jr - CDM Smith	Policy Planning for Potable Reuse David Sloan - Freese and Nichols
10:30 a.m. – 11:00 a.m.	The Emergence of Water Reuse Projects in New Buildings and New Developments for LEED Credits and Related Sustainability Goals Anni Luck - Hazen and Sawyer	Potable Reuse in Texas: A Look into the Crystal Ball Ellen T. McDonald -Alan Plummer Associates
11:00 a.m. – 11:30 a.m.	A Multi-Criteria Decision Tool to Evaluate Dual Distribution and Indirect Potable Reuse Alternatives Guy Carpenter - Carollo Engineers	Moving Toward More Cost Effective Removal of Microconstituents Eva Steinle-Darling - Carollo Engineers
11:30 a.m. – 12:00 p.m.	Challenges in Developing Frisco's Reuse System Jessica Brown - Freese and Nichols	Water Reuse and the Worst Drought on Record in the Land Down Under Ken Hall - CH2M Hill
12:00 p.m.-1:00 p.m.	Conference Lunch – On Site Reuse ScoreCard: Are we Making the Right Kind of Change? Jorge Arroyo - TWDB	
	A2: Oil and Gas Water Reuse	B2: Reuse Planning With a Financial Twist
	Moderator: Jonathan Vorheis, CH2M Hill	Moderator: David Sloan, Freese and Nichols
1:00 p.m. – 1:30 p.m.	Produced Water Treatment and Reuse in Queensland, Australia Ronald Cass - MWH	Turning Purple into Green: The Williamson County Water Reclamation and Reuse Project Jason Christensen, HDR
1:30 p.m. – 2:00 p.m.	Water Reuse and Recycling in the Oil and Gas Industry Ken Nichols - CH2M Hill	Design Challenges and Rate Setting for the Midland MBR Reclaimed Water Production Facility Samir Mathur - CDM Smith
2:00 p.m. – 2:30 p.m.	Efficacy of Electro coagulation (EC) as a Technology to Treat Flowback and Produced Water for Reuse in Hydrofracturing Operation Somnath Basu - Shell Oil Company	User-Friendly Spreadsheet Model to Assess Economic Feasibility of Reclaimed Water to Users Grace Johns - Hazen and Sawyer
2:30 p.m. – 3:00 p.m.	Refreshment Break	
	A3: Where Do You Begin Reuse	B3: Reuse System Start-Up Challenges
	Moderator: Jason Christensen, HDR	Moderator: Jenna Covington, CH2M Hill
3:00 p.m. – 3:30 p.m.	Fort Worth, Texas Where the West Reuse Begins S. Fichera - Fort Worth Water Department	Customer's Perspective and Challenges in Converting a "Reclaimed Ready Site" to Reclaimed Water Cole O. Newton - Austin Water Utility
3:30 p.m. – 4:00 p.m.	ASTM Standards Offer a Solution to the Pipe Color Code Issue Don Vandertulip, CDM Smith	MBRs Come to Hays County Robert P. Callegari - CMA Engineering
4:00 p.m. – 4:05 p.m.	Closing Session	
Alternate Presenters	Wastewater to 21 mgd Water Supply, Tara Fishbain, Hazen and Sawyer; A Case Study for Decentralized Wastewater Treatment Plants in Sugar Land, TX, Kyle Jones, AECOM; Using Existing Infrastructure Successfully – the Benefits and Precautions, Tom Ray, LAN	