

**2011 Water Reuse in Texas - Extending Our Water Frontier  
January 28, 2011**

8:00 a.m. – 12:00 p.m.	Registration Open in SAWS Tower II	
8:00 a.m. – 9:00 p.m.	Meet and Greet, Coffee and Juice	
9:00 a.m. – 9:30 a.m.	Opening Session-Robert R. Puente, J.D., President/CEO SAWS	
	A1: Utility Operations - <i>Choices and Challenges</i>	B1: Water Planning - <i>Texas Style</i>
	Moderator: Roger Schenk, CDM	Moderator: David Sloan, PE, BCEE, Freese & Nichols
9:30 a.m. – 10:00 a.m.	<i>Balancing Reclaimed Water Use and Water Resource Planning</i> -Bob Johnson, PE, MWH	<i>A Century of Progress-What Does the Future Hold? Part 1: Texas Reuse History</i> - Alan Plummer, PE, BCEE, Alan Plummer Associates
10:00 a.m. – 10:30 a.m.	<i>Austin-Bergstrom International Airport's Conversion to Reclaimed Water for Irrigation and Cooling Tower Use</i> -Cole Newton, EIT, LEED <sup>c</sup> , Austin Water Utility	<i>A Century of Progress-What Does the Future Hold? Part 2: A Path For the Future</i> - Ellen McDonald, PhD, PE, Alan Plummer Associates
10:30 a.m. – 11:00 a.m.	<i>If We Build It, Will They Come? Challenges of Establishing a Regional Reclaimed Water Utility</i> -Frank Crumb, PE, City of Ft. Worth	<i>Reclaimed Water Production Facilities : From Rule to Reality</i> - Brad Castleberry, JD, PE, Lloyd Gosselink
11:00 a.m. – 11:30 a.m.	<i>Recycled Water Facilities As Hydro Power Generators: A New Dimension Or An Opportunity?</i> -Pablo Martinez, San Antonio Water System	<i>Siting and Design of the First Texas Chapter 321 Satellite Plant</i> - Samir Mathur, PE, BCEE
11:30 a.m. – 12:00 p.m.	<i>Reclaimed Water System Design Challenges</i> -Sarah Kresta, PE, LAN	<i>What Do the Revised Water Quality Standards Mean for Water Reuse in Texas?</i> - Ken Hall, PE, CH2MHill

12:00 p.m.-1:00 p.m.	Conference Lunch On-Site	
	A2: Water Quality Issues – <i>Technical Triumphs</i>	B2: Water Reuse - <i>Compliance Planning</i>
	Moderator: Mike Morrison, PE, BCEE, Freese & Nichols	Moderator: Frank Crumb, PE, City of Ft. Worth
1:00 p.m. – 1:30 p.m.	<i>Indirect Potable Water Reuse-A Treatment Technology Alternatives Overview</i> - Jennafer Covington, PE, CH2MHill	<i>Considerations for Improperly Identified Reclaimed Water – Code Issues or Simply Sustainable Conservation Solution?</i> - Don Vandertulip, PE, BCEE, CDM
1:30 p.m. – 2:00 p.m.	<i>Potable Reuse in the Permian Basin</i> - David Sloan, PE, BCEE, Freese & Nichols	<i>Designing and Siting Reclaimed Water Towers in Urban Areas</i> - Dan Pedersen, PE, Austin Water Utility
2:00 p.m. – 2:30 p.m.	<i>MBR-AOP-BAC Treatments for Aquifer Recharge</i> - Bob Marley, Daniel B. Stephens & Associates, Inc	<i>Considerations for Implementing a Satellite Membrane Bioreactor for Supply of Reuse Water</i> - Randy Boe, PE, CH2MHill
2:30 p.m. – 2:45 p.m.	In Room Refreshment Break	
	A2: Water Resources - <i>Quality Issues</i>	B2: Reclaimed Water Hydrologic - <i>Planning from Rain to Purple Pipes</i>
2:45 p.m. – 3:15 p.m.	<i>A Contextual Understanding of Trace Contaminants in Water Reuse: Treatment Technologies, Energy, and Exposure</i> - Ben Stafford, PhD, Hazen and Sawyer	<i>Precipitation Harvesting for Dual Source Reuse Systems</i> - Roger Schenk, CDM
3:15 p.m. – 3:45 p.m.	<i>Big Plans for a Big State: Indirect Potable Reuse in the Trinity River Basin</i> - Ellen McDonald, PhD, PE, Alan Plummer Associates	<i>Modeling from Within – SAWS Recycled Water Model Update and Calibration</i> - Quintin Pollock, EIT, San Antonio Water System
3:45 p.m. – 4:15 p.m.	Closing Session- Wade Miller, Executive Director, WateReuse Association Status Report - WateReuse Around the Globe	