



# **2011 Annual Conference & Membership Meeting**

**August 17-19, 2011 ♦ San Antonio, Texas**

Texas Two-Step: Taking the Lead in Membrane Technology & Water Reuse

\*Tentative Agenda\*

**Wednesday, August 17, 2011**

9am - 12:30pm: Exhibitor Set Up

9am - 5pm: Registration Open

1pm: Conference Begins

**Welcome Remarks**

*David Derr, SCMA President*

**RO Membrane Scaling: Chemistry, Causes and Prevention**

*David Russell, Professional Water Technologies*

**Membrane Cleaning & Troubleshooting: Why are some Cleanings Unsuccessful?**

*Tim Kirk, Avista Technologies, Inc.*

*Networking Break with Exhibitors*

*Sponsor Presentation*

**Overview of RO Technology**

*Steven Coker, Dow Water & Process Solutions*

**RO Membrane System Basics: A Discussion Regarding Membrane Life Span**

*Roy Daly, CSM*

**Ceramic and Polymeric Membrane Performance with MIEX, Direct Coagulation, and Settling Pretreatment**

*Mark Graves, HDR Engineering, Inc.*

**Untapped Resource: Brackish Water Desalination in South Bexar County, TX**

*Robert Macias, San Antonio Water System*

5pm: Day 1 Ends

5pm - 5:30pm: SCMA Committee Meetings

6pm - 8pm: **Welcome Reception**

<b>Thursday, August 18, 2011</b>
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8am - 9am: Breakfast

**9am: Conference Begins**

**Keynote Address: Challenges and Opportunities for Advancing Membrane Technology**

*Jorge Arroyo, Texas Water Development Board*

**Case Study: Improving and Maintaining Long-Term RO Membrane Performance through Effective Prefiltration**

*Michael Jaubert, Ahlstrom Filtration LLC*

*Networking Break with Exhibitors*

**Ingenuity with Brackish Water in North Texas: the First Municipal Water Supply use of Lake Whitney**

*Scott Hekman, Freese & Nichols*

**Ceramic Membranes for Drinking Water in Texas**

*Emily Gilbert, Veolia*

*Gold Sponsor Presentations*

*Lunch*

**TRACK A - For Operators**

*Travel & Training at local water facility*

**Ask the Operators Roundtable**

*Stuart Mitchell, Avista Technologies*

**TRACK B for City Managers/Engineers**

**Engineering Case Study of Horizon Regional MUD RO Project**

*John M. Jansing, Grey Jansing*

**Advanced Water Treatment and Reuse of Municipal WWTP Effluent  
in Queensland, Australia**

*Chuck Dyke, WorleyParsons*

*Networking Break with Exhibitors*

**Water Supply Economic Evaluations and Financing**

*Kaumudi Atapattu, Carollo*

*Travel & Tour at local water facility*

5pm: Day 2 Ends

<b>Friday, August 19, 2011</b>
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8am: Day 3 Begins

*Breakfast & Membership Meeting*

**Effects of Extended Operation and Air Leaks on RO Membranes  
During SAWS Brackish Groundwater Desalination Pilot Project**

*Justin Sutherland, Carollo Engineers*

**Water & Wastewater Regulation Panel with TCEQ Representatives**

*Networking Break with Exhibitors*

**Biofouling Control- RO Piloting Experience at the BRA SWATS  
Facility**

*Bill Marriot, CDM*

**Funded Brackish Groundwater Desalination Demonstration Projects**

*Saqib Shirazi, TWDB*

12pm: Conference Concludes