

# WATER DESALINATION AND REUSE STRATEGIES FOR NEW MEXICO

49<sup>th</sup> Annual New Mexico Water Conference

## PROGRAM

**Tuesday Morning, September 21, 2004**

- 7:30 a.m. Registration
- 8:30 Opening Remarks  
Karl Wood, Director, WRI  
Leon Eggleston, Mayor of Ruidoso  
Senator Pete Domenici (DVD)
- 8:45 New Mexico's Brackish Water Program as It Relates to the State Water Plan  
John D'Antonio, Office of the State Engineer
- 9:30 National Perspective on Saline Aquifers  
Kevin Dennehy, U.S. Geological Survey, Office of Ground Water
- 10:00 Break
- 10:30 Regional Issues and Hydrologic Characteristics  
John Shomaker, John Shomaker & Associates
- 11:00 Hydrology of Saline Ground Water in New Mexico  
Rick Huff, U.S. Geological Survey
- 11:30 Tularosa Basin National Desalination Research Facility  
Mike Hightower, Sandia National Laboratories and  
Bill Karsell, Bureau of Reclamation
- 12:00 **Luncheon**  
High school essay competition awards

**Tuesday Afternoon, September 21, 2004**

- 1:30 p.m. Albuquerque Water Reuse Initiatives  
John Stomp, City of Albuquerque
- 2:00 Strategies for Produced Water Handling in New Mexico  
Robert Lee, Petroleum Recovery Research Center, New Mexico Tech
- 2:30 Produced Water Treatment Program: A Cooperative Effort  
Rick Arnold, New Mexico State University  
Agricultural Science Center/Farmington
- 3:00 Break

3:30 Panel: Water Rights Issues of Produced Water  
moderated by Bill Hume, Office of the Governor  
Mark Fesmire, New Mexico Oil Conservation Division  
Matt Lavery, PNM  
Paul Saavedra, Office of the State Engineer  
Frank Yates, Jr., Yates Petroleum Corp.

4:30 Open Forum for Questions and Comments

6:00 Dinner Banquet  
Patio, Hawthorn Suites Golf and Convention Resort  
(located next to Ruidoso Convention Center)

### **Wednesday Morning, September 22, 2004**

8:00 a.m. Water Quality Issues  
Concentrate Management Regulations  
Karen Menetrey, New Mexico Environment Department  
The Science of Concentrate Management  
Anthony J. Tarquin, University of Texas El Paso  
Graywater Use in New Mexico  
Gary Beatty, New Mexico Environment Department

9:00 El Paso's Well-head Desalting Program  
John E. Balliew, El Paso Water Utilities

9:20 White Cliffs Mutual Domestic Water Users Association  
Reverse Osmosis Water Treatment System  
Eddie Livingston, Livingston Associates, P.C.

9:40 El Paso's Desalination Efforts  
Bill Hutchison, El Paso Water Utilities

10:00 Break

10:30 California Desalination Projects  
Jerry Johns, California Department of Water Resources

10:50 Yuma Desalting Plant  
Mike Norris, Bureau of Reclamation

11:10 National Desalination Efforts  
Frank Leitz, Bureau of Reclamation

11:30 Roadmap for National and International Desalination Research  
Tom Hinkebein, Sandia National Laboratories

12:00 Closing Remarks  
Karl Wood, WRRRI