

*43<sup>rd</sup> Annual New Mexico Water Conference  
Challenges on the Lower Rio Grande*

*Program*

Wednesday, October 21

Tour of Elephant Butte Irrigation District facilities, hosted by Gary Esslinger, Treasurer/Manager of EBID

Thursday Morning, October 22

Welcome      **Tom Bahr**, Director, WRI  
                  **Rubén Smith**, Mayor of Las Cruces

Keynote  
Address      **Commissioner Eluid Martinez**, U.S. Bureau of Reclamation

The Rio Grande Compact: Law of the River  
                  **Chuck DuMars**, UNM School of Law  
                  **Tom Turney**, New Mexico State Engineer  
                  **Jack Hammond**, Texas Rio Grande Compact Commissioner  
                  **Hal Simpson**, Colorado State Engineer

Regional Water Planning and Water Assessment Updates  
                  **Richard Cheney**, Chair, Interstate Stream Commission  
                  **Mary Helen Follingstad**, Interstate Stream Commission

The Evolution of the Rio Grande  
                  **Neal Ackerly**, Dos Rios Consultants, Inc.

New Mexico/Texas Water Commission  
                  Update on Commission Activities, **Ed Archuleta**, El Paso Water Utilities  
                  Alternative Water Delivery Scenarios, **Bill Webster**, Boyle Engineering  
                  Environmental Studies: **Tom Haislip**, CH2M HILL

Luncheon      **U.S. Congressman Joe Skeen**  
                  **Lieutenant Governor Walter Bradley**

Thursday Afternoon, October 22

*Introductions by Gail Stockton, U.S. Army Corps of Engineers*

Basin Guidelines and Hydrographic Survey of the Lower Rio Grande  
                  **Calvin Chavez**, Las Cruces District Supervisor, Office of the State Engineer  
                  **Max Chavez**, Office of the State Engineer

Groundwater Modeling in the Lower Rio Grande  
**Peter Balleau**, Balleau Groundwater, Inc.

USGS Seepage Investigations of the Lower Rio Grande in the Mesilla Valley  
**Ed Nickerson**, U.S. Geological Survey

*Introductions by Lynn Brandvold, NM Bureau of Mines and Mineral Resources*

Arsenic Removal from Groundwater Using Ferrate and Ferrous Ions  
**Robert Wingo**, New Mexico State University

Potential Effects of Fire on the Spatial and Temporal Distribution of Mercury in Sediments of  
an Arid-Lands Reservoir  
**Colleen Caldwell**, New Mexico State University

Aquifer Sensitivity Assessment for the Mesilla Valley  
**John Kennedy**, Water Resources Research Institute

Concentration of Viral Particles from Water by Ultrafiltration  
**Kevin Oshima**, New Mexico State University

An Assay for Toxic Chemicals Using Microorganisms  
**James Botsford**, New Mexico State University

Reception, New Mexico Farm and Ranch Heritage Museum

Friday Morning, October 23

*Introductions by Gary Esslinger*

National Water Resources Association Update  
**Wayne Cunningham**, President, National Water Resources Association

New Mexico First's Recommendations and State Engineer-ISC Legislative Agenda for 1999  
**John Shomaker**, John Shomaker & Associates, Inc.

Water Quality on the Lower Rio Grande  
**James Davis**, New Mexico Environment Department  
**Rodger Ferreira**, U.S. Geological Survey  
**Mark Jordan**, Texas Natural Resource Conservation Commission

Conversion of Water from Agricultural to Municipal Use: How to do it  
(Moderated by **John Utton**, Sheehan, Sheehan & Stelzner)  
**Ed Archuleta**, General Manager, El Paso Water Utilities  
**Gary Arnold**, President, EBID Board of Directors  
**Len Stokes**, Consultant, City of Las Cruces

Closing Remarks  
**Tom Bahr**, Director, WRI