

Integrated Water Resources Management: Northwestern New Mexico as a Case Study

Proceedings of the 41st Annual New Mexico Water Conference

**September 19-20, 1996
Farmington, New Mexico**

New Mexico Water Resources Research Institute

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PROCEEDINGS

41st Annual New Mexico Water Conference

 **INTEGRATED WATER**

 **RESOURCES**

 **MANAGEMENT:**

Northwestern

New Mexico as a

Case Study

September 19–20, 1996
San Juan College
Farmington, New Mexico

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41ST ANNUAL NEW MEXICO WATER CONFERENCE

INTEGRATED WATER RESOURCES MANAGEMENT: NORTHWESTERN NEW MEXICO AS A CASE STUDY

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Farmington, New Mexico

PROGRAM

Thursday morning, September 19

- 8:15 a.m. Opening Remarks
Tom Bahr, New Mexico Water Resources Research Institute
Welcome to Farmington
Mayor Thomas C. Taylor, City of Farmington
Welcoming Remarks from the Navajo President
President Albert Hale, Navajo Nation
- 8:45 a.m. Dividing the Waters of the Colorado: A Century of Achievement
Albert E. Utton, University of New Mexico School of Law
- 9:15 a.m. Overview of Important Upper Colorado River Basin Issues
Philip B. Mutz, New Mexico Interstate Stream Commission
- 9:45 a.m. Break
Moderator: J. Phelps White, Interstate Stream Commission
- 10:00 a.m. Introduction to the Geology and Hydrogeology of Northwestern New Mexico
Steven C. Semken, Navajo Community College

Water Resources Issues of the Four Corners Region

- 10:30 a.m. The New Mexico Perspective
Thomas C. Turney, New Mexico State Engineer Office
- 11:00 a.m. The Colorado Perspective
Bruce T. Whitehead, Colorado Division of Water Resources
- 11:30 a.m. The Navajo Perspective
Stanley M. Pollack, Navajo Nation Department of Justice

Luncheon and Keynote Address

Current Bureau of Reclamation Policies Affecting the Colorado River Region
Charles A. Calhoun, U.S. Bureau of Reclamation

Thursday afternoon, September 19

Current Issues Impacting the Colorado River Region

Endangered Species

Moderator: Liz N. Taylor, Sheehan, Sheehan and Stelzner, P.A.

- 1:30 p.m. Overview of Endangered Species Recovery Efforts in the Upper Colorado River Basin
John Hamill, U.S. Fish and Wildlife Service
- 2:00 p.m. Panel: Perspectives on ESA Recovery Efforts
Jim Brooks, U.S. Fish and Wildlife Service
Tom Pitts, Hall, Pitts and Associates
Cindy Murray, Public Service Company of New Mexico
Philip B. Mutz, New Mexico Interstate Stream Commission
Dick Gerding, Tansey, Rosebrough, Gerding & Strother
- 3:25 p.m. Break

Water and Extractive Industries

Moderator: Lynn Brandvold, NM Bureau of Mines & Mineral Resources

- 3:40 p.m. Environmental Concerns and Regulation of the Oil and Gas Industry
William C. Olson, New Mexico Department of Energy, Minerals and Natural Resources
- 4:00 p.m. Coal Industry Outlook: Current and Future Water Needs
Charles E. Roybal, BHP Minerals
- 4:20 p.m. Oil, Natural Gas, and Groundwater in the San Juan Basin—A Summary
Ronald F. Broadhead, New Mexico Bureau of Mines and Mineral Resources
- 4:40 p.m. Groundwater Issues Related to Coal-Bed Methane Production, Northern San Juan Basin
Steven T. Finch, Jr., John Shomaker & Associates, Inc.

Friday morning, September 20

Water Supply and Regional Water Planning

Moderator: Tom W. Davis, Carlsbad Irrigation District

- 8:30 a.m. Regional Water Planning: Institutional Arrangements and Politics in Northwestern New Mexico
Richard Cheney, New Mexico Interstate Stream Commission
- 9:00 a.m. Regional Water Planning Cooperation in Times of No Water
Mike A. Hamman and Sherry J. Tippet, City of Santa Fe
- 10:00 a.m. Break
- 10:15 a.m. Views on the Animas-La Plata Project (*moderated by Chuck DuMars, UNM Law School*)
Pat Schumacher, U.S. Bureau of Reclamation
Sarah Dormon, Sierra Club Legal Defense Fund, Inc.
Randy Kirkpatrick, San Juan Water Commission
Liz N. Taylor, Sheehan, Sheehan and Stelzner, P.A.
Scott McElroy, Greene, Meyer and McElroy, P.C.