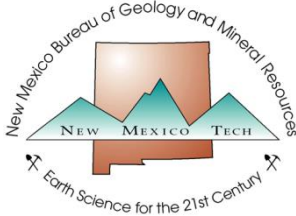


NEW MEXICO GROUNDWATER CONFERENCE

An annual American Ground Water Trust program

With assistance from the New Mexico Bureau of Geology and Mineral Resources

July 22-23, 2019 – at the State Bar of NM, 5121 Masthead NE, Albuquerque, NM 87199



Registration is open (on-line www.agwt.org/events)

Sponsorship and exhibiting opportunities available!
Call (800) 423-7748 or visit www.agwt.org/events for more information.



WHEN THE REAL WORK BEGINS: TAKING WATER PLANNING FROM DESIGN TO IMPLEMENTATION

Groundwater resources play an important role in New Mexico's drinking water supply in urban and rural areas. Additional water needs for mining, oil & gas, industry, agriculture, and for sustaining ecology add demand stress to an already limited supply. There are likely to be future constraints on stream flow dependability and aquifer recharge rates. Realistic water planning to achieve optimal use of the state's aquifers is essential if New Mexico is to achieve a long term sustainable supply/demand balance. The Annual New Mexico Groundwater Conference (Albuquerque, July 22-23) will explore the next frontiers in water planning and implementation with an emphasis on:

- Factoring in water availability to planning predictions for population growth and economic development
- Using sound science for quantifying the resource potential and assessing future hydrologic conditions
- Examining the feasibility of developing water supply engineering solutions and conjunctive use strategies
- Assessing possible legislative changes to regulatory authority and water management jurisdiction
- Reviewing how water rights and groundwater ownership may constrain planning options

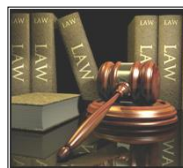
Continuing Education

The AGWT will issue Certificates of Attendance:

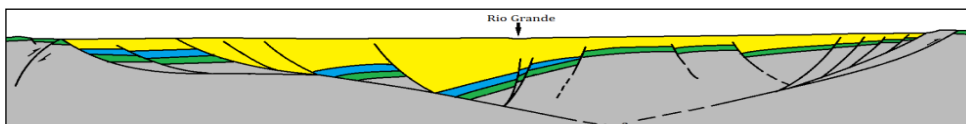
Approved by State Bar of NM for Attorneys – 2.20 CLE Credits

Approved by Office of State Engineer for Water Well Drillers – 6 CE Hours

Approved by NM Environment Department for Water Operators – 4.5 Training Credits



“Great value – very impressive selection of presenters”
“A very beneficial immersion in NM's groundwater issues”
“One-stop-shop for expert opinion and update on the State's water management challenges”



Thank you to the event sponsors:



DBS & A
Daniel B. Stephens & Associates, Inc.



Day One – Monday, July 22

7:30– 8:30 REGISTRATION (Coffee, pastries and network with exhibitors)

8:30 – 8:40

INTRODUCTION

Andrew Stone, Executive Director, American Ground Water Trust, Concord, NH

8:40 – 9:15

NEW MEXICO WATER PLANNING - ITS EVOLUTION

Amy Lewis, Hydrogeologist, HydroAnalytics LLC, Santa Fe, NM

9:15 – 9:50

IMPLEMENTATION OF NM STATE WATER PLAN

Lucia Sanchez, Water Planning Program Manager, NM Interstate Stream Commission, Santa Fe, NM

9:50 – 10:25

RIO GRANDE COMPACT OPERATIONS

Page Pegram, Rio Grande Bureau Manager, NM Interstate Stream Commission, Albuquerque, NM

10:25– 10:40 BREAK

10:40– 11:15

CLIMATE-CHANGE AND WATER PLANNING

Dagmar Llewellyn, Hydrologist, US Bureau of Reclamation, Albuquerque, NM

11:15 – 11:50

HYDROGEOLOGIC WORK IN SUPPORT OF NM WATER PLANNING

Stacy Timmons, PG, Hydrogeologist, NM Bureau of Geology, Socorro, NM

11:50 – 12:25

WATER PLANNING IMPLEMENTATION EXPERIENCES

Norman Gaume, Water Manager (Retired), Albuquerque, NM

12:25 – 1:25 LUNCH

1:25 – 3:20

GROUNDWATER USE AND QUALITY ISSUES IN THE PERMIAN BASIN – A WATER PLANNERS NIGHTMARE

Moderator - Neil Blandford, Principal Hydrologist, Daniel B. Stephens & Associates, Inc., Albuquerque, NM

CASE STUDY - NEXUS BETWEEN SALTWATER DISPOSAL AND GROUNDWATER SUPPLY

Neil Blandford, PG, Principal Hydrologist, Daniel B. Stephens & Associates, Inc., Albuquerque, NM

ALLOCATIONS AND APPROPRIATIONS FOR WATER FROM THE SANTA ROSA AQUIFER, EASTERN NEW MEXICO

Roger Peery, CPG, PG, CEO or Steven T. Finch, Jr., CPG V.P., Principal Hydrogeologist-Geochemist, John Shomaker and Associates, Albuquerque, NM

LEGAL & PERMITTING ISSUES RELATED TO DISPOSAL INJECTION OF OILFIELD PRODUCED WATER

Dalva L. Moellenberg, JD, Shareholder, Gallagher & Kennedy, Santa Fe, NM

3:20 – 3:35 BREAK

3:35 – 4:10

PRODUCED WATER RE-USE IN NEW MEXICO

Jeri Sullivan Graham, PhD, PG, Research Professor, UNM, Los Alamos, NM

4:10 – 4:45

THE FUTURE OF NEW MEXICO'S DEEP WATER

John D'Antonio, PE, New Mexico State Engineer, NM Office of the State Engineer, Santa Fe, NM

4:45 – 5:00

GENERAL Q & A FOR DAY ONE

5:00 – 6:30 RECEPTION Sponsor - INTERA, Incorporated



Day Two – Tuesday, July 23

7:30 – 8:30 REGISTRATION (Coffee, pastries and network with exhibitors)

8:30 – 8:45

SUMMARY OF DAY ONE PRESENTATIONS

David Jordan, PE, Water Resources Line of Business Lead, INTERA Incorporated, Albuquerque, NM

8:45 – 9:20

REVIEW OF WATER RELATED LEGISLATION 2019

Melanie Stansbury, Representative, NM House District 28, Albuquerque, NM

9:20 – 9:55

IMPLEMENTATION OF THE WATER 2120 PLAN

Rick Shean, Water Rights Manager, Albuquerque Bernalillo County Water Utility Authority, Albuquerque, NM

9:55 – 10:30

STATEWIDE WATER-BUDGET ANALYSIS TOOL

Austin Hanson, Hydrogeologist, INTERA Incorporated, Albuquerque, NM

10:30 – 10:50 BREAK

10:50 – 11:25

LOWER RIO GRANDE - TRANSBOUNDARY WATER UPDATE

Stephanie Russo Baca, JD, Staff Attorney, Utton Transboundary Resources Center, Albuquerque, NM

11:25 – 12:00

AGRICULTURAL GROUNDWATER MANAGEMENT

Erek Fuchs, PhD, Groundwater Resources Director, Elephant Butte Irrigation District, Las Cruces, NM

12:00 – 1:00 LUNCH

(Refreshments available all afternoon)

1:00 – 1:35

COLORADO WATER PLAN – OPPORTUNITIES AND CONSTRAINTS

Shaden Musleh, PE, Water Resources Engineer, INTERA, Boulder, CO

1:35 – 2:20

PLANNING IN THE MIDDLE RIO GRANDE BASIN: SURFACE WATER/GROUNDWATER CHALLENGES

Mike Hamman, PE, Chief Engineer, CEO, Middle Rio Grande Conservancy District, Albuquerque, NM

2:20 – 2:55

NAVAJO GALLUP PIPELINE - PLANNING AND IMPLEMENTATION

John Leeper, PhD, PE, Senior Project Manager, Wood Group, Socorro, NM

2:55 – 3:30

BUREAU OF RECLAMATION ALAMOGORDO FACILITY ACTIVITIES, BORDER ACTIVITIES

Mike Hightower, PE, Research Professor, Center for Water and the Environment, UNM, Albuquerque, NM

3:30 – 4:05

Closing speaker - WATER PLANNING CHALLENGES – WHAT HAVE WE LEARNED AT THIS CONFERENCE?

John Fleck, Director of Water Resources, Dept. of Economics, UNM, Albuquerque, NM

4:05 – 4:15

WRAP-UP AND FINAL Q & A

Andrew Stone, Executive Director, American Ground Water Trust, Concord, NH

ADJOURN 4:15

“110 million Americans have some PFAS in their drinking water”

(Estimate from EWG—Environmental Work Group)

Please note that there is a separate workshop program on PFAS contamination issues on July 24 (same venue).
Conference attendees can register for the PFAS Workshop at a discounted rate of \$125 instead of \$200.
Registration forms for the PFAS workshop are available at the registration desk.

