



EDUCATION, AWARENESS, & TECHNOLOGY

TEXAS GROUNDWATER CONFERENCE

June 17 & 18, 2025

Fibermax Center for Discovery

1121 Canyon Lake Dr.

Lubbock, TX 79403

PROGRAM

Groundwater Champions



Welcome to the 2025 Texas Groundwater Conference!

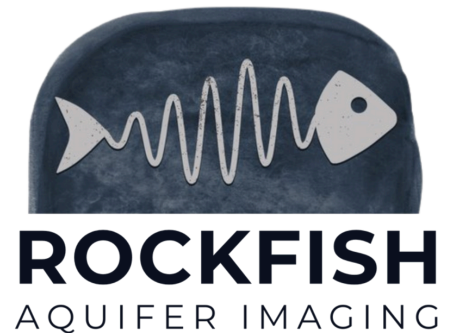
The objective of American Ground Water Trust conferences is to showcase topical and/or controversial groundwater issues and to facilitate information sharing among landowners, groundwater end-users, regulators, management agencies, scientists, engineers, lawyers, and citizens who have economic or environmental interests in water resources.

Continuing Education

Certificates of attendance are available for all attendees upon completion of CE Form

Conference Sponsors

Parkhill



Tuesday, June 17

7:30-8:10 am **Registration & Refreshments**

8:10-8:30 am **Texas Water - 2025 and Beyond**

Scott Honeyfield, PE, AGWT Executive Board Member/Partner Emeritus, Parkhill, Amarillo, TX

8:30-9:00 am **Well, Well! Water We Up To? TWDB Updates**

Robert Bradley, PG, Groundwater Technical Assistance Manager, Water Science & Conservation Office, Texas Water Development Board, Austin, TX

9:00-10:15 am **Metamorphosis of Public, Wholesale, Regional and Raw Water Providers, Beginning with Inception Through Today, Tomorrow and Beyond**

Moderator: Kyle Krueger, PE, Civil Engineer/Associate, Parkhill, Lubbock, TX

Regional planning by public, whole sale water providers has been very challenging with frequent drought occurrences and, in some cases loss of surface water resources. This has led to the development of groundwater resources to augment water supply. In some cases this has involved the purchase of extensive water rights, capturing treated wastewater, treating less desirable water resources. Vigilance is omnipresent when considering water resources to supply the increasing demands. This panel of wholesale water providers will discuss their histories with providing water, what they are currently planning, and some of their long-term planning efforts.

Panelists:

- Drew Satterwhite, PE, General Manager, Canadian River Municipal Water Authority, Sanford, TX
- Colorado River Municipal District - Invited
- Speaker Invited

10:15-10:45 am **Break and Exhibitor Introductions**

10:45-11:45 am **Advancements in Conservative Irrigation, Crop Rotations, and Tillage Practices on the Texas High and Southern Plains**

Moderator: Samantha Borgstedt, Project Director, Texas Alliance for Water Conservation, Lubbock, TX

Panelists:

- Barry Evans, Owner, Barry Evans Farm, Kress, TX
- Lloyd Arthur, Owner, Arthur Farms, Ralls, TX
- Jeff Pate, Producer Relations and Records, Texas A&M AgriLife Extension, Lubbock, TX

11:45-12:15 pm **Produced Water as a Resource**

Adrienne Lopez, Technical Reserach & Development Manager, Texas Pacific Water Resources, Midland, TX

12:15-1:15 pm **Lunch Sponsored by Parkhill**

1:15-2:15 pm **Water, Water, and Water, a Conversation About Texas' Three Biggest Conservation Issues, With Three Texas Legislators**

Moderator: Brantley Jones, Attorneys, Sprouse Shrader Smith PLLC, Amarillo, TX

Panelists:

- Senator Charles Perry, Texas State Senate District 28, Lubbock, TX
- Representative Brooks Landgraf, House of Representative, District 81, Odessa, TX
- Speaker Invited

2:15-2:45 pm **A “One Water” Approach: Sustainable Water Management for the Future**
Greg Baier, PE, Interim Water Utilities Director, City of Lubbock, Lubbock, TX and Paula Jo Lemonds, PE, PG, Water Resources Project Manager, Associate Vice President, HDR, Austin, TX

2:45-3:15 pm **Break**

3:15-4:15 pm **Diversification of Water Resources, For Larger West Texas Cities and the Challenges of Meeting Demands of Increasing Populations and Sustaining Safe, Potable Water**
Moderator: Zane Edwards, PE, Director of Water Resources/Principal, Parkhill, Lubbock, TX

Water resource challenges for larger cities in West Texas and the panhandle are as diverse as the state is large. This panel discussion will seek to identify those challenges and some of the short-term and long-term planning efforts to meet their needs.

Panelists:

- Tommy Gonzalez, City Manager, City of Midland
- Floyd Hartman, Assistant City Manager, City of Amarillo
- City of Lubbock Invited

4:15-5:00 pm **Professional Ethics 2025 - Elements, Rules, and Examples**
Mark Varhaug, PG, CPG, Member, Texas Board of Professional Geoscientists and President, Beacon Hill Energy, Dallas, TX

4:00-6:00 pm **Reception**

Wednesday, June 18

7:30-8:15 am **Registration and Refreshments Sponsored by Rockfish Aquifer Imaging**

8:15-8:30 am **Welcome - Day 2**
Kevin McGinnis, President, Cotey Chemical Corp., Lubbock, TX

8:30-9:00 am **High Plains Water District Dockum Aquifer Study**
Jason Coleman, PE, General Manager, High Plains GCD, Lubbock, TX

9:00-10:00 am **Unique and Diverse Issues Challenging Resourceful, Small, West Texas Cities in an Effort to Provide Safe, Potable Water for Their Respective Populations and End Users**
Moderator: Leonard Nail, PE, Civil Engineer/Senior Associate, Parkhill, Lubbock, TX

Small cities have a unique set of challenges when it comes to one overarching issue, water. Many west Texas and Panhandle small cities were chartered simply as a resource for a population necessary to meet the needs of local industry; agricultural. Additionally, most all of these cities rely upon groundwater as their sole source of potable water. Here, enlies the irony, the very groundwater they need to support a population, in many cases, is mostly allocated to the very industry they support. This condition requires significant and, unique challenges. This panel will discuss a number of these challenges and what must be done to meet their water resource needs.

Panelists:

- Eric Turpin, Mayor, Ray Resendez, City Manager and Terry Denton, Director of Public Works, City of Littlefield
- Troy White, Alderman, Royking Potter, Mayor and Russel Moses, City Manager, City of Shallowater

10:00-10:30 am **Break**

10:30-11:30 am **Councils of Governments at the Forefront: Regional Water Planning Across Texas**

Moderator: Alex Guerrero, Director of Local Government Services for the Panhandle Regional Planning Commission, Amarillo, TX

This panel discussion will bring together water-focused COG leaders to explore how regional collaboration, technical coordination, and boots-on-the-ground facilitation are helping communities plan for long-term water security. Panelists will share their experiences navigating evolving water needs, funding access, drought planning, data gaps, and changing workforce demands in their respective regions. They will also highlight successful strategies for engaging small, resource-limited communities in the long-range planning process.

Panelists:

- Chelsey Baldivia, Director of Regional Services & Economic Development, South Plains Association of Governments, Lubbock, TX
- Annette Gutierrez, Executive Director, Rio Grande Council of Governments, El Paso, TX
- Jason Coleman, P.E., General Manager, High Plains GCD, Lubbock, TX

11:30-12:00 pm **Cost Effective Groundwater Treatment for Agriculture**

Quantum Wei, PhD, CEO/Founder, Harmony Desalting Corp., Boston, MA

12:00-1:00 pm **Lunch Sponsored by Parkhill**

Moderator TBD

1:00-1:30 pm **High-Value Groundwater-Level Monitoring Using Submersible Pump Wells – Enhancing Operational and Management Insight**

Charles Dunning, PhD, VP Hydrology, WellIntel Inc., Milwaukee, WI

1:30-2:00 pm **AEM Technology: Collaboration is 'Key' to a Sustainable Future**

Colby Lubanowski: Regional Sales Manager – US Groundwater, Denver, CO

2:00-2:30 pm **Analysis of Historical and Future Water Balances in the Transboundary Rio Grande, including Water Deliveries From New Mexico to Texas and Mexico**

Kevin Perez, Hydrologist, Neptune and Company, Inc., Denver, CO

2:30-3:00 pm **Using Theis to Estimate Wellfield Production with Aquifer Drawdown**

Kacey Wade, EIT, GIT, Staff Hydrogeologist - Texas Operations and Jordan Furnans, PhD, PE, PG, Regional Director - US South-Central Operations, LRE Water (A Spheros Environmental Company), Round Rock, TX

3:00-3:30 pm **Geophysics for Subsidence and Sinkholes in Texas**

John Jansen, PG, PGp, PhD, Senior Geophysicist & Hydrogeologist, Collier Geophysics, Lakewood, CO

Conference Exhibitors

Cotey Chemical Corporation
Daniel B. Stephens & Associates, Inc. a Geologic Company
HDR
Hydro Resources
Johnson Screens
Nivelco
Panhandle Regional Planning Commission
Parkhill
Rockfish Aquifer Imaging
Roscoe Moss Company
Russell Drilling Co., Inc.
WellIntel, Inc.

Registration Information

Texas Groundwater Conference - Lubbock, TX
June 17 & 18, 2025

Register online at agwt.org/events to attend/sponsor or exhibit

Registration Overview

General Registration

2 Day Registration	\$475.00
2 Day Full-Time Student	\$100.00
1 Day Registration (Day 1 or Day 2)	\$270.00
1 Day Full-Time Student (Day 1 or Day 2)	\$ 50.00

Speaker Registration

Speaker (Day 1 or Day 2)	\$ 0.00
Attend - Not Speak (Day 1 or Day 2)	\$100.00
Student Speaker (2 Day Registration)	\$ 0.00

Moderator Registration

2 Day Registration	\$425.00
1 Day Registration (Day 1 or Day 2)	\$220.00

Download of Presentations in PDF - attendees	\$ 30.00
Download of Presentations in PDF - non-attendees	\$100.00

Checks should be made payable to AGWT

Mail to: American Ground Water Trust

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For questions please call: (603) 228-5444