

# the fountainhead

Texas  
Ground  
Water  
Association



## TWDB completes groundwater availability models

By Dr. Robert E. Mace  
and Cindy Ridgeway  
Texas Water Development Board

In 2001, the 77th Texas Legislature gave the Texas Water Development Board a challenging task: develop or obtain groundwater availability models (GAMs) for all of the major aquifers of Texas by Oct. 1, 2004.

Thanks to the dedication and hard work of TWDB staff, a number of contractors, and numerous stakeholders, we are happy to declare: Mission accomplished!

The Texas Legislature funded the GAM program to develop numerical groundwater flow models to help groundwater conservation districts, regional water planning groups, and others assess current groundwater availability and the effect of pumping and drought on the state's groundwater resources.

Unlike previous modeling efforts, new models developed under the GAM program had substantial stakeholder involvement. In some cases, the GAM represented the first modeling work for the area. All of the models, reports, and support data are available at

[www.twdb.state.tx.us/gam](http://www.twdb.state.tx.us/gam) or by

*Please see GAMs, Page 4*



*From  
the holidays  
to the  
Holly Days*

## Association tunes in to Lubbock Jan. 25-28

Lubbock rocks.

And TGWA will get a chance to prove it when it rolls into the Hub City Jan. 25-28 for its 58th Annual Convention and Trade Show.

There's the great fellowship at the Meet-and-Greet in the Exhibit Hall of the Memorial Civic Center on Wednesday, Jan. 26. And that fun carries over to the fabled Scholarship Education Fund and Super Chapter Auction. You'll find great bargains and good times galore, with the opportunity to help youngsters advance their education.

When it comes to continuing education, don't touch that dial:

*Please see Lubbock, Page 4*



# the fountainhead

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**TEXAS GROUND WATER ASSOCIATION**

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*Letter from the C&D President*

## Legislature Watch

By Mike Pyburn



**PYBURN**

Greetings! I hope each of you is well on the way to a prosperous and successful New Year. We are truly blessed to live in America, and particularly to live in the State of Texas.

A lot has transpired over the past three months. The TGWA legislative committee met in

October with Leroy Goodson and Dean Robbins, the assistant general manager for the Texas Water Conservation Association. There was considerable debate about how to most effectively address upcoming legislative issues that will affect the groundwater industry. After lengthy discussion, the committee decided to make several recommendations to the TGWA Board:

1. The formation of a political action committee (PAC) is not a viable option at this time.

Due to liability issues for the directors, the legislative committee decided that this was not a risk the Association should presently take. In addition, several PACs and the legislators who received funds from them are currently under investigation by the Travis County District Attorney. This has made some in Austin reluctant to get involved with any PAC money.

2. The Executive Secretary and his staff will continue to create an industry "fact sheet". This will be given to legislators in order to inform them of the economic/job impact that the groundwater industry has on our state, and on their district in particular. I hope each of you, whether you are a contractor, pump installer, supplier, or scientist, will take time to fill out the survey that was sent out to all Association members. This information is critical to compiling a true picture of our industry. If you have not received the survey, please contact Leroy Goodson and he will send you one. All information

*Please see President, Page 10*



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## LUBBOCK / *From Page 1*

TGWA programmers are playing the hits with session after session of required C.E. credit classes, including the required TDLR Water Well Driller/Pump Installer and Rules Course (Thursday from 4 to 5 p.m.)

Lee Parham of the Texas Department of Licensing and Regulation, is scheduled to teach that course, and Joe Strouse of the TCEQ will discuss regulatory requirements of that state agency.

Even the much-anticipated collection of exhibitors and vendors in the Exhibit Hall offers so much information that you can earn continuing education credit just by visiting 75 percent of the booths.

For a full listing of the program as it shaped up, check the Association website, [www.tgwa.org](http://www.tgwa.org). or for more information, call 512-472-7437.

## GAMs / *From Page 1*

request from the TWDB.

The nine major aquifers required seventeen different models to provide full coverage. TWDB staff developed five of the models: (1) the Hill Country segment of the Trinity aquifer; (2) the northern and (3) San Antonio segments of the Edwards aquifer; (4) the southern part of the Gulf Coast aquifer; and (5) the Edwards-Trinity (Plateau) and Cenozoic Pecos Alluvium aquifers.

TWDB contractors developed eight of the models: (6) the northern and (7) southern part of the Ogallala aquifer; the (8) northern, (9) central, and (10) southern parts of the Carrizo-Wilcox aquifer; (11) the Seymour aquifer; (12) the northern segment of the Trinity aquifer; and (13) the Barton Springs segment of the Edwards aquifer.

TWDB staff and a contractor developed a model of (14) the central Gulf Coast aquifer. The TWDB and Harris-Galveston Coastal Subsidence District funded a project for the U.S.

*Please see GAMs, Page 11*

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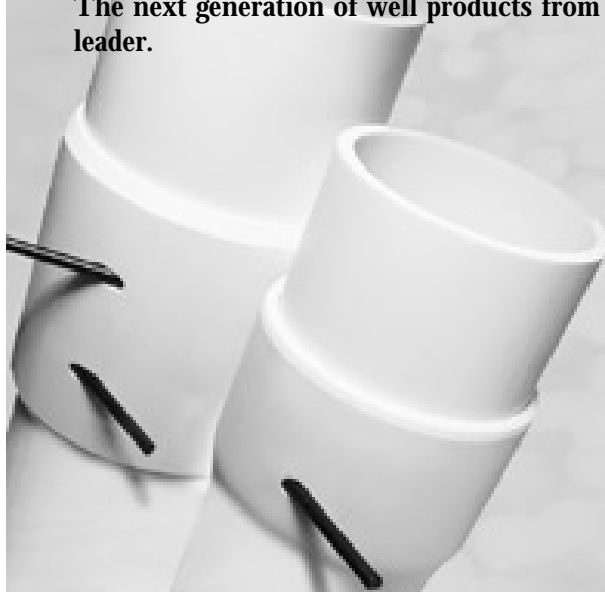
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**"Speed of installation is a critical factor for us – minimizing time spent on location allows us to drill more wells."**

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Thompson Water Wells, Santa Fe, NM

**"Certa-Lok gives us a competitive advantage because of its speed of installation. We've saved time and expense on every job where we've used this product."**

Bill Stoner  
Stoner Drilling Inc., Corsicana, TX

**"There have been several jobs where we've had to pull casing and re-set, which would have been very costly and time-consuming with glue-type joints. Have been using Certa-Lok for nine years – it's a proven product."**

Mark Gorsuch  
Beinhower Brothers Drilling Company, Johnstown, OH

**"Ran 8" Certa-Lok casing to 410' with stainless steel screens in less than 1/2 hour."**

Hewitt Fredebaugh  
Fredebaugh Well Drilling, Grand River, OH

**"Certa-Lok casing is quick and easy to assemble – no handling of solvents or glues, and we do not have to wait for glues to set-up before we can continue to set casing."**

Todd Campbell  
Henry Boysen Company, Hainesville, IL

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# TGWA Continuing Education Only Registration

Hilton Hotel and Towers and Lubbock Memorial Civic Center • Jan. 25-28, 2005

Please complete and submit all 3 pages of this registration form for each participant.

NAME \_\_\_\_\_ TDLR LICENSE # \_\_\_\_\_

(Name as you wish it to appear on your name badge) \_\_\_\_\_

COMPANY \_\_\_\_\_

ADDRESS \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

TELEPHONE (\_\_\_\_\_) \_\_\_\_\_ FAX(\_\_\_\_\_) \_\_\_\_\_

E-MAIL ADDRESS: \_\_\_\_\_

**IMPORTANT:** Please review the course descriptions on the CE Course list, making sure you are registering for what you want. Place an "x" beside the class you want to attend and return to us. This will allow us to have adequate copies of material available.

Effective December 1, 2003, the State requirements for a licensed driller or pump installer is as follows: "A licensed driller or pump installer is required to show proof of **four (4) hours of continuing education per year with one (1) hour dedicated to the Water Well Driller/Pump Installer Statutes and Rules**. Only courses approved by the Department can be used to satisfy this requirement." Also, Apprentice registration renewals and applications for apprenticeships must have an attached Certificate of Completion of the Water Well Driller/Pump Installer Statutes and Rules Course. You may take as many or as few courses as you wish, but we strongly urge you to **PREREGISTER**, as space will be limited and the availability of printed materials will be a factor as well.

**PLEASE NOTE: DEADLINE FOR REGISTRATION IS JANUARY 14, 2004.  
ALL REGISTRATIONS RECEIVED AFTER THIS DATE OR MADE AT THE DOOR WILL INCLUDE AN ADDITIONAL FEE OF \$50.00.**

	<u>Members</u>	<u>Non-Members</u>
	\$ 15.00 (Per Hour)	\$ 25.00 (Per Hour)
* <u>After 1/14/2005 LATE FEE</u>	*+ <u>50.00</u>	*+ <u>50.00</u>
Example: (4 hrs @ \$15/hr = 60.00)	\$ _____	\$ _____

Please check one \_\_\_\_\_ check enclosed; \_\_\_\_\_ please charge to my credit card  
Total \$ \_\_\_\_\_

Credit Card Information, please check one: \_\_\_\_\_ Visa, \_\_\_\_\_ MasterCard, or \_\_\_\_\_ Discover  
(Sorry, no American Express).

Name as it appears on your card \_\_\_\_\_

Credit Card Number \_\_\_\_\_

Three Digit V-Code on Back of Card \_\_\_\_\_

Billing Zip Code for credit card \_\_\_\_\_ Expiration Date \_\_\_\_\_

Please return this registration form and your check/credit card information to: Texas Ground Water Association,  
221 E. 9th Street, Suite 206, Austin, Texas 78701-2510, T: 512-472-7437 F: 512-472-0537

NAME: \_\_\_\_\_

TDLR License/Apprentice Number \_\_\_\_\_

Please put a check mark or X in box for courses you wish to attend for C.E. credit. Return this form with your registration form.

**January 26, 2005 (Wednesday)**

1:00 p.m.-3:00 p.m. (2 hours Credit)

Kevin McGinnis, Cotey Chemical Corporation Lubbock, TX

**"Water Well Rehabilitation Procedures & specialties of Chemical Remediation"** WDPI Course #001 (AD). This course will cover topics such as benefits of well development, causes of well output reduction, analysis of well conditions, diagnosing problems in the field, selection of well cleaning chemicals, chlorine products, phosphate, pre-chemical well cleaning, and longevity of successful treatment factors. This course of instructions pertains to both water well drillers and pump installers.

1:00 p.m.-2:00 p.m. (1 hour credit)

John Seifert, L&B-Guyton Associates, Houston, Texas

**"Well Gravel Pack & Screen Design"** WDPI CE Course #001 (CC). This will cover the objectives of gravel pack and screen, data for gravel pack selection, methods to select gravel pack, well screen slot opening selection and types of well screens. This course of instructions pertains to water well drillers and pump installers.

2:00 p.m.-3:00 p.m. (1 hour credit)

George Dugan, CEYCO Drilling Products Group, Humble, Texas

**"Grouting & Sealing"** WDPI Course #064. An in dept look of proper use of a grout and sealant for well plugging, abandonment of water wells and use of geothermal, grout and sealing of water well which will include a hands on demo. This course of instructions pertains to water well drillers and pump installers.

3:00 p.m.-6:00 p.m. **"Meet & Greet"** (May receive **ONLY 1 – hour credit for attending Trade Show**) This provides the licensee the opportunity to view and discuss the latest technology, equipment, materials, supplies and services, etc. available to the industry. This pertains to both water well drillers and pump installers.  
Signatures from 75% of Exhibitors (**CARD PROVIDED**)

**January 27, 2005 (Thursday)**

9:00 a.m.-11:30 a.m. (May receive **ONLY 1 – hour credit for attending Trade Show**) This provides the licensee the opportunity to view and discuss the latest technology, equipment, materials, supplies and services, etc. available to the industry. This pertains to both water well drillers and pump installers.  
Signatures from 75% of Exhibitors (**CARD PROVIDED**)

11:00 a.m.-12:00 noon. (1 hour credit)

Joe Strouse, Texas Commission on Environmental Quality (TCEQ) – Austin, Texas

**"Public Water Supply Well Specifications & Permitting Requirements for Water Well Drillers in Texas"** WDPI CE Course #001 (H). Emphasis will be placed on the following: (a) drilling methods, materials, pumps and other related equipment; (b) permits, laws and regulations; and (c) tests and inspections. This course of instruction pertains to both water well drillers and pump installers.

11:00 a.m. – 12:00 noon (1 hour credit)

Joel Walton, Granfos Pump Corporation, Prairieville, LA

**"Alternative Energy (Solar) Pumping"** WDPI Course #008. This course of instruction pertains to both water well drillers and pump installers.

2:00 p.m.-4:00 p.m. (May receive **ONLY 1 – hour credit for attending Trade Show**) This provides the licensee the opportunity to view and discuss the latest technology, equipment, materials, supplies and services, etc. available to the industry. This pertains to both water well drillers and pump installers.  
Signatures from 75% of Exhibitors (**CARD PROVIDED**)

4:00 p.m. – 5:00 p.m. (1 hour credit)

\*\*\* Lee Parham, Texas Department of Licensing and Regulation (TDLR) – Austin, Texas

**"Water Well Driller/Pump Installer Statutes and Rules Course"** WDPI CE Course # 001 (J). Presentation will include a regulatory update and discussion of water wells, injection wells and monitor wells. This course of instruction pertains to both water well drillers and pump installers

**January 27, 2005 (Thursday) cont.**

**5:00 p.m. – 6:00 p.m. (1 hour credit)**

Travis Russell, Russell Drilling Company, Inc., Nacogdoches, Texas  
**"Down-Hole Fishing Tools and Their Use"**, WDPI CE Course #001 (X). This course will focus on "open hole" tools, "wireline" tools, "cased hole" tools and other consideration. This course of instructions pertains to both water well drillers and pump installers.

**4:00 p.m. – 6:00 p.m. (2 hours credit)**

Richard E. Bennett, Huleyan Groundwater Technologies, Denver, CO

**"Electronic Detection of Ground Water"**, (WDPI CE Course #001 (QQ) Emphasis on the principles of the ElectroMagnetic Telluric (EMT), an instrument that measures and stores on digital tape, the electric and magnetic fields generated by naturally occurring telluric currents flowing through subsurface formation. This course of instructions pertains to water well drillers and pump installers.

**January 28, 2005 (Friday)**

**8:00 a.m. – 9:00 a.m. (1 hour credit)**

\*\*\* Lee Farham, Texas Department of Licensing and Regulation (TDLR) – Austin, Texas

**"Water Well Driller/Pump Installer Statutes and Rules Course"**, WDPI CE Course # 001 (J). Presentation will include a regulatory update and discussion of water wells, injection wells and monitor wells. This course of instruction pertains to both water well drillers and pump installers.

**8:00 a.m. – 9:00 a.m. (1 hour credit)**

Arnold Husky, High Plains Underground Water Conservation District #1, Lubbock, Texas

**"High Plains Underground Water Conservation Districts #1 Rules"**, WDPI CE Course #059. This class would also be good training for an apprentice to show on renewal because it covers what the water district will expect of them in fieldwork. This course of instructions pertains to water well drillers and pump installers.

**9:00 a.m. – 10:00 a.m. (1 hour credit)**

Allen E. Johnson, Modern Well Service & Supply, Plainview, Texas

**"Pump Selection & Trouble Shooting"**, WDPI CE Course #001 (I) This course pertains to the selection of pumps based on total dynamic head and pump horsepower required. Also, trouble shooting existing pumps will be discussed. This course pertains to water well drillers and pump installers.

**9:00 a.m. – 10:00 a.m. (1 hour credit)**

Sylvia Guerra, Texas Department of Public Safety, Lubbock, Texas

**"Compliance with TMDL and TMDL Audit & Record Keeping"**, WDPI CE Course #001 (V). Teaches audit and record keeping requirements of the motor carrier safety regulations. This course of instructions pertains to water well drilling and pump installers.

**10:00 a.m. - 11:00 a.m. (1 hour credit)**

Corporal John Gonzales, Texas Department of Public Safety, Lubbock, Texas

**"Clandestine Laboratories & Their Dangers"**, WDPI CE Course #001 (PF). Emphasis on the dangers associated with Clandestine Laboratories, anhydrous ammonia and how well drillers may come into contact with these laboratories. This course of instruction pertains to both water well drillers and pump installers.

**10:00 a.m. – 12:00 noon (2 hours credit)**

Walt Clark & Vicki Ross, Brandon & Clark Electric, Fort Worth, Texas

**"Power & Control Systems for Electric Motors"**, WDPI CE Course #047, This course will cover power supplies, short circuit protection and overload protection of the electric motor. This course of instruction pertains to both water well drillers and pump installers.

**11:00 a.m.-12:00 noon (1 hour credit)**

Sr. Trooper Jesse Mendura, Texas Department of Public Safety, Lubbock, TX

**"TMDL Load Securement"**, WDPI CE Course #001 (RR) Brief overview of Load Securement (General Requirements) tie down requirements, working load limits of tie downs, edge protection and how to figure if you have enough tie downs for the load you are carry. This course of instructions pertains to both water well drillers and pump installers.

\*\*\*Programs approved by TDLR for related Water Well Driller/Pump Installer credit under the rules & regulation criteria.



# TGWA Convention Only Registration

Hilton Hotel and Towers and Lubbock Memorial Civic Center • Jan. 25-28, 2005

NAME \_\_\_\_\_  
 REPRESENTING \_\_\_\_\_  
 ADDRESS \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_  
 TELEPHONE (\_\_\_\_) \_\_\_\_\_; FAX: \_\_\_\_\_  
 E-Mail \_\_\_\_\_

The registrations available for the convention are as follows. Please read descriptions carefully to make sure you are registering for what you want. **REGISTRATION DEADLINE IS FRIDAY, JANUARY 23, 2004.**  
**REGISTRATION AT THE DOOR WILL INCLUDE AN ADDITIONAL FEE OF \$50.00**

<u>Members</u>	<u>Non-members</u>	
\$ 75.00	\$100.00	<b>Full registration</b> (Includes: admission to exhibits/Meet and Greet, and the Awards Luncheon)
\$ 65.00	\$ 75.00	<b>Spouse registration</b> (Includes all planned spouse activities, Awards Luncheon and admission to exhibits)
\$ 45.00	\$ 45.00	Awards Luncheon Only
\$ 55.00	\$ 55.00	Golf Tournament Only
\$ 25.00	\$ 25.00	Entrance to exhibits on Wednesday evening only

Please list your name(s) below as you wish them to appear on your name badge.

	Amount
_____	_____
_____	_____
_____	_____
Total Enclosed	\$ _____

**Credit Card Information, please check one:**  Visa,  MasterCard, or  Discover  
 (Sorry, no American Express).

Name as it appears on your card \_\_\_\_\_  
 Credit Card Number \_\_\_\_\_  
 Three Digit V-Code on Back of Card \_\_\_\_\_  
 Billing Zip Code for credit card \_\_\_\_\_ Expiration Date \_\_\_\_\_

Please return this registration form and your check/Credit Card Information to:  
 Texas Ground Water Association, 221 E. 9th Street, Suite 206, Austin, Texas 78701-2510,  
 Phone: 512-472-7437 Fax: 512-472-0537

# TGWA Golf and Hole Sponsorship Registration

Hilton Hotel and Towers and Lubbock Memorial Civic Center • Jan. 25-28, 2005

On the morning of Wednesday, January 26, 2005, an 18-hole golf tournament will be held for all interested convention golfers. The tournament will be held at Shadow Hills Golf Course, Lubbock, TX. The entry fee is \$55.00. This includes the green fees, cart, and prizes. You may add the entry fee to your conference registration fee or make out a separate check payable to TGWA. ***Be sure to make your reservations early!***

This will be an 8:30 a.m. 4-man scramble tournament.

Any requests or questions should be directed to:

Steve Herndon (817) 426-3781; [sjhtm@msn.com](mailto:sjhtm@msn.com)  
Patrick Casarez (281) 592-3633

-----  
Name \_\_\_\_\_

Company \_\_\_\_\_

Phone Number (\_\_\_\_) \_\_\_\_\_

Handicap \_\_\_\_\_ or Average Score \_\_\_\_\_

Please return this registration form and your check to:

Texas Ground Water Association  
221 E. 9th Street - Suite 206  
Austin, Texas 78701  
512-472-7437 or (Fax) 512-472-0537

-----  
**ALSO: Anyone interested in having his or her company sponsor a Hole, Closest to the Pin, or Longest Drive at \$50.00 each?**

If so, please fill out the form below and return it along with your check to TGWA:

We will sponsor a Hole \_\_\_\_\_ Closest to the Pin \_\_\_\_\_ Longest Drive \_\_\_\_\_  
at the golf tournament on Wednesday, January 26, 2005.

COMPANY \_\_\_\_\_

ADDRESS \_\_\_\_\_

CONTACT PERSON \_\_\_\_\_

PHONE: \_\_\_\_\_ FAX: \_\_\_\_\_ E-MAIL: \_\_\_\_\_

## **GAMS** / *From Page 4*

Geological Survey to develop a model of (15) the northern part of the Gulf Coast aquifer. El Paso Water Utilities and the U.S. Geological Survey supported the development of models for the (16) Mesilla and (17) Hueco Bolson aquifer.

The Edwards Aquifer Authority is developing a new model for the San Antonio segment of the Edwards aquifer that will be available by the end of 2004.

Although the models for the major aquifers are done, the TWDB's work is not completed. Models need to be "living tools" that are updated with new data and refined to better meet stakeholders' needs.

In addition, the 77th Texas Legislature also required the TWDB to develop and obtain GAMS for the minor aquifers of the state, a task on which we are already making progress. Finally, the TWDB supports the models by assisting groundwater conservation districts, regional water planning groups, and other political subdivisions with requests for additional model simulations and interpretation of model results.

Although we accomplished a major mission for the GAM program, more work is needed to ensure that Texas has the best possible tools to effectively manage its groundwater resources.

**ON THE WEB: [TGWA.ORG](http://TGWA.ORG)**

## **NGWA session to eye contaminants**

The NGWA will host its Naturally Occurring Contaminants Conference Feb. 24-25 at the Doubletree Guest Suites Historic Charleston in Charleston, SC.

The event focuses on arsenic, radium, radon and uranium in municipal and private water wells.

For more information, consult [www.ngwa.org](http://www.ngwa.org).

# Stratatek

you provide will be held in strictest confidence.

3. Upon the legislative committee's recommendation, the TGWA Board voted to become a member of the Texas Water Conservation Association (TWCA). This will give the TGWA legislative committee the ability to follow bills or proposed rules that impact our industry, and will give us a platform to be able to influence this legislation. We also will be in a better position to propose rules that would be favorable to the groundwater industry. Some of the specifics of the agreement with TWCA are:

- Provide the TGWA legislative committee with an analysis of bills of interest (Chapter 32, 33, 35, 36 of the Texas Water Code) and their status as they move through the legislative process.
- Notification of any bills creating new groundwater districts
- Notification of any amendments to the Occupation or Transportation Code
- Notify the TGWA legislative committee of pertinent legislative hearings

- Consult with the committee about legislative issues and to the extent not inconsistent with TWCA, formulate strategies, and advocate these issues to the Texas Legislature.

- Provide committee with an analysis of proposed changes to TDLR and TCEQ rules, and the status of these rules as they move through the process.

- Notify committee of regulatory hearings and monitor these hearings

- Consult with the committee about regulatory issues, formulate strategy, and advocate these issues to TDLR and TCEQ.

- Prepare appropriate reports for the committee.

The alliance with TWCA also includes benefit of giving the Association an opportunity to be a member of the TWCA legislative committee. This will allow the TGWA to have a significant voice within a group that has a big impact on groundwater issues. In addition there is strength in numbers, and we believe the two Associations will have more influence working together than they will have working separately.

I think it is important to note that there are numerous goals the legislative committee hopes to

*Continued on the following page*

*From the preceding page*

pursue in the future. Given the short time frame as the Legislature is going into session this January, we believe the current recommendations will afford TGWA the best opportunity to influence rules and legislation in Austin in 2005.

It is critical that Association members try to work through the legislative committee so we can have a coordinated strategy that will focus our efforts in the way that will be most effective. Please be sure that the TGWA office has your e-mail address so the committee can better communicate with all Association members. If you would like to get a copy of a brochure that lists all the Representatives and Senators and the committees on which they serve, let the TGWA office know and they will send one in the mail.

On a personal note, let me say what an honor and privilege it has been to serve as president this past year. I would like to thank Leroy Goodson and his staff as well as each of the divisions of the TGWA Board for making the task enjoyable. There is still much work to do, but I believe we have put in place a solid foundation for future legislative and regulatory reform.

Jim Taylor will begin his term in January and I know he will do a great job. Let me encourage each of you to stay involved with your local chapters because it is truly where the longterm strength of the Association resides. Keep building relationships with your legislative officials as this is a vital part of our strategy to have multiple contacts and points of influence in Austin. I look forward to seeing each of you in January at the Lubbock convention, and hope each of you have a prosperous 2005.

## Welcome New TGWA members

### September 2004

Benito "Benny" Hinojosa  
Hinojosa Services  
1811 Ralph C Craig Lane  
Austin, TX 78748

Stephen L. Walters  
Anchor Water Well  
P. O. Box 450  
Angleton, TX 77516-0450

### November 2004

Mark Beaman  
CBI, TAMU-CC  
303 Rolling Acres  
Corpus Christi, TX 78410-1709

Gordon Becker  
Becker Wholesale  
P. O. Box #580  
Slaton, TX 79364-0580

Ron Felts  
Joy Pipes USA, L. L. C.  
P. O. Box 1619  
Boerne, TX 78006

David Jacobi  
StrataTek/Telluric Technologies, Inc.  
3223 S. Loop 289  
Ste. 240-S  
Lubbock, TX 79423

### December 2004

Nayles Bakke  
Atlas-Copco Drilling Solutions, Inc.  
14254 W. 156th Lane  
Olathe, KS 66002

Ronald Boggess  
Gregg Drilling & Testing  
2811 Highway 59 S # 100  
Livingston, TX 77351-3081

Lee Boyd  
AMISTCO Separation Products, Inc.  
23147 Hwy 6  
Alvin, TX 77611

Randy Delenkios  
Lakos Separators & Filtration  
Systems  
/Laval Underground Surveys  
1365 N. Clovis Ave.  
Fresno, CA 93727

Charles Ray Donaldson  
ABC Pump Inc.  
313 E. San Antonio St.  
Marfa, TX 79843

Delaney Erickson  
Venture Drilling Supply  
4611 S. Muskogee Ave.  
Tahlequah, OK 74464

Don Howard  
PDS Co., Inc.  
P. O. Box 507  
El Dorado, AR 71731

David Kincaid  
American-Marsh Pumps  
185 Progress Road  
Collierville, TN 38017

Jake Klassen  
Jack Spears Drilling Company  
Rt. 1 Box 437  
Seminole, TX 79360

Pete Klassen  
Jack Spears Drilling Company  
Rt. 1 Box 437  
Seminole, TX 79360

Mitch McClannahan  
Karlinton Electric  
1311-3rd Street  
P. O. 1345  
Umatilla, OR 97882

Scott O'Brien  
Pentair Water  
293 Wright St.  
Delavan, WI 53115

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E-mail \_\_\_\_\_

**RETURN THIS FORM TO:**  
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**221 E. 9th St, Ste 206**  
**AUSTIN, TX 78701**

**MEMBERSHIP CATEGORIES**

- \* Company driller, contractor or pump installer . . . . . \$175
- Individual driller, contractor or pump installer. . . . . \$125
- \* Manufacturer or supplier company. . . . . \$150
- Individual manufacturer, supplier or manufacturer's rep . . . . . \$60
- \*\* Ground water science division company, entity or association . . . . . \$80
- Individual ground water science division member. . . . . \$30
- Individual student membership (must be enrolled in school, college or university . . . . \$10
- Individual registered driller or technician (Must be an employee of a company member) \$30
- Individual associate (any person not qualified under any of the above categories). . . . \$30

\* Company - Includes drilling and/or pump contracting firm or manufacturer or supplier company or corporation and two additional individuals of that company.

\*\* Includes two additional science division members of that company.

\_\_\_\_\_  
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\_\_\_\_\_  
E-mail

\_\_\_\_\_  
3rd Member  
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Mailing Address  
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E-mail

*Second and third members of a company membership may receive all mailings at an address other than the company, if desired.*