

CONFLUENCE



Newsletter for TWCA members • 3Q 2003



COMMISSIONER JERRY PATTERSON

Land Commissioner Patterson to address TWCA's Fall Meeting

State Land Commissioner Jerry Patterson will address TWCA members at the organization's Fall Meeting at the Adam's Mark Hotel.

Commissioner Patterson is scheduled to address the group at 10 a.m. Friday, Sept. 26. Several other state leaders are on the program that morning, including State Sen. Kip Averitt of Waco and State Rep. Robert Puente of San Antonio, chair of the House Natural Resources Committee.

State Rep. Mike Krusee of Williamson County, chair of the powerful House Transportation Committee, addresses the conference at the Thursday night dinner.

A graduate of Texas A&M, a Vietnam veteran and Marine aviator, Commissioner Patterson retired from the Marine Corps Reserve as a lieutenant colonel in 1991. He served six years as a state senator and authored major legislation such as the Texas Concealed Handgun Law, the Texas Coastal Management Plan and the law creating the Texas State Veterans Homes.

Although the General Land Office is often associated with beaches and with the state's

See 'Fall Meeting' on Page 3

Agencies turn to national academy to validate Texas approach to flows

The National Academy of Sciences is beginning review of a Texas approach to evaluating instream flows.

Barney Austin of the Texas Water Development Board will discuss the state's instream flow program at TWCA's Fall Meeting in San Antonio.

TWDB, TCEQ and the Parks and Wildlife Dept. are required by 2001's SB2 to administer the program to determine flow conditions necessary to support healthy environments in the state's river basins.

The requirement, explained TWDB's Gary Powell, put Texas in the middle of a national debate over modeling instream flows. The federal model was developed to measure Rocky Mountain streams.

"It doesn't work well down here where, instead of three species to deal with, we have 63," Mr. Powell said in an interview with *Confluence*

The state agencies went to square-one to develop a Texas version. That, Mr. Powell explained, meant considering the basic physics, chemistry and biology for Lone Star

Please see 'Academy' Page 6

TWDB prioritizes drinking water fund

The Lower Colorado River Authority's Highland Lakes Water System ranked first in funding priority in the Drinking Water State Revolving Fund priority list reviewed in July.

The Texas Water Development Board heard comments on the priority list and intended use plan (IUP) July 22. The list contains projects totaling \$478,520,000.

The largest project on the list of 49 recipients is the El Paso Water Utility with \$112,475,000 for "new treatment facilities and transmission lines to

Please see 'Fund' on Page 2



**Texas Water
Conservation
Association**

221 E. 9th Street,
Ste. 206
Austin, Texas 78701
512-472-7216
Fax: 512-472-0537
<http://www.twca.org>
e-mail:
goodson@twca.org
robbins@twca.org

Robert H. Lloyd
President

Joseph J. Beal
President-Elect

Wayne M. Halbert
Immediate Past
President

Leroy Goodson
General Manager

Dean Robbins
Asst. General Manager

Editorial Services:
Gilleland Creek Press
P.O. Box 676
Pflugerville, TX 78691
512-251-8101
Fax: 512-251-8152
cavery@texas.net

**Opinions expressed in
Confluence are those of the
writer and not necessarily
those of TWCA, its officers,
directors or staff.**

© 2003, TWCA

TWDB official:

Feds can benefit from Texas' SB1

As federal lawmakers considered a water planning commission for the 21st Century, a TWDB official offered advice from the Texas effort stemming from 1997's Senate Bill 1.

Bill Mullican, deputy executive administrator for TWDB, testified June 4 in Washington to the Subcommittee on Water Resources and Environment, which is part of the House Committee on Transportation and Infrastructure. The topic was HR135 creating a commission to research water issues at the federal level.

Mr. Mullican urged the commission, when it becomes reality, to follow many of the steps taken successfully in Texas in it is from-the-ground-up planning.

The Texan suggested that extensive public involvement was key in the SB1 process. Prior to the 1997 law, top-down planning had obscured public awareness of the widening gap between water supplies and water demand. And local authorities – cities and other communities – were not involved in the planning, so they weren't as engaged in pushing for the projects suggested at the state level.

Since the SB1 planning involved local governments and citizens in defining the problem and planning for its solution, Texas has seen two benefits, Mr. Mullican said:

“First, public participation and awareness have increased well beyond even the most optimistic expectations. Second, the implementation of water management strategies and projects recommended to meet future water-supply needs is moving forward at a pace not experienced in Texas since the late 1970s and early 1980s.”

Mr. Mullican told the subcommittee that SB1 had shown the state's role was most effective when it established planning guidelines, provided technical support, resolved interregional conflicts and provided funding necessary for the planning effort.

“These four areas of involvement in the planning process by State agencies such as [the TWDB] serve as an excellent template for the appropriate role for the Commission proposed in HR 135,” he said.

Fund/ from Page 1

address arsenic exceedences and production deficiencies.”

Other recipients of larger loans are Rio Grande City, \$61,350,000 for water treatment plant expansion and distribution improvements; Lower Neches Valley Authority, \$55,245,000 for a regional surface water treatment plant; and La Joya Water Service Corp., \$47,155,000 for a new surface water treatment plant, plant improvements and transmission lines.

The Drinking Water State Revolving Fund (SRF) Program provides low-interest loans to eligible entities for planning, designing, and constructing public water facilities. It is a “revolving” fund because loan repayments are used to make additional loans.

TCEQ ranks projects and develops a priority-ranking list, and submits the list to the TWDB.

The Board uses the list to develop the intended use plan (IUP), and establish the funding line. Projects ranked above the funding line are eligible for financial assistance.

Applicants for these projects will be invited to apply for financial assistance and will have four months to submit applications to the Board and three additional months to obtain a commitment. Additional information on the ranking process can be found within the Texas Water Development Board Rules, specifically under Chapter 371, Section 371.19.

Fall Meeting • Adam's Mark Hotel, San Antonio

Sept. 24-26, 2003 • Tentative Program

Wednesday, Sept. 24, 2003

1:00pm Registration – *Grand Foyer*
 1:00-5:00pm Public Funds Investment Training
 – *Executive Salon 2 (3rd Floor)*

3:15pm – 5:00pm

Water Quality Session
 – *Texas Ballroom B (2nd Floor)*

“Perchlorate Issues in Central Texas”,
 Tom Ray, Lockwood, Andrews &
 Newnam, Inc., and Rick Garrett,
 Director of Water Utilities, City of Waco

Thursday, Sept. 25, 2003

8:00am – 5:00pm Registration – *Grand Foyer*
 8:00am – Noon Public Funds Investment Training
 – *Executive Salon 2 (3rd Floor)*
 8:00am – 10:00am Nutrient Criteria Committee Meeting
 – *Boardroom (3rd Floor)*
 8:00am – 10:00am Federal Affairs Committee Meeting
 – *Texas Ballroom B (2nd Floor)*
 9:00am – 10:00am Drainage District Panel Meeting
 – *Texas Ballroom A (2nd Floor)*
 9:00am – 10:00am Groundwater Panel Meeting
 – *Executive Salon 1 (3rd Floor)*
 9:00am – 10:00am River Authorities Panel Meeting
 – *Rose Garden (3rd Floor)*
 9:00am – 10:00am Irrigation Panel Meeting
 – *Directors Room 2 (2nd Floor)*
 9:00am – 10:00am Municipal Panel Meeting
 – *Executive Salon 4 (3rd Floor)*
 9:00am – 10:00am Industrial Panel Meeting
 – *Executive Salon 5 (3rd Floor)*
 9:00am – 10:00am General & Environmental Panel Meeting
 – *Directors Room 1 (2nd Floor)*
 9:00am – 10:00am Navigation & Flood Control Panel Meeting
 – *Executive Salon 3 (3rd Floor)*
 9:00am – 10:00am Utility Districts Panel Meeting
 – *Texas Ballroom C (2nd Floor)*
 10:30am - 11:30am TWCA Board of Directors Meeting
 – *Texas Ballroom B (2nd Floor)*

• 1:30pm – 5:00pm

“San Antonio River Authority Innovative
 Watershed Program Integrating Flood
 Control And Water Quality”, TBA

“Update on National and Texas TMDL
 Program”, Mel Vargas

“Use Attainability Analyses on Tidal Rivers”,
 Pat Radloff, Texas Parks & Wildlife
 Department

Administrative Session
 – *Executive Salon 1 (3rd Floor)*

1:30pm – 2:30pm

“Document Management, Records
 Management, and Integration with other
 Water District Systems”,
 Michael Randish, 5280 Solutions

2:45pm – 3:45pm

“Retirement Health Savings Plan”
 Mickey Reeves, ICMA-RC Services, LLC

4:00pm – 5:00pm

“Risk Management – Hot Topics”
 Norman Ashton, Tarrant Regional Water
 District

6:30pm

Reception & Dinner
 – *Texas Ballroom B (2nd Floor)*

Guest Speaker: State Rep. Mike Krusee,
 Chairman, Transportation Committee

Friday, Sept. 26, 2003

• CONCURRENT SESSIONS
 • 1:30pm – 3:00pm Water Laws Session
 – *Texas Ballroom B (2nd Floor)*
 “Review of the Laws Passed During
 the 78th Legislative Session Which Affect
 Water Districts”, Andrew Johnson, Johnson,
 Radcliffe, Petrov & Bobbitt, PLLC
 “Instream Flow Program”, Barney Austin,
 Texas Water Development Board
 “Water Rights and Title Insurance”,
 Joe Knox, Stewart Title

8:00am – 11:30am

Programs
 – *Texas Ballroom B (2nd Floor)*

8:30am – 9:00am

“Desalination Projects
 in the Lower Rio Grande Valley
 Bill Norris, NRS

9:00am – 9:30am

State Senator Kip Averitt

9:30am – 10:00am

State Representative Robert Puente,
 Chairman, House Natural Resources
 Committee

10:00am – 10:30am

Texas Land Commissioner Jerry Patterson

10:30am – 11:00am

“Using GIS to Identify Trigger Wells and for
 Drought Management of an Aquifer”,
 Allan Standen, D.B. Stephens & Associates

Fall Meeting/ from Page 1

oil and gas interests, the land office has recently been mentioned as a possible participant in a mammoth proposal to market water to the City of El Paso.

According to the *Austin American-Statesman*, the deal is being proposed by Denver billionaire Philip Anschutz and an El Paso construction executive, Woody Hunt. The parties are exploring methods to finance development of Bone Spring-Victorio Peak Aquifer water in Hudspeth County for sale to El Paso.

CONFIRMED GROUNDWATER CONSERVATION DISTRICTS

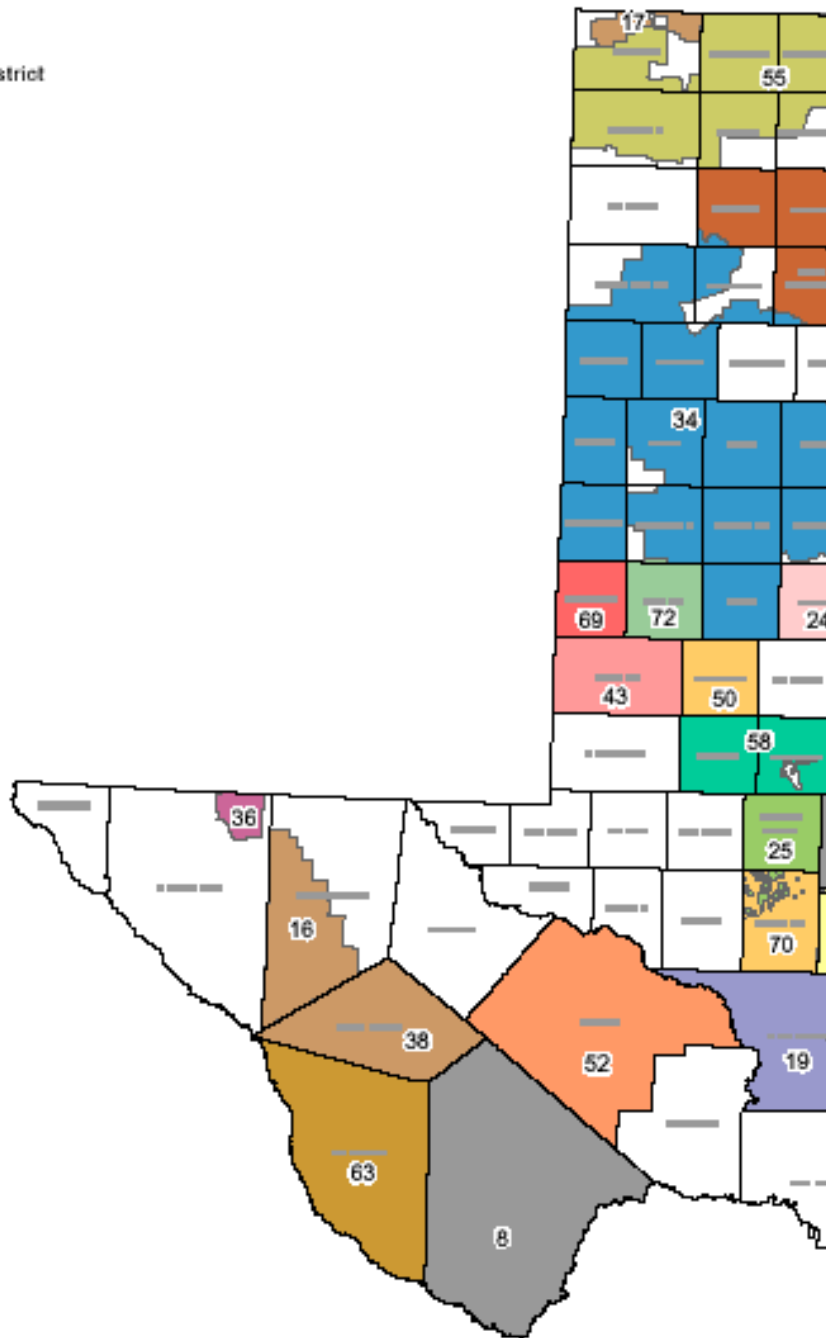
- 1. Anderson County UWCD
- 2. Bandera County River Authority and Ground Water District
- 3. Barton Springs/Edwards Aquifer CD
- 4. Bee GCD
- 5. Blanco-Pedernales GCD
- 6. Bluebonnet GCD
- 7. Brazos Valley GCD
- 8. Brewster County GCD
- 9. Clear Fork GCD
- 10. Clearwater UWCD
- 11. Coastal Bend GCD
- 12. Coastal Plains GCD
- 13. Coke County UWCD
- 14. Collingsworth County UWCD
- 15. Cow Creek GCD
- 16. Culberson County GCD
- 17. Dallam County UWCD No. 1
- 18. Edwards Aquifer Authority
- 19. Emerald UWCD
- 20. Evergreen UWCD
- 21. Fayette County GCD
- 22. Fort Bend Subsidence District
- 23. Fox Crossing Water District
- 24. Garza County Underground And Fresh WCD
- 25. Glasscock GCD
- 26. Goliad County GCD
- 27. Gonzales County UWCD
- 28. Guadalupe County GCD
- 29. Harris-Galveston Coastal Subsidence District
- 30. Hays Trinity GCD
- 31. Headwaters GCD
- 32. Hemphill County UWCD
- 33. Hickory UWCD No. 1
- 34. High Plains UWCD No.1
- 35. Hill Country UWCD
- 36. Hudspeth County UWCD No. 1
- 37. Irion County WCD
- 38. Jeff Davis County UWCD
- 39. Kimble County GCD
- 40. Kinney County GCD
- 41. Lipan-Kickapoo WCD
- 42. Live Oak UWCD
- 43. Llano Estacado UWCD
- 44. Lone Star GCD
- 45. Lone Wolf GCD
- 46. Lost Pines GCD
- 47. McMullen GCD
- 48. Medina County GCD
- 49. Menard County UWCD
- 50. Mesa UWCD
- 51. Mid-East Texas GCD
- 52. Middle Pecos GCD
- 53. Middle Trinity GCD
- 54. Neches & Trinity Valleys GCD
- 55. North Plains GCD
- 56. Panhandle GCD
- 57. Pecan Valley GCD
- 58. Permian Basin UWCD
- 59. Pineywoods GCD
- 60. Plateau UWC And Supply District
- 61. Plum Creek CD
- 62. Post Oak Savannah GCD
- 63. Presidio County UWCD
- 64. Real-Edwards C and R District
- 65. Red Sands GCD
- 66. Refugio GCD
- 67. Rolling Plains GCD
- 68. Salt Fork UWCD
- 69. Sandy Land UWCD
- 70. Santa Rita UWCD
- 71. Saratoga UWCD
- 72. South Plains UWCD
- 73. Sterling County UWCD
- 74. Sulton County UWCD
- 75. Texana GCD
- 76. Tri-County GCD
- 77. Trinity Glen Rose GCD
- 78. Uvalde County UWCD
- 79. Wes-Tex GCD
- 80. Wintergarden GCD

PENDING CONFIRMATION GROUNDWATER CONSERVATION DISTRICTS

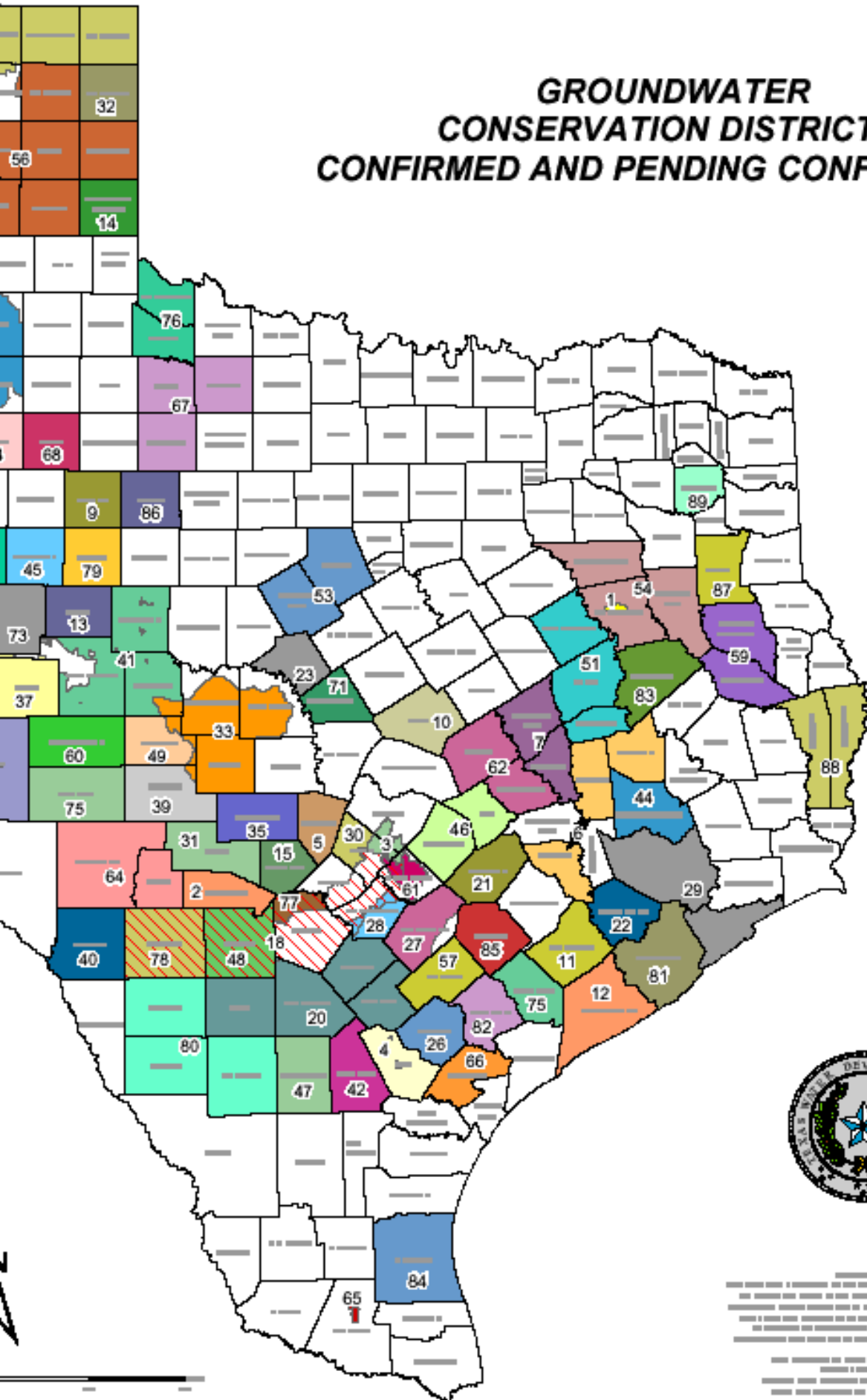
- 81. Brazoria County GCD + #
- 82. Crossroads GCD **
- 83. Houston County GCD + #
- 84. Kenedy County GCD + #
- 85. Lavaca County GCD **
- 86. Lower Seymour GCD +
- 87. Rusk County GCD + #
- 88. Southeast Texas GCD + #
- 89. Upshur County GCD + #

** Districts Failed Initial Confirmation Election
 + No Election
 # Created by the 78th Legislature

THIS MAP IS A GENERAL INFORMATION MAP ONLY. IT IS NOT A GUARANTEE OF THE ACCURACY OF THE INFORMATION SHOWN. THE STATE OF TEXAS DOES NOT WARRANT THE ACCURACY OF THE INFORMATION SHOWN. THE STATE OF TEXAS DOES NOT WARRANT THE ACCURACY OF THE INFORMATION SHOWN. THE STATE OF TEXAS DOES NOT WARRANT THE ACCURACY OF THE INFORMATION SHOWN.



GROUNDWATER CONSERVATION DISTRICTS: CONFIRMED AND PENDING CONFIRMATION



STATE OF TEXAS
DEPARTMENT OF WATER RESOURCES
TEXAS WATER DEVELOPMENT BOARD
1000 WEST 11TH STREET, SUITE 1000
AUSTIN, TEXAS 78703
TEL: 512/261-2000
WWW.TWDB.TX.GOV

Position available

WATER CONSERVATION COORDINATOR I
(Water Conservation - Water Services)

Essential Functions: Coordinate all water conservation activities related to system water loss; conduct residential and small commercial irrigation audits; track and update all water and wastewater utility data related to water conservation and reuse; and maintain and update the LCRA Water Utilities Conservation and Drought Contingency Plan. Assist with implementing conservation programs related to multifamily submetering, reclaimed wastewater and other LCRA water utility conservation issues. Serve as the primary informational resource to the public for water utility system audits, landscape irrigation systems and wastewater reuse.

Minimum Requirements: Undergraduate degree in Business, Database Management, or one of the Physical Sciences or related

field, plus two years relevant experience (related experience may substitute for education). Requirements include: previous experience in water utility operations, customer service, water planning or related area. Ability to develop and implement routine processes and procedures, follow up on details and troubleshoot problems, and provide excellent customer service. Knowledge of water utility system components (including pipes and meters), water loss and landscape irrigation systems preferred. Must be willing to obtain landscape irrigation license, be able to work both in the office and in the field and able to travel during working hours 10-25% of the time. Requires working in all weather conditions and a valid Texas driver's license. JOB # 030808 (additional position). Closing date: 09/26/03. (PM 24) Salary Range: \$2,700 – \$4,050/Monthly (Salary range effective 8/18/03).

Consult the website at www.lcra.org for more information. Contact LCRA - Employee Services, Employment and Recruiting, at (512) 473-3203.

Academy/ from Page 1

State river flows. The latest document in that effort, the Draft Technical Overview, was posted on the TWDB website Aug. 18.

While Texans are famous for branching out on their own, this Lone Star approach still had to meet requirements in SB2, whose proponents used "best science" as a catchphrase. The methodology had to be verifiable — and well within mainstream parameters — from a scientific point-of-view.

To assure that the Texas model passed muster, the TWDB contracted with the National Academy of Sciences to scrutinize the approach. A committee of the Academy will be researching the approval and report back by July 31, 2004.

The interagency program has until Dec. 31, 2010, to complete priority studies.

Serving the water resources needs of Texas

- Planners
- Engineers
- Architects
- Scientists
- Program & Construction Managers

Contact: Craig Pedersen
512.419.5881 • craig_pedersen@urscorp.com
Austin • Dallas • Freeport • Houston • San Antonio

URS
www.urscorp.com

ARCADIS
Infrastructure, buildings, environment, communications

Texas Offices:
Austin
Corpus Christi
Houston
Laredo
Lufkin
Midland

**Buildings
Environmental
Land Resources
Transportation
Telecommunications
Water & Wastewater**

281.497.6900 main
281.496.2936 fax
www.arcadis-us.com

Part of a bigger picture

ONE COMPANY | Many Solutions®

- Water
- Environmental
- Bridge
- Waste
- Facilities
- Transportation

Austin (512) 812-8108
Corpus Christi (361) 847-2268
Dallas (972) 880-4468
Fort Worth (817) 810-8182
Houston (281) 872-8884
San Antonio (210) 828-8217

Employee Owned Office Nationwide

HDR


for issues that matter . . . communications that work

we talk water

capabilities: newsletters & brochures, media/public relations, group facilitation, website development, policy & legislative analysis, event planning & coordination

clients: river authorities, groundwater districts, local & regional governments, municipalities, state agencies, engineering consulting firms

Fernandez Group, Inc.
t 512-477-5445 f 512-477-9490
www.fernandezgroupinc.com




ALAN PLUMMER ASSOCIATES, INC.
 ENVIRONMENTAL ENGINEERS • DESIGNERS • SCIENTISTS
apainv.com

Water • Wastewater • Air • Transportation

Celebrating 25 Years of Service
 "distinguished by quality and performed with integrity"

Arlington Austin Dallas Fort Worth Tyler
 817.461.1491 512.452.5905 214.631.6100 817.806.1700 903.561.6984

Come on in and join your friends...



- ◆ Property Coverage
- ◆ Liability Coverage
- ◆ Health Benefits
- ◆ Workers' Comp

...The "Water" is GREAT!

P.O. Box 26695 Austin, Texas 78788-0695 (800) 898-TWCA
TEXAS WATER CONSTRUCTION ASSOCIATION RISK MANAGEMENT FUND



Lockwood, Andrews & Newnam, Inc.
 A SUBSIDIARY OF LEO A DALY



More than 100 years of Engineering Excellence

**Water Distribution/Treatment
 Wastewater Collection/Treatment
 Permitting Assistance
 Water Resources**

Freese and Nichols, Inc.
 817/735-7300 www.freese.com


Austin • Dallas • Fort Worth • Houston Area • Longview • Tampa • Mexico



BLACK & VEATCH

**Water Resources Planning, Permitting,
 Design and Construction Management**

Austin 512/485-4596 Fort Worth 817-429-7558
 College Station 979/696-6218 Dallas 214-570-7000
 Houston 713-260-0420 San Antonio 210-404-1330
www.bv.com



Offices throughout the U.S.
 Offices in Texas:

Houston Dallas Austin San Antonio Tyler
 281-462-5100 972-387-6771 817-437-4840 214-628-1444 903-504-1102

LAW OFFICES
MCCALL, PARKHURST & HORTON L.L.P.

717 NORTH HARWOOD
 NINTH FLOOR
 DALLAS, TEXAS 75201-4887

TELEPHONE: 214 754-9200
 FACSIMILE: 214 754-8180

AUSTIN, TEXAS 78701-3248 SAN ANTONIO, TEXAS 78205-3803
 TELEPHONE: 817 478-3808 TELEPHONE: 210 228-2800

TurnerCollie & Braden
 Engineers • Planners • Project Managers www.tcb.oecom.com

Austin 512-472-4519 Houston 713-780-4100
 Dallas 972-735-3000 Pharr 956-781-6991
 Fort Worth ... 817-698-6700 San Antonio ... 210-296-2000

*For all your water system planning and design needs...
 today and tomorrow*

CONFLUENCE

**Newsletter for
Texas Water Conservation
Association**

221 E. 9th Street, Ste. 206
Austin, Texas 78701
512-472-7216
Fax: 512-472-0537

www.twca.org

PRESORTED STANDARD
U.S POSTAGE
PAID
AUSTIN, TX
PERMIT NO. 1696

THANKS, SPONSORS

TWCA's Confluence Newsletter gratefully acknowledges these sponsors who make this communication among members possible. For sponsorship information, contact Leroy Goodson or Dean Robbins at 512-472-7216.
