



# MEMORANDUM

REGIONAL WATER DISTRICT

**TO:** Board of Directors  
**FROM:** Thomas E. Taylor, Executive Director  
**DATE:** January 26, 2018  
**SUBJECT:** Board of Directors Meeting - - February 1, 2018



**Meeting Place:** Upper Trinity Regional Water District  
Board Meeting Room  
900 N. Kealy  
Lewisville, TX 75057

**Date:** Thursday, February 1, 2018

**Board Meeting:** 12:30 P.M.

**Notice:** For the required quorum, your presence is very important. However, if you cannot attend, please contact Nancy Tam by email: [ntam@utrwd.com](mailto:ntam@utrwd.com) or by telephone at 214-538-8602, as soon as possible.

## A WORD FROM THE PRESIDENT.

We skipped just one Board Meeting over the holidays since our last meeting on December 7. Yet to me, the time since we last met seems much longer than two months. My regular job is keeping me quite busy; and, I keep thinking about the large capital improvement program that the Board oversees for Upper Trinity. It is with a sense of duty and high expectation that I look forward to working on the regional program with the Board, as we tackle the many challenges that we find on our plate for the remainder of this year. I appreciate the cooperative spirit of the Board as we address what appears to be the largest growth period in our history. I welcome your input - - as always.

Is that enough to think about? To hold our attention? You might think so - - but, that's not the case. There is much more - - starting close to home. After a long period of succession planning, it is now time for one of the most important decisions that a Regional Board will ever make - - the final decision about our next Executive Director. Starting with just an idea, Tom Taylor has led the way, creating a successful and unique regional enterprise that we fondly call "Upper Trinity." When the State Legislators approved our Bill in 1989 creating Upper Trinity, we were little more than a dream, a vision to create a regional utility system to serve the Denton County area. With no money, no revenue stream, and no infrastructure, Mr. Taylor and a token handful of Members rolled up their sleeves and got to work; then others joined in, all helping create the Regional Utility our communities rely on for our residents and businesses today. The steps ahead will be equally challenging, requiring the best from both Board and Staff. So, all of us must stay the course and remain focused on our mission as we look ahead.

Just a glimpse ahead. Challenges for our next Executive Director and the entire team include: (1) getting Lake Ralph Hall built by the time of need; (2) keeping the District's plant capacities up

to date, and ahead of growth; (3) upgrading key transmission pipelines which are reaching the limits of their capacities; and, (4) we must continue to be good stewards of our watersheds and remain sensitive to all related environmental issues as Upper Trinity continues to be a leader in the region. I think that we have prepared well and are ready.

- - Kevin Mercer, President

### **INFORMATIONAL ITEMS**

**A Snippet of History.** You may have heard that an additional reservoir had been authorized upstream of Grapevine Lake - - but never built. That's true - - - but, why not? Also, have you heard about proposed Lake Aubrey? Further, you may have even been around when Denton County and Tarrant County almost came to blows over a sliver of land - - and, our own Don Hill was in the middle of it. For more details, please see the enclosed news clips from 25 and 50 years ago.

**Greenbelt Plan Selected for Another Award.** The Denton County Greenbelt Plan was selected as the recipient of the "Director's Award" from the American Planning Association – Texas Chapter, Midwest Section. This award is being given in recognition of the significant planning effort that was put forth during the development of the Greenbelt Plan, and will be presented on Wednesday, January 31 in Fort Worth. This is the second award the Greenbelt Plan has received - - most recent of which was the 2018 National Environmental Achievement Award from the National Association of Clean Water Agencies to be presented in Napa, California on February 7<sup>th</sup>.

**'Water My Yard' 2017 Summary.** As part of the Water Conservation program, the District participates in the 'Water My Yard' program that provides weekly lawn watering recommendations to area residents. The District has two weather stations, one at the Taylor Water Treatment Plant in Lewisville and one at the Harpool Water Treatment Plant in Providence Village. Data from these stations is used to create the weekly recommendations. In 2017, both stations recorded less than 30 inches of rainfall, slightly below the annual average of 36 inches. Even with less rainfall, 'Water My Yard' recommended watering only 18 times out of the year from the Taylor station and 22 times from the Harpool station. No recommendations exceeded 0.75 inches in a week which is less than the general recommendation of 1 inch per week. Residents who followed the 'Water My Yard' recommendations would have had significant water savings, compared to watering every week. Staff encourages each Member entity to continue promoting this program to residents as a way to save water. If you have any questions, please contact Jason Pierce at 972-219-1228.

**Texas Water Development Board - - Visit to Riverbend.** The Riverbend Water Reclamation Plant Expansion Project received funding from the Texas Water Development Board (TWDB). The project is progressing well, and because of this, was selected by the TWDB staff as one of the funded projects in the Dallas and Fort Worth metroplex to be toured by the TWDB's Executive Administrator, Mr. Jeff Walker. Mr. Walker toured the Project on Thursday, January 25 with District staff, consulting engineer and the contractor.

**TCEQ conducts first inspection at Doe Branch Plant.** On December 7, 2017, the Texas Commission on Environmental Quality (TCEQ) conducted a routine compliance inspection at the Doe Branch Water Reclamation Plant. This was a first for the new Plant, since it was placed in service in November of 2016. We are pleased to report that the plant passed this inspection with flying colors. TCEQ found all operational activities, permit sampling, journal logs and reporting to be within compliance. A copy of the letter is enclosed.

**City of Pilot Point visits Peninsula Plant.** On January 20, Board Member Alan Guard accompanied a group from the City of Pilot Point on a tour of the Peninsula Water Reclamation Plant. The group consisted of Mayor Shea Dane-Patterson, Council Members Jim Porter, Whitney Delcourt and CJ

Hilliard, Don Munsch, Assistant Editor for the Pilot Point Post-Signal and several other citizens of the City. Staff provided the group with handouts of the facility, explained the basics of wastewater treatment and a tour of the Peninsula Plant facilities.

**Urban Riparian and Stream Restoration Workshop.** In partnership with Texas A&M AgriLife and the Texas Water Resources Institute, the District will again be co-hosting an Urban Riparian and Stream Restoration Workshop on February 21 at the District's office in Lewisville. The District last hosted this course in 2012. The workshop will be from 8:30 AM – 4 PM. Participants will learn about how urban development can potentially change the hydrology of a watershed, and the resulting impacts to streamflow. Participants will also gain an understanding of natural design processes for stream restoration projects. The workshop includes a classroom portion and field portion. The cost to attend is \$100 payable to TWRI and includes training materials and lunch. There are several different continuing education units available. To register, visit the Texas Water Resources Institute website at <http://nrt.tamu.edu/schedule/>.

**Water Loss Audit and Leak Detection Workshop.** The District is co-hosting a Water-Loss Audit and Leak Detection Workshop with the Texas Water Development Board on March 21. The workshop is from 8:30 AM – 12:30 PM at the District office in Lewisville. Participants will gain a better understanding of how to use water-loss audits as part of an effective water-loss control program, and learn about TWDB's leak detection equipment loan program. Anyone may attend. Water Operators will receive four hours of continuing education through the Texas Commission on Environmental Quality. For more information and to register, contact Daniel Rice with TWDB at 512-463-0987 or [Daniel.Rice@twdb.texas.gov](mailto:Daniel.Rice@twdb.texas.gov).

**TWDB provides funds for Ladonia Water System Improvements.** On January 22, 2018 the TWDB approved \$3,110,000 in financial assistance to City of Ladonia for construction costs associated with water system improvements. Enclosed is a News Release with more information.

**Lake Lewisville Dam Safety Modification Project Update.** The U.S. Army Corps of Engineers (USACE) is on schedule to advertise the first phase of Dam Safety Improvements during the summer of 2018. This phase will include utility relocations and dam seepage area repairs. During a recent utility coordination meeting District Staff discovered potential construction conflicts with UTRWD facilities - - not conflicting with the Dam, rather with construction haul roads and streets. The District's 60-inch raw water supply line, 16-inch non-potable pipeline and 24-inch treated water line could be impacted by the proposed construction, specifically the conflicts relate to the relocation of Jones Street and construction haul roads. Our staff is working directly with the designated USACE, Lewisville Lake staff to resolve these potential conflicts.

### **BOARD MEETING**

Enclosed is the agenda for the February 1, 2018 Board Meeting, and the Data Sheets for action items and other related information. Please contact me or the appropriate staff person if you have any questions.



# DENTON RECORD-CHRONICLE

AN EDITION OF THE DALLAS MORNING NEWS

DENTONRC.COM

SUNDAY, JANUARY 7, 2018

DENTON, TEXAS

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## 25 YEARS AGO

### FROM JANUARY 1993

#### County officials 'draw a line in the sand'

Denton County officials sought Tuesday to "draw a line in the sand" in their border flap with Tarrant County, this time by unveiling a new Denton County border sign planted along Texas 114 in Trophy Club.

But Tarrant County assistant district attorney Gerald Summerford discounted their claims and said his county planned to hire a surveyor to prepare an official survey of the line and submit to the General Land Office.

In dispute is about 4,000 acres of prime real estate worth nearly \$60 million.

County Judge Jeff Moseley, along with Commissioners Don Hill, Kirk Wilson and Scott Arme, spoke at the unveiling. Noticeably silent was Commissioner Sandy Jacobs.

Mrs. Jacobs was a leader in the push to redraw the Dallas/Denton county line in the 1980s to add Dallas County land to Denton County. The effort actually resulted in Denton County losing territory to Dallas County.

— Compiled from the files of the Denton Record-Chronicle by DJ Taylor

# DENTON RECORD-CHRONICLE

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SUNDAY, JANUARY 7, 2018

DENTON, TEXAS

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## 50 YEARS AGO

### FROM JANUARY 1968

#### No Roanoke lake, but Aubrey Reservoir likely

A proposed lake at Roanoke likely will not be built because of Interstate 35W, the head of the Dallas Water Department, Henry J. Graeser, said.

However, plans are going forward for the proposed Aubrey Reservoir. The City of Dallas has asked the U.S. Army Corps of Engineers to include money for advanced planning for the Aubrey project in the budget for fiscal year 1969.

Projections call for the Aubrey Reservoir to be completed and full of water by 1980, although that depends on Congress and the Corps of Engineers.

The lake would be jointly owned by Dallas and Denton.

The high cost of raising or re-routing Interstate 35W would be prohibitive, according the Graeser.

Graeser also warned that a lack of water may someday keep this area from reaching its potential.

— Compiled from the files of the  
Denton Record-Chronicle by DJ Taylor

Bryan W. Shaw, Ph.D., P.E., *Chairman*  
Toby Baker, *Commissioner*  
Jon Niermann, *Commissioner*  
Richard A. Hyde, P.E., *Executive Director*



## TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

*Protecting Texas by Reducing and Preventing Pollution*

January 11, 2018

Mr. Ben Hodges, Northeast Operations Manager  
Upper Trinity Regional Water District  
P. O. Box 305  
Lewisville, Texas 75067-0305

Re: Comprehensive Compliance Investigation at:  
Doe Branch Regional WRP, 27200 E. Highway 380, Little Elm, (Denton County),  
Texas  
Regulated Entity No.:104085667, TCEQ ID No.: WQ0010698-003, EPA ID No.:  
TX0125172

Dear Mr. Hodges:

On December 7, 2017, Mr. Imran Khawaja of the Texas Commission on Environmental Quality (TCEQ) Dallas/Fort Worth (DFW) Region Office conducted an investigation of the above-referenced regulated entity to evaluate compliance with applicable requirements for wastewater treatment. No violations are being alleged as result of the investigation.

The TCEQ appreciates your assistance in this matter and your compliance efforts to ensure protection of the State environment. If you or members of your staff have any questions regarding these matters, please free to contact Mr. Khawaja in the DFW Region Office at (817) 588-5806.

Sincerely,

A handwritten signature in black ink, appearing to read "Jeff Tate".

Jeff Tate, Water Section Manager  
Dallas/Fort Worth Region Office  
Texas Commission on Environmental Quality

JT/ik

# Texas Water Development Board approves \$3,110,000 to the City of Ladonia (Fannin County) for water system improvements

For immediate release. Contact: Kimberly Leggett at 512-463-5129

AUSTIN – (January 22, 2018) – The Texas Water Development Board (TWDB) today approved by resolution financial assistance in the amount of \$3,110,000, consisting of a \$2,810,000 loan and \$300,000 in loan forgiveness, from the Drinking Water State Revolving Fund to the City of Ladonia (Fannin County). The City will use the assistance to finance construction costs associated with water system improvements.

The City could save approximately \$512,000 over the life of the loan, in addition to the loan forgiveness.

With the assistance approved today, the City will replace approximately 3.5 miles of pipeline, construct a new well house and ground storage tank, and complete other improvements. The TWDB committed \$394,650 in December 2013 for the planning and design phases of this project.

The TWDB is the state agency charged with collecting and disseminating water-related data, assisting with regional planning, and preparing the state water plan for the development of the state's water resources. The TWDB administers cost-effective financial assistance programs for the construction of water supply, wastewater treatment, flood control, and agricultural water conservation projects.