

**DENTON COUNTY DEVELOPMENT DISTRICT 4  
DENTON COUNTY FRESH WATER SUPPLY DISTRICT 6  
DENTON COUNTY FRESH WATER SUPPLY DISTRICT 7  
“Lantana”**

**General Manager’s monthly report for May 2014**

- Upper Trinity Regional Water District points of interest: At the Board meeting on May 1st; Tom Taylor, Executive Director of Upper Trinity Regional Water District was recognized for receiving the W.T. “Doc” Ballard award from the Texas Section of the American Water Works Association (AWWA). A copy of the press release is attached for your review. This is quite an honor to receive such a prestigious award. Reading through Tom’s accomplishments one quickly learns why the award was bestowed upon him. He is very deserving of the recognition. A Task Order was awarded to Lockwood, Andrews and Newnam for the engineering services to design the modifications to the intake structure at Lake Lewisville and the raw water pipeline to the Taylor Plant for mitigation of Zebra Mussels. The solution includes coating the intake screens with a copper anti fouling material or replacing the screens with copper screens; and installing a cathodic protection system in the raw water pipeline. Board President Todd Madison, Vice President Lance Vanzant, Treasurer Chris Boyd and Secretary Gary Calmes were all reelected to serve a second term as Officers on the Board of Directors. The Board also received a favorable inspection report on the building next door to Upper Trinity’s headquarters facility and opted to move forward with closing on the purchase of the facility.
- Drought conditions- The DFW area received a total of 1.74” of rain in April, which is about 1.33” below average. We are only 4 months into 2014 and over 7” below average rainfall. Area lake levels are still extremely low for this time of year. Lake Lewisville- current elevation 514.10’, - 7.90’, Ray Roberts- current elevation 624.14’, - 8.36’, Lake Chapman (Cooper Lake) - current elevation 428.85’, - 11.15’, Lake Lavon- current elevation 479.95’, - 12.05’. Elevations given are for the conservation pool elevation not the flood pool elevation. Flood pool elevations are 6-12’ above the conservation pools.
- Argyle Fire District points of interest: The Fire District received a total of 23 calls for service within Lantana during March which accounted for 26% of the total calls for the month. The Fire District received a total of 28 calls for service within Lantana during April which accounted for 28% of the total calls for the month. The next Fire Board meeting is scheduled for May 22<sup>nd</sup> at 7:00PM.
- Ratliff Hardscape will commence construction of the Bandera Addition Phase D and Kendall Addition Phase C Hardscape Package upon completion of subdivision construction activities.

- American Landscape Systems, Inc. will begin installation of the Bandera Addition Phase D and Kendall Addition Phase C Landscape Package once Ratliff completes construction of the screening walls.
- GM Construction is nearing completion on the construction of Juniper Addition Phase B. Wet utilities (water, waste water and storm sewer lines) have been completed. Retaining walls have been completed. Subgrade stabilization has been completed and paving operations will be completed within the next week. Completion is currently scheduled for the end of June.
- RKM Utility Services is making good progress on the construction of Garner Addition Phase A. They are nearing completion of mass grading the future phase(s) of the subdivision. Pads within the subdivision have been completed. Wet utilities (water, waste water and storm sewer lines) have commenced. They are currently working on the water lines. The Developer decided to extend Monahan to Copper Canyon Rd. to provide better ingress and egress to the project as well as the new school. Completion is currently scheduled for the first part of July.
- Pavecon is nearing completion on the construction of Kendall Addition Phase 3 and Bandera Addition Phase 4. This will be the final phases of both subdivisions. Retaining walls have been completed. Subgrade stabilization and paving have been completed. They are currently working on the inlet tops in Kendall and should start inlet tops in Bandera next week. Co-Serv is currently installing the franchised utilities in both subdivisions. Both projects are currently scheduled to be completed in July.
- LH Lacy Construction is nearing completion on the new elementary school site and adjacent residential development. Subgrade stabilization and paving have been completed except for the tie in of Simmons at FM 407. This work can commence within the next few weeks since both west bound lanes of FM 407 are open to traffic. A final inspection of completed work was conducted on April 2<sup>nd</sup>. Punch list items are nearing completion.
- Balfour Beatty is making good progress on the construction of Dorothy Adkins Elementary School. They have completed erecting the structural steel framing and masonry walls. They are nearing completion of the wall framing and roofing. Interior wall inspections are now underway and interior finishes are ongoing within the wings that have passed inspection. The facility is scheduled to open in the fall of 2014.
- Kwik Industries is making good progress on the construction of the Dry Cleaners which will be located at 7140 FM 407 just west of the car wash. They have completed the plumbing rough, foundation and paving of the parking lot. Structural steel framing has been completed. Interior framing is underway as well as the exterior finishes.
- CVS submitted plans on December 11<sup>th</sup>. The plans have been approved and the permit will be issued as soon as their subcontractors are registered. The address will be 7000 FM 407, which is at the northwest

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corner of Copper Canyon Road and FM 407. They are currently prepping the pad for construction and resolving some utility conflicts at the rear of the site. Building construction should commence next week.

- LH Lacy is nearing completion on the public infrastructure for the Lantana Town Center. They are correcting some grading issues on the north end of the site. Excess soil is being transported to Garner Addition where the material is needed. Wet utilities (water, waste water and storm sewer lines) have been completed. A final walk of the public improvements was conducted on April 29<sup>th</sup>. They are nearing completion of correcting the noted deficiencies. Spring Valley has commenced construction of the private improvements including prepping the pad for Kroger. Store opening is currently scheduled for next summer.
- Lane Construction is nearing completion of the reconstruction of FM 407 from Chin Chapel to FM 1830. They still lack some paving at the realignment of the S curve near FM 1830. The northbound lane, north of Rayzor Road has been completed. Both lanes are open to traffic in both directions from Chin Chapel to Hill Top. The second southbound egress lane on Lantana Tail has also been reopened. The entire project is anticipated to be completed by the end of next month.
- We now have 527 customers signed up for ACH, automatic payments for utility billing. To sign up visit the Districts' website at [www.lantanatx.org](http://www.lantanatx.org), click on Utility Bill Payment, and follow the prompts to enter your bank account information. We also have 839 residents utilizing our electronic utility billing option.
- We have issued 1984 building permits in District 6 and 1057 building permits in District 7 for single-family residences through the month of April.
- We currently have 5 building permit applications awaiting review in District 6 and 25 building permit applications awaiting review in District 7. 18 building permit applications for new homes were received in April; and 20 building permit applications for new homes were approved in April.
- We now have 1950 occupied homes in District 6 and 935 occupied homes in District 7 as of April 30<sup>th</sup>. This is an increase of 8 new families for the month of April.
- District 6 activity: 1977 homes have received Foundation Inspections. 1975 homes have received Framing Inspections. 1955 Homes have been completed and received Final Inspections.
- District 7 activity: 1041 homes have received Foundation Inspections. 1026 homes have received Framing Inspections. 949 homes have been completed and received Final Inspections.
- During the month of April, no residential building permits were issued in District 6 and 16 were issued in District 7. 1 foundation inspection was approved in District 6 and 16 were approved in District 7. 5 framing inspections were approved in District 6 and 31 were approved in District 7. 2 final inspections were approved in District 6 and 12 were approved in District 7.

- During the month of April, 9 permits were issued for remodels/additions and 4 swimming pool permits were issued.
- District 6 building permit revenue for the month of April was \$2,106.00.
- District 7 building permit revenue for the month of April was \$170,151.00.
- \$500.00 was received for contractor registration renewals in April.
- Water accountability for the month of April was at 93%. 40,035,000 gallons was pumped into the distribution system and 37,294,400 gallons was accounted for in billings and other uses. Flushing of lines within subdivisions currently under construction is why the accountability is below 95%. 40,035,000 purchased gallons equates to a load factor of 44% of our subscribed capacity.

## WILLIAM T. “DOC” BALLARD AWARD

William T. “Doc” Ballard was one of those people who not only was the consummate professional in his work, but also a mentor to many, and a friend to all. As graduate of the University of Texas at Austin in 1946, and later with a Masters in Engineering from Georgia Tech, “Doc” began his career as a professional engineer with the State Public Health Department. He was assigned to the Tyler District Office and remained in Tyler working for the Department of Health, and later with LaGlonia Oil and Gas. He returned to the Department of Health as regional engineer of the Tyler office until his retirement in 1987. “Doc” was a consultant in water and wastewater treatment until his death in November 1999. Many knew “Doc” from his work with utilities, his many scholarly and practical writings published in a variety of professional publications and his active role with organizations such as AWWA, WEF, WEAT and TWUA. And, he was a Texas Section AWWA Fuller Award Winner in 1991. For all that

“Doc” did, those who knew him best remember him for what he did for others. As a public health professional, he remained committed throughout his long and productive career to helping us in the water profession do our jobs better and more effectively. And, “Doc” did it with a personal touch that made him a great mentor, teacher and welcome friend.

In 1999, the Texas Section AWWA created the W. T. “Doc” Ballard Award to recognize those Texas Section members who have distinguished themselves in our profession by using their personal influence to shape the course of change in our profession by helping utilities and individuals serve the profession better.

This award is not presented every year and only to those whose self-less contributions to the industry, beyond all others, deserves recognition.

## Thomas E. Taylor, P.E.

Tom Taylor graduated with honors from the University of Arkansas with a Bachelor of Science Degree in Civil Engineering. He began his career in the oil fields of Southern Louisiana. Then after a stint in the U.S. Army, started with the City of Dallas. Rising, steadily through the ranks, Mr. Taylor became the youngest department head at the City, serving as head of three different departments. As Director of the Dallas Water Utilities (DWU) from 1980 - 1986, with over 1,800 employees, his responsibilities included water and wastewater services for the City of Dallas and 25 other customer cities. Because of his achievements at the City of Dallas, Mr. Taylor was honored in 1981 as one of the “Top Ten Public Works Leaders in North America” by the American Public Works Association. He was also inducted into the Arkansas Academy of Civil Engineering in 1994, in recognition of his career accomplishments.

Mr. Taylor led the Dallas Water Utilities during a critical and dynamic time of growth. At that time, DWU was developing new / advanced water treatment facilities to meet the requirements of the newly enacted Safe Drinking Water Act. During his tenure with DWU, Mr. Taylor helped shape many of the facilities and policies that are still in place today.

While he was Director, the department evaluated ways to acquire additional water supplies to meet future service area needs along with expanded raw water transmission and treatment capacity necessary to fully utilize any new sources. Mr. Taylor’s actions were essential in concluding the planning phase for Ray Roberts Lake and he personally negotiated the contract with the U.S. Army Corps of Engineers to implement the project. As part of the negotiations, Mr. Taylor is credited with the greenbelt environmental trail

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being developed along the Elm Fork of the Trinity River between Ray Roberts and Lewisville Lakes. In addition to providing watershed protection, this unique preserved natural area is extensively used today by thousands of citizens. Further, Mr. Taylor led the negotiations regarding DWU's acquisition of Lake Fork Reservoir. These two lakes added to the Dallas water supply inventory and have proven to be extremely beneficial to the millions of customers served by DWU, and clearly demonstrate Mr. Taylor's vision and skill as a water resources planner.

In 1986, Mr. Taylor left Dallas Water Utilities for the private sector. While a consultant, he led discussions with the cities and utilities of the Denton County area to address the needs for a regional water system: compliance with water, wastewater and solid waste regulations; and coordinated water supply planning. This planning was the genesis of the Upper Trinity Regional Water District.

The Texas Water Development Board awarded a grant to develop the plan for the new regional utility. By 1988, the plan was complete and legislation was drafted to create an independent water district to serve approximately 30 cities. The Legislature passed the bill and the Governor signed it on June 16, 1989.

Because of the key role he played and the vision he displayed during the planning activities, the community leaders voted to make Mr. Taylor the first Executive Director of the newly formed regional water district.

For 25 years, Mr. Taylor has led the Upper Trinity Regional Water District with a very clear mission: to provide the utility services that its customers need, without having the power of taxation. The District is governed by a Board of Directors appointed by its members and is considered by many to be a model regional agency for the future.

From the beginning, the Denton County area served by the Upper Trinity Regional Water District has seen unprecedented growth. The development of infrastructure began immediately upon creation of the District, and the first regional water treatment plant was placed in service in the summer of 1996. By 1998, the plant was in need of expansion. Today, Upper Trinity's Regional Water Treatment Plant

has a treatment capacity of 70 mgd; and, a second regional plant, the Tom Harpool Water Treatment Plant added an additional 20 mgd of capacity, utilizing membrane technology.

Under Mr. Taylor's leadership, Upper Trinity members, with a shared regional vision, have cooperated to achieve results that could be considered almost impossible for a newly created regional entity:

- Members enjoy a reliable long-term water supply, adequate for the next several years, with additional sources being developed, including proposed Lake Ralph Hall in Fannin County.
- From scratch, in about two decades, a regional water system has been developed that serves over 25 North Texas communities.
- During the same period, Upper Trinity planned and built three regional water reclamation plants that provide wastewater treatment for approximately 16 communities; a fourth water reclamation plant is under construction. These water reclamation plants are part of the Upper Trinity water reuse program and supplement available water resources.
- All of Upper Trinity's facilities were developed without the benefit of tax revenue, impact fees, or State or Federal grants.
- Most recently, TCEQ approved Upper Trinity's water rights permit for Lake Ralph Hall, the first new water supply lake authorized in Texas in almost 30 years.

Throughout his career, Mr. Taylor has been instrumental in shaping and leading the water industry, including serving on the Utility Council for AWWA. He has participated in, and encouraged his staff to be actively involved in professional organizations that support the water profession, and has served as a mentor to his staff. As a result, many of his key staff have gone on to be senior leaders and utility directors for major utilities. Of special distinction, two subordinates were elected to be President of AWWA. Tom Taylor's leadership ensured that both the Dallas Water Utilities and the Upper Trinity Regional Water District became model agencies for others to follow.