Trinity River Authority of Texas

Celebrating

years

1955 - 2015

Enriching the Trinity basin as a resource for Texans

Wastewater • Water • Reservoirs • Recreation

inTRA

Our shared vision

The Trinity River Authority of Texas is an innovative, adaptive leader, enriching the Trinity basin as a resource for Texans.

The TRA mission

The Trinity River Authority's mission is to promote conservation, reclamation, protection and development of the natural resources of the river basin for the benefit of the public.

trinityra.org

In This Issue

Lake Livingston plays host ***to a planned future resource***

Partners: TRA, ETEC, city of Houston

The Trinity River Authority of Texas and the East Texas Electric Cooperative broke ground May 27, 2015 on the R.C. Thomas Hydroelectric Project at Lake Livingston Dam. I had the privilege of being present along with other TRA staff members and more than 100 guests for the kickoff of the project, which has been a long time coming. Speakers at the event included TRA Board Member John Jenkins and Congressman Brian Babin, who represents the Lake Livingston area in the U.S. Congress.

One of the most important projects developed on the Trinity by TRA following its creation by the Texas Legislature in 1955 was the Livingston Reservoir – developed jointly with the city of Houston. And now through its partnership with ETEC and the city of Houston, TRA has been afforded an opportunity to participate in the development of a source of clean, renewable power for the benefit of citizens and the overall economy of the area.

It is important to further recognize that hydropower development was one of the original tasks given to TRA under its powers granted by the state of Texas.

R.C. Thomas Hydroelectric Power Project Groundbreaking Ceremony

See more photos on our website.

General Manager J. Kevin Ward

Work on the hydroelectric project goes back to 2001; the three partners finalized a joint cooperative agreement in 2007. From 2007 to today, ETEC, TRA and Houston have worked together to finalize a multitude of studies, permits and agreements to help ensure the success of this project.

The power plant is expected to be completed in 2018. Once completed, the R.C. Thomas Hydroelectric Project will be one of the lowest environmental impact electric generation projects in the country.

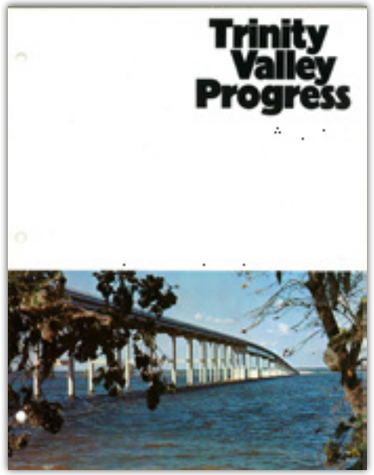
Hydroelectric power will be generated at Lake Livingston Dam using run-of-the-river flows and releases to meet downstream commitments through the dam. Thus, the level of the lake will not be affected, either during construction or operation of the project. The proposed 24-megawatt hydroelectric plant will generate, on average, approximately 124 million kilowatt-hours of electricity a year. That will equal enough energy to serve approximately 12,000 households. The hydroelectric plant also will annually offset approximately 64,000 tons of carbon dioxide emissions from fossil fuel power-generating plants. TRA is proud to be a part of this progressive venture.

Lake Livingston Stats:

- *Lake Livingston Dam, constructed across the Trinity River approximately seven miles southwest of Livingston, is 2.5 miles long.*
- *It is the only dam on the main stem of the Trinity River.*
- *Lake Livingston has no flood control or flood storage capacity — flow through the dam is controlled by 12 tainter gates.*
- *Operation of the dam's spillway mirrors river behavior.*
- *Lake Livingston was funded, built and is operated by TRA under the terms of a 1964 contract with the city of Houston. This contract provides that Houston has water rights to 70 percent of the lake's water supply yield and TRA has the remaining 30 percent.*

Looking Back **on the '70s and '80s**

The editorial below is a testament to the saying, the more things change, the more they stay the same. Conserving our precious natural resources remains a hot topic today.



Editorial - Trinity Valley Progress, August 1971

Water to drink—how wonderful!

In some parts of this, globe natives look upon a water faucet as one of the wonders of the world.

Yet, here in the Trinity Basin—and throughout much of the nation—pure drinking water in un-rationed quantities is commonplace, instantly available, taken for granted, and used freely without a thought that tomorrow could bring a shortage of this precious "staff of life."

Serious water shortages are not unknown in the Trinity Basin. Many recall the sickening sound of water faucets that belched air, but emitted no water, back in those bone-dry '50s.

Water shortages need never again plague the Trinity Basin. But water shortages can come—and will come—if we don't plan ahead with reservoirs and delivery systems that will meet the ever-increasing needs of a burgeoning population.

Water to drink is the greatest single benefit of the Trinity River Master Plan. Without water to drink, there can be no human habitat.

A few years ago the research experts told us that by the year 1980, the Trinity River would have to supply the water required by 37.5 percent of the state's entire population. The forecast is proving to be true. In just nine years—perhaps less—this ratio of Texas water consumers will live in the basin area, which includes the great metropolitan areas of Houston on the south and Dallas-Fort Worth on the north.

What a responsibility! What an opportunity!

Through the promotional efforts of the Trinity Improvement Association, the Corps of Engineers, working with cities and water districts, completed several key reservoirs in the 1950s: Benbrook, Grapevine, Lavon and Garza-Little Elm. The city of Fort Worth and the Tarrant County Water Control & Improvement District No. 1 have been most far-sighted in providing water through construction of Lake Worth, Bridgeport, Eagle Mountain, and Cedar Creek reservoirs.

In 1955 the Texas Legislature created the Trinity River Authority of Texas and directed it to make a master plan for the orderly development of the soil and water resources of the entire Trinity River Basin. That master plan, along with the Corps of Engineers' comprehensive plan approved by Congress in 1965, provided for more reservoirs by determining the location of every feasible reservoir site in the Trinity River Basin. Navarro Mills, Elkhart, Bardwell, Livingston and Ray Hubbard have been built. Wallisville is under construction. Tennessee Colony and Aubrey are being designed. Lakeview has been designed. Several smaller reservoirs can be built when needed.

What is adequate for today is far from adequate for tomorrow. We must, by consistent funding and timely construction, move now to meet the water needs of the future, lest we suffer the tragic fate of a water famine.

Water supply is but one element in Trinity improvement. But no element is more vital to the well-being of several million Texans. Flood control, pollution control, recreation, navigation, soil conservation, wildlife, job opportunities, scenic beauty and preservation of natural areas along the river—all of these things and more—will go to make the Trinity the "most beneficially utilized river in America." It takes public understanding and support. May our water faucets never again run dry. **See the back cover**.

Ron Tamada receives the **George Warren Fuller Award**

Ron Tamada, Northern Region planning & development engineer, is the 2015 recipient of the George Warren Fuller Award, one of the most prestigious awards in the water profession. The award recognizes distinguished service to the water supply field while commemorating the recipient's sound engineering skill, brilliant diplomatic talent and constructive leadership. All of which characterized the life of George Warren Fuller.

Tamada was selected by previous Fuller Award winners who had to keep it a secret until it was revealed at the Texas Water 2015 luncheon, held in Corpus Christi in April. In a unique ceremonial process, the current chair of the Fuller Award Selection Committee of the Texas Section American Water Works Association will call all Fuller Award winners in attendance to assemble in the front of the room. He will then direct the group to begin searching the room for the person known only to the committee members as the 2015 Fuller Awardee.

"TRA staff members were elated when Ron was the person the previous winners gravitated to," commented Fiona Allen, TRA's Northern Region manager. "They could not have chosen a more deserving person." Tamada was also recognized by AWWA in California.

Tim Morgan receives the **Hatfield Award**

The William D. Hatfield Award was presented to **Tim Morgan** to recognize his work as an operator of wastewater treatment plants who demonstrates outstanding performance and professionalism.

Morgan began his TRA career as a maintenance mechanic I at TRA's Ten Mile Creek Regional Wastewater System plant. He has held three other positions prior to his current one as a technical services division chief. When he was an electronic chief, he was responsible for all matters pertaining to the Technical Services Department at TMCRWS, including maintenance of the process control systems, HVAC systems and collection system. While in this position, he was instrumental in designing a new process control system that would eventually monitor or control much of the plant's operations. Morgan also served as the team leader in the first phase of TRA's wireless implementation project that connects more than 130 collection system meters (in the Northern Region operations) to a wireless data management system. As division chief for TRA's pipeline repair and maintenance division, Morgan coordinates maintenance activities related to the collection system pipelines in the Northern Region operations. TRA's Northern Region consists of five regional wastewater treatment plants with more than 350 miles of interceptor with pipe sizes as large as 110 inches in diameter, serving all or part of 30 cities in North Texas.

TX SHOOT-OUT and LABORATORY AWARD

Texas Shoot-out Management Class winner: Collection System Group Manager John Durbin. This win put him among the fastest draws on cutting a piece of 8-inch PVC pipe – with a hand saw.

Laboratory Analyst Excellence Award 2014: Mike Knight, water quality supervisor at the regional lab at Lake Livingston Dam. Knight was unable to attend the 2014 Texas Water event.

Heroism times two, **times two**

Bobby Ray, chief mechanic and **Brad Beeching**, senior mechanic at TRA's Denton Creek Regional Wastewater System responded to a phone call in late October 2014 that the plant's security guard was acting irregularly and appeared to be wiping up blood with a towel. They immediately responded. Upon arriving, they viewed a tremendous amount of blood on the floor of the building and on a towel. They had the guard sit down in his chair; Beeching ran for first aid supplies and personal protective equipment while Ray called 911. When Beeching returned, they began assessing the guard. In addition to the blood on the floor, they noticed that the guard's pants were soaked near his knee, but there was no wound there. The blood was coming from his ankle where he had a laceration about an inch and a half long. Paramedics arrived 15 minutes after the DCRWS team initially responded; they called CareFlite. The paramedics thanked them and told them that they should be proud because they saved a man's life.

For their quick response and actions, Ray and Beeching received the Medal of Honor for Heroism at Texas Water 2015 and the North Central Texas Regional School – Exemplary Service Award for Heroism in April and May, respectively.

The Medal of Honor for Heroism recognizes an individual (or group of individuals) from the state of Texas who demonstrates exceptional courage and bravery in the performance of a single act of heroic behavior involving the water environment industry.

The NCTRS – Exemplary Service Award for Heroism recognizes an individual who has performed an exceptionally humanitarian act, whether on the job or in his private life. A recipient must have demonstrated endurance, civic concern, bravery, courage, nobility, or other traits normally associated with heroism, but not have shown a total disrespect for his own life and safety.

Outstanding Operator **of the Year Award**

Dale Burrow works at TRA's Central Regional Wastewater System as an interceptor system specialist in pretreatment. His work involves identifying and preventing pollutants that can interfere with the operation of TRA's wastewater treatment plants. Pretreatment works to prevent the plants from receiving harmful pollutants that can affect the plants' workers and to help improve opportunities to recycle and reclaim municipal and industrial wastewater sludge at the plants.

Burrow joined the CReWSers Operations Challenge team in 1995 and became team captain in 2004. The CReWSers have had 30 first-place overall finishes in competitions since 1995, and the team is proud that Texas is one of only four states to have ever won first place overall in Division 1 at nationals since the challenge started in 1988. Burrow also was one of four who competed on the Water Environment Federation's first international Operations Challenge team in Buenos Aires, Argentina, in 2012.

COMMUNICATIONS RECEIVES WATERMARK AWARD

Congratulations also go to TRA's communications division for winning a Watermark Award for Communication Excellence for TRA's redesigned newsletter. The first redesigned issue was distributed in the summer of 2014. In line with TRA's 2013-2018 strategic plan and core values, the newly designed newsletter has helped better link employees to the mission and to each other. Positive feedback and responses have been provided verbally, in emails and in notes to staff members.

WASTE WARRIORS • WEAT OPERATIONS CHALLENGE

ELECTRICAL EVENT	1ST PLACE
LABORATORY EVENT	2ND PLACE
SAFETY EVENT	3RD PLACE

TEAM MEMBERS
CLIFF WOODS - ANDREW MOORE - ANDREW ESQUIBEL

The Waste Warriors competed in the Water Environment Association of Texas Operations Challenge, Division 1 at Texas Water 2015, held in Corpus Christi in April. Texas Water is the largest regional water conference in the United States. They received great scores for only the second time the team has competed. Division 1 competition puts them up against teams that have been competing longer.

Congratulations also go to John Bennett the project manager at TRA's Denton Creek Regional Wastewater System for his support of the team.

Next Stop: Later this year, they will be one of the teams representing Texas at the national competition in Chicago.

CReWSers • WEAT Operations Challenge

Process Control Event	1st Place
Laboratory Event	1st Place
Collections Event	1st Place
Safety Event	1st Place

Team Members

David Brown - Steve Price - Jake Burwell
Raudel Juarez - Dale Burrow

The CReWSers team also was the OVERALL FIRST-PLACE winner, Division 1, in the Water Environment Association of Texas Operations Challenge at Texas Water 2015, held in Corpus Christi in April. Texas Water is the largest regional water conference in the United States.

Congratulations also go to Operations Manager Mike Young and Project Manager Bill Tatum at TRA's Central Regional Wastewater System.

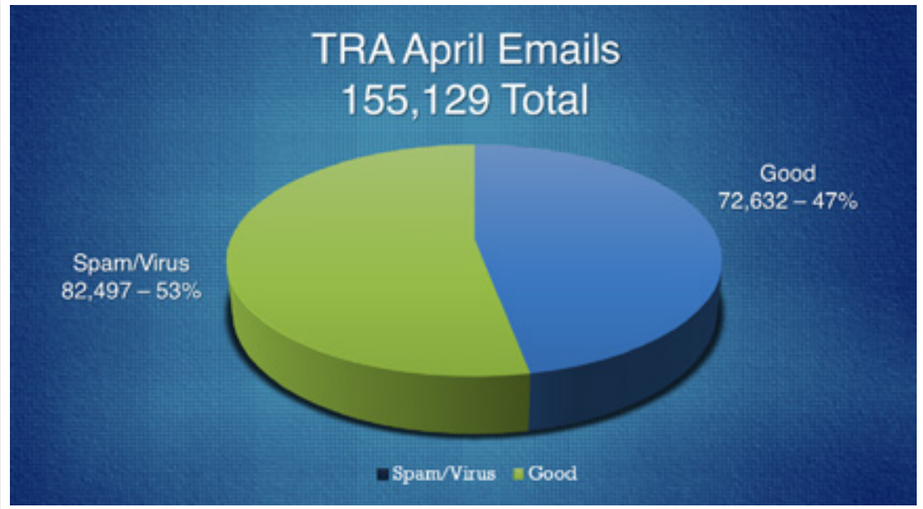
Next Stop: Later this year, they join the Waste Warriors and represent Texas at the national competition in Chicago.

IT INFORMATION TECHNOLOGY

TRA's Information Technology team focuses on email phishing scheme

This is a first in a series of articles that we will provide for security awareness purposes to help keep staff members informed about current threats to our networks and to show staff how they can help IT protect TRA's systems from being compromised.

Below is a chart of how many emails hit the information technology system per month. As you can see, 53 percent are automatically identified as malicious and filtered out before they get to staff members' desktops.



What is Spear Phishing?

You may be familiar with phishing attacks. These are emails sent by cybercriminals to millions of potential victims around the world designed to fool, trick or attack them. Usually, these messages appear to come from a trusted source, such as your bank or someone you may know. The emails often have an urgent message or a deal for you that is simply too good to pass up. If you click on the link in a phishing email you may be taken to a malicious website that attempts to hack into your computer or harvest your username and password. Or perhaps the phishing email may have an infected attachment – if you open the attachment it attempts to infect and take control of your computer. Cybercriminals send these emails to as many people as possible, knowing the more people that receive the email, the more people will likely fall victim.

Even with this protection, some emails still get through because they appear to be legitimate. One of the threats that we face is a spear phishing email.

What follows is an excerpt from a newsletter published by one of the leading computer security firms, the SANS institute.

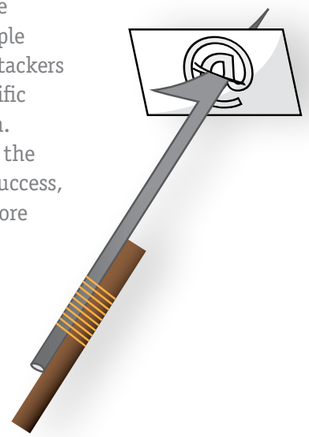
While phishing is effective, a relatively new type of attack has developed called spear phishing. The concept is the same: cyberattackers send emails to their victim, pretending to be an organization or a person the victim trusts. However, unlike traditional phishing emails, spear phishing messages are highly targeted. Instead of sending an email to millions of potential victims, cyber-attackers send spear phishing messages to a very few select individuals, perhaps five or 10 targeted people. Unlike general phishing, with spear phishing the cyber-attackers research their intended targets, such as reading the intended victim's LinkedIn or Facebook accounts or any messages they posted to public blogs or forums. Based on this research, the attackers then create a highly customized email that appears relevant to the intended targets. This way, the individuals are far more likely to fall victim to the attack.

Effectiveness of Spear Phishing

Spear phishing is used when the cyberattacker wants to specifically attack you or your organization. Instead of simple criminals out to steal money, attackers who use spear phishing have very specific goals, usually accessing highly confidential information such as corporate business secrets, plans for sensitive technology or confidential government communications. Or perhaps your organization was targeted simply as a stepping stone to gain access to another organization. Such attackers stand much to gain, and they are willing to invest the time and effort to research their targets.

For example, a foreign government may decide that your organization develops a product or technology that is key to their economic success and they begin to target you. They research your organization's website and identify three key individuals. These attackers then research the LinkedIn, Twitter and Facebook pages of those three individuals and create a complete dossier on them. After analyzing these targeted individuals, the attackers then create a spear phishing email pretending to be a supplier that your organization uses. The email has an attachment pretending to be an invoice, when in reality it is infected. Two of the three targeted individuals are tricked by the spear phishing emails and open the infected attachment, giving the foreign government total access to their computers and, ultimately, all of your organization's product secrets, which they will now produce themselves.

Spear phishing is a far more dangerous threat than simple phishing attacks, as the attackers are crafting an attack specific to you or your organization. Not only does this increase the chances of the attacker's success, but these attacks are far more difficult to detect.



Protecting Yourself

The first step to protecting yourself against these targeted attacks is to understand that you may be a target. After all, you and your organization probably possess sensitive information that someone else might want, or can be used to access another organization that is the attacker's ultimate goal. Once you understand that you could be targeted, take the following precautions to safeguard yourself and your organization:

- Limit the information you post about yourself, such as mail forums, Facebook or LinkedIn. The more personal details you share, the easier it is for cyberattackers to craft a spear phishing email that appears relevant and genuine.
- If an email asks you to open an attachment or click a link that appears suspicious or requests sensitive information, verify the message. If the email appears to come from a company or a person you know, use the contact details you already have on file to contact the sender and verify that they sent you the message.
- Support your organization's security efforts by following the appropriate security policies and making use of the security tools that are available to you, such as antivirus, encryption and patching.
- Remember, technology cannot filter and stop all email attacks, especially spear phishing emails. If an email seems a bit odd at first, read through it carefully. If you are concerned that you may have received a spear phishing email or fallen victim to a spear phishing attack, contact your help desk or information security team immediately.

Protect our water resources, **properly recycle CFL bulbs**

The Trinity River Authority has added a simple-to-use tool for the proper disposal of compact fluorescent light bulbs to its Clean Rivers Program activities. The Clean Rivers Program operates statewide under the Clean Rivers Act, passed by the Texas Legislature in 1991 with the goal of assessing and improving the state's water resources. TRA's CFL box gives people an easy way of collecting their used bulbs and properly disposing/recycling them. Used bulbs are placed in a plastic zip-style bag, and then they are placed in the box. Once it is full, people can recycle the bulbs through their city's hazardous waste collection or by dropping them off at home improvement or similar stores that have a CFL recycling program.

Compact Fluorescent Light Bulbs (CFLs) are energy efficient and can help people save money. These bulbs contain a small amount of mercury. If disposal of the bulbs is not handled properly, mercury can be released into the environment and cause harm.

Toxic effects: Animals that depend on the aquatic ecosystem can be affected by high mercury levels. Mercury can cause deformities in developing animals and reduced reproduction rates. People can be exposed to mercury almost entirely by eating contaminated fish. Human ingestion of mercury can affect a person's immune system, alter genetic and enzyme systems and damage the nervous system.

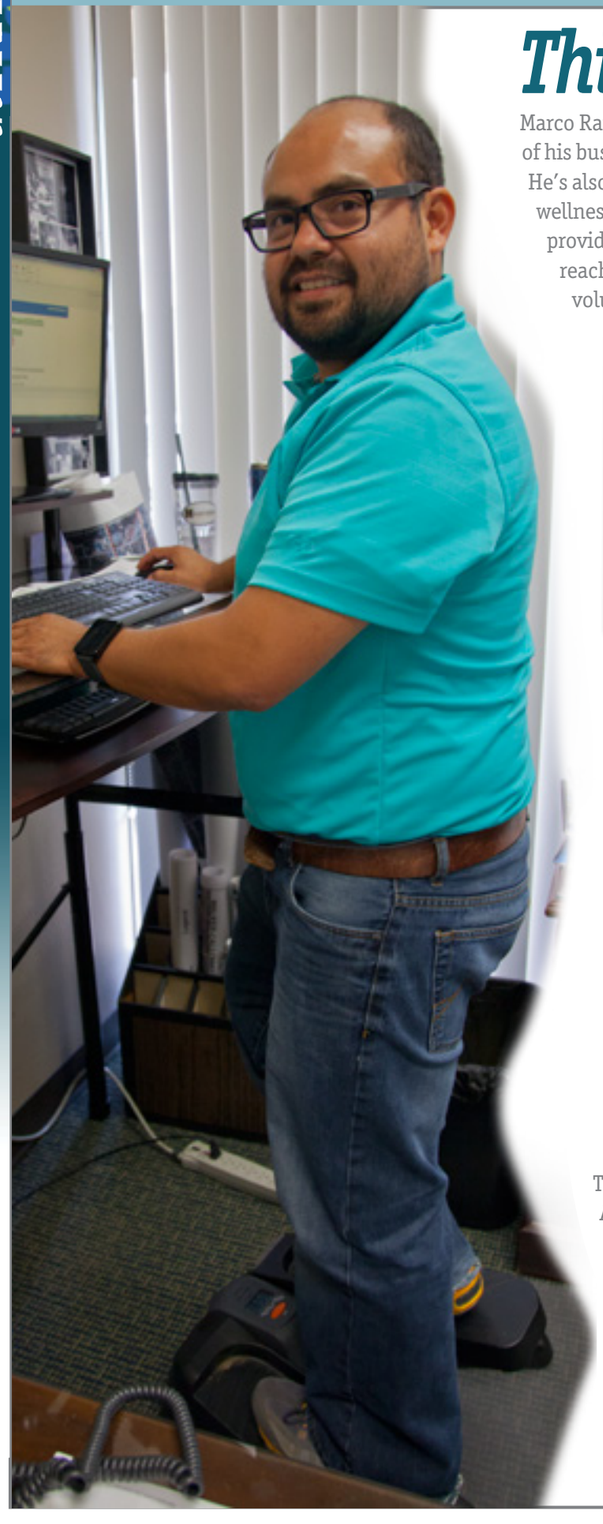
TRA will distribute CFL recycling boxes at outreach events and through some direct activity events. Anyone interested in producing their own boxes for school or business use, may send an email to TRA's communications division: communications@trinityra.org.

To learn more about mercury and CFLs, check out TRA's website: www.trinityra.org.

Celebrating 60 years with an art contest

Sixty looks good on TRA, and to expand the celebration, a poster contest for grades 1-8 (public and private schools) is being planned for the 2015/16 school year. The contest will focus on themes that help reinforce the importance of protecting our water supply from pollution, keeping our wastewater system free of trash and conserving our limited water resources.

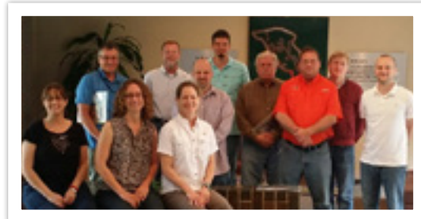
Teachers, students and parents who live and go to school in participating counties need to keep their ears and eyes open for the CALL FOR ENTRIES, which will be distributed in mid-August. Prizes will be awarded, and the winners will have an opportunity to be publicly recognized for their creative efforts. **For a list of participating counties, check our website**.



This is how we do it!

Marco Ramirez, engineer, planning and development handles a lot of his business standing rather than sitting at a traditional desk. He's also using a stepper. His workstation is right in line with TRA's wellness program that kicked off earlier this year. The program provides information, tools and health resources to help employees reach their individual goals. The wellness program is free and voluntary, and it extends to spouses.

TRA staff members from human resources and communications staffed Earth Day booths at Burlington Northern Santa Fe in Fort Worth and Earth Day Texas in Dallas. Planning and environmental services staff members participated in Earth Day activities at the University of Texas at Arlington. Nearly 500 BNSF employees attended the event; the EDT event, where TRA staff spent two days, drew more than 57,000 to its three-day festivities, according to its organizers.



TRA hosted the U.S. Army Corps of Engineers' Planning Associates students in April. Pictured: Seated (left to right) Kim Carsell, Sacramento, Calif., Cindy Tejeda, San Francisco, Calif., Kelly Keefe, Jacksonville, Fla. Standing (left to right) Ed Rossman, Tulsa, Okla., Gene Lilly, Tulsa, Okla., Chris Bouquot, Huntington, W.Va., Jason Smith, Rock Island, Ill., Martin Hudson, Portland, Ore., Danny Allen, Fort Worth, Texas, Greg Kohler, St. Louis, Mo., Daniel Linkowski, Chicago, Ill.

Kim Probasco, operations financial administrator (pictured group photo front row, right) and **Sharon Gattis**, CSS accounting clerk, attended a Spark Ministry mission trip in Houston. They served along with many others to help more than 100 women and 100 children of Star of Hope Mission. Sharon is a veteran of the mission trip and this was Kim's first time to serve.

Luisa Mariana Ramirez, daughter of **Marco Ramirez**, engineer, planning and development, plays on a recreational soccer team that placed first in the tournament of champions. There were 10 teams at different age group levels representing Mansfield, Texas. Luisa's team, Lightning U12 girls, brought the trophy to Mansfield. The team played first-place teams from the cities of Odessa, Granbury, and Arlington.

Bill Smith, manager, development services, and his wife Beth Smith celebrated their 38th wedding anniversary on May 14.

Kyler Chance Park, grandson of **Mark Waters**, manager LLP, and Barbara Waters was born June 3. His proud parents are Chance and Lee Ann Park, Mark's daughter.

Zoraida (Chaheine) Wilthoite, daughter of **Jorge Chaheine**, interceptor system specialist, married Trevor Wilthoite on May 12 in Cancun, Mexico (Riviera Maya).

Mark Hoppe, son of **Julie Hoppe**, human resources supervisor, graduated from the University of Texas at Arlington with a bachelor's degree in business management.

Lauren Mae Boykin, second grandchild of **Susan Davis**, Collection System Group office coordinator, was born on May 18. Susan's daughter Michelle Boykin and her husband David Boykin welcomed Lauren in at 1:51 p.m., weighing 6 pounds 13 ounces and 18.5 inches.

HOT STUFF AWARD

The North Central Texas Emergency Preparedness Regional Hot Stuff Award was bestowed upon **Julie Hunt**, Northern Region assistant manager, operations, to recognize her exceptional contributions to emergency response in our region. Julie received the award and a certificate at the North Central Texas Council of Governments June emergency preparedness and planning meeting.

BIKE ON, TRAcers! The TRAcers are an employee-led cycling group that includes TRA employees, family and friends. Originally imagined in mid-2014, the TRAcers plan to do organized rides for charity, and get-togethers to encourage general wellness, camaraderie, and to just have fun! There is no official membership or participation required.

Participants in the group's first ride, Head for the Hills Cedar Hill Rotary bike ride: (front row, left to right) **Polly Thornton**, biologist; **Melissa Saniuk**, accounting manager; **Alison Mackey**, chief financial officer; **Bill Smith**, manager, development services. Back row: **Hector Garcia**, senior maintenance mechanic; **Gene Paul**, training coordinator; Craig Mackey, Alison's husband. Not pictured: **Don Tucker**, general services manager; **Charles Burns**, information systems analyst; Cara Smith, Bill's daughter; Steve Saniuk and Georgia Saniuk, Melissa's husband and daughter. With distances of 20, 40, and 60 miles, there were riders who participated in all three distances.

WAY TO GO, SOUTHERN REGION

TRA's Southern Region participated in the Polk County Relay for Life of the American Cancer Society. The theme of the event was Relay Around the World. The Southern Region team dressed in outfits that represented Egypt such as mummies, Pharaohs, Nile queens and even a camel. The event raised more than $200,000. TRA's team won Best Camp again this year.

Pictured: From left to right, bottom row: **Jeff Blankenship**, **Darrell Davis**, **Terry Burks** – Pharaoh mummy, **Marie Burns** – camel, **Stacy Rosetta** – Cleopatra, **Sharon Phelps** – mummy, **Chad Holton**, (behind mummy), **Joe Sheets** – Pharaoh, **Doug Morris**, **Mark Waters**. Top row: **Kristie Munoz** – Nile queen, Brooke Munoz (Kristie's daughter) – Nile princess.

SUCCESSFUL STRIPER EVENT

The striped bass collection below Lake Livingston is critical to meeting the objectives of the statewide striped bass and palmetto bass stocking program. Since 1981, the tailrace below Lake Livingston has been the Texas Parks and Wildlife Department's primary source of bass brood stock. In Texas, Lake Texoma is the lake that has a self-sustaining population of striped bass. Every other striped bass and palmetto population is maintained by stocking fingerlings produced at TPWD hatcheries as a result of the brood fish collected below Lake Livingston.

MCCAIN HONORED

The Texas Water Utilities Association honored Sid McCain, project manager at TRA's Tarrant County Water Supply Project, with its North Central Texas Regional Schools – Exemplary Service Award for Education and Training.

The award's selection criteria focuses on individuals who have done an outstanding and consistent job in training water utility operators at the North Central Texas Regional School and the local level for at least five years. Recipients also must be a certified instructor for water, wastewater, laboratory or customer service functions.

In addition to being a Texas Commission on Environmental Quality-certified instructor for basic water works and a 2015 instructor at the North Central Texas Regional School, McCain has been a strong supporter and advocate for the Arlington Independent School District's Water Partnership Program, founded by the city of Arlington, AISD and the Trinity River Authority.

The AISD program provides students an opportunity to learn about the water industry while receiving hands-on work experience. Work experience along with class instruction is intended to help students acquire the knowledge and skills needed to obtain TCEQ licensing. Employers, like TRA, agree to provide a trainer to teach the additional required 20 hours of classroom instruction by a TCEQ-certified instructor so that eligible students can test for their D water license. In 2013, McCain took the lead for TRA as the instructor for the 20-hour TCEQ course. For the past two years he also has employed an AISD student from the program as an intern at the Tarrant County Water Supply Project.

HAPPY ANNIVERSARY TO:

40 YEARS

Ruddie Hudson, senior maintenance mechanic, TMCRWS

35 YEARS

Bill Smith, manager, development services, GO

25 YEARS

Claud Lesly, senior maintenance mechanic - sewer, ROCRWS

20 YEARS

Sharon Gattis, accounting clerk, CSS

15 YEARS

Christopher Gonzales, senior electronics technician, CRWS
Kristie Munoz, office coordinator II, LLP
Peter Raiman, operator I - sewer, CRWS
Rosanne Robertson, senior secretary, GO
Roland Popham, maintenance mechanic - water, LLP
Mark Vallo, operator II - sewer, TMCRWS

10 YEARS

Michael Easley, chief operator - sewer, TMCRWS
Jerry Holland, operator II - water, TCWSP

5 YEARS

Taylor Huynh, manager, human resources, GO

Bill Smith was recognized for 35 years of service

WELCOME TO NEW HIRES:

CRWS

Mary Allen, office coordinator II
James Beck, security guard
Harrell Brown, security guard
Terri Earls, buyer
Lance Hollister, security guard
Buck Starling, intern II
Clifford Williams, security guard

TCWSP

Polly Thornton, biologist - water
Kenneth Tywater, senior operator - water

ITSS

Michael Neal, manager, infrastructure and security

GO

Sophornia Davis, organizational development and training specialist
Trenton Jones, multimedia specialist
Rémy McCool, intern II
Britni West, intern II

HRWSS

Andrew Huffman, part-time maintenance helper
David Morgan, operator I - water

LLP

Tyler Abbey, part-time maintenance helper - water

TMCRWS

Hendrick Spier, maintenance mechanic II - sewer
Billy Meister, operator I - sewer

LRF

Kayla Bice, part-time maintenance helper - recreational

LRWSS

Cyrus Anglin, senior operator - water

CSG

Derek Lopez, collection system technician I

CONGRATULATIONS ON YOUR PROMOTION:

CSS

Keith Stone, inspector II

TCWSP

Kevin Condra, senior maintenance mechanic - water

TMCRWS

Michael Easley, chief operator - sewer

SRSS

Keith Bass, assistant manager

HAPPY TRAILS TO THESE RETIREES:

CRWS

John Nelluvelil, operator I - sewer - 28 years
Priscilla Shaffer, office coordinator II - 25 years

TCWSP

Bonnie Crawford, senior secretary - water - 8 years

Recognitions from Feb. 27 - May 29

Newsletter of the Trinity River Authority of Texas

Trinity River Authority of Texas
P.O. Box 60
Arlington, Texas 76004
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Enriching the Trinity Basin as a Resource for Texans inTRA

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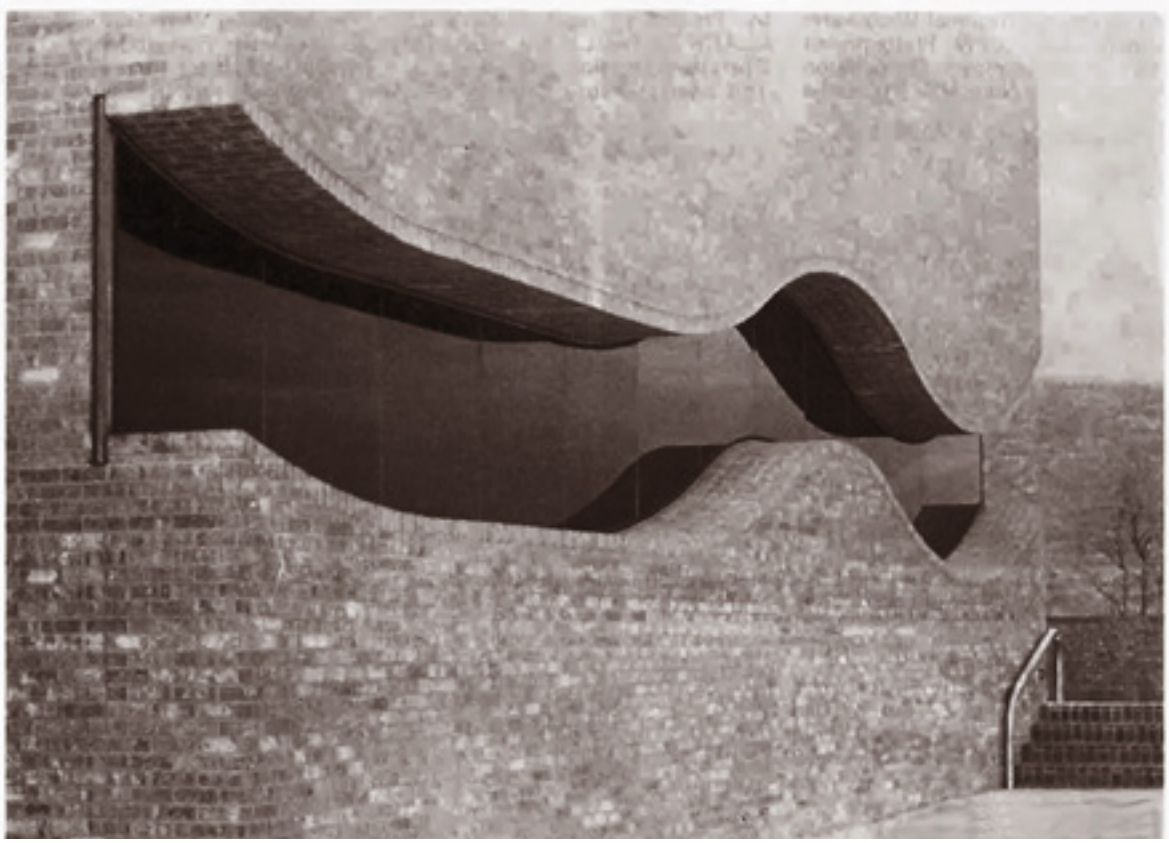

This angle of the TRA building in Arlington was one of several used in the article published in Masonry Design

The TRA building in Arlington was featured in *Masonry Design* an architectural publication that presented the latest and most outstanding of masonry design application. The building's designer, Harwood K. Smith and Partners, Inc., was able to architecturally illustrate the Authority's function as a water management system through the 50-foot curving window and also by the use of brick flooring in the reception area that curves up to form two strategically placed fountains.