

NORTH TEXAS SECTION E-NEWSLETTER

JANUARY 2015—VOLUME 27, NUMBER 1



JANUARY DINNER MEETING

Date: Thursday, January 15, 2015

New Location!

Cowboys Golf Club
1600 Fairway Drive
Grapevine, Texas 76051

Agenda:

5:30 p.m. — Social hour

6:30 p.m. — Dinner

7:00 p.m. — Announcements

7:15 – 8:00 p.m. — Program

Topic: The City of Wichita Falls vs. the Current Texas Drought

Speakers: Daniel Nix, City of Wichita Falls Public Utilities Operations Manager

COST	BEFORE JAN. 12	ON/AFTER JAN. 12
Members and Guests	\$20 (website)	\$25 (door)
Full-Time Students	Free	\$10 (door)

We offer a reduced fee to encourage early payment and registration using our **convenient online payment system**. When registering, please specify your name and company as you wish it to appear on your name tag in the instructions in the buyers' comment area. Checks, cash, and/or credit cards are accepted at the door for post-deadline and walk-in registrations. ***You will receive the discounted rate only if you pay prior to January 12.***

RSVP for at-the-door payment: Mark Perkins at treasurer@weat-nts.org

MEETING DETAILS

In this presentation, Daniel Nix will cover the City of Wichita Falls' Response to the current Drought through

- Lessons learned from the previous drought,
- The conditions that led to the current drought,
- Conservation measures, and
- The decision to pursue DPR.

He will also discuss the City's implementation of direct potable reuse in depth.

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sponsorship options!**

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JANUARY DINNER MEETING (CONT'D)

ABOUT THE PRESENTER

Daniel Nix has worked for the City of Wichita Falls for 28 years, proudly serving as Utilities Operations Manager since 2008. A graduate of Midwestern State University with a B.S. in Environmental Science, he possesses a Grade A Water License and Grade C Wastewater License from the State of Texas. He is also a member of American Water Works Association where he has served on the Texas Section Board since 2000, and the AWWA Coagulation and Filtration Committee (he is currently the Vice Chair of the Texas Section). In addition, he is an active member of the Texas Water Utilities Association, Water Environment Federation, and the American Public Works Association.

In 2013, Daniel was honored as the recipient of the George Warren Fuller Award from the Texas Section of AWWA. He has also authored the award-winning AWWA book *Filter Evaluation Procedures for Granular Media*.

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www.aecom.com

Announcing
the new and improved
WEAT-NTS website!

Check it out!

www.weat-nts.org

LEADERSHIP MESSAGE



MERRY CHRISTMAS AND HAPPY NEW YEAR!

I wish everyone a prosperous new year! This is the time of the year to look ahead and plan new year's resolutions, as well as reflect on the learning opportunities and successes of the previous year. It is with a great pride that I get to inform you of one of the North Texas Section's biggest successes: ***Our new website is online!***

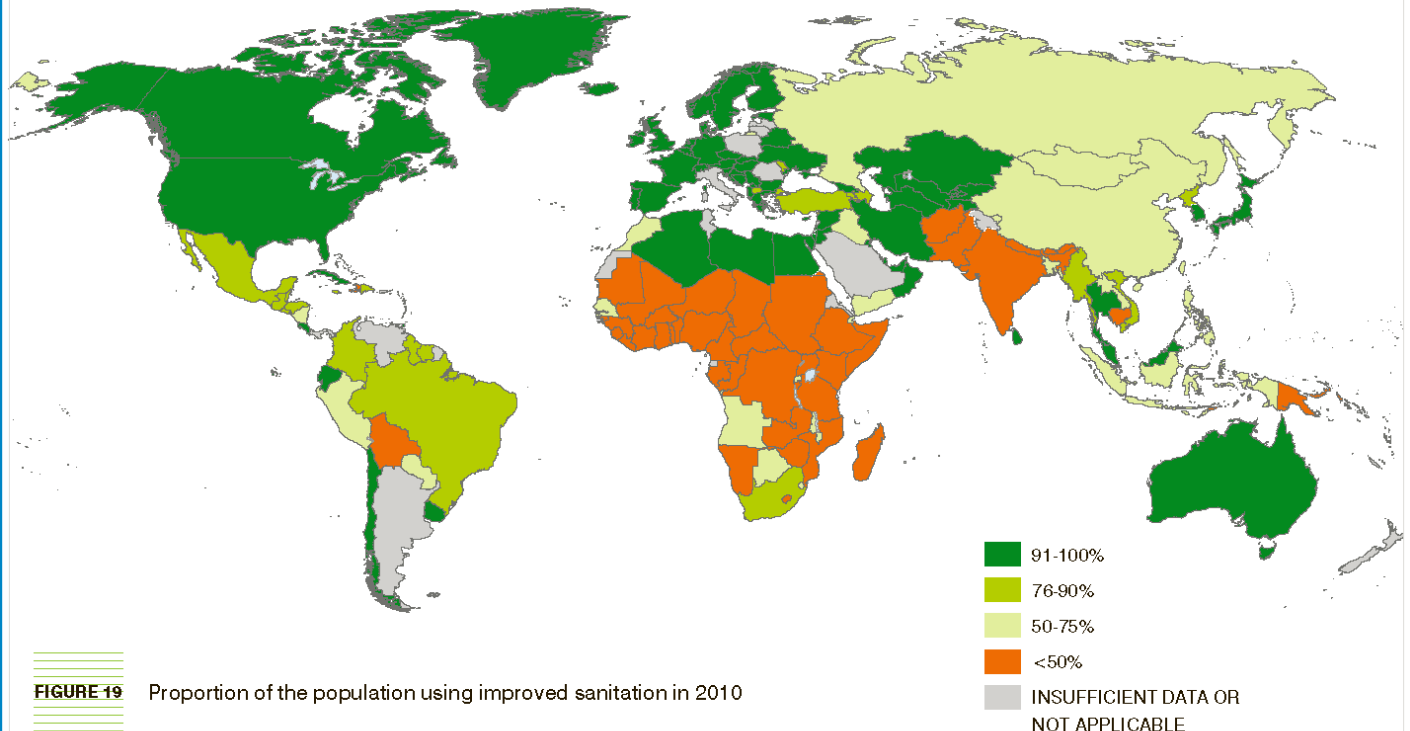
The NTS website received a makeover to bring it up to today's standards. (*The website was as old as the Section!*) I know you will find this website much more useful, easier to navigate, and more pleasing to the eyes. **Please browse it and provide feedback and suggestions.** A special thanks to

members **Dawn Anderson, Holly Ingram, and Lauren Kobzeff** for making this happen! Check it out at www.weat-nts.org.

As you look forward to the new year and create your resolutions, remind yourself that we still have a lot of work to do as an industry. The good news is that **water-related work benefits the economy**. Water.org states that for every \$1 invested in water-related infrastructure, \$4 of economic benefit is developed. However, the bad news is that **there is still a lot of work to be done**.

The map below, sourced from a UNICEF/WHO 2012 Sanitation Update, indicates that a large majority of the world is still without basic sanitation. In fact, this report indicates that **over 2.5 billion people worldwide lack access to basic toilet facilities**. We must all keep marching toward the goal of

In many countries of sub-Saharan Africa and Southern Asia, sanitation coverage is below 50 per cent



LEADERSHIP MESSAGE (CONT'D)

providing clean water and sanitation to the world. This challenge starts right here on your home turf—educate your family, friends, neighbors, and church members on **the real value of water**. When you hear a complaint about the rising cost of a utility bill, remember to teach them about the reasons why the cost uptick occurs.

UPCOMING EVENTS

- ◆ We're looking forward to **Daniel Nix's** presentation about the value of water in Wichita Falls, a reminder that the water struggle is not a world away but right here in our own backyards. Please pre-register on the new website!
- ◆ We have our top-notch February Seminar coming up on February 10! **Fred Holmes** and his team have done an excellent job preparing for this annual event. Registration for this event is now open.
- ◆ Our fundraising committee, led by **Heather Compton**, is preparing for a big event at the 6th Annual Sporting Clays Tournament on March 20 at Elm Fork in Dallas. Registration is now open for this event.

WEAT-NTS MEMBER SPOTLIGHTS

A big thanks goes to **Matt Jalbert** of Kennedy/Jenks for his superior leadership of our scholarship committee. During his five-year tenure as chair

of the committee, Matt has been responsible for growing the scholarship program. His duties include reviewing applications, handling funding, working closely with renewal applicants, keeping up with their school progress, attending NTS Executive Committee meetings, and reporting recommendations to the Executive Committee. During the time that he has served, the scholarship committee has given away thousands of dollars. In 2014 alone, we gave away 21 scholarships—that's \$21,000!



Another big thanks is extended to **Charles Norman**, one of our WEAT YP Committee Chairs, for chairing the recent YP event at Top Golf. Charles coordinated the event, securing donations, food, planning, and attendees for a very successful outing. Thank you, Charles!

Jeff Sober

WEAT-NTS President

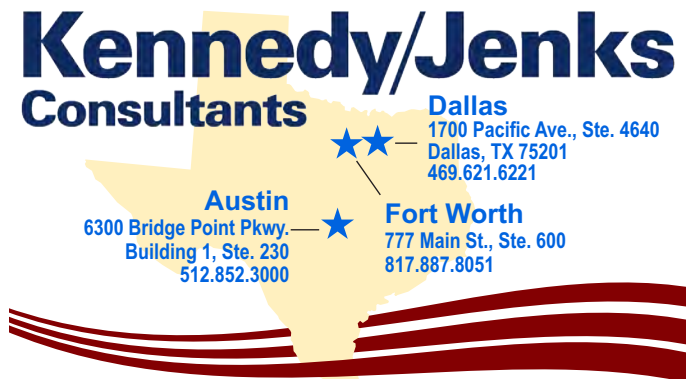
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LEADERSHIP

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* SUPPORT WEAT DINNER MEETINGS! *

WEAT-NTS offers three levels of dinner meeting sponsorship for the July 2014 – June 2015 year, plus multiple individuals sponsorship opportunities. See the details below for how you can support WEAT-NTS for the upcoming year. The sponsorship will allow your firm access to over 500 NTS members and is greatly appreciated.

INDIVIDUAL SPONSORSHIP OPPORTUNITIES

- Fall BBQ Picnic Cook-Off: \$250
- Sporting Clay Station: \$150
- NTS Newsletter Business Card Ad: \$150
- NTS February Seminar: \$300
- Recognition of Other Sponsors includes:
 - ✓ List of sponsors in newsletter announcement
 - ✓ List of sponsors in event reminder e-mails
 - ✓ Sign at event listing each sponsor

CLASSIC SPONSOR

- \$250.00 for one dinner meeting
- Typically five Classic Sponsors per meeting
- Recognition of Classic Sponsors:
 - ✓ Announcement on front page of newsletter (name of firm)
 - ✓ Announcement in meeting reminder e-mails (name of firm)
 - ✓ Sign at meeting listing the sponsors (name of firm)
 - ✓ Verbal recognition of sponsors by President at the beginning of the meeting

GOLD SPONSOR

- \$1,250
- Recognition at **ALL** six meetings (for the price of five)
- Recognition of Gold Sponsor is the same as Classic Sponsor at **ALL** six meetings

PLATINUM SPONSOR

- \$1,850
- Recognition at **ALL** six meetings
- Recognition of Platinum Sponsor is same as Gold Sponsor, plus:
 - ✓ Company name included in newsletter announcement
 - ✓ Company logo included in meeting reminder e-mails
 - ✓ Company logo included in sponsor sign at meeting
 - ✓ Display of digital banner at meeting (if supplied) via PowerPoint
 - ✓ Recognition of Platinum Sponsor by President at the beginning of the meeting
 - ✓ Includes sponsorship of:
 1. February Seminar
 2. WEAT-NTS Scholarship
 3. Daryl Hall Scholarship
 4. Business card ad in the NTS newsletter

If you are interested in supporting the WEAT-NTS organization with a new sponsorship or want to renew an existing sponsorship, please contact:

Mark Perkins

WEAT-NTS Treasurer

E-mail: treasurer@weat-nts.org

Phone: 817.719.0372

To pay by credit card, please visit www.weat-nts.org and utilize our SquareUp option.

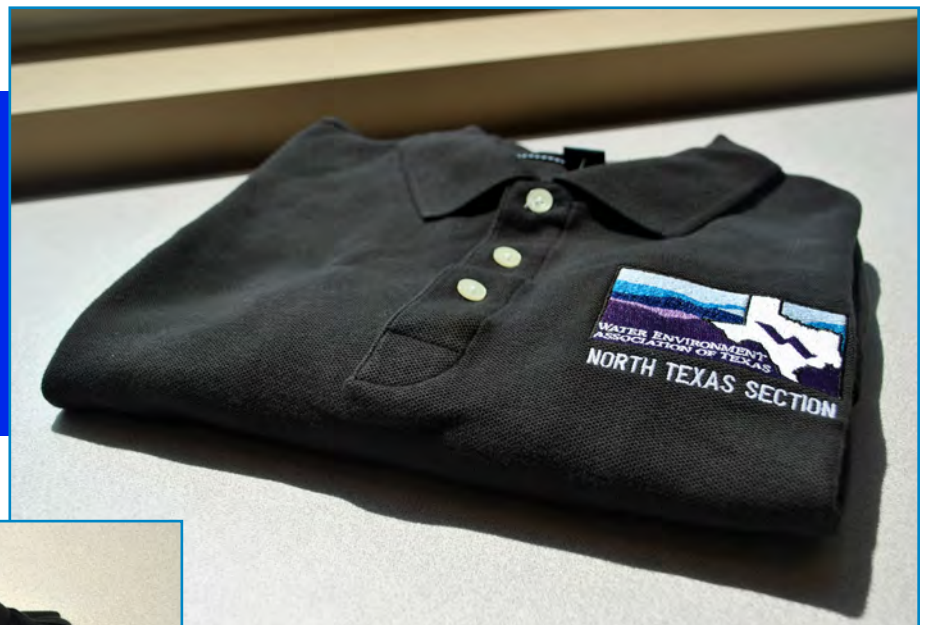
WEAT★NTS shirts For sale★

Show your support for the North Texas Section with this embroidered-logo polo t-shirt! These black Chestnut Hill shirts are available in men's small, medium, large, and extra-large sizes. Each shirt is \$30 and will be available for purchase at the registration table at WEAT-NTS meetings and events. Shirts will be shipped to you or can be picked up at the next meeting.

Shirts can be purchased by **cash**, **check**, or **credit card** (credit transaction can be conducted through WEAT-NTS's online payment system (<https://squareup.com/market/weat-nts>) or over the phone with Treasurer **Mark Perkins**). Checks can also be mailed to the following address:

Mark Perkins
c/o Perkins Engineering Consultants, Inc.
6001 Interstate 20 West, Suite 219
Arlington, Texas 76017

For more information, please contact Mark at mperkins@perkinsconsultants.com or 817.719.0372.



NOVEMBER 2014 DINNER MEETING

The November WEAT-NTS meeting at Texas Star was well attended—we hosted approximately 60 members and guests! Treasurer Mark Perkins presented the annual Treasurer's Report, relaying that the Section is very healthy financially, enabling us to issue over \$20,000 in scholarship payments in September. Attendees were treated to a unique presentation by Frank Crumb (Halff Associates, former Director of Utilities for the City of Fort Worth) and Bob Pence (CEO of Freese & Nichols) entitled "Public Private Partnerships: Are You Ready for the Challenge?" The presentation described the City of Fort Worth's recent exploration of public-private partnership options for management of its utility system, including lease concession of assets, contract operations and maintenance, and strategic outsourcing of specific services.

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Our speakers take questions from the audience with ease and confidence!



Bob Pence (left) and Frank Crumb (right) are presented with speaker appreciation awards by Mark Perkins (center).



Treasurer Mark Perkins (left) presents the annual Treasurer's Report. Past President Buster Fichera (right) recognizes veterans in the audience.

LEGISLATIVE UPDATE

THE STATE WATER PLAN IS OPEN FOR BUSINESS!

Julie Nahrgang, WEAT Executive Director

At the November 6 TWDB board meeting, **the final SWIFT rules were adopted unanimously.** Loan funding for FY15 totals \$800 million, and the TWDB expects to loan \$8 billion during the first decade. The first round of applications opened yesterday and will close February 3, 2015. The “abridged” application should be a fairly short app that the TWDB will prioritize according to the newly adopted criteria. Projects that receive priority for funding will then be asked to submit a full application.

Financing structure/terms for the first round of funding includes one or a combination of the funding types below:

- ◆ **Low-interest loans:** 20–30 years with a 35.5% subsidized interest rate for 20 years loans. 21–30 year loans are also eligible for a subsidized interest rate at a lesser amount.
- ◆ **Deferred loans:** 20–30 year loans where the principal and interest repayments are deferred for up to eight years with a 15% interest reduction for 20-year loans. There is no interest for 21–30 year loans.
- ◆ **Board participation loans:** a structured repayment over 34 years in which the Board will have partial ownership in a project.

The timeline for issuing loans, both ambitious and already ahead of schedule, is as follows:

- **February 3:** Due date for abridged loan apps
- **Spring 2015:** Board will issue invitations for full applications to be submitted based on the prioritization applied to the abridged apps.
- **Summer 2015:** All full applications will have been reviewed and will be brought to the Board for consideration and approval. Bonds will be authorized to fund the program.

- **Fall 2015:** Bond sale commences and closes, and the borrowers close on their loans in an expedited process.

There were some changes made to the adopted rules since the first draft was posted on July 11, 2014. These changes include but are not limited to:

- Definition of agricultural water conservation: “reuse” was removed from the phrase
 - ✓ Agricultural water conservation – Those practices, techniques, or technologies used in agriculture, as defined in Texas Agricultural Code, which will improve the efficiency of the use of water and further water conservation **or reuse** in the state, including but not limited to those programs or projects defined in the Texas Water Code 17.871 – 17.912.
- Definition of reuse: “beneficial” was added
 - ✓ Reuse – The **beneficial** use of groundwater or surface water that has already been beneficially used.
- Definition of water conservation: “reuse” was removed from the definition, essentially decoupling the TWDB understanding of reuse as conservation.
 - ✓ Water Conservation – Those practices, techniques, programs, and technologies that will protect water resources, the consumption of water, reduce the loss or waste of water, **or improve the efficiency in the use of water, or increase the recycling and reuse of water** so that a water supply is made available for future or alternative uses.

A number of changes were made to the points in the state prioritization criteria, including:

LEGISLATIVE UPDATE (CONT'D)

- Applicant has acquired all water rights associated with the project or no water rights are required for the project, 2 **1** points **point**.
- Calculation for demonstrated water conservation savings was changed from “comparing the highest rolling four-year average total gallons per capita per day within the last twenty **thirty** years” to “the average total gallons per capacity per day for the most recent four-year period.”

There were other changes, a number of which were grammatical, but the above alterations are of primary interest to WEAT and TACWA.



Chairman Carlos Rubenstein (front) with (left to right) Director Bech Bruun, Director Kathleen Jackson, Representative Trent Ashby, and Representative Doug Miller (far right) at the SWIFT Press Conference announcing the approval of the SWIFT Rules.



SEMINARS • WORKSHOPS • TRAINING

WEAT E&I COMMITTEE JANUARY SEMINAR

The WEAT E&I Committee will be sponsoring its next technical seminar on Wednesday, January 21. This session is tailored towards the typical software testing we do on control systems such as factory testing, field demonstration testing, and site availability demonstrations. Speakers will be representing a system owner, a consulting engineer, and a systems integrator.

- **Date:** Wednesday, January 21, 2015
- **Time:** 9:00 a.m. – 12:00 p.m.
 - ✓ Meet & Greet begins at 8:30 a.m.
- **Location:** Siemens Industry, Inc.
600 Six Flags Drive, Suite 400
Arlington, Texas 76011

Upon arrival, we will have a donation jar for Water For People. This will be an ongoing effort, and it will continue to be entirely voluntary. Plans are to donate 100% of the amount collected to charity. As you know, we have not charged—nor do we plan to begin charging—any fee for participation in these seminars. This opportunity to make a totally voluntary charitable donation is intended to make a difference, so your generosity is appreciated.

Contact: George Luke at gluke@gaiconsulting.com

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The image shows the HDR Solutions logo, which includes the word "Solutions" in a large, stylized font over a background of industrial water treatment tanks. Below the logo is a list of cities and their corresponding phone numbers.

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FOR THE WEAT
STUDENT CHAPTERS



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ANNOUNCEMENTS

CONGRATULATIONS TO THE WEFTEC 2014 GRADUATES!

Congratulations to our North Texas Section Water Environment Federation Water Leadership Institute graduates! This fine group of folks was honored last fall at WEFTEC 2014 in New Orleans.



SIGNATURE AUTOMATION WELCOMES HASAN ZAMAN

Hasan Zaman recently joined Signature Automation, LLC, to help oversee electrical (low voltage) and I&C design related projects. Hasan brings over 40 years of systems integration and electrical/I&C design experience. Throughout his career, he has provided engineering support and project management to various industries inclusive



of water/wastewater and transportation. His experience includes electrical/instrumentation design, control application engineering and programming, panel design, system start-up, and project management. In addition to his extensive design experience, Hasan has managed, supervised, and performed the gamut of electrical/I&C-related services, from conceptual planning to final system commissioning.

JUSTIN RACKLEY JOINS CDM SMITH

CDM Smith is proud to announce that **Justin Rackley** has joined the firm as a project manager in their Dallas office. Justin graduated in 2004 with a B.S. Degree in Civil Engineering from Texas A&M University and has spent 11 years working as a designer and project manager on large-scale treatment and conveyance projects in the Dallas / Fort Worth area.

JENNIFER HENKE RETURNS TO DFW

Jennifer Henke has recently returned to the DFW office after spending nine years in the Seattle office. Jennifer started with CH2M HILL in 1997 in their Austin office and moved to the Dallas office in 1998. While in the Pacific Northwest, Jennifer was an Operations Leader in the Seattle office and supported hydraulic modeling projects from Florida to Alaska as well as international locations like South Korea. Jennifer is a Texan at heart (she kept her season tickets to Texas Longhorn football games for the entire time she lived in Seattle!). Jennifer and her husband Brian (Kassa) plan to live in Keller and are looking forward to reconnecting with old friends and rediscovering the Dallas and Fort Worth areas.





ANNOUNCEMENTS

DALLAS WATER UTILITIES RECEIVES ACEC AWARD FOR NEW INFLUENT PUMP STATION

The new influent pump station (IPS) for the Dallas Water Utilities (DWU) Central Wastewater Treatment Plant has been honored with a silver medal by the ACEC Texas 2015 Engineering Excellence Awards. This is the largest-capacity, deepest-set vertical turbine solids handling (VTSH) pump station in the United States. The award will be presented in Austin at the ACEC Annual Meeting in March.

The IPS, a \$49 million project, transforms the City's wastewater pumping capabilities for both average daily flow management and peak wet-

weather flows. The IPS has six VTSH pumps within two trench-type wet wells, with spare slots for two additional future pumps. With the future addition, the 335-MGD pumping capacity can expand to 425 MGD. A new coarse screening facility, biofilters, and electrical building were also constructed to support the pump station.

WEAT-NTS is planning a tour of the IPS as part of the May 2015 dinner meeting. Freese and Nichols and DWU staff will present on the IPS.

SUBMIT A NEWSLETTER ANNOUNCEMENT!

The WEAT-NTS newsletter is circulated six times a year to 500 water environment professionals, treatment plant technicians, public officials, regulatory agency personnel, manufacturers, and individuals in the North Texas area. We welcome relevant announcements and news items for future newsletters.

SUBMITTAL GUIDELINES

- You may submit relevant news items such as new hires and acquisitions, project awards and recognition, and other relevant news announcements.
- Announcements should be broadly relevant to the WEAT-NTS membership and the North Texas community.
- We will not accept promotional materials or commercial advertising.
- The Electronic Communications committee will edit announcements for brevity, clarity, and suitability.
- The WEAT-NTS Executive Committee reserves the right to reject all submissions deemed unsuitable.



OPERATIONS CORNER

WEAT: WHAT DO WE MAKE OF THIS?

By Jerry Pressley, Superintendent of Operations and Maintenance, Fort Worth Water Department, Village Creek Water Reclamation Facility, and newly-appointed WEAT-NTS PWO Chair

OK, so, I didn't hear much after my last article soliciting input from operators on how to grow participation in WEAT—nor were any ideas put forth on enhancing awareness of and appreciation for professional operators.

So, what am I to infer?

- A. Operators don't read these articles.
- B. Operators read the articles, but chose to not respond.
- C. Operators read the articles and chose to respond but were abducted by invaders from another planet before being able to reply.

(I was a huge *X-Files* fan back in the day, and for other reasons that I'm not at liberty to discuss, let's just say I was convinced the answer was "C.")

After an intensive investigation and the interrogation of a "smoking man" that would make Agents Mulder and Scully proud, evidence seemed to be pointing toward a healthy dose of both "A" and "B." I know, I know; that wasn't a choice. *But choosing from one of the available options is just what "they" would expect me to do...*

Anyway, a number of operators were subsequently probed, and here is what I found:

- Most operators aren't members of WEAT and/or WEF and don't get included in invitations, e-mails, or newsletters on a regular basis.
- The "return" on time invested doesn't seem to be worth the expense.

Before we WEATies get all defensive, remember, I am just the investigator/reporter, and the good news is that ***we can do some things to address these perceived barriers to organizational involvement.***

In framing the challenge, it is important to know that many utilities do not reimburse the cost of professional memberships or expenses associated with attending organizational functions. These are out-of-pocket expenses for operators, most of whom are hourly employees with limited resources. Many haven't come to realize the personal and professional benefits of organizations such as WEAT. From a pragmatic standpoint, the 30 minutes or hour of operator credit received for a four-hour (nominal) investment in time (when you factor in travel, networking, dinner, and the actual presentation) just doesn't "money out" when the operators are doing this on their own dime—especially when most operators get their requisite continuing education hours paid for while they are "on the clock" and by attending formal operator training classes.

This is a very real barrier for which there is an opportunity for our management teams to try and better fund organizational involvement and professional development as budgets and finances improve. Something that may assist is the fact that **WEAT/WEF offers a Professional Wastewater Operator membership that is almost half the rack rate. Check it out!**

Also, it is important for operators to keep up with current issues and trends, establish relationships with other working professionals, encourage and participate in opportunities for sharing ideas, networking, and even to build on our leadership and communication skills. This doesn't happen in most TCEQ-approved classes with prescribed curriculum. *WEAT fills that gap.*

On the practical side, we can do a better job getting the message out about meetings and other happenings—particularly for non-members.

OPERATIONS CORNER (CONT'D)

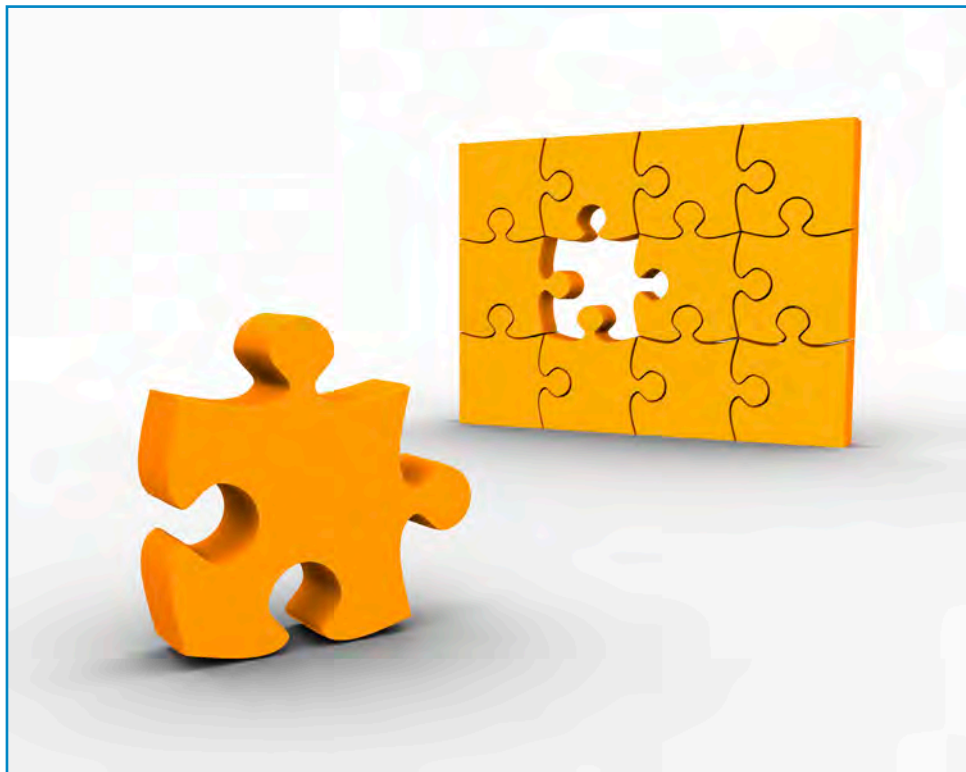
Forwarding e-mails, invites, and newsletters is a good start. Printing out meeting notices and posting them on bulletin boards in areas where operators congregate is easy enough, particularly if we haven't done these things in the past. One person also suggested that we have a "mailing list" to which non-members can subscribe to receive notices and links to electronic newsletters. Maybe we already do this as an organization, but out of 30 operators at Village Creek, only a couple have a good understanding of what WEAT is, and a few know the organization only as a benefactor for the Operations Challenge.

As PWO, I plan to include a few things in upcoming meetings and newsletters that deal directly with

challenges that operators face, and, hopefully, we can give them something they can use back at their plants in hopes that relevance to daily activities can contribute to the perceived value.

In the meantime, *I will be proposing a budget on behalf of the PWO committee that will fund up to two operators to participate in each of the dinner meetings in 2015.* Perhaps there will be opportunities to extend scholarships to a few participants at the upcoming February Seminar, or even cover the cost of a WEAT/WEF membership or two down the road.

WHAT ARE YOUR THOUGHTS?



PUBLIC EDUCATION

UPCOMING EVENTS

CAST CONFERENCE

We had another successful year at the CAST 2014 CSI Unit: Creating STEM Inquiry Conference! We had over 20 volunteers at the joint WEAT/AWWA/EPA exhibit booth. The conference is for the advancement of science teachers and was attended by K-12 science teachers from throughout the State of Texas to find new ideas to bring back to their science class rooms. The team handed out information on water treatment plants, the water cycle story, water conservation, and common algae found in our water supply. **Next year's CAST conference will be in Fort Worth, and the North Texas Section will be coordinating WEAT volunteers again.** This was a really fun event, and there were a lot of interesting exhibits. You don't want to miss this next year! Contact Amy Robinson at robinsonar@cdmsmith.com or at 817.916.2927.

FUTURE CITY PROGRAM

The North Texas Future City Competition will be held January 31, and the North Texas Section has sponsored a special award. **We need volunteers to judge the award and work the exhibit table we will display during the competition** to provide students, teachers, media, and visiting public with information about our organization and our profession. Please contact Amy Robinson at robinsonar@cdmsmith.com or at 817.916.2927 to volunteer.

DALLAS / FORT WORTH REGIONAL SCIENCE FAIRS

The Dallas/Fort Worth Regional Science Fairs are coming up, and **we need volunteers to judge the WEAT/AWWA Special Award projects.** The Dallas Science Fair is on February 21 and the Fort Worth Science Fair is on February 23. Please contact Amy Robinson at robinsonar@cdmsmith.com or at 817.916.2927 to volunteer.

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The 2014 Fantasy Football Season kicked off with 12 TEAMS signing up in the 1st ever WEAT / AWWA NTS YPs Fantasy Football League!!!!!! With 6 more games to play before PLAYOFFS begin, the competition is sure to heat up! Entry was \$25 per team, allowing the total prize to be \$300 which will be split between the League's Champion and the YPs Social Events Fund!

EAST Division CURRENT STANDINGS

TEAM	RECORD
Team Ged (Evan Ged / CH2MHILL)	6-1
Dallas Beats by Ray (Kory Peterson / RAMA Enterprises)	5-2
Odessa Pumps (Jonathan Gaffney / Odessa Pumps)	4-3
Pump Solutions (Charles Norman / Pump Solutions)	3-4
Team Simple Man (Jacob Niemeier / GarzaBury)	2-5
DFW Western Summit (Jeff McCord / Western Summit Constructors)	1-6

WEST Division CURRENT STANDINGS

TEAM	RECORD
Dallas CPYI_2 (Pawan Gunjur / CP&Y)	5-2
Team Landes (Nicholas Landes / Freese & Nichols)	4-3
Winston's Warriors (Matt Dobbertien / Carollo)	4-3
Team Acosta (Antonio Acosta / Pump Solutions)	3-4
Dallas CPYI_1 (Dario Sanchez / CP&Y)	3-4
Team Jacobs (Grace Wike / Jacobs)	2-5

OF NOTE...

SIGN UP FOR E-MAIL NOTICES

E-mail weatnts@weat-nts.org to be added to the distribution list.

Notices will go out well in advance of the meetings and also serve to notify you of events and changes. You will receive about three e-mails every month.

Should you wish to unsubscribe, please send a request to weatnts@weat-nts.org.

ONLINE PAYMENT AVAILABLE

WEAT-NTS sponsors and dinner meeting attendees can pay online at www.weat-nts.org!

Companies and individuals can sponsor dinner meetings and/or the newsletter or donate to scholarship funds at the WEAT-NTS website.

Members can register early for dinner meetings and take advantage of “earlybird” reduced fees by paying online.

WEAT-NTS CALENDAR OF EVENTS

EVENT	DATE	LOCATION	TOPIC
WEAT-NTS January Dinner Meeting	January 15, 2015	Cowboys Golf Club – Grapevine	Potable Reuse
2015 February Seminar	February 10, 2015	CityPlace – Dallas	Resource Recovery in Wastewater Treatment
WEAT-NTS March Dinner Meeting	March 19, 2015	TBD	Tentative: TCEQ Updates
Sporting Clays Tournament	March 20, 2015	Elm Fork Shooting Range – Dallas	Pew! Pew! Pew!
WEAT-NTS May Dinner Meeting	May 21, 2015	TBD	DWU Central IPS
WEAT-NTS July Dinner Meeting	July 16, 2015	TBD	Trinity Compact

The 2015 February Seminar: Resource Recovery in Wastewater Treatment



Tuesday, February 10, 2015
CityPlace Conference & Event Center
2711 North Haskell Avenue
Dallas, Texas 75204

Proudly Presented By



Seminar Program

7:30 a.m.	Registration and Continental Breakfast	
8:30 a.m.	Welcome and Opening Remarks: Fred Holmes, Hazen and Sawyer	
8:45 a.m.	EARTH	WHO'S AFRAID OF THERMAL HYDROLYSIS PLANTS? Lessons Learned from Recent Thermal Hydrolysis Plants' Start-Up and Commissioning Terry Goss, AECOM Mohammad Abu-Orf, AECOM
9:15 a.m.		ENERGY CONFIDENTIAL Energy and Phosphorus Recovery: Making the Business Case Ron Latimer, P.E., Hazen and Sawyer Scott Hardy, Hazen and Sawyer
9:45 a.m.		IT CO-DIGESTED ONE NIGHT Unintended Consequences and Optimization of Co-Digestion Ganesh Rajagopalan, Ph.D., Kennedy/Jenks Consultants Matthew Jalbert, P.E., Kennedy/Jenks Consultants
10:15 a.m.	EARTH	NUTRIENTS ATTACK! Nutrients Everywhere: How the City of Denton Approached a New Discharge Requirement P. S. Arora, City of Denton Al Sun, CDM Smith
10:45 a.m.		BREAK
11:00 a.m.	PANEL DISCUSSION: The Future of Resource Recovery in Wastewater Treatment: Opportunities and Challenges Leonard Ripley, Freese and Nichols, Inc. Sherri van der Wege, TRA Richard Wagner, DWU Julian Sandino, CH2M HILL Surendra Thakral, Parsons Corporation	
11:45 a.m.	LUNCH (Door Prizes)	
12:45 p.m.	WATER	SOME LIKE IT POTABLE Potable Reuse in Texas: A Regulatory Update David Simons, TCEQ
1:15 p.m.		RAIDERS OF THE LOST REGULATIONS Paving a Path to Potable Reuse: Flexible Treatment for Undefined Regulations Kyle Kruger, Garver
1:45 p.m.		THE MALTESE RESOURCE Nutrient-Enriched Reclaimed Water: A Resource Recovery Solution Don Vandertulip, ARCADIS
2:15 p.m.	BREAK	
2:30 p.m.	AIR & FIRE	A STREETCAR NAMED CLEAN METHANE Offsetting Fuel Purchases Through Clean Methane Production Rudy E. Kilian, Carollo Toshio Shimada, PhD., Carollo
3:00 p.m.		THE GOOD, THE BAD, AND THE ODOR Trade-Offs Between Odor Control and Energy Efficiency Jeff Caffey, APAI
3:30 p.m.		ALL NEUTRAL ON THE ENERGY FRONT Village Creek Water Reclamation Facility: Flying Toward Energy Neutrality Buster Fichera, City of Fort Worth Water Department
4:00 p.m.	Closing Comments	
4:15 p.m.	End	



Friday, March 20, 2015
7:30 a.m. to early afternoon

Elm Fork Shooting Range, Dallas, Texas
Benefiting the WEAT-NTS Scholarship Fund

EVENT DETAILS

The 6th Annual WEAT-NTS Sporting Clays Event will be filled with food, fun, and good old-fashioned competition between friends. Proceeds will benefit the WEAT-NTS Scholarship Fund.

- Suitable for experienced and inexperienced shooters
- Bring your own equipment or rent at the range
- 100 clay targets per participant
- Shells sold separate from registration
- Mulligans or do-overs available for \$5 each and can be purchased on site
- Eye and ear protection available upon request
- 12 stations, each with two automatic target throwers
- Four shooters per team. Individuals not on a team will be assigned a team at the event
- Golf carts provided
- Barbecue lunch and drinks provided
- Event will be rescheduled only if heavy storms occur
- Shooters age 14 and younger will be accompanied by an adult

PRIZES

Prizes will be awarded to first, second, and third place teams as well as first, second, and third place individuals. Door prize drawings during lunch.

Additional prizes for:

- Most honest team score
- Most honest individual score
- Top female shooter
- Sponsorship recognition award
- Most improved

RULES

For the safety of shooters and bystanders:

- Each station will have a WEAT-NTS volunteer to oversee activities
- Eye and ear protection is mandatory
- Gun breech or actions must be open to show gun is unloaded at all times unless in the cage and ready to fire
- Never load gun until in the cage and ready to fire
- Never load more than two shells in a gun
- No shot size larger than 7-1/2s (7-1/2s, 8s and 9s only)
- Guns must have full stock and minimum 21-inch barrel
- Alcohol is prohibited
- Waiver forms will be required at check-in

Questions or volunteer opportunities contact:

Heather Compton at 214-619-9014 or
HACompton@GarverUSA.com

WHAT IS SPORTING CLAYS?

Sporting clays is "golf with a shotgun." It is a form of clay pigeon shooting that involves shooting clay targets at multiple locations (stations). Sporting clays targets are thrown in a great variety of trajectories, elevations, and distances. Targets can come through the trees, over your head, left to right, right to left, in any path a real bird might take. The stations are designed to be unpredictable and challenging for the shooter.

Each station has two clay-throwing machines. Targets are thrown in pairs. The number of clay pairs will vary from station to station. The types of pairs will also vary.

Some stations will be "report pairs" (the second target is launched on the report of the shooter's gun) and others will be "true pairs" (the two targets are thrown simultaneously).

Scoring is simple. Your team will receive one scoring card per shooter, with individual scoring based on 100 shots. For every target you break, the scorer will mark an X in the blank provided; if you miss, you mark an O. The number and type of pairs will vary by station. The high score is determined by the total sum of targets hit.

Registration Form

My team wishes to participate as follows:

Deluxe Package

includes packaged sponsorship, 4 shooter fees, 4 ammo(Qty. __20 gauge, Qty. __12 gauge) and 4 raffle tickets (PAID before 3/1/15)

Price	No.	Total
\$890	___	\$ ___

Registration Fee for Shooters

includes breakfast, lunch, and giveaways

Shooter's fee (PAID registration before 3/1/15)

Shooter's fee (PAID registration after 3/1/15)

Price	No.	Total
\$105	___	\$ ___
\$115	___	\$ ___

Ammunition (100 rounds)

12 gauge

20 gauge

\$35	___	\$ ___
\$35	___	\$ ___

Optional Items

Lunch tickets (non-shooters only)

Mulligan (do-over)

Eye and ear protection

Raffle ticket available on site. No limit on tickets.

\$20	___	\$ ___
\$5	___	\$ ___
\$0	___	\$ ___
\$20	___	\$ ___

Event Sponsorship

Stations sponsorship: Sign at a station

Event sponsorship: Sign at meeting/lunch area

Packaged Sponsorship: Sign at station and lunch area

\$150	___	\$ ___
\$150	___	\$ ___
\$250	___	\$ ___

Save \$50!

Total Amount Due

\$ ___

I will mail my check
 Make checks out to: WEAT-NTS
 Attn: Heather Compton
 3010 Gaylord Parkway Ste 190
 Frisco, Texas 75034

I will pay with credit card by
www.WEAT-NTS.com (click here)

Email your registration form to
HACompton@GarverUSA.com

Team Name: _____
 Main Contact: _____
 Phone Number: _____

Shooter 1: _____
 email: _____

Shooter 3: _____
 email: _____

Shooter 2: _____
 email: _____

Shooter 4: _____
 email: _____

DIRECTIONS

FROM DOWNTOWN DALLAS

Head west on Main Street toward S. Field Street
 Take the second right onto North Griffin Street
 Take the first left onto Elm Street
 Take the ramp onto I-35E N
 Take Exit 436 for TX-12 Loop/TX-348 Spur/ NW Hwy
 Keep left at the fork, follow signs for Texas 12 Loop E
 Turn left onto TX-12 Loop W/TX-348 Spur W
 Turn right onto Access Road
 Turn right to stay on Access Road
 Take the first left onto Luna Road
 Turn left, destination will be on the right



Registration Deadline
 Friday, March 13th

On-site registration will be
 accepted as long as
 space is available.
www.weat-nts.org

WEAT-NTS CONTACTS

OFFICER	NAME	PHONE	E-MAIL
President	Jeff Sober	972.377.7480	jlsobor@garverusa.com
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Vice President	Brigit Buff	972.533.2499	brigit.buff@ch2m.com
Treasurer	Mark Perkins	817.719.0372	treasurer@weat-nts.org
Secretary	Jennifer McKnight	817.403.2376	jmcknight@tcmud.org
Past President	Buster Fichera	817.392.4978	buster.fichera@fortworthgov.org
Section Rep	Erin Flanagan	214.217.2261	ecf@freese.com
Past Section Rep	Darryl Corbin	972.239.9949	dcorbin@carollo.com

COMMITTEE	CHAIR	PHONE	E-MAIL
Audit	Buster Fichera	817.392.4978	buster.fichera@fortworthgov.org
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Photography	Malcolm Cowdin	972.262.5186	cowdinm@trinityra.org
Programs	Eva Gorgi	214.671.2804	eva.gorgi@dallascityhall.com
Public Education / Science Fair	Amy Robinson	817.332.8727	robinsonar@cdmsmith.com
Scholarship Fund	Matt Jalbert	817.887.8051	matthewjalbert@kennedyjenks.com
Seminar	Fred Holmes	817.8720.2630	fholmes@hazenandsawyer.com
Website	Holly Ingram	817.806.1750	holly.ingram369@verizon.net
Young Professionals – Dallas	Grace Wike	214.583.8501	grace.wike@jacobs.com
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	Wesley Tait	817.806.1718	wtait@apaienv.com