



# WATER ENVIRONMENT ASSOCIATION OF TEXAS

Preserving & Enhancing the Water Environment of Texas

Central Texas Section

November 2015

**Central Texas WEAT Presents:**

## **“Trouble Brewing Between Historic Buildings in Downtown Austin – Managing Aging Infrastructure in the Urban Core”**

**Greg Kirton, PE**

**Tuesday, November 17, 2015 at 6:00 p.m.**

Like most major US cities, Austin faces complex challenges of managing finite assets despite growing demand and with aging infrastructure in the urban core area. With the increase in development, and greater population in urban areas, additional demand is placed on infrastructure thereby increasing the importance of managing and maintaining these assets to ensure 100% reliability all while keeping a commitment to the welfare of the public and the environment.

In the 2013 Report Card for America’s Infrastructure, the American Society of Civil Engineers (ASCE) listed America’s wastewater infrastructure as a D (Poor). The report cited pipes representing the largest capital need, comprising three quarters of total needs. Fixing and expanding the pipes will address sanitary sewer overflows, combined sewer overflows, and other pipe-related issues.

Unbeknownst to the majority of Austinite’s listening to live music on 6th Street, significant problems were identified with the City’s wastewater infrastructure when a routine cleaning and inspection revealed a section of collapsed clay wastewater main originally installed back in the 1930s. As soon as these problems were identified, the Austin Water Utility diligently worked to develop a scope of work to rehabilitate or replace these failing wastewater mains. This presentation describes the City of Austin’s proactive response to resolve the issue and prevent a major sanitary sewer overflow in a highly visible area of downtown Austin.

Greg Kirton, PE is an engineer at the City of Austin with the Austin Water Utility in the Collection System Engineering Department where he currently manages the Wastewater Line Relay and Spot Repair IDIQ Contract. A native of Tennessee, Mr. Kirton graduated from the University of Tennessee at Chattanooga, with a Bachelor of Science in chemical engineering. Mr. Kirton is a licensed professional civil engineer in Texas, California, and Florida.

### MEETING INFORMATION

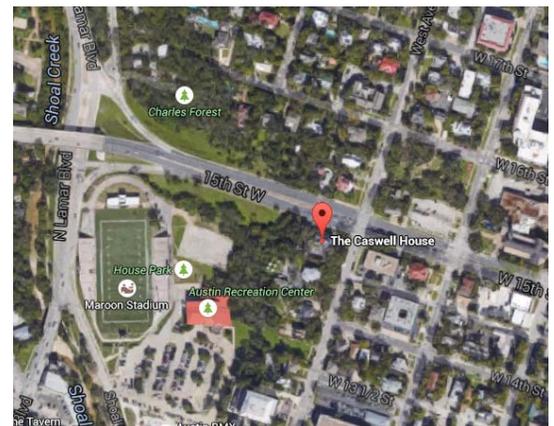
Please RSVP by contacting **Jason Bybel** ([jbybel@ljaengineering.com](mailto:jbybel@ljaengineering.com)) by **Tuesday, November 10<sup>th</sup>**.

**Meeting Cost:** Members and Guests - \$20.00, Students - \$5.00 *Meeting fee covers facility rental, dinner, and non-alcoholic beverages.*

**New Meeting Location:** **The Caswell House**, 1404 West Avenue (SW corner of West Avenue and West 15<sup>th</sup> Street).

**Additional Parking available at St. Martin’s Lutheran Church Parking Lot at corner of West 15<sup>th</sup> St. and Rio Grande St.**

Prepay with PayPal  
Pre-pay for each meeting by credit card:  
<http://weat.org/central/paypal-meetings.htm>



## UPCOMING EVENTS – MARK YOUR CALENDAR

DATE	EVENT	LOCATION	SPONSOR(S)
November 5, 2015	WEAT/TAWWA Fall Social @ Top Golf  <a href="#">Register</a> by November 1, 2015 to SAVE \$10	Top Golf Austin, TX	WEAT/ TAWWA
November 17, 2015	Central Texas Section Meeting	Austin, TX	WEAT
December 1, 2015	WEFTEC 2016 Call for Abstracts Now Open  <a href="#">Submit your Abstract</a> for Consideration by December 1, 2015	New Orleans, LA	WEF
January 26-27, 2016	WEAT Collections Specialty Conference and Expo “Deeper into the 4Ms of Collection Systems: Siphons, Force Mains, and Lift Stations”  Early Registration Deadline – January 18, 2016	San Marcos, TX	WEAT
January 19, 2015	Central Texas Section Meeting	Austin, TX	WEAT
April 19-22, 2016	Texas Water 2016 <u>Registration Coming Soon</u>  <a href="#">Abstracts Due</a> by October 30, 2015 – Last Extension	Fort Worth, TX	WEAT/ TAWWA

## WEAT CTS OFFICERS AND MEETING TOPICS

Please contact any of the officers if you have questions or would like to get more involved with the CTS chapter.

We are looking for your feedback on topics to be presented at our section meetings and at specialty conferences. Please contact Secretary, **Jason Bybel** if you have any suggestions.

Also, if you are interested in sponsoring a Central Texas Section WEAT event, please contact President Elect, **Kathy Fretwell** for more information.

As always, we thank you for supporting CTS WEAT!!!

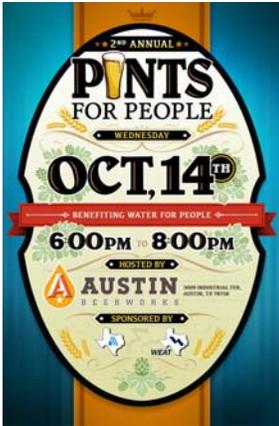
### 2015 - 2016 Central Texas Section Officers

- **President – Aldo Sotelo**  
512-328-0011, asotelo@buryinc.com
- **President Elect – Kathy Fretwell**  
512-852-3007, kathyfretwell@kennedyjenks.com
- **Vice President – Rebecca Musk**  
512-617-3133, rebecca.musk@freese.com
- **Secretary – Jason Bybel**  
512-439-4758, jbybel@ljaengineering.com
- **Treasurer – Roman Grijalva**  
512-879-0432, rgrijalva@browngay.com
- **Section Rep. – Ana Karamalegos**  
512-346-1100, karamalegosAM@cdsmith.com
- **Past President – Cara Wilson**  
512-346-1100, wilsonc@cdsmith.com  
Term of office is July 1, 2015 to June 30, 2016.

## NEW CENTRAL TEXAS SECTION SPONSORSHIP OPTIONS FOR 2015-2016

New sponsorship alternatives have been developed in a way of keeping meeting cost low for all attendees. Options include a classic dinner sponsorship, Gold, and Platinum sponsorships. For more details, please contact Kathy Fretwell at 512-852-3007 or kathyfretwell@kennedyjenks.com.

## 2<sup>nd</sup> ANNUAL PINTS FOR PEOPLE A HUGE SUCCESS!



With over 100 in attendance, the 2<sup>nd</sup> Annual Pints for People event at Austin Beerworks was a HUGE Success. Event coordinators report they were able raise \$7,920 for Water for People!

**Thank You:** to all those that donated their time and resources to make Pints for People such an overwhelming success.



water for people

## WEAT/TAWWA FALL SOCIAL



# TopGolf

The Central Texas Section of WEAT and the Capital Area Chapter of TAWWA will be hosting the annual social event the evening of **November 5<sup>th</sup>** at TopGolf Austin (2700 Esperanza Crossing).

**WHEN:** November 5, 2015

6-9 PM

7 PM: Top Score Contest Begins

**WHERE:** Top Golf Austin

2700 Esperanza Crossing

Off Burnet, East of Domain

**COST:** \$30 / Person & \$20 / student [online](#) Thru November 1, 2015

\$40 / Person After November 1, 2015

**DETAILS:** Includes heavy appetizers, drink ticket, and 3 hours of golf! Bring Cash/Checks for Mulligans and the Silent Auction!

If there are any further questions, please don't hesitate to contact Theresa Hlavinka at 512-852-3009 or [TheresaHlavinka@KennedyJenks.com](mailto:TheresaHlavinka@KennedyJenks.com).

## WEAT MEMBERSHIP



**Are you a member of WEAT?** If not, here are a few reasons why you should become a member TODAY:

- Great training and networking opportunities with continuing education credit to maintain licenses
- \$150 savings on Texas Water registration
- Dependents are eligible for multiple scholarships
- Receive the Texas WET magazine and e-Newsletter
- Become an automatic member of your section

You can join online today at <http://www.weat.org/>. Email [julie@weat.org](mailto:julie@weat.org) for more information.

*Deeper into the 4Ms of Collection Systems: Siphons, Force Mains & Lift Stations*

January 26 – 27, 2016

Embassy Suites San Marcos, Texas

Proposed Topics:

**Assessment:** How, when and why to assess the condition of siphons, force mains and lift stations in wastewater collection systems?

- Methods, applications, case studies and lessons learned

**O&M:** How often, under what conditions and with what equipment/materials should Operations and Maintenance procedures be performed for siphons, force mains and lift stations in wastewater collection systems?

- Pro-active vs. Reactive maintenance; Operator’s viewpoint; odor & corrosion control applications

**Design:** Do’s and Don’ts of Infrastructure Design: What do we know today that we didn’t before in design of wastewater siphons, force mains and lift stations?

- Application, purpose, materials for sustainability, historical design vs. current design practices, odor and corrosion control implementation in design

**Construction:** Contractor/Owner/Engineer coordination in contractor operations, management and construction Inspection of wastewater siphon, force main and lift station infrastructure.

- Materials, applications, traditional and trenchless construction methods; phasing and working with existing infrastructure; inspection practices

**Planning:** Planning for the Future in siphon, force main and lift station infrastructure before failure.

- Performance indicators, maintenance requirements and schedule; material longevity and planning for future infrastructure needs

**REGISTRATION**

Member of WEAT/WEF -	\$195
Member-Government/City -	\$155
Student -	\$15
Non-Member -	\$245
Non-Member-Gov/City -	\$205

**Registration Fee Includes:** continental breakfast, lunch, and breaks. Space is limited, so register early.

Register on line at [www.weat.org](http://www.weat.org) or Email registration forms (attached to newsletter) to [julie@weat.org](mailto:julie@weat.org)

**Cancellation Policy:** Full refund if registrant cancels 10 days before program date.

**8.5 hours of CEUs for wastewater operators has been requested through the TCEQ**

Please mail or fax registration form with check or credit card payment to:

WEAT  
1825 Fort View Road, Suite 102  
Austin, Texas 78704  
Phone: (512) 693-0060  
Fax: (512) 693-0062

WEAT has reserved a block of rooms at the Embassy Suites, 1001 McCarty Lane, San Marcos, TX 78666. WEAT has obtained discounted single or double rate of \$135.

The reservation deadline is January 4, 2016. After this date, reservations will be accepted on an availability basis.

To make your reservation, call 512-392-6450. Be sure to mention WEAT when making your reservation.

## WITH SPECIAL THANKS TO THE CTS PLATINUM SPONSORS

**Encotech Engineering Consultants** is a full-service engineering firm specializing in MEP and Structural Engineering design and consulting. We also provide Commissioning, Cost Estimating and Construction Administration services. Founded in 1990 in Austin, Texas by our highly-regarded president and CEO Ali Khataw, PE, the firm has grown steadily over the years increasing staff and adding a second office in San Antonio in 2009. More recently, Encotech has greatly expanded the firm's capabilities and service offerings, particularly by providing MEP and Structural Engineering support for civil and transportation projects.

Encotech has been providing Structural and MEP Engineering Services for Infrastructure projects for more than 15 years. Our experience includes water, wastewater, and energy projects. We have provided engineering services to dozens of water and wastewater treatment plants. Our extensive experience with a variety of infrastructure facilities affords us the ability to provide long term, cost effective solutions on an expedited schedule.

From the day Ali Khataw founded the firm, our values and mission have remained constant: We are 100% dedicated to quality design, responsible and ethical performance, and attentive client service. It's our honor to help you shape the world you live in.



## WITH SPECIAL THANKS TO THE CTS GOLD SPONSORS

**Environmental Improvements, Inc.**, established in 1966, is a Manufacturer's Representative firm specializing in water and wastewater treatment. We represent a complete line of manufacturers capable of treating all variations of municipal water and wastewater applications. Coupled with our product service we have been providing treatment equipment and solutions in Texas for over forty-five years.



## AND SPECIAL THANKS TO THE CTS NOVEMBER MEETING SPONSOR

**Burgess & Niple, Inc. (B&N)** was established in 1912 and has been providing professional engineering and technical services for clients throughout Texas for more than 40 years. B&N Texas offices provide water and wastewater, transportation and land development engineering design and construction phase services

B&N's local Austin office specializes in wet weather services for wastewater collection systems and water and wastewater hydraulic modeling, system planning and asset management, rehabilitation design and construction phase services. B&N field inspection and testing staff operate state of the art flow monitoring, system inspection and testing equipment for system monitoring, planning and condition assessment.



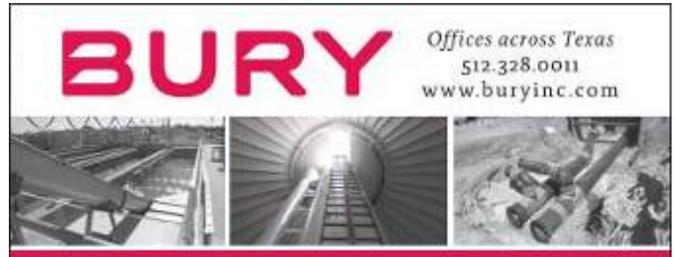
*These events cannot happen without your support! If your company is interested in sponsoring a section meeting please contact Kathy Fretwell at 512-852-3007 or [KathyFretwell@KennedyJenks.com](mailto:KathyFretwell@KennedyJenks.com).*

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ADVERTISE YOUR COMPANY IN THE CTS NEWSLETTER!!

The Central Texas Section is including business card size advertisements in our newsletters. The cost is \$150 for five ads. If interested, please contact **Kathy Fretwell** at [KathyFretwell@KennedyJenks.com](mailto:KathyFretwell@KennedyJenks.com) or **Jason Bybel** at [jbybel@ljaengineering.com](mailto:jbybel@ljaengineering.com).