



WATER ENVIRONMENT ASSOCIATION OF TEXAS

Preserving & Enhancing the Water Environment of Texas

Central Texas Section

November 2016

Central Texas WEAT Presents:

“City of Round Rock Lake Creek Wastewater Line Upgrade Project: Challenges and Lessons Learned”

Stephanie Blew, PE (Stantec); Jesse Penn, PE (CP&Y); & Eddie Zapata, PE (City of Round Rock)

Tuesday, November 15, 2016 at 6:00 p.m.

The City of Round Rock needed to upgrade a large wastewater pipeline located along Lake Creek near downtown Round Rock. The wastewater line was under sized and required a capacity expansion in order to meet anticipated growth in the upper end of the sewershed. The total project included approximately 4,900 linear feet of 30-inch and 36-inch fiber reinforced polymer pipe (FRP) and manholes installed by open cut method with a 48-inch steel casing section installed by bore. Construction required an extensive bypass pumping plan with installation of temporary manholes to allow for undisrupted wastewater collection.

Stephanie Blew, PE is a Senior Project Manager with Stantec Consulting Services Inc. in Austin, Texas. She has 17 years of experience in municipal engineering including water, wastewater, roadway, and drainage infrastructure planning, design, bidding and construction administration.

Jesse Penn, PE has more than 20 years of experience in the engineering field. He currently provides planning, design and construction phase services for water, wastewater, reclaimed water, and biosolids projects in central Texas.

Eddie Zapata is a Senior Project Manager for the Utilities and Environmental Services Department at the City of Round Rock. He joined the City in April 2007 as a Project Manager in the Engineering and Development Services Department. Eddie serves as Project Manager for Water and Wastewater Capital Improvement Projects and Rights-of-Way Manager for the City.

MEETING INFORMATION

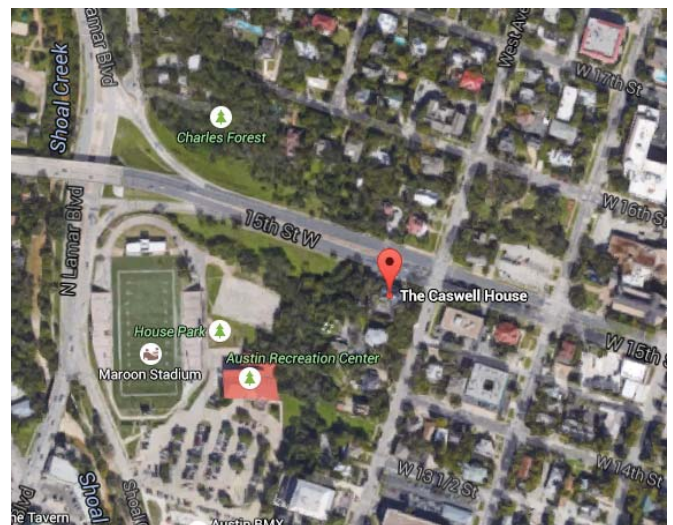
Please RSVP by contacting **Jason Bybel** (jbybel@ljaengineering.com) by **Tuesday, November 9th**.

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

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

Additional Parking available at St. Martin's Lutheran Church Parking Lot at corner of West 15th 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 9, 2016 | WEAT / TAWWA Fall Social Punch Bowl Social in the Domain 6:00 pm – 9:00 pm See Page 3 REGISTER TODAY! | Punch Bowl Social, Austin, TX | WEAT / TAWWA |
| November 10, 2016 | Water Environment Horizon Conference Registration – Coming Soon | Austin, TX | WEAT, TACWA, WRA |
| November 15, 2016 | WEAT CTS Meeting | Austin, TX | WEAT CTS |
| January 17, 2017 | WEAT CTS Meeting | Austin, TX | WEAT CTS |
| April 10-13, 2017 | Texas Water 2017 Austin Convention Center Austin, Texas Registration – Coming in January 2017 Exhibitor Signups are Ongoing – Contact lisat@texas.net for more information | Austin, 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, **Rebecca Musk**, for more information.

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

2015 - 2016 Central Texas Section Officers

- **President – Kathy Fretwell**
512-852-3007, kathyfretwell@kennedyjenks.com
- **President Elect – Rebecca Musk**
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- **Vice President – Roman Grijalva**
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- **Section Rep. – Ana Karamalegos**
512-346-1100, karamalegosAM@cdmsmith.com
- **Past President – Aldo Sotelo**
512-328-0011, aldo.sotelo@stantec.com

Term of office is July 1, 2016 to June 30, 2017.

NEW CENTRAL TEXAS SECTION SPONSORSHIP OPTIONS FOR 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 Rebecca Musk at 512-617-3133 or rebecca.musk@freese.com.

Central Texas WEAT and
Capital Area Chapter
of TAWWA present

FALL SOCIAL 2016

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**WEDNESDAY,
NOVEMBER 9TH**

6:00 – 9:00 PM

**PUNCH BOWL
SOCIAL**

Punch Bowl Social is located in the Domain near the Macy's Department store. The Fall Social will include a taco buffet dinner and unlimited drinks for a \$30 registration fee. Bring your competitive spirit for bowling, ping pong, darts and other fun games!

CLICK HERE

**Online
Registration**

YOUNG PROFESSIONALS UPDATE

The Central Texas WEAT Young Professionals (YPs) have been cooking up some excellent events for the end of the year and the start of 2017! Be on the lookout for updates and let Will (wcchandler@lan-inc.com) know if you: a) want to be on the mailing list; b) want to help out; or, c) just want to chat.

Hornsby Bend Biosolids Management Plant tour:

Join the AWWA/WEAT YPs for a tour of the Hornsby Bend Biosolids Management Plant (2210 FM973, Austin, TX 78725) on Friday December 2nd at 11 AM. Lunch will be provided after the tour. Close toed shoes are required and long pants are recommended.

Please RSVP to Melissa Woo at woomk@cdmsmith.com if you would like to join! Thanks to US Pipe/Forterra



FORTERRA

River Cleanup Challenge:

The AWWA/WEAT YPs are planning to organize a Central Texas team to participate in the WEAT Texas River Cleanup Challenge (see attached flyer), as part of a Texas-wide effort to help keep local waterways clean while promoting environmental awareness and stewardship. Awards such as "Most Trashy Section" and "Best Trashy Photo" will be presented during Texas Water 2017. Keep an eye out for details and let the YP team know (i.e., email Skylar! Skylar.weir@mwhglobal.com) if you are interested in helping bring this great event to fruition!

For more information on YP, please contact Will Chandler at wcchandler@lan-inc.com or (512) 338-4212.

3rd ANNUAL PINTS FOR PEOPLE A SUCCESS!

The 3rd Annual Pints for People event benefiting Water For People was a rousing success. The event raised \$17,200 for Water For People. Please see www.pintsforpeople.com for more information about Water For People and the Annual Event.



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 for more information.

WITH SPECIAL THANKS TO THE CTS PLATINUM SPONSORS

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.



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.

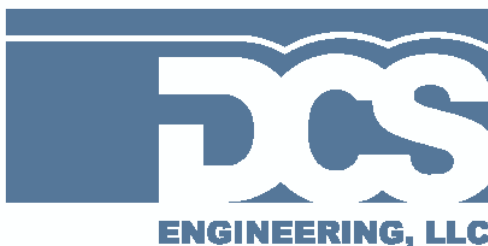
Encotech has been providing Structural and MEP Engineering Services for Infrastructure projects for more than 15 years. Our experience includes water, wastewater, and energy projects. We have provided engineering services to dozens of water and wastewater treatment plants. Our extensive experience with 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

DCS Engineering, LLC is a full-service locally owned engineering firm with company headquarters located in Austin. DCS provides civil engineering consulting services on small and large infrastructure projects, specifically municipal water, wastewater, and transportation planning, permitting, design, construction administration, and operational trouble shooting.



DCS's list of services includes managing and providing master planning; modeling; water supply; CIP list development; design of elevated storage tanks, pumping stations, ground storage tanks, waterlines, reclaimed water systems, water treatment plants, wastewater treatment plants; process design; plant process analysis/trouble shooting; lift stations; sanitary sewers, sewer rehabilitation; odor and noise control; biosolids treatment; assimilative modeling; TPDES permitting; mechanical, structural,

roadway design, and drainage. Simple solutions to complex problems, integrity, and open communication with Owners and Operators are the foundations upon which the firm has been built.

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.



In March of 2016, Bury, Inc. joined **Stantec**, a community uniting more than 15,000 employees working in over 250 locations. By combining Bury's outstanding reputation with Stantec's global strength, knowledge, and relationships, we can now go anywhere and meet our clients' needs in more creative, personalized ways. Our work — professional consulting in planning, engineering, architecture, interior design, landscape architecture, surveying, environmental sciences, project management, and project economics — begins at the intersection of community, creativity, and client relationships. Stantec's goal is to provide innovative, cost-effective solutions that meet the specific needs of our clients. Stantec water & wastewater engineering professionals can carry the team throughout the project lifecycle including planning, design, bidding, construction and start-up. Our professionals can also assist public entities in obtaining funding for needed infrastructure projects. Our

primary water and wastewater services include master planning, hydraulic modelling, water and wastewater treatment, pump stations, transmission pipelines, water distribution systems, ground and elevated storage tanks, wastewater collection systems, lift stations, force mains and others. For more information, visit www.stantec.com or contact us at (512) 312-0011 and aldo.sotelo@stantec.com



WITH SPECIAL THANKS TO THE CTS NOVEMBER MEETING SPONSORS



Hobas Pipe USA is the manufacturer centrifugally cast, glass-fiber-reinforced, polymer mortar (CCFRPM) pipe and fittings. Hobas large diameter pipes (18" – 126") are ideally suited for nearly all corrosive piping applications and may be installed by a variety of installation methods. HOBAS pipes can be economically designed for non-pressure and pressure service by varying the quantity, placement, and orientation of the glass-fiber reinforcements. Since 1987, Hobas Pipe USA has continuously manufactured over 9 million feet of CCFRPM pipe in the United States.

For additional information, Contact Victor Rivera at vrivera@hobaspipe.com or (713) 907-4406.

CP&Y is an employee-owned, innovative, and progressive full-service architectural and engineering firm. With a staff of over 280 professionals in Texas, Oklahoma, Colorado, Virginia, and Arkansas; CP&Y receives industry recognition by providing cost effective solutions without sacrificing needs. To learn more about CP&Y, visit our website or join the conversation on our social media channels.



WITH SPECIAL THANKS TO THE CTS SEPTEMBER MEETING SPONSORS



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These events cannot happen without your support! If your company is interested in sponsoring a section meeting please contact Rebecca Musk at 512-617-3133 or rebecca.musk@freese.com.

THANKS TO THE FOLLOWING CTS CORPORATE SPONSORS

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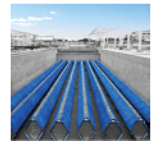
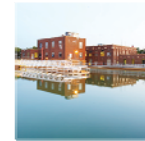
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