



WATER ENVIRONMENT ASSOCIATION OF TEXAS

Preserving & Enhancing the Water Environment of Texas

Central Texas Section

September 2011

Central Texas WEAT September Meeting Presents

Fred Ramirez, P.E. and Joe Jenkins, P.E.

Tuesday, September 20, 2011 at 6:00 p.m.

Joe C. Thompson Center, University of Texas, Austin

Hornsby Bend Biosolids Management Plant Digester Improvements and Sustainability Project

The Austin Water Utility (AWU) is highly committed to being a leader in sustainability and green infrastructure – a key component of its mission to be the most livable city in the country. The improvements currently underway at the Hornsby Bend Biosolids Management Plant (HBBMP) are in direct alignment with many of COA's sustainability and green infrastructure goals. Each of the improvements target specific areas where the City can implement green infrastructure. These include: 1- Improvements to the anaerobic digesters and related equipment to increase production of digester gas as renewable energy source, 2- Installation of an electrical generator fueled by digester gas that is expected to completely offset power usage at the facility, 3- Expansion of the existing biosolids composting facility to reduce remote off-site land application of Class B Biosolids.

Fred Ramirez received his Bachelor of Science degree in Civil Engineering from Texas A&M in 1988 and has over 20 years experience in the Water & Wastewater industry. He joined the Austin Water Utility three years ago and is presently managing the construction of the \$31.8 Million Hornsby Bend ARRA funded Project. Prior to the AWU, Fred worked as a Consultant and Construction Manager with several local Engineering Firms on industrial and municipal projects.

Joe Jenkins is a graduate of Texas A&M University and has over 25 years experience in the municipal water and wastewater field. He is a senior project manager and process engineer for CH2M HILL in Austin. Mr. Jenkins has worked on many innovative and award winning projects, including an American Council of Engineering Companies (ACEC) Engineering Excellence Award for an aquifer storage and recovery project, an Associated Builders and Contractors (ASBC) Public Works Project of the Year for improvements to an old water plant, a Marvin Black Excellence in Partnering Award for a digester improvement project, and most recently, the EPA Performance and Innovation in the SRF Creating Environmental Success (PISCES) Award for the project to be presented today. He has also served on several State Advisory Committees.

MEETING INFORMATION

Please RSVP by contacting Aldo Sotelo by Thursday, September 15, 2011

Call (512) 328-0011 or Email: asotelo@burypartners.com

Meeting Cost: Members and Guests - \$20.00, Students - \$5.00

Meeting fee covers facility rental, dinner and non-alcoholic beverages. Cash bar also provided.

Meeting Location: Joe C. Thompson Center, University of TX, 2405 Robert Dedman Drive (Located on the SW corner of Dean Keeton and Red River).

WEAT Meeting Attendees:
Prepay with PayPal

Pre-pay for each meeting by credit card online at: www.weat.org/central
Click on "Calendar" (on left side), under "Regular Meetings" heading, click on "pay in advance by credit card" link. OR - go directly to:

<http://weat.org/central/paypal-meetings.htm>



WATER ENVIRONMENT ASSOCIATION OF TEXAS

Preserving & Enhancing the Water Environment of Texas

UPCOMING MEETINGS AND EVENTS – MARK YOUR CALENDAR

DATE	EVENT	LOCATION	SPONSOR(S)
September 19, 2011	Texas Water 2012 Abstract Submission Deadline	San Antonio, TX	WEAT/TAWWA
September 20, 2011	WEAT Webinar - 82 nd Legislative Session: Impacts on the Texas Water Environment	GotoWebinar.com	WEAT
September 20, 2011	Central Texas Section Meeting – Hornsby Bend BMP Digester Improvements and Sustainability Project	Austin, TX	CTS WEAT
October 15-19, 2011	WEFTEC 2011	Los Angeles, CA	WEF
November 2-3, 2011	Fundamentals of Asset Management: A “Hands-On” Approach Workshop	Austin, TX	USEPA/WEAT
November 15, 2011	Central Texas Section Meeting - An Innovative Uprating Case Study at the Waco MARSS Central WWTP	Austin, TX	CTS WEAT
December 1, 2011	Renewable Energy, Energy Efficiency and Best Practices Seminar	Hornsby Bend BMP Austin, TX	WEAT

CENTRAL TEXAS SECTION WHAT DO YOU WANT TO LEARN MORE ABOUT?

The Central Texas Section of WEAT is looking for your feedback on topics to be presented at our section meetings and at specialty conferences. Please contact Secretary, Aldo Sotelo with any suggestions that you may have. Also, if you are interested in sponsoring a Central Texas Section WEAT event, please contact President Elect, Joe Hoepken for more information. As always, we thank you for supporting Central Texas WEAT!!!

Central Texas Section Officers are listed below.

- President – Susan Smith, 569-9022, ssmith@lvinc.com
- President-Elect – Joe Hoepken, 972-1168, joe.hoepken@austintexas.gov
- Vice President – Jason Christensen, 912-5109, jason.christensen@hdrinc.com
- Secretary – Aldo Sotelo, 328-0011, asotelo@burypartners.com
- Treasurer – Orren West, 972-1957, Orren.West@austintexas.gov
- Section Rep. – Trooper Smith, 617-3116, tws@freese.com
- Past President – Darren Strozewski, 284-8209, dstrozewski@dcs-engineering.com

WEAT/AWWA SUMMER SOCIAL – JULY 2011

The Central Texas Section of WEAT and the Capital Area Chapter of TAWWA held their annual summer social event on July 30th at Elizabeth Milburn Park in Cedar Park. The event was a big success with over 60 people attending including several families. The first group of people arrived at 4 PM and the last group left around 9 PM!! Event highlights included BBQ from Austin Rodeo cook-off champ Brian Phenegar, live music by Jon Emery "The King of Hillbilly and Rock and Roll", swimming pool where kids (and some adults) had an opportunity to cool off from the Texas summer heat, raffle prizes, and washer tournament. Congratulations to our washer tournament winners: Sam Gide, Awet Reddy and Aser Wide!! Proceed from this event went to Water for People and the Operations Challenge Event. Thanks again to our sponsors Jose Guerra, CDM, Bury + Partners, HDR, DCS Engineering, EI2, and Hartwell Environmental for their support.



WEAT/AWWA HAPPY HOUR – AUGUST 2011

The Young Professionals held a happy hour at Opal Divine's Marina on August 25th, 2011. Thank you to HOBAS Pipe (www.hobaspipe.com) for sponsoring this month's happy hour. The next WEAT/AWWA YP Happy Hour is scheduled for 5:30 PM on October 20th, 2011. Location TBD. If you would like to be added to the announcement list or would like to sponsor an upcoming meeting, please email Rebecca Glaser at reg@freese.com or Wil Sarchet at wsarchet@carollo.com.

WITH SPECIAL THANKS TO OUR MEETING SPONSORS



Around the world or close to home, **CH2M HILL** employees provide the full spectrum of consulting, program management, design, construction and operations solutions that support client goals and improve the quality of life in the communities where we live. Consistently named a Fortune "100 Best Companies to Work For", CH2M HILL holds fast to four simple values: take care of clients, deliver great work, do right by employees, and stay true to our integrity and honesty. Visit our website at www.ch2m.com for more information.



CAS Consulting & Services, Inc.
Austin Dallas Houston San Antonio

CAS Consulting & Services, Inc. started in 1999 in Austin, Texas. Currently we have four office locations - Austin, Dallas, Houston and San Antonio. From the start, we were involved in Program Management Consultant services by serving on the Austin Clean Water Program, a \$400 million program that addressed the EPA's Administrative Order to eliminate all sanitary sewer overflows. (In 2009 this program was named the 8th largest infrastructure project in the world in the last 75 years.). Our consulting services encompass the following: Program Management, Construction Management, Water & Wastewater Engineering, Stormwater Engineering, Water Resources Engineering, Environmental Engineering, Transportation Engineering. Our basic philosophy is "to provide professional technical services in a manner which exceeds our customers' expectations." The CAS team emphasizes commitment to quality service, responsiveness and technical excellence for every project. We offer customized client services to solve project challenges efficiently and within allocated resources. CAS is DBE, MBE, HUB and SBA 8(a) certified. Additionally, CAS is TxDOT Pre-Certified in multiple categories.

HRM **ENVIRONMENTAL**

HRM Environmental provides engineering firms and plant staff with process design recommendations and equipment selection for water and waste water treatment plants. HRM has five office locations in Texas: Austin, Bedford, Dallas, Houston and San Antonio and one office located in Tulsa, OK. Each office is staffed with experienced personnel that can assist in all your process and equipment needs. Areas of emphasis are Screening / Advanced Grit Removal, Biological Nutrient Removal (BNR) processes and Solids Handling/ Biosolids. Please visit our website: www.hrmenv.com for more contact information or products represented.

These events cannot happen without your support! If your company is interested in sponsoring a section meeting please contact Joe Hoepken at (512) 972-1168, or joe.hoepken@austintexas.gov.

AND THANKS TO THE FOLLOWING CTS CORPORATE SPONSORS



When the results matter now . . .
and years from now.

BURGESS & NIPLÉ
Engineers ■ Planners

4029 Capital of Texas Highway
Suite 220 | Austin, TX 78704
512.306.9266

Additional Texas offices in:
Dallas, Fort Worth, Houston & Midland

burgessniple.com



The Avallon Building I
10415 Morado Circle, #200
austin, Texas 78759
Ph: 512-349-0700
Fax: 512-349-0727

Consulting Engineers - Planners - Project Managers

Aviation • CM/DB • Electrical • Environmental • Municipal
Highway & Bridge • Transit • Transportation

Austin • Dallas • Fort Worth • Houston • McKinney • Round Rock
San Antonio • Oklahoma City

www.cpyi.com








Water Treatment
Water Distribution
Wastewater Treatment
Water Resources

offices across
T E X A S
512-617-3100
www.freese.com

**Kennedy/Jenks
Consultants**

6300 Bridge Point Parkway
Austin, TX 78730
(512) 345-8600
kennedyjenks.com

enduring relationships • trusted expertise • promises delivered



SUSAN SMITH TURRIETA, PE
VICE PRESIDENT

engineers | architects | contractors

AUSTIN OFFICE
1101 S Cap TX Hwy, Suite C-220
Austin, TX 78746
WWW.LNVINC.COM

OFFICE 512.381.8333
FAX 512.381.8334
CELL 512.569.9022
SSMITH@LNVINC.COM






Water Treatment
Wastewater Treatment

Distribution/Collection
Water Resources



Austin • Dallas • Fort Worth • Houston
Corpus Christi • San Antonio
www.hdrinc.com

ADVERTISE YOUR COMPANY IN THE WEAT CENTRAL TEXAS SECTION NEWSLETTER!!

The Central Texas Section has begun including business card size advertisements in our newsletters. The cost is \$150 for 5 ads. If interested, please contact Joe Hoepken at joe.hoepken@austintexas.gov or Tejashri Kyle at tejashrikyle@gmail.com