



WATER ENVIRONMENT ASSOCIATION OF TEXAS

Preserving & Enhancing the Water Environment of Texas

Central Texas Section

September 2008

Central Texas WEAT's September Meeting Presents

DAVID FREIREICH, P.E.

**Tuesday, September 16, 2008 at 6:00 p.m.
Joe C. Thompson Center, University of Texas, Austin**

ROUND ROCK PRE-CHLORINATED PIPE BURSTING DOs AND DON'Ts

After receiving his Bachelor of Science Degree in Civil Engineering from the University of Texas in Austin in 1982, David Freireich began his engineering career at the Texas Water Development Board in Austin as a Project Manager in the Construction Grants Division. He received his MBA from Texas State University in 1988, and his Texas Professional Engineer registration in 1989. He gained additional experience in utility operations and consulting civil engineering, and later worked in the storm water pipe and products industry before arriving at the City of Round Rock in 2004. He is currently the Senior Utility Engineer with the City of Round Rock, overseeing a part of the water and wastewater Capital Improvement Program, including facility rehabilitation, new water and wastewater infrastructure, and reclaimed water projects.

The City of Round Rock recently replaced three and one-half miles of Asbestos Cement (A/C) waterline using pre-chlorinated pipe-bursting technology. In November 2007, the City of Round Rock started construction activities to replace 6", 8", and 12" A/C waterline in the Greenlawn Place Subdivision. Construction was completed at the end of February 2008, with only site restoration and project close-out remaining. Project activities also included replacement of 325 single and double water service connections to residential homes. Mr. Freireich's presentation will cover water line pipe bursting technology, project experience gained for application on future projects, and correlations of this technology to sanitary sewer line pipe bursting.

Meeting Information

RSVP by contacting Susan Kelly by Thursday, September 11, 2008
Call (512) 569-9022 or Email: central@weat.org

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

Meeting Location: Joe C. Thompson Center, University of Texas
2405 Robert Dedman Drive

Located on the southwest corner of Dean Keeton and Red River.

Please Note:

The Joe C. Thompson Conference Center (TCC) is currently under construction. Access through the south lobby entrance, which faces the LBJ Library and Museum is no longer available. Please access the facility from the north lobby doors or the TCC dining room. There are two sidewalks that lead directly from the TCC parking lot 40, located on Red River and Dean Keeton, to the north lobby entrances.

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, click on "pay in advance by credit card" link. OR - go directly to:

www.weat.org/central/paypal.htm



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WEAT/TAWWA 2008 SUMMER SOCIAL WAS A SUCCESS

On Friday July 18th, the Central Texas Section of WEAT and the Capital Area Chapter of TAWWA held their annual joint summer meeting with a dinner and casino night at the historic Old Pecan Street Café in downtown Austin. The social hour and drinks were followed by a catered dinner at the café. Highlights of the evening surrounded gaming at tables sporting blackjack, craps, roulette, slot machines, and Texas Hold'em. Guests converted their winnings into raffle tickets for gift certificates to local area shops with an IPOD for the grand prize. Special thanks to the efforts of the committee members and our sponsors who make this night possible. Sponsors included **EIMCO Water Technologies, Environmental Improvements, Inc., Environmental Treatment Technologies, Hartwell Environmental Corporation, HOBAS, Malcolm Pirnie, Newman Regency Group, Pump Solutions Inc., Treatment Equipment Company, G.E. Walker and Associates.**

CENTRAL TEXAS WEAT SCHOLARSHIP WINNERS!



The Central Texas Section of WEAT is excited to announce that we have implemented a scholarship award program for college students who are pursuing a career related to water quality, who have outstanding academic records, and who are actively involved in extracurricular activities. The candidate applications were outstanding, thus the CTS decided to award four scholarships. The winners are **Jenna Kromann, Samuel Woelke, Aalok Bhattarai, and Sarah Eason.**

Jenna Kromann is studying at Texas A&M University and is pursuing a degree in Environmental Engineering/Civil Engineering with a focus on hydrogeology. While at James A. Bowie High School, Jenna won 1st place at the TAWWA/WEAT Excellence in Water competition and won 3rd place at the State Stockholm Jr. Water Prize.

Samuel Woelke is a recent L.C. Anderson High School graduate and is beginning his first year at the University of Texas. He is pursuing a degree in either mechanical or environmental engineering so that he will have the skills to design mechanical systems related to water and wastewater treatment.

Aalok Bhattarai is attending the University of Texas and is pursuing a dual degree in Architectural Engineering and Architecture. He plans to focus on environmentally-friendly green building technology and to merge it with traditional and modern designs. Additionally, Aalok wants to focus on traditionally neglected areas of environmental design, structural safety and indoor air quality that will improve the health, safety and working conditions for water/wastewater employees.

Sarah Eason is studying at Austin Community College and plans to transfer to Texas State University in the spring. She is pursuing a Bachelor of Science in Geography with specialization in Geographic Information Systems (GIS) and minor in Geology. Sarah said that she took an introductory GIS class and got hooked. She loves maps and feels like she has found her calling.

CONGRATULATIONS!!!

CENTRAL TEXAS SECTION YOUNG PROFESSIONALS



The Young Professionals held a Happy Hour on Wednesday, August 20th at the Flying Saucer. A number of YP's turned out to enjoy a pleasant evening and good company. Many thanks to Environmental Improvements for sponsoring the event. WEAT and AWWA have decided to have another happy hour on October 23rd. Announcement and details are forthcoming. If you would like to be added to the announcement list, please email Justin Ware at justin.ware@CH2M.com.

Next YP Happy Hour is Scheduled for October 23rd!!!



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WEAT OFFICERS FOR 2008-2009 WEAT OFFICERS

During the Central Texas Section May meeting, Officers and Board Members were voted in for the 2008-2009 term. Please welcome Joe Hoepken as the newest member of the board as treasurer and congratulations to Heather Harris as our new President, Kelly Payne as President Elect, and Darren Strozewski as Vice President.



Central Texas Section Officers are listed below.

- President - Heather Harris, 453-2468, Heather.Harris@ch2m.com
- President-Elect – Kelly Payne, 473-3251, Kelly.Payne@lcra.org
- Vice-President – Darren Strozewski, 382-0044, dstrozewski@ge-walker.com
- Secretary – Susan Kelly, 569-9022, skelly@LNVinc.com
- Treasurer – Joe Hoepken, 703-6639, joe.hoepken@ci.austin.tx.us
- Section Rep. - Lynne Moss, 346-1100, mosslh@cdm.com
- Past President - Brad Castleberry, 322-5856, bcastleberry@lglawfirm.com

UPCOMING MEETINGS AND EVENTS – MARK YOUR CALENDAR

September 21-24, 2008
Distribution Systems
Symposium and Exposition
Austin, TX
AWWA

October 18-22, 2008
WEFTEC 2008
Chicago, IL
WEF

November 5-6, 2008
Brackish Groundwater
Desalination Conference
El Paso, TX
WEAT, El Paso Water, TCEQ,
TWDB & TAWWA

December 4, 2008
Industrial Water Quality
Workshop
Houston, TX
WEAT

WITH SPECIAL THANKS TO OUR MEETING SPONSORS

CDM

listen. think. deliver.

Founded in 1947, CDM - one of the largest consulting firms in the United States - specializes in the field of environmental engineering and related services. In our early years of work, CDM quickly established a reputation for outstanding professional consulting engineering. We have experienced steady growth, expanding our client base and broadening our expertise in the environmental engineering field. Today, CDM's network of personnel operates from more than 100 offices (including six in Texas: Austin, Dallas, Fort Worth, El Paso, Houston and San Antonio) throughout the United States and overseas. Backed by a team of more than 4,300 professionals, highly trained and experienced in investigating and solving complex environmental problems, CDM focuses our in-house resources to deliver workable solutions to resolve environmental problems and address client needs.

JACOBS™

Jacobs Engineering Group Inc. is one of the world's largest and most diverse providers of professional technical services. With annual revenues exceeding \$9 billion, we offer full-

spectrum support to industrial, commercial, and government clients across multiple markets. Services include scientific and specialty consulting as well as all aspects of engineering and construction, and operations & maintenance. Our primary markets include:

- Aerospace and Defense
- Automotive and Industrial
- Buildings
- Chemicals and Basic Resources
- Consumer and Forest Products
- Environmental Programs
- Infrastructure
- Oil and Gas
- Pharmaceuticals and Biotechnology
- Refining
- Technology

Our fundamental business strategy is building long-term client relationships. With more than 60 years in the industry, we have attracted and retained clients by providing superior customer value - in fact, over 90 percent of our work is repeat business from loyal clients. This strategy yields cost advantages, profits, and growth for us, allowing us to also attract and retain investors and thus fuel further growth. The combination of a loyal client base and steady growth enables us to attract and retain the industry's top talent. As a result of this sound business strategy, we are prospering in diverse markets, worldwide. Our global network includes more than 160 offices in over 20 countries. We have operations in North America, the United Kingdom, mainland Europe, India, Australia, and Asia. Our headquarters are in Pasadena, California.

MJPC Murphy Pipeline Contractors, Inc.

Murphy Pipeline Contractors, Inc. specializes in trenchless construction, design and consulting, founded on the premises of reducing costs and increasing efficiencies pertaining to the replacement of pressure pipes such as potable water, reclaimed water and force main through the process of static pipe bursting.

- ✓ Over 1 Million feet of pre-chlorinated pipe bursting experience world wide including England, Ireland and the U.S.
- ✓ Introduced pre-chlorinated pipe bursting to North America
- ✓ Advisor and consultant for the AWWA, EPA and state regulatory agencies regarding pre-chlorinated pipe bursting
- ✓ Trenchless Project of the Year 2003: 22,000' pre-chlorinated pipe bursting in Everglades National Park
- ✓ Trenchless Project of the Year 2004: 13,000' pre-chlorinated pipe bursting in Fort Pierce, FL
- ✓ Key advisor to equipment and other trenchless manufacturers in the development of the equipment and tools used throughout the pipe bursting process]
- ✓ Key note speaker at national conferences including No-Dig, Underground Infrastructure Advanced Technology Conference, UTC, AWWA

It is our mission to afford every community the opportunity to replace more pipe every year in a more efficient, aesthetically pleasing and customer friendly way. For assistance with feasibility studies and cost analysis on upcoming projects, please contact Todd Grafenauer at 414-321-2247.