

The Waterway

A publication by the Southeast Texas Chapter of the American Water Works Association

Meeting Notice June 22, 2006

Special points of interest:

- June 22, 2006
- 11:15 a.m.
- 5430 Westheimer Rd. Houston, TX 77056
- \$20 per person for AWWA members if confirmed by 6/19/06.
- \$25 per person after 6/19/06
- \$25 per person for non-AWWA members
- \$10 per person if a government employee and confirmed by 6/19/06

The June meeting of the Southeast Texas Chapter of the TAWWA will be held Thursday, June 22, 2006. The meeting will be held at the HESS Building located at 5430 Westheimer Rd., Houston TX 77056.

See the Hess Club website www.hessclub.com for a location map

The meeting will begin in the Austin Room at 11:15 am, with lunch at 11:30 am and the featured speaker at 11:50 am.

The cost for the luncheon is \$20 per person, if confirmed by

June 19, 2006 and an AWWA member; \$25 per person for AWWA members after June 19, 2006.

The cost for non-AWWA members is \$25 per person. The cost for government employee is \$10 per person.

Please RSVP by sending an e-mail with your first and last name, organization (for name tag), to Marilyn Christian at mchristian@harriscountyhealth.com. Alternately, you may call in your RSVP to Marilyn Christian at 713-439-6260. No-shows will be invoiced for their lunch.



This chapter is a forum where members of the Southeast Texas Chapter of AWWA meet to discuss water resources topics. It is a 501c(3) exempt organization. Meetings are held bi-monthly and are open to both AWWA members and non-members.

Inside this issue:

President's Message	2
Corporate Partners	3
Leadership Committee Report	4
Programs Committee Report	4
Scholarship	5
Young Professionals	5
Calendar of Events	6



June Program Topic: Plan for a More Efficient Utility Using Demand Forecasting

Mr. Jun Chang, P.E. will be the featured speaker for the June Luncheon Program. Mr. Chang is the Senior Assistant Director for Planning and Development Services for the City of Houston's Department of Public Works & Engineering,

Mr. Chang has been with the City for seventeen years. His responsibilities include the

long range planning for public utilities, computer hydraulic modeling and analysis for the City's water and sanitary sewer systems, and contract negotiation and administration.

He is also in charge of the Utility Analysis which is responsible for issuing water and wastewater capacity reservation, collecting impact fees, and selling taps & meters.

Mr. Chang will speak on Planning for a More Efficient Utility Using Demand Forecasting

Subjects will include selection of demand forecast methodology, long-term utilities planning, operation improvements, O & M budget projection, and capital improvement projects scheduling.

Knock! Knock! Who's there? (Access Control)

Edward Tadlock
President: Southeast Chapter TAWWA



Do we really know who is knocking at our door?"

Effective entry control is a concept relating to knowing whether to let someone into your facility or not. How is access granted to your facility? Do you have an entry control system? If so, what means does it employ to assure entry by authorized personnel only? Does it use manual inspection (security guard check), with or without photographic identification? Is it an automated system? If it is an automated system, does it use credential (magnetic or swipe badges), codes or a combination of the two? Consider the use of photo identification badges for

all personnel. This will identify authorized utility employees to both staff and customers.

Consider keys to your facilities. Who has general master keys? Who needs keys? Consider how emergency responders would access the facility. Do you use a key control system? When a key or identification badge is lost or not returned when an employee or contract is terminated, what procedures do you follow?

Note that facility access is a factor associated with both security policies and procedures and physical control measures.

When considering access, don't forget emergency egress. If a facility is locked up tight, how will staff get out in an emergency? Since the risk management plan requirements were implemented, some utilities have bolt cutters located near chain-link fences so workers can quickly escape a fenced compound if there is a chlorine release. Will those wire cutters still be readily available if they are moved out of reach of intruders?

Include your utility's personnel as you develop your security procedures. Everyone is anxious to help and be part of the effort to safeguard their community and water utility's security. Ask for and incorporate staff input, and include all levels of staff as part of your operational security team.

One must not forget to have appropriate warning and informational signage in place such as "No trespassing", "Authorized personnel only" to inform those that may want to access the area.

Remember communication is the key to any successful ACCESS measure plan.

Reference: Excerpts from, AWWA, "Water System Security": A field Guide.



TREASURER'S REPORT **Greg Lentz, P.E.**

AS OF JUNE 8, 2006, THE
SOUTHEAST CHAPTER'S ACCOUNT
BALANCE TOTAL IS \$4,296.65

**April 2006 Program
Corporate Partners**

CDM
listen. think. deliver.
3050 Post Oak Blvd, Suite 300 Houston, Texas 77056
www.odm.com
(713)-423-7300

**April 2006 Professional
Services Directory**

*Water solutions that are
clean, clear and cost-effective.*

**BROWN
& GAY**
ENGINEERS, INC. www.browngay.com

**BROWN
& GAY**
ENGINEERS, INC.

11490 Westheimer
Suite 700
Houston, TX 77077
281-558-8700
281-558-9701 FAX
bge@browngay.com
www.browngay.com

Services

- Feasibility studies
- Master planning
- Alternative analysis
- Demand analysis
- Route & facility site analysis
- TCEQ & U.S. EPA permitting
- Funding analysis
- Public hearings
- Water audits
- System modeling
- Preliminary and final engineering design
- Construction management
- Utility system rehabilitation
- System operational consulting

At Brown & Gay, we understand water, wastewater, and flood control systems of all sizes, from major urban areas to small subdivisions. This understanding allows us not only to design efficient new utility systems, and but also to determine the upgrades or repairs needed to keep existing systems working, now and in the future.

ACE⁰⁶
AWWA Annual Conference and Exposition

The World's Water EventSM

**June 11-15, 2006
San Antonio, Texas**

AWWA 125th Anniversary
1881-2006
125 Years of Safe Water

www.awwa.org/ace06

Leadership Committee Update

Jennifer Elms, P.E.

The momentum continues...The May Leadership meeting was filled with information and plans for the coming months. You'll notice Jerry Woodward's article and information on the scholarship opportunities for members and their families. SE TAWWA contributes to the State Scholarship Fund, and will also present scholarships to some of our local members and their families. For more information see the website or contact Jerry. Thanks to all our corporate sponsors who make our scholarship program possible.

Groups and businesses who would like to place a business card or ad in the newsletter or be a sponsor at one of our General Meetings can contact Gary Rabalais for information.

Chris Varnon, our Young Members Chairperson, has set aside the 2nd Wednesday of every month for YP Happy Hour. Watch for information from Chris about other activities he has planned to help get those younger members active and involved. (I bet some of us "older" members can help out and attend those functions as well.)

Yue Sun has a great program planned for June, with Jun Chang from the City of Houston as our guest speaker, I know you'll want to hear what Jun has to say about utility planning at the City. Yue is also hard at work, with the help of Dave Scholler, planning our August program on groundwater reduction plans with a panel discussion of issues and lessons learned. As always, if you have suggestions for

future programs, please contact Yue or any one of the Leadership Team members.

Chris is also hard at work in the development of a regional fundraising project for Water for People. While this is a AWWA sponsored group, Chris has been working with the City of Houston and other entities on a regional approach to involve other people and groups who are not in the water industry. This is an exciting undertaking and I hope you will contact Chris for more information and ways to donate or otherwise become involved.

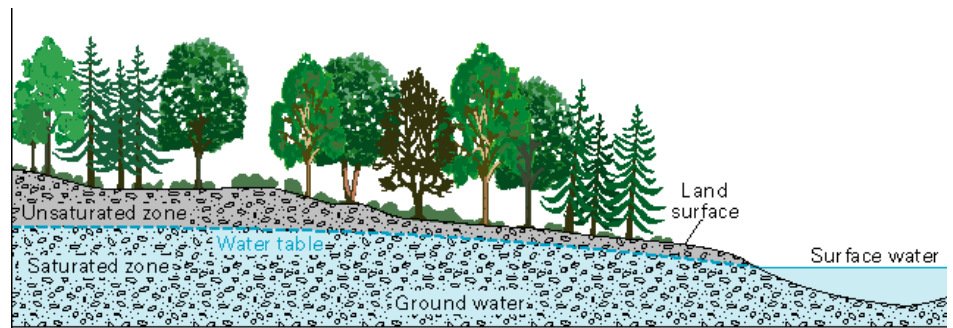
These are just a few of the highlights of planned activities. There's always a place for you to be involved, see you on the 22nd!

Program Committee Update

Yue Sun, P.E.

Coming Soon!

The Southeast Texas Chapter of AWWA will hold a featured program on progress toward meeting the requirements of the Groundwater Reduction Plan (GRP). Development of the GRP was spurred by the land subsidence of the 1970s in the greater Houston area.



The purposed of the plan is to control subsidence and manage groundwater sources through regulation, conservation, and conversion to alternative sources of water (surface water, treated water, etc.) to assure adequate quantity and quality of water for the future. The featured program will focus on providing an overview of progress to date, lessons learned, as well as the direction for the future. Participants will include representatives from the City of Houston, the North Harris County Regional Water Authority and the West Harris County Regional Water Authority.

Watch our newsletter for additional information on upcoming programs. If you have any suggestions for topics and/or speakers, please contact Yue Sun at sunyy@cdm.com.

Scholarship Committee Report

Jerry Woodward

The TAWWA Scholarship Application has been posted on the TAWWA website. The forms may be downloaded in PDF or MS WORD. **Application forms cannot be mailed to you.**

The scholarship program is open to the children of the

Texas Section members or members who have returned to full time education. Scholarships are available to graduation high school seniors or students all ready enrolled in college. **All applicants must be full time students.**

The completed application

must be submitted by mail or by overnight delivery postmarked no later than July 7, 2006.

GOOD LUCK TO ALL APPLICANTS!!

Welcome New Student Members!

The Southeast Chapter of the Texas American Water Works Association (TAWWA) is proud to welcome the following new student members to our chapter:

Pranav Kulkarni
Ramesh Sharma
Vikram Kashyp
Samuel Orozco
Xing Lu
Geyan Zuo
Xin He



The Southeast Section of TAWWA is planning a trip on June 17th to see our Houston Astros take on the Kansas City Royals. Group seating requires advance reservations, so please RSVP with interest to Chris Varnon at

varnonck@cdm.com .Prices for tickets will be \$12-23, depending on seat availability. Families are welcome.

Young Members Committee Report Chris Varnon

It may not seem like it right now, but Summer is upon us, and if nothing else that serves as an adequate excuse to gather for happy hour. We've been meaning to organize some Young Professional happy hours for some time now and there's nothing like the warmer weather to offer the necessary incentive to make it happen. So next **Wednesday, June 14th** we'll meet at **Sam's Boat** around **6pm** (it's a big place, so we'll plan on gathering on the west side of the deck area).

If you can't make it this time around, don't fret, we will plan on setting aside the 2nd Wednesday of every month to meet for happy hour. Hopefully this will serve as an opportunity for young professionals in TAWWA to meet and network outside of the bi-monthly meeting. We'll pick a new location every month and send out an email notification in advance. Feel free to bring colleagues that may or may not be involved in TAWWA, and don't forget that we define young professional as young in career AND/OR young in age, and for the purpose of these happy hours, we'll accept young at heart as well. Contact me if you have any questions or need directions. Cheers.



Save the Date! Upcoming Events

125th Anniversary of AWWA—National Conference

June 11-15, 2006

San Antonio, TX

<http://www.awwa.org/ace06/>

SE TAWWA—Astros Game

June 17, 2006

SE TAWWA Chapter Meeting

June 22, 2006, 11:30am

8th Annual EPA Region 6 Stormwater MS4 Conference

June 26-30, 2006

San Antonio, TX

<http://www.tceq.state.tx.us/assets/public/permitting/waterquality/attachments/stormwater/0606ms4con.pdf>

AWWA Webcast: Improve Your Utilities Revenue Flow and Reduce Water Demands from Conservation

June 28, 2006, 1pm ET

<http://www.awwa.org/education/webcasts/>

AWWA Seminar: Arsenic Treatment 2nd Generation

July 21, 2006

Prescott, Arizona

<http://www.awwa.org/education/seminars/index.cfm?SemID=15>

North American Surface Water Quality Conference

July 24-27, 2006

Denver, Colorado

<http://www.stormcon.com/sc.html>

SE TAWWA Chapter Meeting

August 24, 2006, 11:30am

Third World Aquatic Health Conference

Austin, TX

September 19-21, 2006

By: National Swimming Pool Foundation

21st Annual Water Reuse Symposium

September 10-13, 2006

Hollywood, California

By: American Water Works Association

<http://www.awwa.org/conferences/watereuse/>

2006 Water Security Conference

September 10-12, 2006

Washington, DC

By: American Water Works Association

<http://www.awwa.org/conferences/congress/>

AWWA Seminar: Principles of Desalting Brackish and Sea Water

October 5-6, 2006

Houston, Texas

<http://www.awwa.org/education/seminars/index.cfm?SemID=49>

WEFTEC 79th Annual Conference

October 21-25, 2006

Dallas, Texas

<http://www.environmental-expert.com/events/weftec/weftec.htm>

SE TAWWA Chapter Meeting

October 26, 2006, 11:30am

Water Quality Conference and Exposition

November 5 -9, 2006

Denver, Colorado

By: American Water Works Association

<http://www.awwa.org/conferences/wqtc/>

Ground Water Expo

By: National Ground Water Association

December 5-8, 2006

Las Vegas, Nevada

<http://www.ngwa.org/>

2007 Customer Service Conference and Expo

March 4-7, 2007

Austin, TX

By: American Water Works Association

Deadline for Call for Papers Submissions—June 26, 2006

<http://www.awwa.org/conferences/customer/call/>

2007 AWWA/WEF Information Management and Technology Conference and Expo

March 4-7, 2007

Austin, TX

Deadline for Call for Papers Submissions—June 26, 2006

<http://www.awwa.org/conferences/imtech/call/>

2005**Executive Committee Roster****Edward Tadlock - President**

Texas A&M University;
713-862-8206

Jessie Li, Ph.D., P.E. – Vice President

City of Houston
713-842-4001

Jennifer Elms, P.E. - Secretary

Edminster Hinshaw Russ & Associates
713-784-4500

Greg Lentz, P.E. – Treasurer

R G Miller
713-461-9600

COMMITTEE CHAIRS**Corporate Sponsorship – Gary Rabalais, P.E.**

Malcolm Pirnie, Inc.
713-960-7428

Correspondence (Newsletter) – Camille Sowell, P.E.

Camp, Dresser & McKee Inc.
713-423-7300

Correspondence (Website) - Steve Smith

Water and Waste Management Associates
713-690-8806

Membership - Josie Sun, P.E.

City of Houston
713-837-0959

Programs - Yue Sun, P.E.

Camp, Dresser & McKee Inc.
713-423-7300

Scholarship – Jerry Woodward, P.E.

Independent Consultant
281-304-8613

Young Professionals – Chris Varnon

Camp, Dresser & McKee, Inc.
713-423-7300

Sponsorship Provides Corporate Exposure Opportunities

Corporate sponsorship is a great way to get your company in front of our over 400-strong SE Chapter membership. Sponsorships are available for each of our SE Chapter meetings, as well as in our bi-monthly newsletters.

What are the sponsorship funds used for? Your contributions allow the SE Chapter to award college scholarships through TAWWA and cash prizes for science fair award recipients.

What are the sponsorship options?

\$200/Luncheon/Dinner Meeting: Corporate sponsors will be announced during the meeting and attending firm members will be publicly acknowledged. The Chapter will also acknowledge the meeting sponsors on a bulletin board at the registration table, and they may distribute brochures about their company. In addition, they will be able to place a quarter-page color ad about their company in our newsletter prior to the meeting they sponsor. Up to four sponsors per meeting.

\$100/Year Color Business Card: Your company's business card can appear in each of our bi-monthly newsletters for one calendar year (January through December) under the section entitled "Professional Services Directory." Prorated amounts for starting between these times can be arranged.

\$100/Newsletter Professional Job Position:

A company/agency can place professional job position openings in the newsletter and on our website. The position will be published once in our bi-monthly newsletter and simultaneously on our website for that same two-month period.

If you are interested in being a Chapter sponsor, please contact Gary Rabalais, Corporate Sponsorship Chair, at 713-960-7428, or at grabalais@pirnie.com. Checks are made payable to *SE Chapter of TAWWA*.

AWWA Information

AWWA is the authoritative resource for knowledge, information, and advocacy to improve the quality and supply of drinking water in North America and beyond. AWWA is the largest organization of water professionals in the world. AWWA advances public health, safety and welfare by uniting the efforts of the full spectrum of the drinking water community. Through our collective strength we become better stewards of water for the greatest good of the people and the environment.

Founded in 1881, AWWA is the largest organization of water supply professionals in the world. Its more than 57,000 members represent the full spectrum of the drinking water community: treatment plant operators and managers, scientists, environmentalists, manufacturers, academicians, regulators, and others who hold genuine interest in water supply and public health. Membership includes more than 4,700 utilities that supply water to roughly 180 million people in North America.

ABOUT SE CHAPTER

If you're a member of the Southeast Texas Chapter of the Texas Section American Water Works Association, this is a great opportunity to meet and build relationships with your peers in the water community. If you're not a member, this is your opportunity to attend with other water professionals, share ideas and information, and see what AWWA has to offer. Luncheon or dinner meetings are held on a bi-monthly basis and are open to both AWWA members and non-members. It is a 501 (c) (3) exempt scientific/education organization.

Chapters of the Texas Section AWWA provide training and other opportunities to share information and ideas on *important issues and topics. The grassroots nature of Chapters gives the Texas Section AWWA the strength of nearly 3200 members statewide.*

Southeast Texas Chapter Website:

http://groups.yahoo.com/group/SE_CHAPTER_TAWWA/



Safe drinking water, basic health, hygiene education and sanitation facilities are nonexistent for impoverished people in the developing countries throughout the world. WHO/UNICEF estimates that the combination of these conditions results in 6,000 deaths everyday, mostly children.

In response, a dedicated handful of North American water professionals from the **American Water Works Association** established Water For People in 1991 and Water For People-Canada in 1995. They saw this as a natural extension of what their 57,000 members already do on a daily basis -- bring safe, sufficient drinking water to their own communities.

Water For People is an international nonprofit development organization committed to the long-term impact of increased access to safe drinking water and improved sanitation and health.