



WATER ENVIRONMENT ASSOCIATION OF TEXAS

Preserving & Enhancing the Water Environment of Texas

NORTH TEXAS SECTION—e-NEWSLETTER

NOVEMBER 2007

Volume 19, Number 6

November Meeting

Date:	November 15, 2007
Place:	City Place-Dallas
Topic:	Overview of SCADA and Plant Control System Technologies
Social Hour:	5:30 pm
Dinner:	6:30 pm
Dinner Tickets:	\$15 Members \$10 Spouses & Guests

Some of the meeting costs have been offset by the following meeting sponsors:

Chiang, Patel & Yerby, Inc.
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Please call our voice mail reservations number to make your reservations:

(214) 890-6878 Dallas
(817) 740-5759 Fort Worth

Speaker

Phillip Gaberdiel

Black & Veatch, Charlotte, NC

Mr. Gaberdiel has more than 27 years of technical and managerial experience providing SCADA and Instrumentation & Control consulting on water and wastewater projects through all phases, including master planning, design, system procurement, construction oversight, system configuration, and startup.

Mr. Gaberdiel recently joined Black & Veatch in Charlotte, NC as National Leader - I&C Special Projects. Prior to joining Black & Veatch, he was a Regional Engineering Manager and Principal Engineer for Westin Engineering, Inc. in Dallas, Texas. In that role, he was responsible for engineering design and construction services for SCADA and Control System projects throughout the Eastern U.S. Prior to joining Westin, Mr. Gaberdiel spent 12 years as a Senior Project Manager for Johnson Controls, Inc., also in Dallas where he led project teams in the implementation of instrumentation and control systems for a number of major U.S. municipal utilities.

Philip has a Bachelor's Degree in Electrical Engineering from the University of Oklahoma and a Master's in Computer Systems from the Air Force Institute of Technology."

President's Message

Congratulations to the North Texas Operations Challenge Teams for their success at WEFTEC. The article on page 3 of this Newsletter summarizes the odd year and the solid results for the CReWSers, Aqua Techs and Regulators. Forty-one teams competed at WEFTEC and the North Texas Teams had two third place and a tenth place finish. The North Texas teams are very competitive and train very hard to win each year.

The WEAT-NTS September picnic was a great success. The food was excellent and there was plenty of it. I am glad that I was not one of the BBQ or dessert judges who had to decide on the winning dish. Being a judge assures that you get to taste everything, however you do not get to hang out by the BBQ pits

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Tracey Long (LongTL@cdm.com)

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MESSAGE FROM THE PRESIDENT (CONTINUED)

during the day and get samples from time to time (my favorite part of the day). Everyone had a great time and hopefully this is something we will do again next year. If you went this year you will be back, if you were not able to make it, don't miss it next time. Because of all the great sponsors, the solid turnout and efforts of everyone to prepare food and help host our own event, we were able to raise \$2,586 for the operations challenge teams to attend WEFTEC.

WEFTEC in San Diego was huge with 22,000 people attending, a lot of them Texans. Overheard this comment from someone who read my badge as we passed *"there sure is a lot of people from Texas here."* The WEAT reception on Monday evening was well attended by hundreds of people. The exhibit hall was massive, you definitely got your exercise for the day.

This newsletter is emailed to 458 people, yet we always hear of someone we missed. Ask around and if someone you know does not receive the email, then email us – or better still, just email Holly Ingram at HINGRAM@cpyi.com.

Our scholarship program is expanding in number of students receiving awards, the award amount, and scholarship support. This year thirteen companies donated directly to the scholarship fund and with the support and attendance at the February Seminar, we are able to expand this program. The operator training scholarship fund is also growing and expanding. The Darryl Hall family generously donated to this scholarship at the September BBQ Dinner Meeting.

Old WEAT Story. About five years ago as a group of us were planning the National Stockholm Junior Water Prize Science competition, we had decided on an opening dinner reception that would get all the students together and for entertainment there would be karaoke and dancing. Thinking back to our own insecurities during High School we planned to sing the opening number to break the ice and get the party started. So we all got up front but the music didn't play and all those high school insecurities came back. After standing there awhile and trying to think of something, Jay London took the mic and, similar to the scene in Top Gun, he sang "You Lost That Loving Feeling" to Cathy Henderson-Seiger. Jay sang better than Tom Cruise, but the rest of us backing him up sang worse than the bar full of Navy soldiers.

In the end, there was no need for us to embarrass ourselves. The karaoke machine was quickly fixed and everyone (students) sang and danced all night. They had no insecurities and made friends immediately, while we remained embarrassed all weekend.

Randy McIntyre
President 2007-2008
WEAT-NTS
(972) 934-3711

WEFTEC⁰⁸ CALL FOR ABSTRACTS DEADLINE DECEMBER 10, 2007

Be part of the outstanding technical program at WEFTEC by submitting an abstract for consideration to present in Chicago at WEFTEC⁰⁸. WEFTEC provides many benefits to speakers:



- Increase your prestige by presenting your work at WEFTEC - the most highly regarded technical conference in the water and wastewater industries.
- Showcase your environmental contributions to over 20,000 professionals, more people than at any other venue!
- Gain added exposure for your work - all papers appear on the official conference proceedings on CD-ROM given to all full conference attendees. You also have the opportunity to submit your work to be published in one of WEF's peer-reviewed journals—Water Environmental Research™ or Water Practice™.

WEFTEC.08 will solicit abstracts on cutting-edge water quality topics of interest to all environmental stakeholders, including:

- Coastal Issues
- Collection Systems
- Contaminants of Emerging Concern/Endocrine Disrupting Compounds
- Disaster Planning
- Facility Operations
- Groundwater
- Industrial Issues and Technology
- Instrumentation, Automation and Computer Applications
- International and Small Island Nations' Issues
- Leading Edge Research
- Management of Odors and VOCs
- Municipal Wastewater Treatment
- Public Education
- Residuals and Biosolids Treatment
- Small Community and Decentralized Water Infrastructure
- Small Island Nations: Water, Wastewater and Environmental Issues (International Issues)
- Stormwater Management and Wet Weather Flows
- Surface Water Quality and Ecology
- Sustainable Water Resources Management
- Utility and Asset Management
- Water and Wastewater Disinfection
- Water Reuse and Reclamation
- Watershed-Based Permitting/TMDLs

Abstract submission is now open for WEFTEC⁰⁸. Go to <http://www.weftec.org> for more information.

Dinner Meeting—November 15, 2007, Dallas City Place

California Dreaming!

North Texas WEAT had an undeniable presence in the WEFTEC.⁰⁷ Operations Challenge. Three of the five Texas teams at the competition call north Texas home. The Trinity River Authority's CREWSers, National Champions for the last two years, were joined by the city of Dallas Aqua Techs in Division I. The Aqua techs won second place in last years Division II competition. Both Division I teams were primed for big expectations at this years national competition. A new team from Ft. Worth, the Regulators, represented North Texas WEAT in Division II at the team's first national competition.

This is one of those times when the results just don't tell the whole story. The CREWSers beat out the competition to win the Laboratory and Safety events but finished 3rd overall.



TRA CREWSers
Maintenance Event

The Dallas Aqua Techs made a great run in the maintenance event, taking first place and finished in 10th overall. The new National Champions hail from the Rocky Mountain WEA and



Dallas Aqua Techs
Collections Event

did not place in the top three in any single event. It was truly a strange year! (See *scoring sheet at the end of the newsletter.*)

In Division II, the Fort Worth Regulators came in with a 3rd place overall finish, practically unheard of in a team with limited experience at the national competition. This team is really coming along, besides their fantastic overall finish, they received recognition by their peers as the team that exhibited the "best effort!"

It's a good bet that North Texas Operations Challenge teams are somewhat disappointed with the results of this year's national competition. These teams are fiercely competitive and will not settle for anything less than first place overall. They live to bring home the championship to WEAT and North Texas. The Texas teams have enjoyed strong support and it has made a real difference. For two years in a row, Texas has sent the most teams in the history of the competition with outstanding overall results. Even so, 41 other teams from across North America went to WEFTEC 2007 dreaming of a first place overall win. There can only be one National Champion.



Fort Worth Regulators
Collections Event.

We can be proud of the North Texas teams for working hard to prepare and giving their all at the competition. Everyone that participates in the Operations Challenge program succeeds at educating the public and at promoting professionalism and pride in our industry.



Fort Worth Regulators Receiving Award for
3rd Place Overall - Division II

Announcements

FROM THE D/FW METROPLEX

WEAT E&IC Subcommittee

The WEAT E&I Subcommittee held its most recent technical seminar. On Wednesday, 24 October, it presented a 3-hour seminar on NFPA 820 – Standard for Fire Protection in Wastewater Treatment and Collection Facilities. This NFPA standard is widely used in the classification of hazardous areas for electrical installations in these facilities and is just now being re-issued as a 2008 publication. Approximately 30 people participated, representing system owners, suppliers, and consulting engineers. This provided a wonderful forum for the sharing of best practices and current technology.

The E&I Subcommittee is working to provide a forum for the electrical and instrumentation professionals within WEAT to promote the education and growth for its members in the design, installation, and maintenance of the electrical and instrumentation systems. It has sponsored technical seminars bi-monthly for the last year since its inception. The next planned seminar is scheduled for December and is entitled "Engineering Ethics."

For more information, contact any of the following:

VK Gupta	Gupta & Associates
Jeff Hensley	Freese & Nichols
Brad Rodgers	Carollo Engineers
Bill Sako	CDM
Mike Query	Trinity River Authority
Tim Campbell	Chiang, Patel & Yerby
George Luke	Chiang, Patel & Yerby

The City of Dallas Water Utilities is seeking applicants for 3 positions

The City of Dallas Water Utilities is seeking applicants for three Senior Program Manager positions - Engineering Services, Utility Automation and Integration, and the Central Wastewater Treatment Plant Manager. Salary range is \$68,615-\$113,215.

All positions require supervisory experience and excellent communication skills, but requirements vary for each position. For specific job requirements and application deadlines for each position or to submit an application, go to <http://dallascityhall.com> and select "Find a Job."

NOTE

If you attended the WEAT BBQ Picnic and are missing a serving tong, serving spoons or a glass pot lid, contact Randy McIntyre.



MWH announces the addition of Matt Garcia, Tina Hanson, P.E., Linda Summers and Larry Rivers, P.E., to its team of water and wastewater professionals in Texas.

Sarah Walls named to Board of North Texas Commission

Sarah Walls, a partner in the law firm of Cantey Hanger LLP has been elected to the North Texas Commission Board of Directors for a 3-year term.

The NTC's mission is to enhance and promote the economic vitality and quality of life throughout the Dallas/Fort Worth area by (1) providing leadership; (2) acting as the catalyst for regional cooperation; and (3) identifying regional problems and issues and helping create solutions for these problems and issues.

Environmental Improvements, Inc. (EI²) would like to announce the launch of our new company website:
www.ei2texas.com

Announcements (Continued)

Darryl Hall Scholarship Fund

In addition to the work of these fine students and the success of the North Texas Section Scholarship, we are pleased to announce continued progress and growth of the Darryl Hall Scholarship Fund.

The fund was established in 2006 in the name of Darryl Hall and is supported by contributions from NTS WEAT and the Hall Family. The Darryl Hall Scholarship will differ from the NTS Scholarship in that it will focus on the employees and family members of those men and women who work in the fields of wastewater collections, maintenance, operations and laboratory assistance in North Texas. Future scholarships from the fund will assist with two year colleges and technical schools for deserving applicants.

We are pleased that the Darryl Hall fund continues to grow towards self sufficiency. While the total dollars in the fund are not yet to the point where it can sustain scholarship awards, yearly contributions and growth of the fund have been very consistent. We are looking forward to a day very soon when the fund will award its first scholarship to a deserving individual.

If you would like more information on the North Texas Section WEAT scholarship funds, please contact Scholarship Chairman David Jackson at 214-217-2257.

If you would like to make a contribution to one of the scholarship funds, please contact NTS WEAT Vice President John Bennett at 817-430-4657.

North Texas Section Scholarship Update

The NTS WEAT Scholarship Committee is pleased to announce a record five scholarship awardees for 2007! In addition to three returning students, the committee awarded two new scholarships for the 2007-08 school year. The Scholarship is offered to students who are members or dependents of members of North Texas Section WEAT.

Our returning scholarship recipients for this year include Michael Longoria, Jordan McIntyre and Jordan Cherry. Michael Longoria is a junior at Texas A&M University and is majoring in Electrical Engineering. Jordan McIntyre is a junior at Texas A&M University and is majoring in Genetics. Jordan Cherry is a junior in the Nursing program at UT Austin. We are very proud of these outstanding returning students and know that they will all do well in their chosen professions.

In addition to our returning recipients, the committee has granted two new scholarships for the year to Bodey Sliger and Casey Terrell. Bodey is a sophomore at Texas A&M University and is majoring in Civil Engineering. Casey is a student at Tarrant County Community College and plans to transfer into the Civil Engineering program at UTA upon completion of his first two years of school.

Congratulations to our scholarship recipients for this year! We look forward to hearing more about your progress and to your future successes.

SUPPORTERS OF WEAT NORTH TEXAS SECTION

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WEAT-NTS Calendar of Events

November 15, 2007	Dallas-City Place	WEAT-NTS	Overview of SCADA and Plant Control System Technologies
March 25-28, 2008	Henry B. Gonzalez Convention Center San Antonio, Texas	WEAT-TAWWA	Texas Water 2008
October 18-22, 2008	McCormick Place Chicago, Illinois	WEF/WEAT	WEFTEC. ⁰⁸

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this e-Newsletter
in Error?**

Or

**Do Others in Your
Organization Wish to
Receive This Newsletter?**

Either Way,
PLEASE EMAIL Holly Ingram
(hingram@cpyi.com)

THANKS

WEAT MEMBERSHIP

It has its advantages!

Are you not a member of WEF or WEAT?
Or do you know someone who needs to join?
To get a membership application you can just
visit www.weat-nts.org and click on
"Become a Member."

WEAT-NTS Scholarship

We are currently accepting applications for the
WEAT-NTS Scholarship.

See the website:

<http://www.weat-nts.org> for
information and click here for [application](#).

Also, please contact
[David Jackson](#) if you
have questions.



**Water Environment Federation
2007 Operations Challenge
San Diego, California**

DIVISION #1

Team #	Team Name	Event Time (in seconds) / Point Conversion / Ranking												Final Results						
		Safety				Process				Maintenance				Collectors		Points	Ranking			
		Best Time	Slowest Time	Points	Ranking	Best Time	Slowest Time	Points	Ranking	Best Time	Slowest Time	Points	Ranking	Best Time	Slowest Time			Points	Ranking	
17	Commae Commandos - Rocky Mountain WEA	283.59	693.19	85.77	5	103.69	335.57	81.34	5	268.13	555.11	424.87	10	275.91	424.87	113.55	82.17	5	393.67	1
13	Team HRSD - Virginia WEA	305.09	605.09	87.41	4	191.72	86.21	7	413.93	30.55	10	94.9	99.92	2	129.10	68.87	6	368.69	3	
7	TRACREWERS - WEA of Texas	263.59	100.00	100.00	1	181.4	31.91	9	368.53	37.85	9	153.10	68.87	6	153.10	48.29	7	363.85	4	
5	Fluid Dynamics - Virginia WEA	317.17	93.85	93.85	3	299.37	82.55	3	376.53	49.50	8	153.10	48.29	7	153.10	48.29	7	363.85	4	
18	A Wrecking Crew - California WEA	374.59	82.42	82.42	6	225.37	80.35	5	332.47	77.41	4	110.41	24.96	4	110.41	24.96	4	365.10	6	
4	Cape Stars Workers - New Jersey WEA	328.05	91.79	91.79	4	332.02	26.87	10	345.80	65.08	6	170.34	33.36	10	170.34	33.36	10	341.13	7	
36	S.O.R.A.P.E.R.S. - Ohio WEA	456.25	68.63	68.63	5	219.97	74.16	6	424.87	25.00	11	102.35	51.96	3	102.35	51.96	3	306.19	8	
14	Seacoast Sewer Snakes - New England WEA	407.15	77.45	77.45	7	328.09	28.58	9	324.28	75.98	5	92.94	.....	1	92.94	.....	1	306.57	9
10	Power Saws - WEA of Texas	598.88	42.59	42.59	10	336.57	25.00	1	276.91	.....	1	154.85	46.70	8	154.85	46.70	8	306.35	10
30	Aqua Techs - WEA of Texas	490.93	62.22	62.22	9	237.41	47.51	8	305.09	86.73	3	305.09	86.73	3	154.87	46.68	9	232.08	11	
1	SRCED Interceptors - California WEA	595.19	25.00	25.00	11	230.44	48.67	7	957.11	25.00	11									

DIVISION #2

Team #	Team Name	Event Time (in seconds) / Point Conversion / Ranking												Final Results					
		Safety				Process				Maintenance				Collectors		Points	Ranking		
		Best Time	Slowest Time	Points	Ranking	Best Time	Slowest Time	Points	Ranking	Best Time	Slowest Time	Points	Ranking	Best Time	Slowest Time			Points	Ranking
2	Force Maine - New England WEA	860.03	93.67	93.67	9	237.59	91.81	8	2253.28	.....	1	484.34	86.93	12	162.50	87.50	10	459.91	1
27	Brown Tide - New York WEA	513.37	96.25	96.25	6	339.53	90.58	1	1487.14	67.34	8	366.97	96.10	2	123.56	56.95	4	447.92	2
29	Fl Worth Regulators - WEA of Texas	568.66	96.15	96.15	4	283.62	92.22	7	1520.00	68.45	7	480.38	96.15	11	148.44	51.39	8	436.36	3
24	Wasackn All Stars - WEA of Utah	733.09	91.23	91.23	11	216.33	.....	1	311.19	38.22	23	403.16	94.84	5	110.97	.....	1	424.26	4
22	Reno Sparks Rallies - Nevada WEA	549.47	97.41	97.41	2	484.97	74.53	22	2115.00	94.35	2	608.44	76.93	15	205.90	76.93	19	419.89	5
19	Lauderdale Knights - Florida WEA	544.16	94.21	94.21	7	318.93	89.61	12	1554.23	89.93	6	599.00	87.26	14	173.78	84.76	13	419.77	6
28	Aurora's Ascending Aerobics - Rocky Mountain WEA	505.00	85.35	85.35	20	256.41	95.85	3	1643.86	73.75	4	694.86	69.37	20	157.94	68.60	5	412.99	7
10	Canadian Cross Connect on British Columbia W&WW Assn	740.90	90.93	90.93	13	345.53	86.55	15	1446.67	65.31	5	436.31	92.02	7	222.20	73.01	32	407.82	8
6	River Rangers - Pacific Northwest CWA	778.44	88.05	88.05	16	289.68	91.80	10	1157.71	52.87	12	596.77	77.95	17	129.15	65.58	5	407.66	9
20	DE-CORA - on Neaps - Pennsylvania WEA	743.22	90.85	90.85	14	290.79	97.67	6	478.99	37.77	28	403.91	94.86	4	168.10	93.90	6	404.45	10
40	Delio XXpress - WEA of Texas	703.53	82.04	82.04	23	267.40	94.93	4	1418.83	64.10	11	390.78	96.05	3	261.28	65.95	26	403.07	11
9	Influents - WEA of South Carolina	472.99	100.00	100.00	1	280.38	93.58	5	940.00	39.20	22	530.72	89.74	13	170.72	85.50	12	402.03	12
33	Seca Matters - New England WEA	746.57	80.94	80.94	12	513.08	89.56	23	1078.37	49.45	16	446.54	91.12	8	113.20	98.46	2	406.53	13
38	Sludge - Hammer - WEA of Ontario	2688.87	25.00	25.00	30	244.68	97.26	2	1442.25	65.11	10	345.28	.....	1	121.35	97.47	3	324.87	14
11	Toxic Force - Pacific Northwest CWA	648.96	94.04	94.04	6	374.79	83.36	18	966.05	44.62	17	579.94	79.42	16	186.97	81.56	14	393.50	15
37	OCWA Jets - WEA of Ontario	725.38	91.45	91.45	10	337.06	87.74	14	741.09	34.84	25	476.41	89.50	10	191.50	89.46	15	363.10	16
34	North Bay Ryders - California WEA	772.37	85.77	85.77	15	237.87	91.75	9	510.00	26.30	30	406.38	94.64	6	188.86	80.85	15	362.09	17
21	Die-castlers - Pennsylvania WEA	562.79	96.28	96.28	3	302.26	86.17	16	863.78	41.35	21	611.53	76.68	19	180.75	80.63	17	384.82	18
32	Orange Crush - Florida WEA	607.75	95.44	95.44	5	626.50	57.65	25	1625.00	72.87	5	570.34	80.27	15	243.96	67.95	25	374.28	19
23	Rowley Bay Bowl Builders - New York WEA	703.80	80.00	80.00	25	458.58	76.23	21	1115.00	51.03	15	465.41	89.47	9	217.39	74.16	21	376.91	20
8	IRVAL Connection - Arkansas WEA	632.63	84.44	84.44	21	334.76	87.97	13	1115.77	51.06	14	970.44	45.15	29	143.40	52.13	7	368.79	21
25	Falson Breakful - California WEA	720.63	81.45	81.45	24	369.68	84.37	17	615.00	29.52	28	739.72	66.76	24	241.00	66.46	24	329.55	22
31	Windy City Wizards - Illinois WEA	811.55	88.54	88.54	18	677.68	52.67	36	922.41	42.74	20	847.22	55.99	26	170.10	85.65	11	325.49	23
4	Snowlic's - Central States WEA	124.66	77.94	77.94	27	566.44	54.05	24	1340.00	60.71	12	947.22	47.66	28	216.70	74.34	20	324.70	24
41	Centrifugal Force - D.C. WASA	785.84	78.76	78.76	26	416.67	79.52	19	760.56	35.35	24	707.31	69.78	21	277.97	69.48	27	322.39	25
39	Midland Microbes - Michigan WEA	788.05	85.23	85.23	17	944.66	25.00	30	1055.00	82.83	3	744.40	65.01	24	219.90	59.01	28	321.18	26
35	Kauai Ninjas - Hawaii WEA	295.00	71.5	71.5	29	430.65	78.06	20	702.59	33.29	26	863.47	54.56	27	180.34	80.74	18	318.85	27
15	Pumpers - Central States WEA	143.18	77.32	77.32	28	732.91	40.87	27	927.36	42.96	18	821.75	58.22	25	229.40	71.26	33	296.43	28
16	Amoeba Bunch - Ohio WEA	958.31	85.52	85.52	22	814.74	38.47	28	926.44	42.92	15	715.31	67.56	22	297.50	54.74	29	286.16	29
26	Rowdy Rollers - Indiana WEA	515.41	82.27	82.27	19	902.12	29.35	29	680.00	32.31	27	1200.66	25.00	30	420.36	55.00	30	199.97	30