



NORTH TEXAS SECTION—e-NEWSLETTER

January 2010

Volume 22, Number 1

Dinner Meeting

Date: Thursday, January 21, 2010

Location: Texas Star, Euless, Texas

Speakers: Dolan McKnight, P.E. -
North Texas Municipal Water
District
Jennafer Covington P.E. -
CH2M Hill

Topic: **Biologically Enhanced High Rate
Clarification - A Case Study in the
Application and the Resulting
Regulatory Interactions**

Meeting Agenda: Social hour - 5:30
Dinner - 6:30
Introductions - 7:00
Section Announcements -
7:15
Program - 7:30 - 8:30

Meeting Sponsors:

CH2M HILL
HDR
JQ Infrastructure
KBR
Malcolm Pirnie

Please RSVP to Sam Martinez at
jmartinez@cpyi.com by Friday,
January 15, 2010.

Biologically Enhanced High Rate Clarification - A Case Study in the Application and the Re- sulting Regulatory Interactions

Management of wet weather flows is a growing issue for many utilities. North Texas Municipal Water District proposes an innovative proactive technology approach to provide a dual function system to achieve both tertiary treatment during dry weather conditions while also providing additional secondary clarification capacity during wet weather events. A high rate ballasted flocculation system (Actiflo) is used for the tertiary application, and is converted to a secondary clarifier (BioActiflo) configuration during wet weather events. The presentation will discuss the treatment technology and regulatory opinions of acceptable measures to handle wet weather flows.

Don't Forget

**WEAT—North Texas Section's
February Seminar**

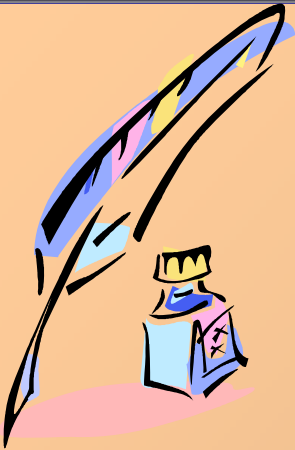
An Operations Forum:

**Poopers & Bloopers, The Joy of Designing,
Building, & Operating A Wastewater
Treatment Plant**

**February 9, 2010
CityPlace, Dallas, Texas**

**See Brochure and Registration Form at the
back of this newsletter.**

MESSAGE FROM THE PRESIDENT



Here's hoping that you and yours had a great Holiday season and were able to enjoy friends and family during this festive time of the year. What a rare treat for those of us in North Texas, a white Christmas! As I understand it, this is the first one in 80 years and was certainly an enjoyable change of pace for my family. Now unfortunately it is time to get back to work, no more long weekends and vacations spent

fattening up on treats or enjoying your favorite beverage around the fire. Well Ok, you can do that for the next few months, especially as cold as it has been so far this winter. 2010 is upon us and as always; the WEAT-NTS Executive Committee has been busy preparing for another great year of informative dinner meetings that always provide the opportunity for some great fellowship and a chance to catch up on some of the newest innovations in our industry. Not to mention, it will be a great opportunity for us to congratulate the TRA CReWSers and the Student Design team from SMU for their success at the WEFTEC Conference. (See insert on January's Dinner Meeting). A note of interest, we are changing the venue for the March Dinner meeting. It will be held at Cowboys Golf Club in Grapevine, be on the lookout for information.

Gilbert Trejo has put together a great lineup of speakers for the February Seminar. This year's Seminar will be an Operators Forum and is titled "Poopers and Bloopers: The Joy of Designing, Building, and Operating a Wastewater Treatment Plant." I am certain the speakers and topics will prove very entertaining while providing some great information for everyone involved in the wild and wonderful world of wastewater treatment. I hope we can count on the employees of our municipalities, water districts and river authorities to make sure they are well represented by their operations staff. I am certain that this Operators Forum will prove to be very beneficial to them and by all means, don't forget those YP's. I think it will be a great learning opportunity to those lacking a lot of work experience (Betty Jordan's way of saying darn kids). Much more information on this seminar will be provided soon.

Dawn Anderson has prepared a financial report for the WEAT –NTS for inclusion to this newsletter. Please take to time to look it over. With the economy like it is, we are all watching how we spend our money to make sure we get the most bang for our buck. The executive committee is very appreciative of the assistance that we receive from many of you and we want you to all understand the importance of your contributions to our section. Our section is one of, if not the most active of the WEAT sections; we take great pride in the technical programs associated with our Dinner Meetings and the February Seminar. Our cookouts are well attended and aid us in supporting our local Operations Challenge Teams and we all have a strong belief in giving back to our members through our scholarship programs. None of this would be possible without your support. Please feel free to contact us with comments concerning the financial report.

Darryl Corbin and Jeff Sober are finalizing plans for the sporting clay shoot, benefitting our scholarship fund. We are shooting for (pun Intended) a March tournament. The location and exact date will be selected soon. Please contact them if you are interested in helping out, or just want more information.

With deer season ending, it is time to dust off your shotgun, get out on the bank of your favorite waterway with your trusty retriever and favorite call and enjoy what is proving to be a very bountiful season. Of all the outdoor hunting activities, I believe water fowl to be the most impacted by our industry. The rivers, lakes and estuaries are all recipients of our efforts and without good clean water to provide exceptional feeding grounds the ducks would certainly pass us by. The North Texas flyway's population of water fowl has steadily improved for the past several decades; this is in no small part related to our efforts to discharge the cleanest water possible. Keep up the great work!

I appreciate your continued support of WEAT and our North Texas Section,

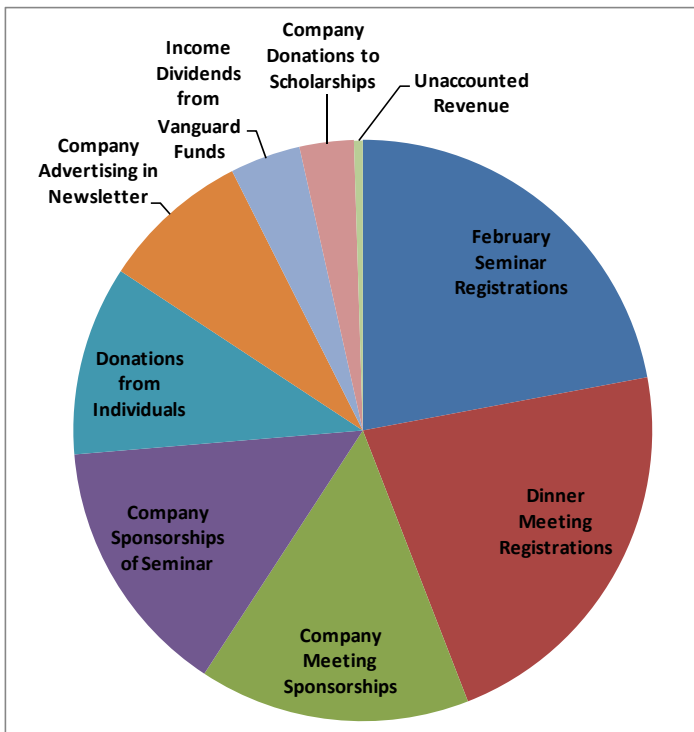
John Bennett
President, WEAT- NTS
817-430-4657

Treasurer's Report

We recently completed a financial reconciliation of the FY08/09 revenues, expenses, and account balances for the WEAT North Texas Section. This report is to give our members an idea of how your dues and other financial contributions are used.

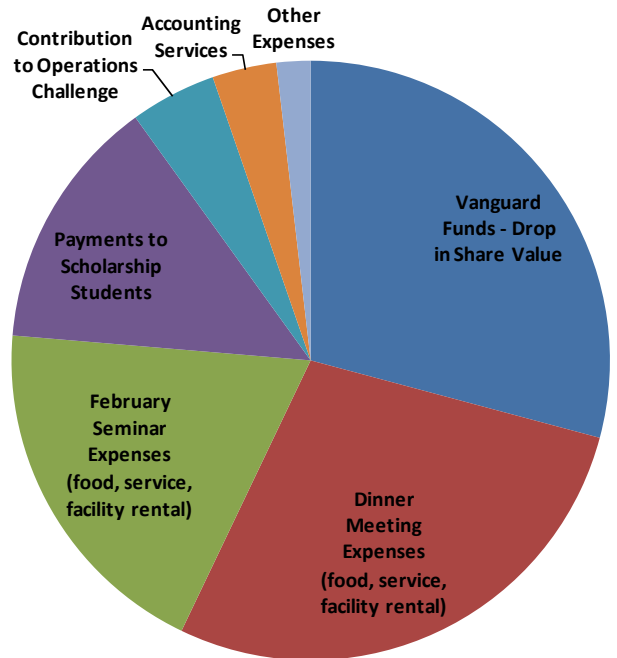
Revenues. The adjacent pie chart summarizes our FY08/09 revenues. This last financial year, we received almost \$40,000 in revenues, mostly from our February seminar, dinner meeting registrations, and company sponsorships. This number is in line with our revenues over the last few years.

Summary of FY08/09 Revenues



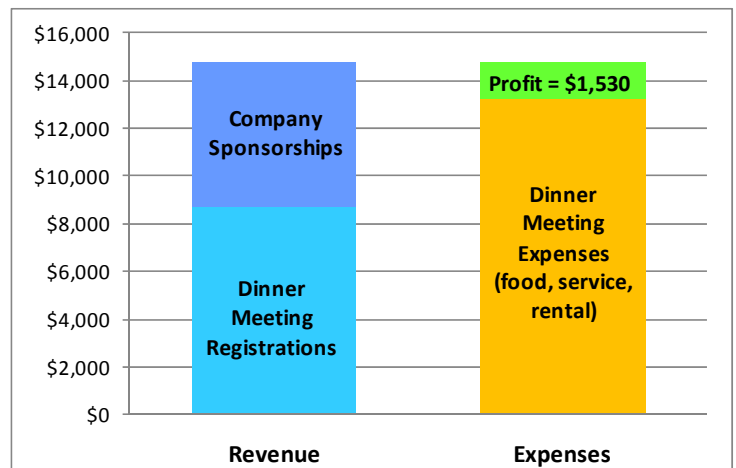
Our FY08/09 expenses were close to \$50,000, which is substantially higher than previous years. The main reason for the high expenses was the drop in value of our scholarship investment accounts. We have been impacted by the weak economy like everybody else, taking losses on our scholarship fund investments rather than earning interest and dividends. We also saw increases in the dinner meeting expenses (facility rental, food, and service costs).

Summary of FY08/09 Expenses



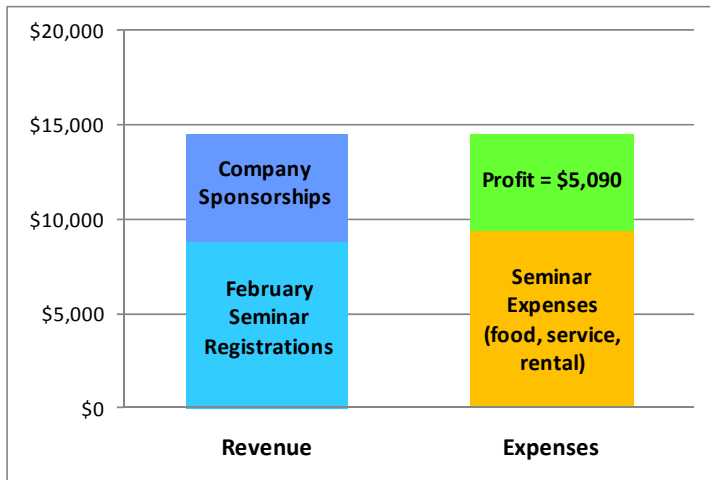
Dinner Meetings. Last year we increased our dinner registrations from \$15.00 to \$20.00. Even so, we barely break even on dinner meetings. As shown in the bar chart below, in FY08/09 we made a net “profit” of \$1,530 on dinner meetings. (I put “profit” in quotes, because WEAT-NTS is a not-for-profit organization. The difference between revenue and expenses is not really profit; it is money that we have available to pay scholarship recipients, to assist the Texas Operations Challenge teams, to sponsor the WEAT Young Professionals group, to support the regional science fairs, and fund the other activities that WEAT-NTS supports.)

Revenues and Expenses associated with Dinner Meetings



February Seminar. The 2009 February Seminar (“Sustainability: Making your Brown Greener”) was a great success. Like the dinner meetings, facility and food expenses are substantial, consuming about 2/3rds of the revenue. The 2009 seminar raised over \$5,000 in profits for WEAT-NTS.

Revenues and Expenses associated with the February Seminar



Concluding Comments: The members of the Executive Committee invest a lot of time behind the scenes planning and managing the Section’s finances. This is the second year that we have seen our total assets drop. For two years running we have suffered losses on our scholarship fund investments. Despite that, the section remains on a sound financial footing. This year we have sponsored 6½ students (½ meaning one student for part of the year), which is a new record for scholarship recipients. This is a testament that WEAT-NTS is determined to continue our success. Please continue to support us – we hope to see a high turnout at the February Seminar on “Poopers and Bloopers: The Joys of Designing, Building, and Operating (An Operators Forum)” and be on the look-out for future announcements on a WEAT-NTS sporting clay event in March.

WEAT E&I Committee’s Technical Seminar

The WEAT Electrical & Instrumentation (E&I) Committee held its fifth and final technical seminar of 2009 earlier this month. There were approximately 45 in attendance representing municipalities, suppliers, contractors, and engineering firms. The topics and presenters were:

- ◆ PLC Redundancy
Sammy Stratton – Rockwell Automation
- ◆ HMI Redundancy
Jim McMillon – Prime Controls
- ◆ Control System Reliability Assessment and Failure Recovery
James Glegg – Westin Engineering

The meeting lasted about 3 hours and was held at Reynolds Electric in Fort Worth. Reynolds Electric and Rockwell Automation provided the meeting facilities and lunch after the seminar. Based on the discussions between the audience and the various presenters, this meeting was very well received. Thanks to all for attending, thanks to John Wisniewski (Reynolds) and Kevin Nowak (Rockwell) for their generosity and hospitality, and especially thanks to the three presenters above for their excellent work.

The E&I Committee will be developing plans for approximately six more sessions next year. The first of these will be in January and is slated to cover Field Testing. For more information, please contact any of those on the E&I

JQ Infrastructure Announces New Hire

JQ Infrastructure (formerly MWB Group) is pleased to announce the addition of Shela Chowdhury, P.E. Shela obtained her undergraduate degree in civil engineering from the University of South Florida and a Masters of Engineering for the Massachusetts Institute of Technology. She has over 10 years of experience in pipeline design involving trenchless technologies for rehabilitation and replacement. Additionally, she has designed various components for large water and wastewater facilities including clarifiers, headworks, and filters for plants ranging from 540-800 MGD.

WEAT-NTS TOUR COWBOYS STADIUM NOVEMBER 2009





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Scholarship Fund	David Jackson	(214) 217-2257	(817) 332-6870	drj@freese.com
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	Jeff Sober	(972) 239-9949	(972) 239-9117	isober@carollo.com
Young Professionals-Ft Worth	Rick Shaffer	(817) 392-6821		rshaffer@cpyi.com
	Lauren Goodson	(817) 806-1745	(817) 870-2536	lgoodson@apainv.com

WEAT-NTS Calendar of Events

January 21, 2010	TexasStar	WEAT-NTS	Dinner Meeting
February 9, 2010	City Place	WEAT-NTS	February Seminar
March 18, 2010	Cowboys Golf Club	WEAT-NTS	Dinner Meeting

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**WEAT - North Texas Section
Presents**

***AN OPERATIONS FORUM:
POOPERS & BLOOPERS,
THE JOY OF DESIGNING,
BUILDING & OPERATING***

**February 9, 2010
City Place, Dallas, Texas
8:30 AM - 4:30 PM**

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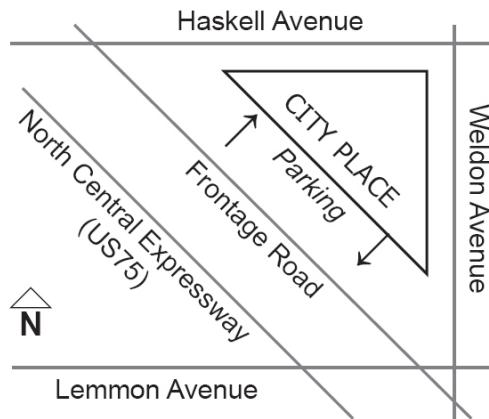
Seminar Location

The conference, breaks, and lunch will be at the City Place Conference Center located at 2711 Haskell Avenue, Dallas, Texas (214) 828-7050. City Place is located at the southeast corner of Haskell Avenue and North Central Expressway (US 75).

Registration: 7:30 a.m.

Average Cab Fare:

- from Love Field: \$15
- from DFW Airport: \$35



Directions:

From I75 exit to the east on either Haskell or Lemmon. City Place is the tall building east of I75 between Lemmon and Haskell. Parking is underground and complimentary.

For additional information contact:

Gilbert Trejo
 Malcolm Pirnie
 Phone: 817-877-9978
 Fax: 817-885-8676
 email: gtrejo@pirnie.com

* 6.0 PDH/CEU credits have been requested from TCEQ

Agenda

7:30a - 8:30a	Registration / Continental Breakfast
8:30a - 8:35a	Welcome
8:35a - 9:00a	The Status of Nutrient Management in Texas Jim Davenport (TCEQ) Peggy Glass (Alan Plummer Associates, Inc.)
9:00a - 9:30a	Operator Training with Today's Technology: Explore How to Supplement the Standard 20-Hr Course Rhonda Harris (Pro Ops, Inc.)
9:30a - 10:00a	The TCEQ Inspection Process Pixie Whitmore (TCEQ)
10:00a - 10:15a	Break
10:15a - 10:45a	Electrical Health & Safety Mike Query (Trinity River Authority)
10:45a - 11:15a	Coatings & Corrosion "101" Winston Silvia (Freese and Nichols, Inc.)
11:15a - 11:45a	Non-Conventional Odor Control Technologies Mark Perkins (Perkins Engineering Consultants, Inc.)
11:45a - 1:00p	Lunch
1:00p - 1:45p	Lessons Learned from Past Engineering Designs John Bennett (Trinity River Authority) Dawn Anderson (CP&Y, Inc.)
1:46p - 2:15p	Balancing Owners, Engineering, and Operator's Needs and Wants Rodney Chapin (Camp Dresser McKee)
2:15p - 2:45p	Plant Start-Up and Everyone's Role Brandon Evers (Dallas Water Utilities) Bill Tomerlin (Carollo)
2:45p - 3:00p	Break
3:00p - 3:30p	The Bid Process from the Equipment Vendors Perspective Keith Vierra (Treatment Equipment Company)
3:30p - 4:00p	Bidding to Get What You Want: Equipment Selection and Specification Richard Wagner (Dallas Water Utilities) Chamindra Dassanayake (Malcolm Pirnie)
4:00p - 4:30p	Project Budgeting from the Owner's Perspective Frank Crumb (Fort Worth Water Department)
4:30p	Adjourn

Registration

Please register me for this one-day seminar on February 9, 2010, from 8:30 AM – 4:30 PM

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