



# SOUTHEAST CIRCULAR

Publication of Water Environment Association of Texas,  
Southeast Texas Section

## Tour of the League City Southwest Water Reclamation Facility



The League City Southwest Water Reclamation Facility (SWWRF) was constructed on the west side of the City to replace the aging and land-constrained Countryside WWTP and serve the growing west and southwest service areas. The facility is designed to treat 4 MGD of average daily flow (ADF), with a peak two-hour flow (PF) of 12 MGD. The City opted to refer to it as a Water Reclamation Facility, as opposed to a Wastewater Treatment Plant, in order to emphasize the reuse quality water that will be generated from the facility and distributed to customers throughout the service area.

The facility features fine step screens, stacked tray grit removal, fine bubble conventional activated sludge aeration basins with anoxic bioselectors, high-speed turbo blowers, dissolved oxygen control system for energy savings, spiral blade clarifiers with energy dissipating inlets, sludge concentration rings, and brush cleaning systems, disk filters, UV disinfection, aerobic sludge holding tanks, and centrifuge dewatering. The facility is nearing completion of construction and commissioning and raw wastewater was redirected to the influent lift station in November of 2012.



## Meeting Notice

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### League City Facility Tour

**Time:** Registration 11:00  
Lunch 11:30  
Tour 12:00

**Place:** SWWRF (See page 8 for details)

**Luncheon:** \$20 (includes box lunch)  
\$15 for students/public employees

### Sponsor:

**CDM Smith**  
**EI<sup>2</sup>**  
**Vision Equipment**

**RSVP:** on the web page at:  
[www.weat.org/southeast/meeting-notice.html](http://www.weat.org/southeast/meeting-notice.html)  
or email [weatsoutheast@gmail.com](mailto:weatsoutheast@gmail.com)

## The President's Message

Dear WEAT Members,

Happy New Year! To start this year we have a tour of the City of League City's WWTP. We are very grateful to the City for providing us this opportunity to visit their brand new wastewater plant. I would also like to thank our sponsors for this event CDM Smith, EI2 and Vision Equipment.

We also have a very busy Spring planned for the section. We are also in discussions with the HGAC for a full day CMOM conference in coordination with the ongoing BIG efforts. More details will be available once a date is finalized. Of course we are going to offer our annual ethics class in May.

This year we are also working on our first annual Clay Shoot Tournament. This will be a great networking opportunity and will allow our members to enjoy a great day outside of the office. We are early in the planning efforts now, but more details will be available on our website as they become available.

WEAT is also helping in the planning of Texas Water 2013 being held in Galveston this year. It's always exciting working on the biggest water conference in the Country and we look forward to this being the best one yet.

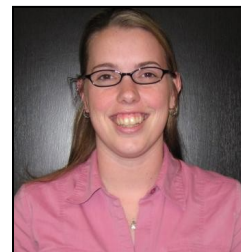
We are working heavily on our Young Professionals opportunities. We have decided to combine our efforts with TPWA and AWWA to allow for larger venues and to broaden participation. To ensure that we are meeting our members needs we sent a survey to our entire distribution list asking about what venues would Young Professionals be interested. We got a lot of good feedback from the survey and will have our first venue in February so please keep a look out for details.

I would like to encourage everyone to volunteer to be a judge for the Science Fair of Houston. This is a great way to support the next generation of scientists and engineers. Please see the enclosed flyer for more details.

We would also like to ensure that we have everyone's correct contact information. If you do not receive emails from us and would like to start please email us at [weatsoutheast@gmail.com](mailto:weatsoutheast@gmail.com) or go to our website at [weat.org/southeast](http://weat.org/southeast).

I am thrilled about our plans for this season and look forward to working with my fellow officers and chairs. If you have any interested in becoming an officer or getting more involved in our organization please talk to me or one of the other officers.

Thank you!



Lindsay Kovar, P.E.  
Section President



## Hot Topics

### Texas Water 2013

April 9-12

Moody Gardens Hotel and Convention Center

Galveston, Texas

The annual Texas Water conference is once again heading to Galveston for 2013. Dedicated volunteers from WEAT and Texas Section AWWA have worked countless hours to make TW13 a seamless event that will bring home the knowledge that will advance the wastewater and water industry.

From the Exhibit Hall featuring more than 450 booths to the technical sessions, jam-packed with cutting-edge information, you'll join 2,500 representative of the Texas wastewater/water industry who have concluded... "If you're only going to attend one water conference this year, Texas Water 2013 is the place to be."

See website for more information:

<http://www.texas-water.com/>

### CMOM

March

Capacity, Management Operation & Management

WEAT Southeast will be partnering with HGAC on an upcoming CMOM Workshop in the Houston area.

Details coming soon!

### Events Calendar

|                           |            |
|---------------------------|------------|
| Young Professionals Event | February   |
| Science Fair of Houston   | March 1    |
| CMOM Workshop             | March      |
| Texas Water 2013          | April 9-12 |

### WEAT Webinars

Stormwater

May 2013

Asset Management

June 2013

### Plant Tour and Meeting Sponsors for January



Established in 1966, Environmental Improvements, Inc. is a manufacturer's representative that continues to provide treatment solutions for the water and wastewater market. At EI<sup>2</sup> we strive to use our past success as a base for our future achievements. Our corporate focus is to meet our customers' needs by representing quality products that offer proven and established technology. In addition, we offer field service and technical support for all of our products to keep your process running smoothly. We value and appreciate the opportunity to provide solutions to your process needs and we understand that professional sales and service, coupled with representing top tier products, is the avenue to a loyal customer.



CDM Smith provides lasting and integrated solutions in water, environment, transportation, energy and facilities to public and private clients worldwide. As a full-service consulting, engineering, construction, and operations firm, we deliver exceptional client service, quality results and enduring value across the entire project life cycle.

### Plant Tour and Meeting Sponsors for January



#### **Environmental Process Technologies**

Vision Equipment LLC is a Manufacturer's Representative organization with offices throughout Texas and Oklahoma, providing consulting engineers and owners with access to a full range of water and wastewater treatment equipment of the latest design and performance characteristics.

Vision Equipment sales and service staff have a long history in the environmental treatment market in Texas and Oklahoma, including equipment specification and supply, operator training and system troubleshooting. Service personnel include a Class A Operator, for both water and wastewater.

Founded in 2003, and registered with the State of Texas as an HUB entity, the company has grown rapidly to include 6 offices in Texas and one office in Oklahoma City

# SOUTHEAST CIRCULAR

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## 2012-2013 Officers

### President

**Lindsay Kovar, P.E.**

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### Past President

**Richard Weatherly, P.E.**

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## Committee Chairs

### Section Representative

**Kim Chanslor, P.E.**

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### Awards Committee

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### Water for People & Young Professionals Committees

**Ambarish Ravichandran**

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### Public Education Committee

open

### Website Committee

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### Sponsorship Committee

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### Program Committee

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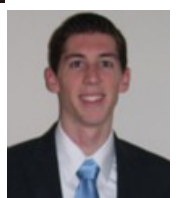
Monica



Richard



Meera



Daniel



## Supporters of WEAT – Section 9



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## Directions to the SWWRF:

From I-45:

Exit FM 518 (Main St) and head west

Drive 3 miles and turn left on Maple Leaf Drive

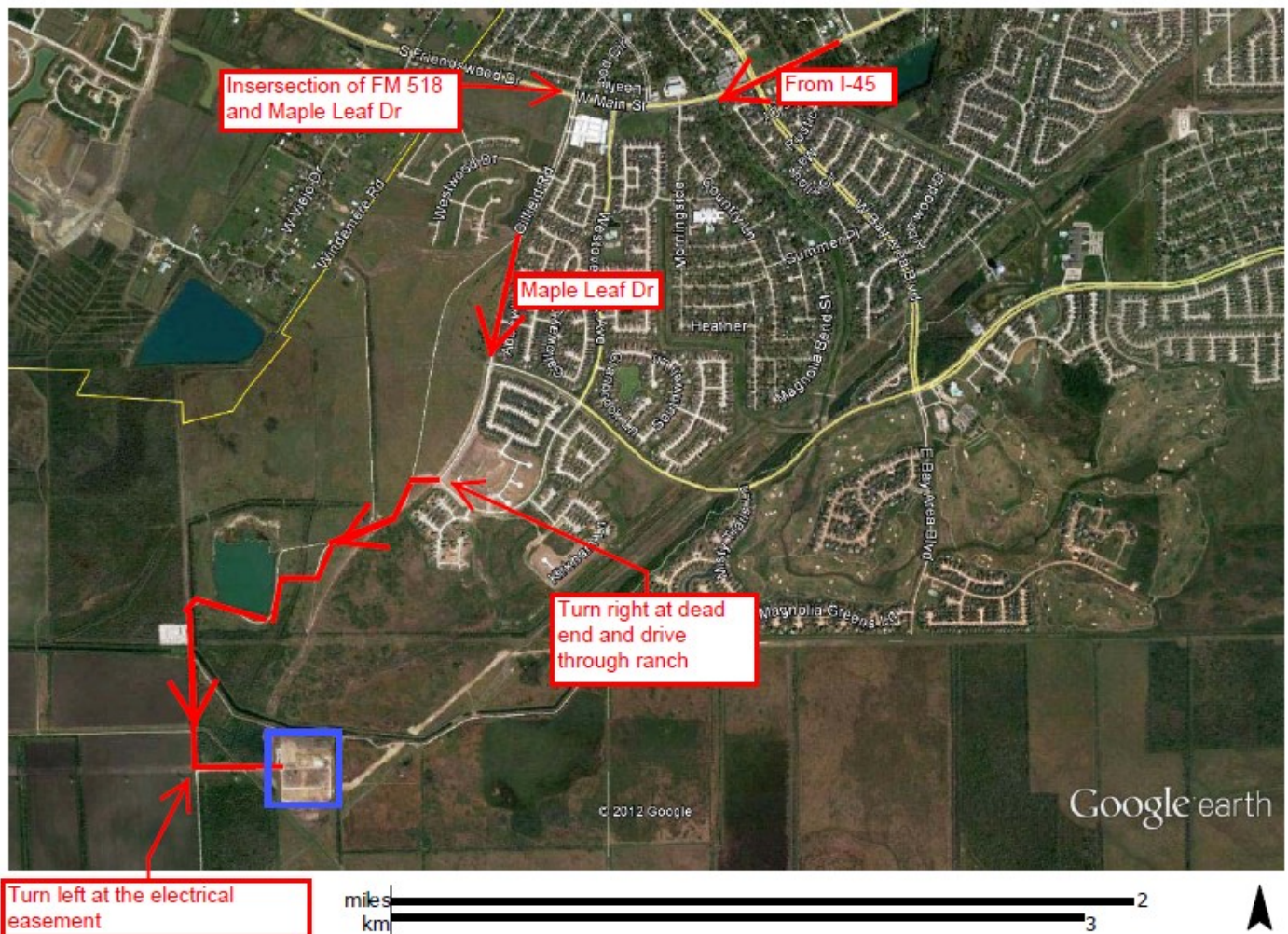
Drive 1.2 miles and turn right at the dead end.

(There is a League City facility sign as you enter the ranch property)

Follow the ranch road around the reservoir and across the American Canal.

Turn left at the electrical easement and enter the plant gate.

**\*\* Please carpool if possible, parking is limited \*\***







## WEAT ANNOUNCEMENT

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### Volunteer Judges Needed for Science & Engineering Fair of Houston

**Friday  
March 1**

We will have the Science & Engineering Fair of Houston coming up on Friday, March 1 and are looking for volunteers from both WEAT and SETAWWA. SETAWWA and WEAT annually team up to present awards at the Science & Engineering Fair of Houston. Awards will be presented in all age groups to the students who win water-related projects. We are in need of volunteers to help in judging these exceptional students. The judging will take place on March 1, 2013 at 6:00 pm in the George R. Brown Convention Center. If you are interested in volunteering or would like more details, please contact Jennifer Mays at [jmays@browngay.com](mailto:jmays@browngay.com)

Details:

- Note that *anyone* with a background in environmental science or engineering is welcome to be a judge and enjoy the fun of discovering the next generation of scientists and engineers.
- **On Friday evening, March 1**, SETAWWA & WEAT **volunteer judges** will arrive between **5:45 pm and 6:00 pm** and be assigned an age group of students to judge.
  - Depending on the number of volunteers, they can either judge all of the projects in an age group or break up into subgroups and choose the best ones to reevaluate
  - Volunteer judging is from 6:30 to 9:30 pm. In which you visit with each assigned student and review their water project data and results.



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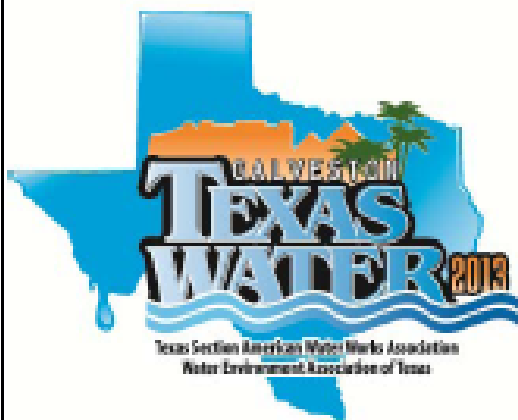
### ***WEAT and WEF Award Nominations***

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Do not miss this opportunity to nominate your peers for a WEAT award. It is that time of year again, and we are currently taking nominations for those hard working folks in the wastewater industry that deserve our recognition and celebration. Check out our full list of awards and past recipients at [www.weat.awards.shtml](http://www.weat.awards.shtml). Submit your nominations for awards to Kim Chanslor at [chanslorkm@cdmsmith.com](mailto:chanslorkm@cdmsmith.com) by January 22. For a complete list of past awardees, awards categories, criteria, and nomination forms, go to [www.weat.org/awards.shtml](http://www.weat.org/awards.shtml).

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# Dodson's Drive

## Fun Run/Walk

### Sponsorship Opportunities

The Dodson's Drive was created in the spring in 2011 to honor the life and work of Kenneth Dodson. Kenny D worked in the wastewater industry for 20 years and was a tireless supporter of YP education and growth. The Texas Water 2013 Dodson Drive Fun Run features a scenic 5K run around Moody Gardens on Galveston Island. Sponsors for this year's event will help benefit the Dodson Drive and raise funds to support WEAT/TAWWA Young Professional activities around Texas and send YPs to the YP Summit in Glendale, AZ. The Texas Water Dodson Drive fun Run is free for all runners and will depart at 7:00am Wednesday, April 11 from Moody Gardens. This is your opportunity to be a special part of Texas Water and the Dodson Drive!

#### Sponsorship Levels

- Diamond T-Shirt Sponsor\* .....\$1000
- Platinum T-Shirt Sponsor.....\$500
- Gold T-Shirt Sponsor.....\$250
- Any Amount is Welcome!

**DEADLINE FOR SPONSORSHIP  
FEBRUARY 22**

#### Sponsorship Recognition

T-Shirt Sponsors will receive the following recognition

- Signage at event
- Listing in Conference Program
- Recognition in WEAT's and TAWWA's pre and post conference publications

*Diamond Sponsor* will receive large logo on T-shirt and Team Registration

*Platinum Sponsor* will receive smaller logo on T-Shirt

*Gold Sponsor* will receive name on shirt

Firm Name \_\_\_\_\_

(List Company Name EXACTLY as you wish it to appear in printed materials)

Contact Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Phone \_\_\_\_\_ Email Address \_\_\_\_\_

Check is enclosed  Charge my CC  VISA  MC  DISCOVER  AMEX

Card # \_\_\_\_\_ Expiration Date \_\_\_\_\_

Cardholder Name \_\_\_\_\_

Cardholder Signature \_\_\_\_\_

**MAKE CHECK PAYABLE TO: Water Environment Association of Texas**

Return with payment to:

Texas Water 2013

c/o Water Environment Association of Texas (WEAT)

1825 Fort View Rd., Suite 102, Austin, TX 78704

Phone: (512) 695-0060, Fax: (512) 695-0062, Email: Julie@weat.org

**\* Diamond Sponsors receive a free team registration! This includes 4 poly-tech shirts with your custom logo and team name. Don't miss the opportunity to run the Fun Run as a Team!**