



# SOUTHEAST CIRCULAR

Publication of Water Environment Association of Texas,  
Southeast Texas Section

## Featured Event — Missouri City Water Plant Tour

Back by popular demand, the January Meeting will be another facility tour! Missouri City has a new membrane water treatment plant online and WEAT members are invited to tour the facility on Thursday, January 26th, 2012.

The plant includes an earthen 100 MG raw water reservoir, flocculation followed by high-rate plate settlers for sedimentation, microfiltration using Pall Corporation membrane system, on-site 12.5% sodium hypochlorite generator, 1.5 MG clearwell, a finished water transfer pump station, and on-site residuals handling prior to landfill disposal of dried solids. The plant initially operates at 10 MGD but will ultimately provide 33 MGD.

The plant was constructed in response to the City's Groundwater Reduction Plan which requires the City and all MUDs in their ETJ to use 30% surface water by 2013. The City's surface water sources for this new plant are the Brazos River and the Gulf Coast Water Authority.

Phase 1 of the plant (10 MGD) was bid at \$27.1 million.

The GRP Oversight Committee included HDR, Enprotec/Hibbs & Todd, Water Resources Management and Pepper-Lawson.

Do not miss the opportunity to visit this exceptional facility. See pages 6 and 7 for a map and parking instructions.



727.520.888  
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Missouri City Surface Water Treatment Plant

Image # 101130 6068  
Date 11.30.10

## Meeting Notice

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**Thursday  
January 26th**

### Missouri City Water Plant Tour

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

**Place:** See maps on pages 6 and 7

**Luncheon:** \$20 (includes box lunch)

**Sponsor:**

**EI<sup>2</sup>**

**RSVP:** Monica Stiggins (281-589-7257)  
or monica.stiggins@klotz.com

**Please RSVP no later than Jan. 24th**

## The President's Message

Dear WEAT Members,

Welcome back! I hope everyone had a great holiday season. We have a pretty exciting start to 2012 and it all kicks off next week. After the successful November meeting where we toured the City of Houston 69th Street Wastewater Treatment Plant, we have another tour planned for our members on January 26th. This time it will be a water facility and will be a tour of the brand new Missouri City Surface Water Treatment Plant. The meeting will be a joint meeting with our friends at the Texas Public Works Association (TPWA). Again, I encourage everyone to come out for the tour and bring younger colleagues that may have not have been to many water treatment plants.

Also in the works is our joint technical seminar with AWWA. Our Seminar Planning Committee has some great guests lined up so far and we are finalizing the agenda and dates. The meeting will be held at Hess in late February. We will let everyone know as soon as we have a firm date. We always have a great agenda and turnout and this year will be no different.

I probably sound like a broken record but we are very close to launching our new section website! We had a setback when we learned that our Website Chair, Cory Henry, was leaving Houston and we have brought in other officers to help take up the slack. I wanted to wish Cory good luck and thank him for all of his hard work over the years.

Until our website is complete, it will be unavailable so please RSVP for the tour to Monica Stiggins at (281) 589-7257 or [Monica.Stiggins@klotz.com](mailto:Monica.Stiggins@klotz.com)

I want to say a special thanks to EI<sup>2</sup> for sponsoring the January treatment plant tour. Please contact me or Frank Stephens ([Frank.Stephens@arcadis-us.com](mailto:Frank.Stephens@arcadis-us.com)) if you are interested in sponsoring a meeting or placing your company's advertisement in our newsletter.

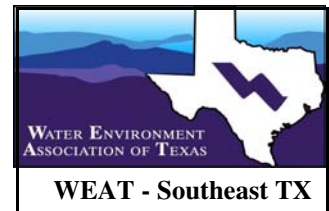
We will inform our membership of the exact dates of the next meetings as soon as possible but see below for our schedule for the rest of the season.

I look forward to seeing you all at the field trip next week. For those that can not attend the tour, we hope to see you at the next meeting

Richard



Richard Weatherly, P.E.  
Section President



### Southeast Section Events Calendar

WEAT/AWWA Joint 1/2 day Seminar (HESS)

February (date TBD)

Engineering Ethics Meeting at HESS

May

## Meeting Sponsors for January

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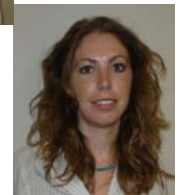
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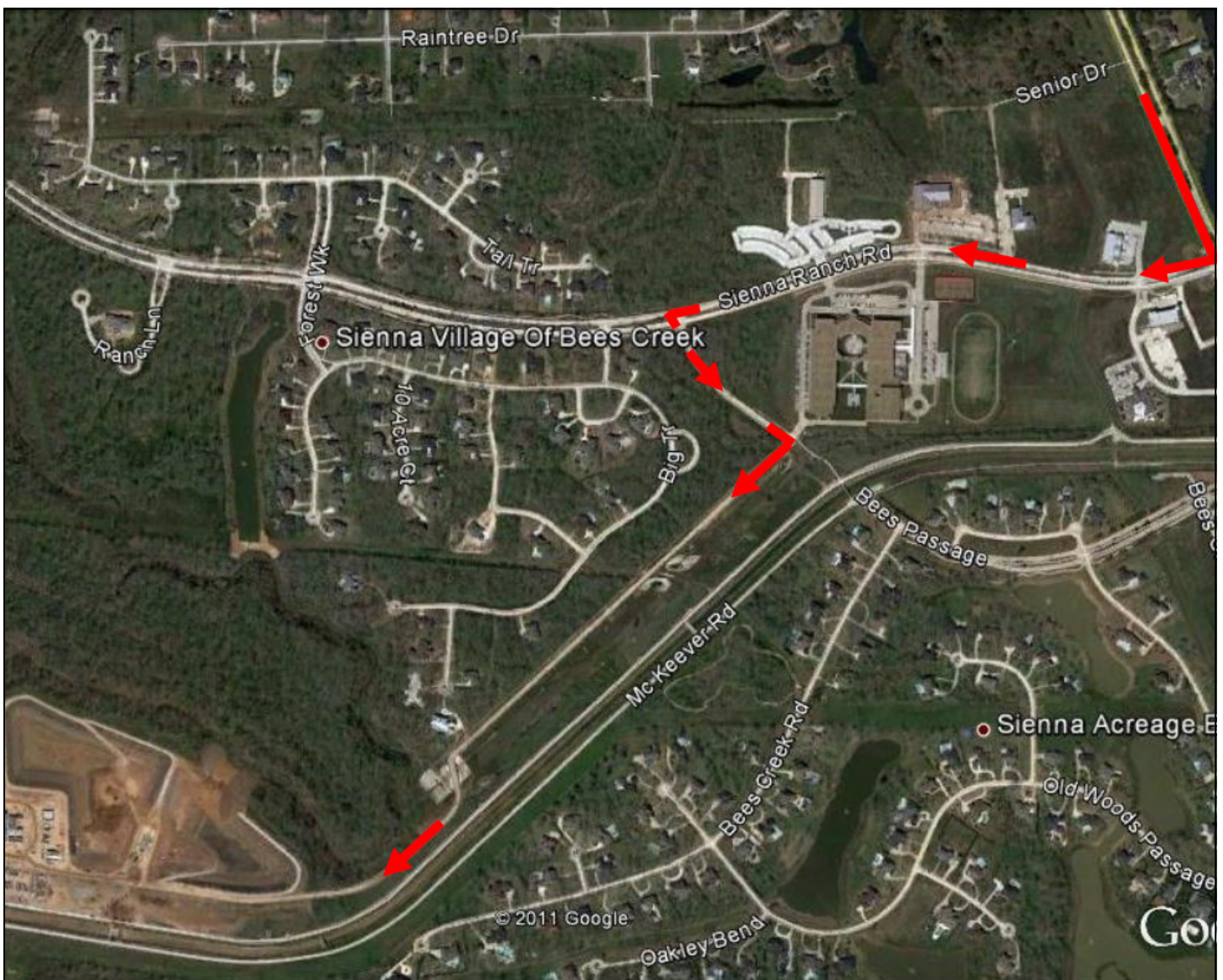
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## DIRECTIONS TO Missouri City Water Treatment Plant

8850 ½ Sienna Ranch Road, Missouri City, Texas

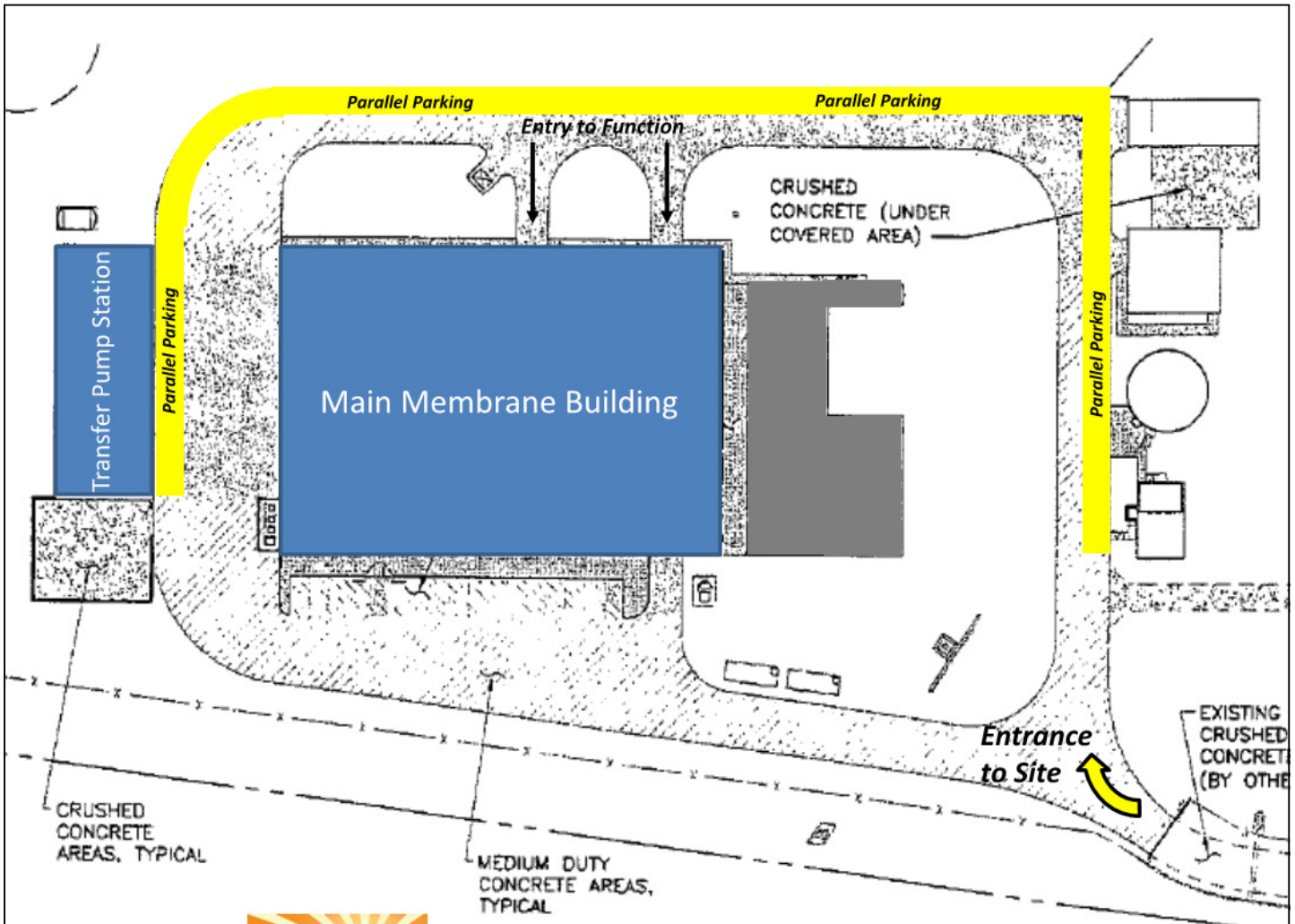
From the intersection of Highway 59 and Highway 6 head southeast on Highway 6 for about 8 minutes then turn right on Sienna Parkway. Turn right again on Sienna Ranch Road. Take first left after middle school onto Bee's Passage. At end of Bees Passage turn right on gravel road. This road will lead you to SE entrance of Plant.

**Note that parking is limited so carpooling is encouraged!**



## Parking at the Missouri City Water Treatment Plant

Please note that parking is limited so carpooling is strongly encouraged.



### Surface Water Treatment Plant – Parking Plan

Enter the site at the SE corner entrance. Proceed to the north and around facility. Attendants will be providing direction.