



SOAH Judges Issue Draft Recommendations to TCEQ

The Administrative Law Judges (ALJs) released their recommendations at the end of September in the contested case hearing between Post Oak Clean Green, Inc., TCEQ and opposition GCGCD, Cities of Seguin & Schertz, Guadalupe County, SSLGC and SPOD. The draft order recommended TCEQ grant the permit application to POCG for a new Type 1 Municipal Solid Waste Landfill in Guadalupe County. The facts taken under consideration by the judges are outlined in the [proposal for decision](#) and [draft order](#) which impose restrictions on the permit. Two pages of modifications were attached to the decision which point out deficiencies in the proposed landfill application.

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GCGCD NEWS



FALL 2016 Newsletter

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TEXAS ALLIANCE OF GROUNDWATER DISTRICTS
TEXAS GROUNDWATER SUMMIT

Moving Groundwater in Texas – Panel Discussion



Kelley Vickers, James Beach, William Dugat, Anastasia Valdes



Anastasia offers the water market perspective.

James describes challenges consultants face working with lawyers, districts and permit applicants.

Bill explains how the permit process is outlined by Chapter 36 TX Water Code.

Kelley remarks "As far as the aquifers are concerned, it's irrelevant if the water is transferred across county lines. The water is being removed. That is why GCD's are so important. We manage that withdrawal".

Kelley Vickers discusses the process GCGCD takes in considering a permit application – emphasizing how all permits are treated equally as production permits. GCGCD does not distinguish between exported versus non-exported permits. "Our primary concern is managing the health of the aquifers. As a GCD, our job is to preserve, conserve and protect the resource – and we do that through management using the best available science".



Mike Gershon asks Russ Johnson and the panel to discuss challenges districts, consultants and legal staff face when dealing with controversial groundwater exportation permitting.



Photos courtesy of TAGD



Scheduled to be on line in
October 2016

GCGCD District staff, along with members of TAGD, toured the soon to be completed SAWS Twin Oaks desalinization plant in late August.



Reverse osmosis membranes will filter an estimated 12 million gallons a day of brackish Wilcox groundwater.



Kelley & Ron take a selfie



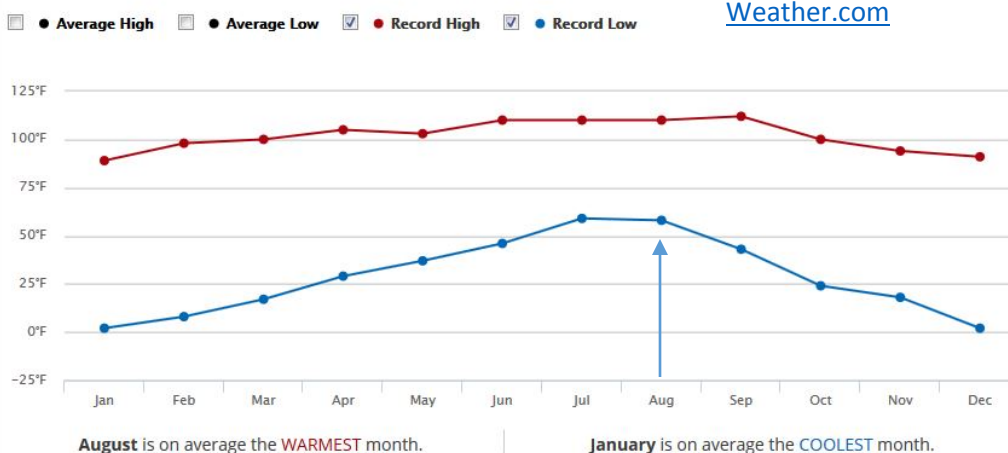
Roberto Macias – SAWS ASR plant manager - addresses TAGD audience prior to field trip.

WEATHER INFO



How often did you mow this summer?

Monthly Average/Record Temperatures



Did you know?

The **coldest** temperature ever recorded was in August! Not in Seguin though.....Antarctica! Aug. 20, 2010

-135.8°F Burr!!

Seguin's record August low was 58°F

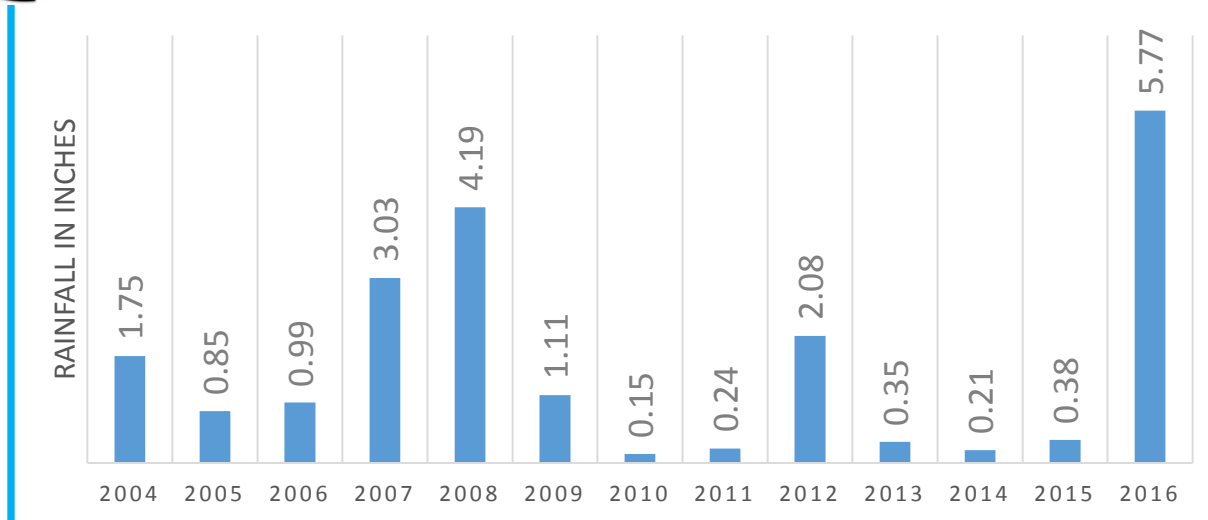
8/30/1986

Source: NASA satellite data

Record Breaking rainfall this August!



GCGCD AUGUST RAINFALL COMPARISONS
2004-2016





DON'T LOSE HOPE – THIS ISN'T OVER YET!

JUST BECAUSE the recommendation is to grant the permit – TCEQ has not yet issued the permit. The Commissioners could choose to deny the permit outright based on the deficiencies in the application noted by the ALJ's.



Permit

Continued from Pg. 1

TCEQ is expected to hold a permit hearing within the next few months. At that time, the Commissioners will consider the ALJ's recommendations, the legal briefs submitted by all involved parties outlining exceptions to the Proposal for Decision and then ultimately vote. The deficiencies in the application may be enough for the Commissioners to deny the permit or to issue with limitations of their own.

A summary of ALJ's recommended list of permit modifications for TCEQ to consider include:

1. Additional updated groundwater monitoring data
2. Asphalt overlay of roadways
3. Plugging, capping and closing of oil and gas wells
4. Time restrictions on waste acceptance and heavy machine operating hours
5. Operating hours for special circumstances
6. Consulting with Randolph Airforce Base Commander to address concerns
7. Equipment to detect radioactive waste which is prohibited by law
8. On site scattered litter to be picked up once a day
9. Denied permission to use an alternate liner

GCGCD Rule 8.1

"In no event may waste or sludge be permitted to be applied in any manner in any outcrop area of any aquifer within the Guadalupe County Groundwater Conservation District".



*Why site this over our
drinking water supply?*

Did your well flood?

After flooding, your private well and plumbing should be disinfected and tested before you drink the water. Flood waters can carry harmful bacteria and other organisms that could contaminate your well.

TCEQ Water Supply Division has a helpful informative pamphlet with directions on [Disinfecting Your Well](#).

If you're not the 'do-it-yourself' kind of person, call a plumber or licensed water treatment specialist to have it done for you.

Test the water to ensure it is safe to drink!

TCEQ has a list of [accredited Public Health Laboratories in Texas](#).

EPA has a very informative publication on source pollution and protecting your household water supply: [Drinking Water from Household Wells](#)

Domestic water wells do not have the same federal or state monitoring requirements for drinking water quality. That is why it is so important that private well owners understand their wells.

[Texas Well Owner Network](#) offers many programs to help private well owners educated themselves on well maintenance, water quality & treatment, water conservation methods, septic systems and much more. Free educational classes are offered which include screening for common contaminants such as fecal coliform bacteria and nitrates. For more information - Join the TWON and stay informed.

Click on Link below to receive helpful information

Texas Well Owner Network

Another Excellent Source of Information on Water Well Basics, Maintenance, Water Quality, Testing & Treatment

Keep your pump house clean!

Never store chemicals, paint, gasoline, oil, pesticides, fertilizer or other hazardous items in your well house. Spilled chemicals can leach into the soil surrounding your wellhead or enter through exposed cracks in surface casing.



For New Wells

Make sure your well is installed by a Licensed Well Driller! To find a licensed driller in your area – search the Texas Department of Licensing and Regulation [TDLR website](#)

NGWA WellOwner.org
Informing consumers about groundwater and water wells.



Aquifer Levels



GCGCD September 2015 - September 2016

Water Level Summary Report

By William B. Klemt, Geologist

- Water Levels in the Carrizo aquifer have declined somewhat in the outcrop
- The largest Carrizo measured water-level declines were in the CRWA area
- Wilcox aquifer water levels are up slightly indicating recharge and less pumpage due to the fall 2015 and spring 2016 rains
- Small to moderate long-term water-level declines in the Carrizo aquifer are expected, because of SSLGC, SAWS, SHWSC and CRWA well fields in Guadalupe & Gonzales Counties



Photo courtesy of TAGD

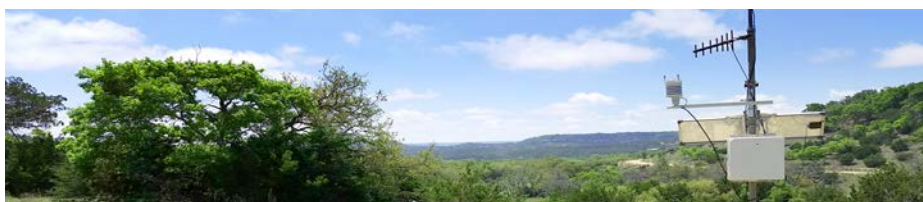
Bobby Bazan, Water Resource Specialist at Post Oak Savannah GCD, shows off the steel tape he uses to collect water levels during the “Boots on the Ground: A Field Tech’s Perspective” panel at TAGD.



CRWA has completed drilling & development on the two new Wilcox aquifer wells. Permanent pumps are being installed and both wells are anticipated coming on line sometime early next year. The Wilcox water will be blended with the current system.



Pumping test – Wells Ranch



Click here



GCGCD is excited and proud to join forces with [TWBD TexMesonet](#) program to bring accurate real time weather information to our District. We are currently working towards installing several new weather stations which would be capable of measuring precipitation, temperature, wind speed, relative humidity, barometric pressure, solar radiation, soil moisture and temperature. Three additional secondary stations like the one pictured (below) will measure temperature, precipitation and soil moisture.

The site is updated every 15 minutes!



Secondary Station



Current TexMesonet area does not cover Guadalupe County

Mesonet = Network of automated weather stations closely spaced capable of tracking meso-scale meteorological events like thunderstorms or wind gusts.

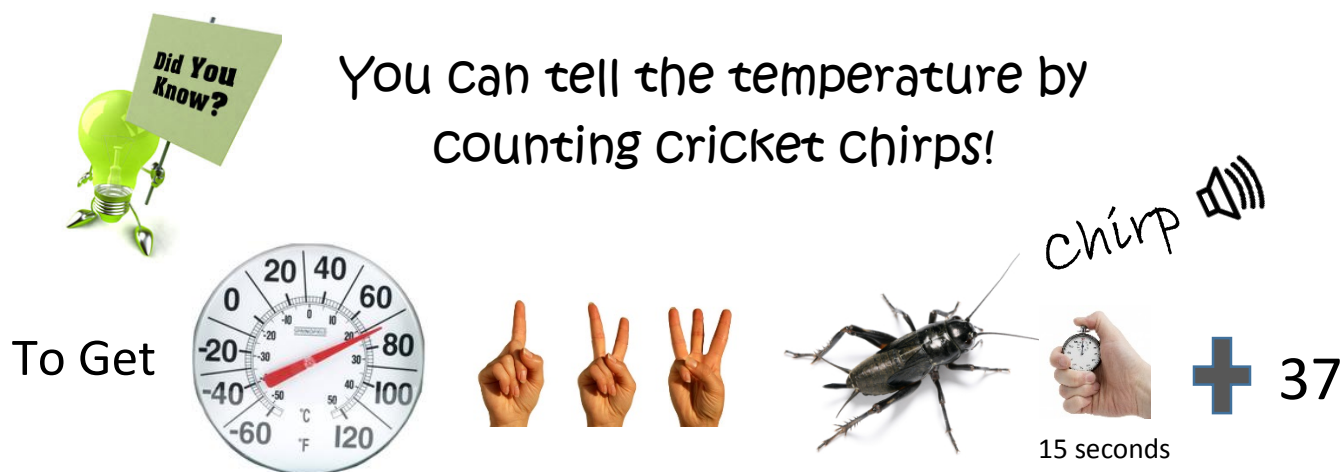
“One of the primary goals of the TexMesonet is to create a unified virtual network of high quality data for flood monitoring and flood forecasting by the National Weather Service and Regional River Authorities.

Data from the TexMesonet sites and hundreds of other locations around Texas are streamed to a web viewer to help Texans see and respond to changing weather situations and plan for the future”. TWDB



Primary Station

October 12 th	GMA 13 EUWCD office 110 Wyoming Blvd. Pleasanton, TX – 10 am
October 13 th	GCGCD Board Meeting @ GVEC 927 Hwy 46 N, Seguin, TX – 4:30 pm
October 28 th	TGWA meeting @ Embassy Suites San Marcos, TX – 1 pm
November 3 rd	Region L meeting @ SAWS Service Center, San Antonio – 9:30 am



According to the [Library of Congress](#) “The frequency of chirping varies according to temperature. To get a rough estimate of the temperature in degrees Fahrenheit, count the number of chirps in 15 seconds and then add 37. The number you get will be an approximation of the outside temperature”.

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