

**Gonzales County Underground Water Conservation District  
Manager's Report  
April 2016**

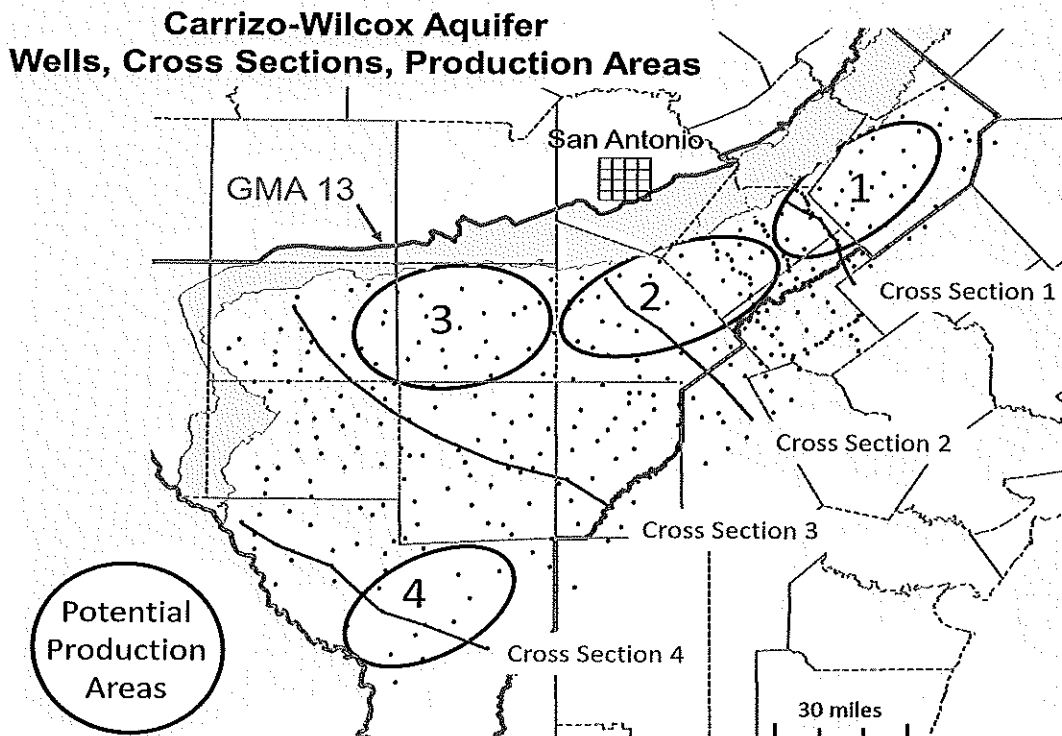
On April 4<sup>th</sup> Craig Hines and I registered \_\_ water wells along FM 1116. This included – Carrizo Aquifer wells and \_\_ Yegua Aquifer wells. These wells, which were listed on the TCEQ's database, were drilled during the period from the 1960's to 1980's and the well locations were identified on the well reports with hand drawn maps. Mr. Hines was able to assist us in locating these wells due to his knowledge of the current and past landowners in the FM 1116 area.

On April 5<sup>th</sup> I attended a meeting at the NGL Water Solutions salt water disposal well facility to view their operations and future plans for Gonzales County. Keith Schmidt with the Gonzales Fire Department, Judge David Byrd, and County Commissioner Dale Whiddon were also in attendance. We were given a walk-through of the facility and provided information about their operations and safety equipment.

On April 15<sup>th</sup> I attended the second Stakeholder Advisory Forum for the GMA 13 Brackish Groundwater Mapping Project meeting in Pleasanton. The Texas Water Development Board's contractor discussed the projects objectives and methods and introduced the preliminary proposed brackish groundwater production zones for the GMA 13 area as described below:

1. The Carrizo and Upper Wilcox are combined into one layer unlike our current Groundwater Availability Model (GAM) which has separate Carrizo, Upper Wilcox, Middle Wilcox, and Lower Wilcox layers.
2. No Carrizo - Upper Wilcox brackish areas were defined, except for one area in Webb County.
3. The Middle Wilcox is considered a shale hydro-geologic barrier separating the Carrizo – Upper Wilcox from the Lower Wilcox.
4. Lower Wilcox brackish zones were defined in Gonzales, Wilson, and Frio Counties.
5. These defined brackish zones may be altered based on the amount of brackish production already occurring within the zone or on the use of the zone by the oil & gas industry.

The map below shows the proposed brackish groundwater production zones.



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On April 15<sup>th</sup> I reviewed the Water Well Plugging Services Invitation to Bid Forms (ITB No. 03242016) submitted by Friedel Drilling Company, Alsay Incorporated, Thomas Moy & Sons Water Well, Weisinger Incorporated, Peerless Equipment, and Layne Christensen. The low bid was Friedel Drilling Company at \$74,871. The bids ranged from \$74,871 to \$247,567.

On April 20<sup>th</sup> I met with Representative John Cyrier in Gonzales to discuss water related issues.

On April 21<sup>st</sup> I attended the Gonzales County Underground Water Conservation District's Board Workshop on the GMA-13 Proposed Desired Future Conditions held in the County Commissioners Courtroom.

On April 25<sup>th</sup> I met with Senator Lois Kolkhorst in Brenham to discuss water related issues.

April 26<sup>th</sup> I met with Committee Director/General Counsel Jeremy Hagen of the Senate Committee on Agriculture, Water & Rural Affairs in Austin to discuss water related issues.

On April 27<sup>th</sup> I attended the Groundwater Management Area (GMA) 13 meeting in Pleasanton. Voting members unanimously approved Proposed Desired Future Conditions and designated non-relevant aquifers as indicated in the May 2, 2016 letter (see attached) submitted to the GMA 13 member districts by the GMA 13 Administrator. The 90 day Public Comment period extends from May 2, 2016 to August 1, 2016 and each GMA 13 groundwater District is required to hold a Public Hearing within that 90 day timeframe.

SSLGC's April production was about \_\_\_\_\_ ac-ft which is about \_\_\_\_% of the monthly allowable production.

CRWA's April production was about 107 ac-ft which is about 32% of the monthly allowable production.

SAWS April production was about \_\_\_\_\_ ac-ft which is about \_\_\_\_% of the monthly allowable production.

AQUA's March production was about 20 ac-ft which is about 5% of the monthly allowable production.

The Palmer Drought Index, as of April 26, 2016 indicates that we are not under any drought conditions.

Gonzales County Underground Water Conservation District

920 Saint Joseph  
P.O. Box 1919  
Gonzales, Texas 78629  
Phone 830.672.1047

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May 2, 2016

To: Board President or Designated Representative of the Edwards Aquifer Authority, Evergreen Underground Water Conservation District, Gonzales County Underground Water Conservation District, Guadalupe County Groundwater Conservation District, McMullen Groundwater Conservation District, Medina County Groundwater Conservation District, Plum Creek Conservation District, Uvalde County Underground Water Conservation District, Wintergarden Groundwater Conservation District

**RE: Groundwater Management Area 13 – Proposed Desired Future Conditions**

Dear Board President or Designated Representative:

Groundwater Management Area 13 (GMA 13) approved the following proposed desired future conditions at the April 27, 2016 meeting and designated non-relevant aquifers at the March 30, 2016 meeting. Due to limitations with the model as described in Technical Memorandum 16-08 two proposed desired future conditions were selected for the Carrizo-Wilcox/Queen City/Sparta Aquifers as described below.

- The first proposed desired future condition for the Carrizo-Wilcox/Queen City/Sparta Aquifers in Groundwater Management Area 13 is that 75 percent of the saturated thickness in the outcrop at the end of 2012 remains in 2070. This desired future condition is considered feasible despite model predictions to the contrary as detailed in GMA 13 Technical Memorandum 16-08.
- In addition, a secondary proposed desired future condition for the Carrizo-Wilcox/Queen City/Sparta Aquifers in Groundwater Management Area 13 is an average drawdown of 48 feet for all of GMA 13. The drawdown is calculated from the end of 2012 conditions to the year 2070. This desired future condition is consistent with Scenario 9 as detailed in GMA 13 Technical Memorandum 16-01 and GMA 13 Technical Memorandum 16-08.
- The proposed desired future conditions for the Yegua-Jackson Aquifer in Groundwater Management Area 13 are summarized in GMA 13 Technical Memorandum 16-04 (Draft 1). For Gonzales County, the average drawdown from 2010 to 2070 is 3 feet, for Karnes County, the average drawdown from 2010 to 2070 is 1 foot, and for all other counties in GMA 13, the Yegua-Jackson is classified as not relevant for purposes of joint planning.
- The Trinity, Edwards, and Gulf Coast Aquifers are designated as non-relevant for all counties in GMA 13 for purposes of joint planning.

These desired future conditions were proposed in accordance with Sections 36.108 (d) – (d-2) of the Texas Water Code. The designated representatives of the Groundwater Conservation Districts in the management area voted to propose the Desired Future Conditions for adoption at a joint planning meeting properly noticed and held in Pleasanton, Texas on April 27, 2016,

following consideration at several previous meetings of the nine factors set forth in Section 36.108 (d) TWC, hydrological studies, Groundwater Availability Models and GAM Runs, Technical Memoranda, public input and other information.

As of the date of this letter, a 90-day public comment period commences, during which each district must hold a public hearing. At the completion of the public comment period, each district must submit a summary report of all relevant comments received, and any suggested changes to the desired future conditions. These summary reports will be discussed at the next GMA 13 meeting scheduled for October 12, 2016.

Sincerely,

A handwritten signature in black ink, appearing to read "Greg Sengelmann". The signature is fluid and cursive, with a large initial "G" and "S".

Greg Sengelmann, P.G.  
Administrator, GMA 13

**Gonzales County Underground Water Conservation District  
Mitigation Fund Manager's Report  
April 2016**

On April 1<sup>st</sup>, I went to the Person's well to review the location.

On April 5<sup>th</sup>, I went to the Person's well to review the location.

On April 6<sup>th</sup>, I met with Mr. Paul Person and sister to discuss mitigation work.

On April 7<sup>th</sup>, I met Mr. Paul Person at well location to start dirt work. Then I met with Dehardes at the Person well location to look at dirt work being done. Needs more dirt moved.

On April 8<sup>th</sup>, I met with Dehardes to discuss mitigation. Then I met with Dehardes, at Person well location, to review dirt work.

On April 13<sup>th</sup>, I met with Dehardes to discuss Person's well and TDLR regulation on well.

On April 15<sup>th</sup>, I met with Dehardes at Person well site, according to TDLR rules there may be a problem with drilling fluids running off into the river.

On April 18<sup>th</sup>, I met with Dehardes on Person well to discuss options on drilling well to comply with TDLR rules. Then I met with Dehardes at Person well to discuss work to be done.

April 25<sup>th</sup>, Dehardes moved drilling rig in to drill Person well. Check on progress on Person well.

April 26<sup>th</sup>, I checked on progress on Person well.

April 26<sup>th</sup>, I checked on progress on Person well.

April 27<sup>th</sup>, I checked on progress on Person well.

April 27<sup>th</sup>, I checked on progress on Person well.

April 28<sup>th</sup>, I checked on progress on Person well.

April 28<sup>th</sup>, I checked on progress on Person well.

April 29<sup>th</sup>, Person well is complete.

April 30<sup>th</sup>, I met with Dehardes to discuss mitigation work to be done.

**Gonzales County Underground Water Conservation District**  
**Field Technician Report**  
**April 2016**

On April 4th, I worked on contacting well owners and updating district records on registered wells.

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On April 8th, I worked on contacting well owners and updating district records on registered wells.

On April 11th, I worked on contacting well owners and updating district records on registered wells.

On April 12th, I worked on contacting well owners and updating district records on registered wells. I also met with Mr. Kent Pruett to get a base well data on his Wilcox well near Leesville.

On April 13th, I worked on contacting well owners and updating district records on registered wells. I collected water level data on a Graham Land & Cattle property, Geischiedle well.

On April 19th, I worked on contacting well owners and updating district records on registered wells.

On April 20th, I worked on contacting well owners and updating district records on registered wells.

On April 25th, I worked on contacting well owners and updating district records on registered wells.

On April 26th, I obtained data on 4 wells in north Gonzales County; Respondek and Roycraft wells.

On April 29th, I worked on contacting well owners and updating district records on registered wells.