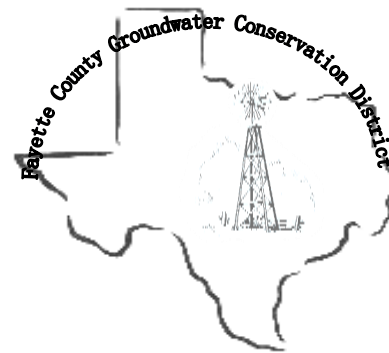


# Fayette County Groundwater Conservation District

## Protecting our most precious resource - **WATER**



### **TESTING WATER QUALITY IN YOUR WATER WELL**

Did you know that you can come by the Fayette County Groundwater Conservation District office located at 255 Svoboda Lane, Room 115 in La Grange and pick up water testing kits for free? Well you can!

There are several tests that can be conducted by you as the well owner.

**Bacteriological Sampling:** This testing is time sensitive and has a special collection bottle that needs to be used. This test is taken to Aqua Water in Bastrop by the well owner within 30 hours of sampling. The cost of this test is \$25 per sample.

**Routine Analysis:** This test will test for the following: conductivity, pH, Na, Ca, Mg, K,  $\text{CO}_3^{2-}$ ,  $\text{HCO}_3^-$ ,  $\text{SO}_4^{2-}$ , Cl, P, B, Nitrate-N. Hardness, and SAR and costs \$25 per sample and can be shipped to Soil, Water and Forage Testing Laboratory at TAMU.

**Routine Analysis + Metals:** This is test will include the routine analysis test plus includes Zn, Fe, Cu and Mn. Also shipped to TAMU, this test costs \$40 per sample.

It is always a good idea to test your water well. Establishing a baseline for future tests.

### **DO'S AND DON'TS OF SAMPLING YOUR WELL**

Whether you are collecting a sample for Routine Analysis, Routine Analysis + Metals, or Bacteriological Analysis, technique and attention to detail is extremely important.

Firstly, for all water sampling, **DO NOT** collect the sample from an inside faucet, as this may cause misleading analytical results. You want to collect your samples as close to the water well as possible, from an outside hose bib (garden hose faucet) that is 18 to 24 inches off the ground. This is critical if you are sampling for bacteria.

For routine and routine + metals sampling, you want the water to run, full open, for a minimum of 15 minutes. This will allow the water in your pressure tank to "freshen up" with water from the water well. After the water has run for a minimum of 15 minutes, rinse the sampling bottle three times with the water being sampled, this cleans any dirt or other contaminants from the bottle. Fill the sample bottle to a point just below the threads on the neck and then screw on the cap completely.

For bacteriological sampling, follow the instructions for disinfection completely. Bacteria samples are very sensitive and require specific steps in preparing and collecting the samples. Make certain you do not touch the inside of the lid nor the threads of the sample bottle. Additionally, do not rinse the bottle prior to collecting the sample as there is a chemical inside the bottle that is needed to remove chlorine residual from the water.

If you have any questions about sampling your water well, call the FCGCD office and we will be happy to guide you through the process.

#### **DISTRICT OFFICE**

Fayette County Groundwater  
Conservation District  
255 Svoboda Lane, Rm 115  
La Grange, Texas 78945  
Telephone: (979) 968-3135  
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E-Mail:

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[www.fayettecountygroudwater.com](http://www.fayettecountygroudwater.com)

#### **BOARD OF DIRECTORS**

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#### **OUR MISSION:**

To provide for the conservation, preservation, protection, recharge, and prevention of waste of groundwater and of groundwater reservoirs for the People of Fayette County.

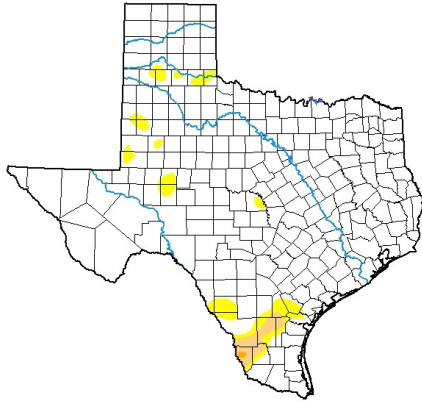
*Fayette County Groundwater News* is a yearly publication of the Fayette County Groundwater Conservation District. Subscriptions are free upon request.

The District offers free brochures and information sheets concerning many aspects of water conservation and protection. Just drop by the office during regular office hours.

#### **Protect Your Water-Register Your Well!**

The Fayette County Groundwater Conservation District is conducting a **well inventory** throughout Fayette County. You can help by registering your water well. This will assist the District in estimating how much water the people of Fayette County need now and for projected growth. Forms can be found on the District's website or by contacting us at (979) 968-3135.

**U.S. Drought Monitor  
Texas**



**July 2, 2019**  
(Released Wednesday, Jul. 3, 2019)  
Valid 8 a.m. EDT

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	94.84	5.16	1.34	0.05	0.00	0.00
Last Week (6-25-2019)	95.84	4.16	1.93	0.23	0.00	0.00
3 Months Ago (4-03-2019)	54.27	45.73	12.20	2.61	0.00	0.00
Start of Calendar Year (1-01-2019)	92.99	7.01	1.32	0.00	0.00	0.00
Start of Water Year (9-25-2018)	57.46	42.54	20.19	7.03	0.96	0.00
One Year Ago (7-03-2018)	17.38	82.62	55.30	24.06	6.84	0.46

**Intensity:**  
None  
D0 Abnormally Dry  
D1 Moderate Drought  
D2 Severe Drought  
D3 Extreme Drought  
D4 Exceptional Drought

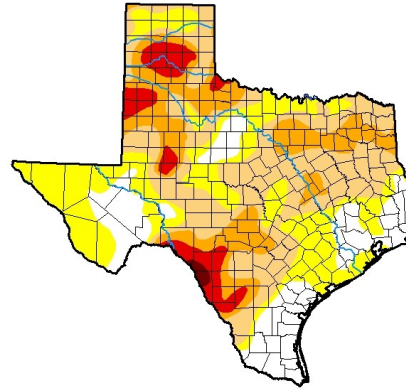
The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

**Author:**  
Richard Tinker  
CPC/NOAA/NWS/NCEP



[droughtmonitor.unl.edu](http://droughtmonitor.unl.edu)

**U.S. Drought Monitor  
Texas**



**July 3, 2018**  
(Released Thursday, Jul. 5, 2018)  
Valid 8 a.m. EDT

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	17.38	82.62	55.30	24.06	6.84	0.46
Last Week (6-26-2018)	27.33	72.67	47.80	17.91	5.07	0.00
3 Months Ago (4-03-2018)	33.29	66.71	49.43	21.57	13.21	1.47
Start of Calendar Year (1-01-2018)	33.37	66.63	33.56	5.94	0.11	0.00
Start of Water Year (9-25-2017)	70.54	29.46	4.17	0.04	0.00	0.00
One Year Ago (7-04-2017)	73.51	26.49	6.01	0.92	0.00	0.00

**Intensity:**  
D0 Abnormally Dry  
D1 Moderate Drought  
D2 Severe Drought  
D3 Extreme Drought  
D4 Exceptional Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

**Author:**  
Richard Tinker  
CPC/NOAA/NWS/NCEP



<http://droughtmonitor.unl.edu/>

One year comparison—this year compared to last year at the same time.

**To check out the current rainfall totals for Fayette County visit our website at  
[www.fayettecountygroundwater.com](http://www.fayettecountygroundwater.com)**

## NEWSLETTER AVAILABLE VIA EMAIL

The Fayette County Groundwater News is available via email. If you, or someone you know, would like to receive our yearly publication via email rather than via the US Mail, please contact our office at (979)968-3135 or drop us an email at [info@fayettecountygroundwater.com](mailto:info@fayettecountygroundwater.com). You can always view the newsletter on our website at [www.fayettecountygroundwater.com](http://www.fayettecountygroundwater.com)

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Visit us on the web at [www.fayettecountygroundwater.com](http://www.fayettecountygroundwater.com)

Place  
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