

GOLIAD COUNTY GROUNDWATER CONSERVATION DISTRICT

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If you are interested in having your private water well(s) tested, first ask yourself these questions so employees of the Goliad County Groundwater Conservation District (GCGCD) can best assist you.

What do you want to know about your water?

- ❖ Are you concerned about the elevated Arsenic levels that have been noticed in Southern Goliad County?
- ❖ Do you want to test for bacteria, such as Coliform and E. coli?
- ❖ Do you want to know the **hardness* of your water? **Hardness is caused by compounds of calcium and magnesium, and by a variety of other metals. General guidelines for classification of waters are: 0 to 60 mg/L (milligrams per liter) as calcium carbonate is classified as soft; 61 to 120 mg/L as moderately hard; 121 to 180 mg/L as hard; and more than 180 mg/L as very hard.*
<http://water.usgs.gov/owq/hardness-alkalinity.html>
- ❖ Do you want to test for Iron, Magnesium, Molybdenum, Potassium, Calcium and/or Sodium?

Once you have identified what you may be looking for, we can best assist you in what procedures you and/or GCGCD need to apply to your situation. The reason being, some tests can be done by San Antonio River Authority (SARA), however some tests must be performed at another lab. For more information on NELAP Labs:

http://www.tceq.texas.gov/field/qa/env_lab_accreditation.html

http://www.tceq.texas.gov/assets/public/compliance/compliance_support/qa/txnelap_lab_list.pdf

How Much Will the Testing Cost?

- ❖ The fees vary depending on what you are testing for. For further information, please contact our office at (361) 645-1716 Mon – Fri 8:00 am – 5:00 pm

Collecting Sample for Testing

- ❖ Each sample collection has different methods and containers that are approved for the sample. The GCGCD office can provide you with approved container(s) and instructions for collection.
- ❖ Some collections must be conducted by a GCGCD employee, while others can be done by the land owner.

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