

Water Well Screening

TEXAS WELL OWNER NETWORK

RESOURCES HELP LANDOWNERS PROTECT GROUNDWATER



The “Well Informed” Texas Well Owner Network (TWON) program is an educational program that gives well owners the opportunity to have their well water samples screened for common contaminants including fecal coliform, E. coli bacteria, nitrates and high salinity. The screening of the water samples is followed by a 1-hour explanation of the results, water well protection practices and focuses on wellhead protection and recommendations for remediating well contamination.

Well Informed Screening - March 4 & 5

- Hays County AgriLife Extension office: 200 Stillwater Road, Wimberley
- Barton Springs/Edwards Aquifer CD: 1124 Regal Row, Austin
- Hays Trinity GCD: 14101 Hwy 290 W, Bldg. 100, Suite 212, Austin
- Southwestern Travis County GCD: 8656 W. Hwy 71, Bldg. A, Suite 224, Austin

- Samples should be collected in a new, unused 12-20 ounce water bottle
- Sample drop-off 8:30—10:30 a.m. March 4th at the above locations
(visit twon.tamu.edu for a printable version of collection instruction and sample info sheet)

Results & Interpretation meeting:

Thursday, March 5 from 1:00 p.m. till 3:00 p.m.

Wimberley Village Library

400 FM 2325, Wimberley

There will be a \$15.00 cost for samples and you may turn in as many samples as you would like.

For more information, call or email Joel Pigg: 979-321-5946 | j-pigg@tamu.edu



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Water Sample Information

For water samples: Please complete the attached water sample form for each sample you submit and follow the directions below for sample collection:

- 01** Please use a new bottle of water (12-20 ounces), pour out the contents and fill it with a water sample from your private water well. Take the sample from the spigot/hose bib nearest to the well head. Remove the water hose if there is one and take directly from the spigot/hose bib. If an inside faucet is used, you will need to remove the aerator on faucet before making the collection. Rinse and dry the exterior of the faucet to prevent exterior contamination of your water sample. If possible, wipe off with a Clorox-type towelette or paper towel wetted with a light bleach solution to kill any bacteria present on the faucet. **Allow the solution to dry before sampling.** Turn on the water full force and let it run at full force for two minutes or until you hear the pump start running. Reduce the water flow to a small stream.
- 02 Refrigerate the sample and transport it to the workshop (in an ice chest) as soon after collection as possible. It is best to collect the day of the workshop if that is possible otherwise make sure the sample is kept cool and out of direct sunlight. Sample should be collected within 24 hours before the workshop to ensure accurate results.**
- 03** We encourage you to bring samples from all wells on your property; many participants that have water treatment equipment take samples before and after treatment to make sure the equipment is functioning properly. Also we need for you to label the sample with your name (if you bring more than one sample you also need to label the sample in some way to make sure you know which well the sample comes from). We will be screening for Nitrates, TDS (salinity) and bacteria (absence or presence of coliform and E. coli) with your sample.



Texas Well Owner Network Water Sample Form

By providing a water sample to be screened through the Texas Well Owner Network program, I acknowledge that the analysis results may be used for research and summary purposes.

Please print clearly and complete all pages of form.

Date Collected: ____ / ____ / ____ Email: _____

Name: _____ Telephone: (_____) _____

Mailing Address:

 Street address City Zip

Sample Location Address (if different from mailing address):

 Street address City Zip

County: _____

**SAMPLE ID
 NUMBER:**

MARKING INSTRUCTIONS
 CORRECT: ● INCORRECT: ✗ ⊗ ☹ ☹

WATER WELL SAMPLE:

1. What is the primary use for your water well?

- Domestic/household use Livestock Irrigation Other

2. What type of well do you have?

- (a) O dug or bored well O drilled well O don't know

(b) what is the well's depth, if known?

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 feet O don't know

(c) what year was the well constructed, if known?

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 O don't know

3. What water treatment devices are currently installed? **(fill in all that apply)**

- | | |
|--|--|
| <input type="radio"/> none | <input type="radio"/> acid neutralizer |
| <input type="radio"/> ultraviolet (UV) light | <input type="radio"/> water softener (conditioner) |
| <input type="radio"/> sediment filter | <input type="radio"/> reverse osmosis |
| <input type="radio"/> iron removal | <input type="radio"/> activated carbon (charcoal) filter |
| <input type="radio"/> chlorinator | <input type="radio"/> Other, specify: _____ |

