



Department of Environmental Services
Local Environmental Protection Program
2363 Jeep Road • Abilene, KS 67410
(785) 263-4780 • Fax (785) 263-3541

Water Sample Screening
Include Fee: \$ _____

Name of Owner: _____ Phone: _____

Address of Owner: _____

Address of water sample: _____ Legal Description: _____

Sample Source: _____ (such as kitchen faucet, new well, etc.)

Sample collected by: _____

Date and time sampled: _____

Received at Dept of Environmental Services: _____

RESULTS: Check desired tests

Nitrate (date analyzed: _____) **fee: \$5.00**

The MCL (Maximum Contaminant Level) for nitrate-N is 10 parts per million. Nitrate above 10 ppm may cause methemoglobinemia or "blue baby" disease in infants. *Boiling does not remove nitrate.*

() PRESENT approx. ___ppm () NOT DETECTED

Bacteria (date analyzed: _____) **fee: \$10.00**

If marked present, water should be boiled 10 minutes, or bottled water should be used for drinking. The well should be disinfected and any other appropriate maintenance performed.

coliform () PRESENT () NOT DETECTED
E. coli () PRESENT () NOT DETECTED

It is recommended that your well water supply be tested yearly, especially if there are young children, pregnant women, chronically ill, or elderly consuming the water. **It is recommended that water wells be upgraded to current standards whenever possible.** If you have any questions, please contact the Dickinson County Department of Environmental Services at 263-4780. *Thank you.*

Randy Barten
Dickinson County Environmental Sanitarian

Date

KIPHS fee billed _____ date fee paid _____ amount _____ check no. _____

WATER SCREEN PROCEDURE

Currently, water screening for nitrate and bacteria is a service provided by the Dickinson County Department of Environmental Services at 2363 Jeep Road. Contact the County Environmental Sanitarian to schedule a visit to evaluate the well and take a water sample, or obtain sample containers to take your own sample.

There is a small fee to help cover the cost of the screening. Contact the Environmental Services Department for details. Checks are to be made payable to the Dickinson County Department of Environmental Services.

DIRECTIONS FOR TAKING YOUR OWN SAMPLE

To assure reasonable accuracy, samples must be transported to the Department of Environmental Services as soon as possible after collection. **Samples will be accepted Monday through Thursday. The fee and paperwork must accompany the samples.**

It is suggested that you use the kitchen faucet or the faucet you use most. If there is an aerator on the faucet, remove it. Swab the inside of the faucet with a cotton ball or paper towel soaked in at least 70% rubbing alcohol. Let the faucet run for about 10 minutes, or long enough to allow water to clear the line from the well to the faucet.

With a permanent marker, record your name and the date, time, source, and address on the Whirl-Pak and on the plastic bottle label or lid.

Open the Whirl-Pak by zipping off the perforated top and gently pulling the paper tabs apart. Fill (about 1/3) without touching the Whirl-Pak to the faucet. Close by folding over several times and twisting the yellow twistie ties together. This sample can be used for nitrate and chlorine screening.

Remove the seal on the plastic bottle and remove the lid. Take care to not spill the small amount of dry chemical in the bottle. Fill to the line on the shoulder and replace the lid tightly. This bottle is for bacteria screening. It can detect presence of coliform and *E. coli* bacteria after 24 hours in the incubator.

If a sample tests high for nitrate or positive for bacteria, you will receive a phone call. A written report should be available in less than two weeks.