

**Macon County Private Drinking Water Well
Permit Requirements for
WATER QUALITY SAMPLING**

Water Sample Procedure:

Upon completion of construction or repair, a private drinking water well shall have the water tested within 30 days of issue of the *Certificate of Completion* by the Health Department. The Certified Well Contractor or property owner shall assure that the well has been disinfected and that the disinfecting agent has been subsequently purged from the well. Health Department staff will then be notified the well is ready for water quality sampling. An authorized agent from the Health Department will check the well water for residual disinfecting agent using an approved test kit. As soon as it has been documented that the well water is clear of disinfecting agent, the Health Department will collect a water sample. It is the responsibility of the property owner to provide a source of power for the purpose of collecting a water sample. Water samples will not be collected if there is no power source or if any residual disinfecting agent is detected in the well. The well head shall be made easily accessible for the purpose of collecting a water sample.

A \$125.00 return visit fee will be assessed the property owner when Health Department staff are unable to collect a water sample due to the presence of residual disinfecting agent, are unable to access the well head, or if a power source is not available.

Water samples can be collected from Monday thru Thursday, excluding Holidays. (Laboratory protocols and analytical holding times limit the days on which a water quality sample may be collected.)

The Health Department will provide a copy of the water quality test results to the owner of a newly constructed or repaired private drinking water well. Experienced Environmental Health staff are available to discuss analytical results. Water quality test results will be kept as a permanent part of the public records of the Health Department.

Analyses:

Water samples will be tested for the presence of Total and Fecal Coliform. Water samples will also be analyzed for Arsenic, Barium, Cadmium, Chromium, Copper, Fluoride, Lead, Iron, Magnesium, Manganese, Mercury, Nitrate, Nitrite, Selenium, Silver, Sodium, Zinc and pH.