

Georgia Department of Public Health

Environmental Health Section

SAMPLING REQUIREMENTS - NON-PUBLIC WATER SUPPLY

Samples will be taken at the facility. Samples shall be submitted to and analyzed by an approved laboratory. The University of Georgia laboratory available through the county extension office may perform inorganic (W-33) analysis.

The County Health Department may conduct Total/ Fecal Coliform analysis. Initial Sampling must meet all acceptable MCLs and be negative for the presence of total / fecal coliforms prior to the approval of the water supply.

Compliance Sampling

Inorganic chemicals specified are sampled annually.

Concentrations exceeding recommended MCLs that pose a public health threat will result in the disapproval of the water supply and the facility should be closed.

Total / Fecal Coliform sampling is quarterly.

A positive total or fecal coliform sample will require re-sampling within 24 hours to confirm the results of the original sample. If the second sample is positive for the presence of total or fecal coliform, the water supply will be considered disapproved and the facility should be closed. Disinfecting of the well should be initiated to disinfect the water supply and water supply system. There may be a possibility for the facility to continue to operate if an alternative source of potable water can be provided and is granted approval by the District Medical Director. An alternative water supply shall not be used for more than 7 days.

After disinfecting the well, a sample will be taken and analyzed for the presence of total/fecal coliform. Another sample will be taken in 30 days and analyzed for the presence of total/ fecal coliform. As part of the quarterly sampling requirement, the Department recommends that at least one sample be taken by the county environmentalist during the year at the time of routine inspection of the facility and analyzed for the presence of total/fecal coliform.