

North Carolina State Laboratory of Public Health
Department of Health and Human Services
306 N. Wilmington St. – P.O. Box 28407, Raleigh, NC 27611-8047

INORGANIC CHEMICAL ANALYSIS

Complete All Items – Please Print Clearly
Read Instructions on Reverse Side Prior to Sample Collection

*Indicates Required Fields

*Name: _____

* Address: _____

*City: _____ ZIP: _____

County Health
Dept./State Agency: _____

(Sample results must be reported to Health Dept. or State Agency)

*Report To: _____

*Address: _____

_____ ZIP: _____

*Collected By: _____

*Date Collected: _____ *Time: _____ AM
PM

Location of Sampling Point: _____

Source of Water

- Well
 Community/Municipal
 Other

Type of Sample

- Raw
 Treated

Type of Treatment: _____

Sample Category

- Regular Parameter Only
 Optional Parameters Only
 Both

FOR LAB USE ONLY

Received by: _____

- Mail
 Courier
 Walk In

Place a check in the box to request analyses for all parameters in the group or select individual parameters by circling the parameter(s) that is desired.

Regular Parameters Group

pH
Alkalinity
Fluoride
Chloride
Calcium
Magnesium
Total Hardness
Manganese
Lead
Arsenic
Copper
Iron
Zinc

Additional Metals Group

Cadmium
Chromium
Mercury
Selenium
Silver
Barium

Optional Parameters

(List Optional Parameters Below*)

*Contact Environmental Inorganic Chemistry @ 919-733-7308
for information on optional parameters. Nitrate/Nitrite
analysis require a separate sampling kit.

Laboratory Use Only

PURPOSE: Provide instructions for collecting and submitting a private well water sample for Inorganic Chemical Analysis to the State Laboratory of Public Health.

DIRECTIONS FOR SAMPLE COLLECTION AND SHIPMENT

Using a typewriter or ball point pen, fill in all requested information on the top portion of this form. Please print legibly.

This kit contains a cardboard mailer, a one-quart plastic container, a submittal form and a mailing label.

- 1) Remove the one-quart plastic container and inflate by mouth, if uninflated.
- 2) Let the water (to be sampled) run for five minutes to ensure that the water is from the distribution system.
- 3) Rinse the plastic container two or three times, and discard the water.
- 4) After rinsing, fill the container to within approximately one inch of the top and securely cap the container.
- 5) Place the container along with this completed form in the cardboard mailer.
- 6) Seal the box and ship immediately to the State Laboratory using the supplied mailing label.

Note: Nitrate and Nitrite samples require a special kit (available from Laboratory Mailroom). Do not request nitrate and nitrite as optional parameters with this kit.