

**ClearWater Laboratory
153 Main Street, Suite A
Newport, ME 04953**

SEE ACCEPTANCE POLICY ON BACK OF FORM

DRINKING WATER TEST - APPLICATION FORM

REPORT TO BE SENT TO:

Name: _____
Address: _____
City, State, Zip: _____

STATE COMPLIANCE SECTION:

Public Water System Name: _____
Public Water System ID#: _____
Operations & Maintenance: _____

WELL OWNER/PROPERTY ADDRESS TESTED:

Sampler Name: _____
Property Name/Address Tested: _____

Date Sampled: _____
Time Sampled: _____

Phone/Fax: _____
Email Report to: _____

Collected From: Kitchen Sink Bathroom Sink
(circle one) Bath Tub Outside Spigot
Other: _____

**Check with your Real Estate Agent/Lender to make sure all requirements are included in the sets below
If First Draw Lead is required, please call laboratory for special container**

SET A: Conventional Mortgage

Total Coliform/E.Coli (MPN) **\$100.00**
Copper, Iron, Manganese,
Chloride, Arsenic, Hardness
Nitrite-N, Nitrate-N, pH

SET C: Basic/Compliance Safety Check

Total Coliform/E. Coli (MPN), **\$55.00**
Nitrate-N, Nitrite, pH

SET B: FHA*/HUD

Total Coliform/E.Coli (MPN), Copper, **\$130.00**
Iron, Manganese, Chloride, Arsenic,
*Lead, Hardness, Nitrate-N, Nitrite-N,
Sodium, pH

SET D: Rural Development

Total Coliform/E.Coli (MPN) **\$110.00**
Copper, Iron, Manganese,
Chloride, Fluoride, Hardness
Nitrite-N, Nitrate-N, pH

***If first draw lead is required for FHA, you will need to call the laboratory for a special collection container with sampling instructions.**

***If first draw lead is not required we will run a lead analysis and report as source lead.**

SET E: New Well Test

Total Coliform/E. Coli (MPN), **\$200.00**
Nitrite-N, Nitrate-N, Fluoride, Chloride,
Hardness, Copper, Iron, Manganese
Uranium, Arsenic, Antimony, pH

INDIVIDUAL TESTS :

- | | | | |
|----------------------------------|--|----------------------------------|-----------|
| \$35.00 <input type="checkbox"/> | Total Coliform/E. Coli (Most Probable Number Count) | \$20.00 <input type="checkbox"/> | Iron |
| \$30.00 <input type="checkbox"/> | Total Coliform/E. Coli (Presence/Absent) | \$20.00 <input type="checkbox"/> | Manganese |
| \$15.00 <input type="checkbox"/> | pH | \$20.00 <input type="checkbox"/> | Nitrate |
| \$20.00 <input type="checkbox"/> | Copper | \$20.00 <input type="checkbox"/> | Nitrite |
| \$20.00 <input type="checkbox"/> | Lead | \$30.00 <input type="checkbox"/> | Fluoride |
| \$30.00 <input type="checkbox"/> | First Draw Lead - (Call laboratory for container) | \$20.00 <input type="checkbox"/> | Hardness |
| \$30.00 <input type="checkbox"/> | Arsenic, Total | \$50.00 <input type="checkbox"/> | Mercury |
| \$60.00 <input type="checkbox"/> | Arsenic Speciation (Total Arsenic, Arsenic III, Arsenic V) | \$65.00 <input type="checkbox"/> | Uranium |
| | <u>Call laboratory for special Arsenic Test Kit</u> | \$50.00 <input type="checkbox"/> | Antimony |

PAYMENT OPTIONS:

Check/Mastercard/Visa #: _____ Exp. _____ **Total Cost:** _____
CVC _____

TO BE COMPLETED BY LABORATORY

Received By: _____	Date/Time Received _____	Temp Received _____	Comments Acceptable Unacceptable	Lab Sample Identification # _____
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**ClearWater Laboratory
153 Main Street, Suite A
Newport, ME 04953**

Tel: 207-368-5700 or Toll Free 1-866-298-0895 Email: diane@clearwaterlab.com

OFFICE HOURS ARE MONDAY-THURSDAY 8:00AM TO 5:00PM. FRIDAYS 8:00AM TO NOON

SAMPLE ACCEPTANCE POLICY

CHECKLIST FOR ACCEPTABLE SAMPLES: (If not properly filled out the sample(s) may be rejected)

- ▶ Samples **must** be received within 30 hours for bacterial testing (Total Coliform/E. coli) and 48 hours for Nitrate/Nitrite testing.
 - ▶ Samples for Total Coliform/E. coli testing must be chlorine free.
 - ▶ The enclosed sample container(s) must be used with adequate sample volume. Filled to the shoulder with a little bit of headspace.
 - ▶ Samples that show signs of damage, contamination, inadequate preservation, or loss of integrity may be rejected.
 - ▶ Sample containers and chain of custody form must be filled out completely using water resistant ink.
 - ▶ Sampling Instructions: Remove any screen/filter from faucet. Sterilize faucet head with bleach. Let water run prior to sampling (Well in use-run for 5 minutes); (New Well-run for 30 minutes); (Well not in use-run at least 2 hours).
Fill containers. Do not touch any inside part of lid or containers (this may result in contamination). Check lids to make sure they are on straight and tight. Complete this form and Mail or Hand Deliver to ClearWater Laboratory.
 - ▶ If mailing, **Do Not Mail** on Friday, Saturday or day before a holiday. Samples must be received within 30 hours.
- Sampling instructions have been read.
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Drinking Water Health Guidelines

Arsenic: EPA drinking water standard: 0.010 mg/l

The potential adverse health affect from consumption of water with levels of arsenic above the drinking water standard are numerous and complex.

Calcium and Magnesium (Hardness): Hardness in water is the total concentration of calcium and magnesium, which are picked up by water passing through these underground mineral deposits. Hard water is not considered contaminated, but it does retard the cleaning action of soap and forms a scale on cooking utensil, hot water pipes and heaters. (Build-up may eventually reduce pipe capacity and water pressure).

There is no EPA drinking water standard for hardness – 0 to 75mg/l Considered soft, 75 – 150 mg/l Considered moderately soft, 150 – 300 mg/l Considered hard, Over 300 mg/l Considered very hard. Hard water is not harmful to health. Calcium and magnesium are essential body elements. Studies show that hard water is better for cardiovascular health than soft water, though the reasons for this are not yet known.

Coliform Bacteria: Coliform are a type of bacteria that live in the intestines of most warm-blooded animals, including humans. If coliform are detected in a water it is an indication that the source may be contaminated with germs and/or other more harmful organisms may be present. If coliform are detected, the water from the source should not be used for consumption, cooking, bathing or other human contact. The source should be disinfected and retested until no coliform are detected. The source should be retested frequently until no bacterial contamination is detected.

Copper: EPA drinking water standard: 1.3 mg/l

Short-term exposure to copper levels above the standard can cause gastrointestinal distress.

Fluoride: EPA drinking water standard: 4.0 mg/L

Fluoride in drinking water can cause bone disease (pain and tenderness of the bones); Children may get mottled teeth.

Iron & Manganese: EPA secondary drinking water standard: Iron – 0.3 mg/l and Manganese - 0.05 mg/L

Elevated levels of iron and manganese will cause black or brown staining of laundry and water using appliances.

Lead: EPA drinking water standard: 0.015 mg/l

Lead in drinking water can also cause a variety of adverse health effects. In babies and children, exposure to lead in drinking water above the action level can result in delays in physical and mental development, along with slight deficits in attention span and learning abilities. In adults, it can cause increases in blood pressure. Adults who drink this water over many years could develop kidney problems or high blood pressure. Lead is rarely found in source water, but enters tap water through corrosion of plumbing materials.

Nitrate & Nitrite Nitrogen: Nitrate: EPA drinking water standard: 10 mg/l Nitrite: EPA drinking water standard: 1 mg/l

Excessive levels of nitrate in drinking water have caused serious illness and sometimes death. The serious illness in infants is due to the conversion of nitrate to nitrite by the body, which can interfere with the oxygen-carrying capacity of the child's blood. This can be an acute condition in which health deteriorates rapidly over a period of days. Symptoms include shortness of breath and blueness of the skin. Typical sources of nitrate and nitrite in drinking water are manure, fertilizer and septic system.