



**LAB TESTING
PACKAGES**

We have grouped various tests into packages for convenience :

Basic Well Water Package: (\$45.00)

- Total Coliform (Presence/Absence)
- E.Coli (Presence/Absence)

Deluxe Well Water Package:(\$95.00)

- Total Coliform (Presence/Absence)
- E.Coli (Presence/Absence)
- Nitrate
- Lead
- Copper

Well Water Corrosiveness (\$50.00)

- pH
- Calcium
- Alkalinity
- Total Dissolved Solids

Water Treatment (Softener) Check: (\$75.00)

- Before Treatment System-* Hardness/
Alkalinity/Iron/Manganese
- After Treatment System-* Hardness/Alkalinity/
Iron/Manganese

Fees as of June 2008. Fees for services are subject to change.

Visit our website for specific prices for individual water and wastewater tests.



GREENWAY ENGINEERING
151 WINDY HILL LANE
WINCHESTER, VIRGINIA 22602

**Water,
Essential
to Life and
Good
Health**

**What
everyone
should
know
about
their
Drinking
Water**



**What's in your
Drinking
Water?**



Greenway
Engineering
Environmental Services

COMMON CONTAMINANTS

Well water can become contaminated without any change in the water's taste, smell or appearance. The following are common contaminants found in residential wells:

Total Coliform Bacteria: A natural part of the microbiology of soils, insects, and warm-blooded animals, coliform bacteria is the primary indicator for the presence of disease-causing organisms in water.

E. Coli.: Since E. Coli bacteria are found in fecal material, they may indicate contamination from bacteria, viruses and parasites that can cause flu like symptoms such as nausea, vomiting, fever, and diarrhea.

Nitrates: Elevated levels can be an indication of contamination by farm chemicals, lawn fertilizers, or septic saturation. Nitrates can pose a serious health risk to young infants and pregnant or nursing women.

Copper: Copper is present in plumbing lines in most households. Homes that have new copper plumbing or a naturally soft water supply are more likely to have copper-contaminated water. Symptoms caused by excessive copper exposure include stomach upsets, abdominal cramping, diarrhea and headaches.

Lead.: Houses built before 1985 may contain lead pipes or lead-based solder. Lead can cause serious health problems in young children.

Fluoride: Fluoride is found naturally in water. While low levels of fluoride are desirable, excessive amounts may mottle teeth.

Iron: Iron is leached from rock and soil while the well water is underground and will remain in solution until exposed to air. Iron is not harmful but causes staining of fixtures and an unpalatable taste and appearance.

Manganese: Manganese, like Iron, is leached from the soil and causes staining of fixtures and an unpalatable taste and appearance.



GREENWAY'S ENVIRONMENTAL
TESTING LABORATORY

... is a full service laboratory specializing in water, wastewater and soils testing for residential, commercial, industrial and municipal customers.

Our laboratory and its technicians comply with state and EPA quality control and quality assurance requirements rendering the most reliable and accurate results using current technologies.



Our helpful qualified staff will provide you with the sampling instructions, bottles and forms for any of the desired tests.

Please review the list of testing packages and fees on the rear of this brochure. For a list of other water tests available from the Laboratory Services Division, and test fees, go to: <http://www.greenwayeng.com/wetlab> on the internet, or you can call one of the telephone numbers listed below.



Greenway
Engineering

ENVIRONMENTAL SERVICES
151 WINDY HILL LANE
WINCHESTER, VIRGINIA 22602
TOLL FREE (800)-662-4185
OR: (540)-662-4185

Why Test your Well Water for Contaminants?



As a private well owner or well-water consumer, you will probably use groundwater from your well for doing your family's laundry, drinking, cooking, bathing and watering your garden. Municipalities are required to test their water supplies regularly to ensure the water is safe to drink. However, since there is no requirement to test a private well, except when it is first drilled, you are responsible for making sure your water is safe and healthy.

While most private wells provide a clean, safe supply of water, contaminants can pollute private wells. Because you cannot see, smell or taste most contaminants, you should test your water on a regular basis. The types of land uses near your well determine which tests you need to have performed on your water supply.

Our sampling kits contain the necessary bottles, forms and complete instructions for properly sampling your water and shipping or hand delivering to our lab facility.

Laboratory Certifications:

• Virginia Certification #: 00155 - Total Coliform & E. coli