



TESTS FOR PRIVATE WELL WATER

Bacteriological testing requires 24 hours setup time. The lab will not accept samples for bacteria analysis on:
 any Friday, July 3, day before Thanksgiving, Dec. 23-25, and Dec. 30 – Jan 1.

HOMEOWNER PACKAGE (Includes tests 1-8) \$49.00

This is a 42% discount savings (total individual cost \$84).

The Homeowner Package consists of the following analyses which can be run separately for price indicated.

1. **Total Coliform Bacteria** (includes *E-coli* result when bacteria present) 23.00
 Test the bacteriological safety of a water supply. **Priority analysis (48 hour turnaround)...46.00**
 2. **Nitrate plus Nitrite-Nitrogen** 16.00
 These are the most common chemical contaminants in Wisconsin groundwater. They may also serve as an indicator of the potential presence of other contaminants, such as pesticides or trace organic chemicals from septic system effluent. **Priority analysis (48 hour turnaround)... 32.00**
 3. **pH** 9.00
 Measure of relative acidity of the water. Useful in assessing the corrosivity of water to plumbing.
 4. **Alkalinity** 9.00
 Amount of bicarbonate (*acid neutralizing capacity*), the major anion in water, related to pH and corrosivity.
 5. **Hardness** 9.00
 Measure of the amount of calcium and magnesium carbonates. Important if water softening is considered.
 - 6 **Chloride** 10.00
 An indicator ion that, if found in elevated concentration, indicates potential contamination from septic systems, fertilizer, landfills, or road salt.
 - 7 **Conductivity**..... 8.00
 Measure of total dissolved minerals in water. Change in conductivity or unusual ratio of conductivity to hardness may signal presence of contaminants.
 - 8 **Corrosivity Index**.....
 This is a calculation to determine the tendency of water to be corrosive or scale forming.
- Homeowner Package **plus Fluoride** 65.00
Fluoride 19.00

METAL PACKAGE (SCREEN) (This test requires an acidified bottle.)..... 49.00

This is a 74% discount savings (total individual cost \$187).

Individual metals are \$17/each

Arsenic, Calcium, Copper, Iron, Lead, Magnesium, Manganese, Potassium, Sodium, Total Sulfur (SO₄), and Zinc.

THE FOLLOWING TESTS REQUIRE A SEPARATE ACIDIFIED BOTTLE

Please Call the Laboratory

If corrosion is indicated by the "Homeowner Package" corrosivity index, lead and copper may be leaching from plumbing at concentrations that could be a health concern.

- *Lead 17.00
- *Copper 17.00

Arsenic in well water has been an increasing concern in Wisconsin.

- *Arsenic – Screening 17.00
- Arsenic – Low Range..... 24.00

* Analyses are also run as part of the "Metal Package" listed on front of this sheet.

Priority analyses can be run on any of the above samples for double the listed price.

PESTICIDE ANALYSES

Call the laboratory for a bottle.

- Diaminochlorotriazine (DACT) (a breakdown of atrazine and related herbicides)..... 27.00
- Priority DACT Analysis** **75.00**
- Nitrogen and Phosphorus (N/P) containing pesticides 125.00
- Chloroacetanilide Metabolites – 6 compounds 95.00
- Nitrogen and Phosphorus + Chloroacetanilide Metabolites (NP/CAAM) 175.00
(Used on corn and soybeans.)
- Organophosphorus Pesticides 125.00
(Used on cranberries.)

PHARMACEUTICALS AND PERSONAL CARE PRODUCTS 200.00

**WATER & ENVIRONMENTAL ANALYSIS LAB
CERTIFICATIONS FOR POTABLE WELL WATER**

DNR Certification No. 750040280: Nitrate + Nitrite –N (SM 4500 NO3- F)
DATCP Certification No. 115097-D3: Bacteria (Quanti-tray, colilert, or colilert-18)

For sampling instructions and bottles contact:

715-346-3209 or Toll Free 877-383-8378

E-mail weal@uwsp.edu

Web Page www.uwsp.edu/cnr-ap/weal