



TESTS FOR PRIVATE WELL WATER

- ✚ Bacteria samples will **NOT** be accepted if they are over 40 hours old
- ✚ The lab will **NOT** accept samples for Bacteria testing on **any Friday** or on **Jan 19, May 25, Sept 7, Nov 25-27 and Dec 21-31, 2026**

HOMEOWNER PACKAGE: \$78.00

✚ This package consists of the tests listed below. Each test can be run separately for the price indicated

✚ Nitrate+Nitrite from the homeowner packages cannot be used for compliance reporting. Contact the lab for assistance if compliance results are needed

Test Name	Description	Price
Total Coliform Bacteria	Includes <i>E. coli</i> result when coliform bacteria is present. Total Coliform tests the bacteriological safety of a water supply	\$30.00
Nitrate+Nitrite as N (NO ₃ +NO ₂)	The most common chemical contaminant in Wisconsin groundwater. It may also indicate the presence of other contaminants, such as pesticides, fertilizers, or septic system effluent. Cannot be used for compliance reporting	\$29.00
pH	A measure of the relative acidity of water. Useful in assessing the corrosivity of water to plumbing	\$18.00
Alkalinity	Measures bicarbonate and water's capacity to neutralize acid. Related to pH and corrosivity	\$18.00
Total Hardness	Measures the amount of calcium and magnesium in water and is important if a water softener is being considered	\$30.00
Chloride	Can indicate contamination from septic systems, fertilizer, landfills, or road salt	\$24.00
Conductivity	Measures the total dissolved minerals in water. A change in conductivity or high conductivity may signal the presence of contaminants	\$18.00
Corrosivity Index	Measures the tendency of water to be corrosive or scale forming on plumbing. Calculated using pH, Alkalinity, Total Hardness, and Conductivity	\$42.00

✚ Priority testing (48-hour turnaround time): **Double the list price of the test-Must confirm availability with lab**

ADDITIONAL TEST PACKAGES FOR HOMEOWNERS

Test Name	Description	Price
Homeowner Package with Bacteria Count	Includes the Homeowner Package with Bacteria Count (estimated number of bacteria colonies)	\$91.00
Infant/Children/Pregnancy Package	Includes the Homeowner Package, the Standard Metals Package, and Fluoride. Requires 3 Bottles	\$175.00
Comprehensive Homeowner Package	Includes the Homeowner Package, the Standard Metals Package, and the DACT Screen (Atrazine Screen). Requires 3 Bottles	\$191.00
Standard Metals Package (A) (individual Metals are \$30/element)	Includes 14 elements: Aluminum, Arsenic Screen, Calcium, Copper, Iron, Lead Screen, Magnesium, Manganese, Potassium, Sodium, Strontium, Sulfur as Sulfate, Uranium Screen, and Zinc. Cannot be used for compliance reporting	\$75.00
Specialty Metals Package (B)	Includes 12 elements: Barium, Beryllium, Boron, Cadmium, Chromium, Cobalt, Lithium, Molybdenum, Nickel, Selenium, Silver, Vanadium	\$79.00
Advanced Metals Package (A+B)	Includes the Standard and Specialty Metals Packages	\$140.00

WELL WORK AND SPECIALTY PACKAGES		
Package Name	Description	Price
New Well/Well Drillers	Compliance Bacteria and Compliance Nitrate+Nitrite. Meets NR812 monitoring requirements. Agency reporting included	\$61.00
Well Inspection/Well Work	Compliance Bacteria, Compliance Nitrate+Nitrite, and Compliance Arsenic. Meets NR812 monitoring requirements. Agency reporting included	\$116.00
Lead and Copper Compliance	Also known as the Lead and Copper Rule. Meets requirements of monitoring under NR809. Agency reporting included	\$87.00
NP/CAAMs	Twenty-six pesticide compounds (see below for detailed descriptions)	\$228.00
Source Tracing Compounds	Used to identify sources of contamination. PPCPs can indicate septic source, CAAMs can indicate agricultural sources (see below for more detailed descriptions)	\$350.00
 Bacteria for new well and compliance testing can be no more than 24 hours old		

INDIVIDUAL OR SPECIALTY TESTS		
Test Name	Description	Price
Bacteria Count	Provides an estimate of the number of bacteria colonies. Includes <i>E. coli</i> count if coliform bacteria are present. Is useful when trouble shooting a well with a history of bacteria positive results	\$41.00
Fluoride	Can occur naturally in varying amounts in groundwater	\$29.00
Low Level Arsenic	A more accurate result if Arsenic Screen is high	\$55.00
Low Level Lead	A more accurate result if Lead Screen is high	\$55.00
Low Level Uranium	A more accurate result if Uranium Screen is high	\$55.00
NR809/NR812 Compliance Nitrate+Nitrite	Use if agency reporting is necessary	\$31.00
NR809/NR812 Compliance Arsenic	Use if agency reporting is necessary	\$57.00
NR809 Compliance Lead	Use if agency reporting is necessary	\$57.00
NR809 Compliance Copper	Use if agency reporting is necessary	\$32.00
Any single Metal	Test a single element in either the Standard or Specialty Metals package	\$30.00
PESTICIDE TESTS		
Diaminochlorotriazine Screen (DACT)	Atrazine screen recommended if Nitrate+Nitrite results are high	\$45.00
Chloroacetanilide Herbicide Metabolites (CAAMs)	Four compounds that result from herbicides that break down in soil and become water soluble	\$145.00
Nitrogen and Phosphorous Pesticides (NPs)	Twenty-two various pesticides containing nitrogen and/or phosphorus	\$158.00
Neonicotinoid Insecticides	Five insecticides used in agriculture that are toxic to a wide range of insects including pollinators	\$231.00
PHARMACEUTICALS AND PERSONAL CARE PRODUCTS		
Pharmaceuticals (PPCPs)	Six compounds including artificial sweeteners, antibiotics, and caffeine that are indicators of human waste contamination	\$231.00

For sampling instructions and bottles contact:

715-346-3209

E-mail : weal@uwsp.edu

Web Site : www.uwsp.edu/cnr-ap/weal

-  **CERTIFICATIONS FOR POTABLE WATER:** Nitrate+Nitrite, Bacteria-Coliform and *E. coli* (Quanti-tray, Colilert, or Colilert-18), and Arsenic.
-  **CERTIFICATIONS FOR NON-POTABLE WELL WATER** – Alkalinity, Ammonia, Chemical Oxygen Demand, Chloride, Chlorophyll- α , Total Hardness, Total Kjeldahl Nitrogen, various metals, Nitrate+Nitrite, Total Organic Carbon, Orthophosphate, Total Phosphorus, Total Dissolved Solids, Total Suspended Solids.
-  **Disclaimer:** Voluntarily submitted private well water samples analyzed by the Water and Environmental Analysis Lab are stored in an internal database and may be used for educational purposes or for summarizing regional groundwater quality. Data may be included in mapping applications in aggregated form, but it will not be shared in a way that identifies individual parcels or other personally identifying information.

Sampling Protocol for Drinking Water Testing

- Your test results will be most accurate if you collect the samples following the procedure below.
- Collected samples are accepted Monday through Thursday.
- Samples more than 40 hours old when they reach the lab cannot be analyzed for bacteria.
- New well and compliance samples can be no more than 24 Hours old to analyze for bacteria.
- Bacteria is not accepted on Fridays

If you are taking more than one type of sample collect in the following order:

1. METALS PACKAGE

The Metals Package bottle has a blue cap and red tape around the cover. *Ideally this sample should be taken first thing in the morning, before any water is run.* CAUTION: This bottle contains a small drop of acid which acts as a preservative. DO NOT rinse the bottle or you will lose the preservative.

- Choose a cold faucet in your home which supplies most of your drinking water.
- Turn the faucet on and adjust to a trickle.
- Allow water to run for 5-10 seconds then fill the Metals Package bottle to within ¼ inch from the top. DO NOT ALLOW TO OVERFLOW. Avoid splashing when you are filling the bottle. If you splash preservative on your skin, rinse affected area for 5 minutes under cold water.
- Replace cap tightly, dry the bottle, and reattach red tape around cover.



2. HOMEOWNERS PACKAGE

The Homeowners Package will require that you fill two bottles.

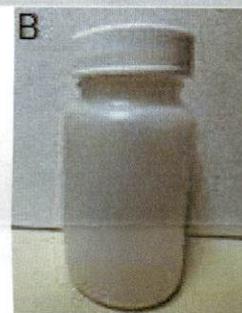
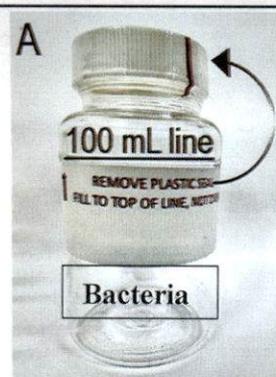
- **Choose a cold faucet in your house which supplies most of your drinking water, preferably a non-swivel faucet that is not softened or otherwise treated.**
- If possible, remove any faucet screens, aerators, or other attachments.
- Wash your hands thoroughly with soap and water.
- Run water on high for at least 10 minutes, 15 minutes is better (the goal is to sample water from the well so you may want to let water run until you hear the well pump turn on or until water gets as cold as it can).
- Slow the water stream down until it is about the width of a pencil.

Bottle A (Bacteria):

- Remove and dispose of **clear plastic seal** from Bottle A.
- Carefully remove cap. Do not let fingers or anything else touch inside of bottle or inside of cap. Do not rinse.
- **Fill bottle to 100 mL line**, then replace cap making sure that it's on securely.

Bottle B (Non-Bacteria):

- Carefully remove the cover of Bottle B.
- **Fill to the shoulder of the bottle** and replace cap making sure it's on securely.



3. DIAMINOCHLOROTRIAZINE (DACT) SAMPLE

The DACT sample bottle is cylindrical and has a blue or purple cap.

- **Choose a cold faucet in your house which supplies most of your drinking water, preferably a non-swivel faucet that is not softened or otherwise treated.**
- Run water for 5 minutes.
- *Rinse* the plastic sample container 3 times with water from the tap.
- **Fill the bottle to within ½ inch from the top** and replace cap making sure that it is on securely.



PLEASE CALL IF YOU HAVE ANY QUESTIONS, COMMENTS, OR CONCERNS.

Disclaimer: The analyses run on your sample only cover some of the more common water quality characteristics. Safe levels of these chemicals or bacteria do not guarantee that your water is free of all toxic chemicals. If you suspect gasoline residues, pesticides, or other trace chemicals you would need to request additional analyses.



IMPORTANT INFORMATION REGARDING SUBMITTING YOUR SAMPLE TO THE WATER AND ENVIRONMENTAL ANALYSIS LAB (WEAL)

- Follow all the instructions provided on the Sampling Protocol page. 
- If sampling for a Bacteria test (standalone or included in the Homeowners Package)
 - **Bacteria samples are NOT accepted on Fridays.**
 - **Bacteria samples MUST be received within 40 hours after collection to process properly.**
 - Bacteria samples from new wells and for compliance work MUST be received within 24 hours after collection to process properly.
 - Bacteria samples CANNOT be frozen or have ice in that sample bottle.
 - If you ship your sample to the lab, we suggest collecting your sample on a Monday or Tuesday around 2:00 pm and shipping to the lab using an OVERNIGHT shipping option (Spee-Dee Delivery, UPS, FedEx, or USPS). This ensures your sample will be viable when we receive it.
 - Samples can be hand-delivered to the lab. Dropoff hours are 7:45 am – 4:00 pm, Monday through Thursday.
- If sampling ONLY for a Metals Package and/or DACT
 - Samples are less time-sensitive and do not need to be rushed to the lab.
 - Samples can be accepted Monday through Friday.
- Payment for analytical services is requested at the time of sample acceptance. The WEAL accepts cash, check, or credit card payment. If you are shipping your samples, please include a check made payable to WEAL with the sample or call the office at 715-346-3209 for other billing options.
- The WEAL reserves the right to refuse acceptance of samples if protocols are not followed properly.

IF HAND DELIVERING BOTTLES, BRING TO:

Trainer Natural Resources Building (TNR)
 800 Reserve St.
 Water Testing Lab – Room 200
 Parking in Lots: D and E (put flashers on)
 Metered Parking R, Y, and Z

IF SHIPPING BOTTLES, MAIL TO:

Water & Environmental Analysis Lab
 UW-Stevens Point
 College of Natural Resources (CNR), Room 200
 800 Reserve Street
 Stevens Point, WI 54481

SEND CHECK WITH SAMPLE PAYABLE TO:

Water & Environmental Analysis Lab or **WEAL**

