

CARLTON COUNTY

MINNESOTA

ZONING AND ENVIRONMENTAL SERVICES

PO Box 220 | 301 Walnut Ave | Room 103 | Carlton, MN 55718 | 218-384-9590

Drinking Water Chain of Custody

Sampling instructions are on the back of this page.

Complete this section

Client Name: _____

Sample Address: _____

Phone Number: _____

Mail to: (Name) _____ For Sale/Refinance
 (Address) _____ Check test to order
 (Email) _____

Test Parameter	<input checked="" type="checkbox"/>
Total Coliform & <i>E. coli</i>	
Nitrate	
Iron	
Hardness	

Sampling Point (e.g. kitchen sink): _____

Collected by: _____

Date/Time Collected: _____

- The Carlton County Zoning and Environmental Services Department determines the presence or absence of organisms, minerals, or contaminants for the tests that were specifically requested and are conducted on the sample submitted.
- If you require a laboratory analysis from a Minnesota Department of Health certified laboratory, please call 1-888-345-0823 or visit <http://www.health.state.mn.us/divs/eh/wells/waterquality/> and scroll down to the Well Testing Information section for a listing of certified laboratories.
- All well water analysis results are public record per MN Statute Chapter 13: Government Data Practices.

Office/Lab Use Only

Lab Sample #: _____ Receipt #: _____ Fee Paid: \$ _____

Date/Time Received: _____ Received by: _____

Test(s) Requested for Analysis:

Test Parameter	<input checked="" type="checkbox"/>	Result	Date/Time Analyzed	Analyst Initials
Total Coliform & <i>E. coli</i>		Present / Absent		
Nitrate		mg/L		
Iron		mg/L		
Hardness		mg/L		

Carlton County Zoning and Environmental Services Well Water Analysis Information

Water tests are **\$50.00** for the first parameter tested and **\$10.00** for each additional parameter tested. Please choose the test or tests you would like run.

Samples are accepted: Between 8:00 a.m. and 4:00 p.m., Monday through Wednesday, and on Thursday between 8:00 a.m. and 12:00 p.m. (noon).

Instructions:

1. Minimum of one pint (sterilized glass jar and lid) of water needed for testing. Bypass any water softeners.
2. Choose a cold water tap as close as possible to the pump, remove strainer. Run water for 5 minutes.
3. Turn water off, sterilize tap outlet with small propane torch, a match, candle or lighter.
4. Remove cap from bottle being careful not to touch the inside surface.
5. Fill bottle, replace cap.

Samples must be fresh:

Samples should be drawn the same day they are submitted or the night before. Tests are run on samples warmed to room temperature and can be no more than 30 hours old when tested. Refrigerate if taken the night before.

We test for:

Coliform Bacteria and *E. coli*: The presence of coliform bacteria and/or *E. coli* indicate bacterial contamination. A positive test indicates that the well should be checked for septic tank infiltration, a cracked casing, or surface water seepage.

Nitrate: Nitrate is an indicator of possible contamination from septic systems or animal wastes. In excessive amounts, it contributes to an illness known as infant methemoglobinemia.

Iron: Iron in excessive amounts will stain laundry and porcelain fixtures and give a taste and odor to the water.

Hardness: Hardness is a measurement of the total concentration of calcium and magnesium in the water. Excessive hardness will cause scale in pipes, water heaters, and on cooking utensils.