

Water Quality Testing Analyses

Resource Laboratories LLC

2008 Price List

Analysis	Water source	Possible source of contaminant?	Test Frequency	Price	Sample procedure
Lead	City Water or Private Well	Corrosion of household plumbing systems; erosion of natural deposits	3-5 years	\$15 *	<div style="border: 2px solid black; padding: 5px; width: fit-content; margin: 0 auto;"> <p>All samples should be kept cold after sampling- Please put ice in the bag with the samples.</p> </div> <p>Metals: Sample from most frequently used tap. Water should stand motionless in the plumbing system for at least 6 hours before sampling. Do not remove filters. Remove bottle cap and turn on cold water. Fill bottle to shoulder. Screw cap on securely. Label bottle and submit to Lab.</p>
Iron	Private Well	Erosion of natural deposits	3-5 years	\$15 *	
Arsenic	Private Well	Erosion of natural deposits; runoff from orchards, runoff from glass or electronics production waste	3-5 years	\$15 *	
Copper	Private Well	Corrosion of household plumbing systems; erosion of natural deposits	3-5 years	\$15 *	
Manganese	Private Well	Naturally occurring	3-5 years	\$15 *	
Sodium	Private Well	Naturally occurring; Seawater and road salt seep into the ground.	3-5 years	\$15 *	
Hardness	Private Well	Naturally occurring calcium and magnesium	3-5 years	\$20 *	
Bacteria (Reported as presence/absence of total coliform and E.coli)	Private Well	Coliforms are bacteria that are naturally present in the environment. Fecal coliforms and E.coli bacteria only come from human and animal fecal waste.	Yearly	\$35 *	Bacteria: Remove aerator and screen from faucet. Clean with lint free cloth dampened with bleach and water if needed. Run cold tap for 4-5 minutes, until temperature has stabilized. Reduce flow to 1/8 inch diameter. Remove bottle cap and place face up on a clean surface. Fill bottle to 100mL line and replace cap securely. Label bottle with ID, date and time and submit to lab immediately. Must be analyzed within 6 hours. Sample should not be collected on a Friday.
Chloride	Private Well	Infiltration of road salt, fertilizer, backwash from a water softener & seawater	3-5 years	\$15 *	<p>Anions: Remove aerator and screen from faucet. Run cold tap for 4-5 minutes, until temperature has stabilized. Reduce flow to 1/8 inch diameter. Remove bottle cap and place face up on a clean surface. Fill bottle to shoulder and replace cap securely. Label bottle and submit to lab. Nitrates & Nitrites must be analyzed within 48 hours.</p>
Fluoride	Private Well	Water additive; Erosion of natural deposits; discharge from fertilizer or aluminum factories.	3-5 years	\$15 *	
Nitrate	Private Well	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits.	Yearly	\$15 *	
Nitrite	Private Well	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits.	3-5 years	\$15 *	
pH	Private Well	Naturally occurring	3-5 years	\$10 *	pH: Uses same bottle and sampling procedure as anions. Submit to lab- pH must be analyzed immediately.
VOC's MtBE, Benzene, Toluene, Ethyl benzene, Xylenes	Private Well	Discharge from petroleum factories; leaching from gas storage tanks and landfills.	5-10 years	\$95	VOC: Remove aerator and screen from faucet. Run cold tap for 4-5 minutes, until temperature has stabilized. Reduce flow to 1/8 inch diameter. CAUTION: Vials contain acid- wear gloves and glasses. Remove bottle cap and place face up on a clean surface. Fill vials until water rises just <u>above</u> the rim, and then carefully cap- there should be NO air left in the vial. Label bottle and submit to lab.

* These tests are included in our Standard Water Quality Test Package: \$140 per sample

NOTE: Information on testing frequency was obtained from the EPA "Guide to Water Quality Testing for Private Wells"

The following conditions prompt more frequent testing: Land uses that handle hazardous waste in close proximity; Recent well construction or repairs; Contaminant concentrations found in previous testing; Noticeable changes in water quality.



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