



# What Should I Test My Well Water For?

Need help? Call the Well Test Office at 908-234-1852 ext 401

Test	Reasons to Test	Possible Sources
<b>Total Coliform and Fecal (E. coli) Confirmation</b> <b>Included in Basic Kit - \$60.00</b> <i>Testing recommended annually</i>	Cloudy water. Recurrent gastrointestinal complaints from people drinking water.	Cracks in well casing, faulty seal or seepage near well. Septic system problems. Stormwater runoff.
<b>Nitrate</b> <b>Included in Basic Kit (see above)</b> <i>Testing recommended annually</i>	Cloudy water Recurrent gastrointestinal complaints from people drinking water. High levels are harmful to infants and pregnant women.	Cracks in well casing, faulty seal or seepage near well. Septic system problems. Seepage from fertilized land.
<b>pH, Conductivity &amp; Total Dissolved Solids - \$5.00</b> Performed by RHA	Good indicator of overall groundwater quality. Helpful in determining if water is corrosive.	Dissolved mineral, salts, or metals in the water. Urban and agricultural runoff.
<b>Iron - \$15.00</b> <i>Testing recommended if you are experiencing any signs</i>	Discoloration of laundry or plumbing fixtures, rust stains. Bitter or metallic taste.	Naturally occurring deposits. Industrial wastes.
<b>Manganese - \$15.00</b> <i>Testing recommended if you are experiencing any signs</i>	Discoloration of laundry or plumbing fixtures, rust stains. Bitter or metallic taste.	Naturally occurring deposits. Manufacturing and agricultural runoff.
<b>Lead - \$25.00</b> <i>Testing recommended for homes built before 1987</i>	Can cause physical or mental development problems in infants or children. Kidney problems or high blood pressure in adults. Harmful to pregnant women and children.	Corrosion of household pipes, fittings, solder. Soft water may be more corrosive.
<b>Copper - \$25.00</b> <i>Testing recommended if you are experiencing any signs</i>	High levels can cause vomiting, diarrhea and stomach cramps/nausea. Long term exposure can cause anemia and disrupt liver and kidney function. Discoloration/blue-green stains of plumbing fixtures.	Corrosion of household pipes and fittings. Soft water may be more corrosive.
<b>Arsenic - \$35.00</b> <i>Testing recommended every 5 years or more often if you've had high results</i>	Can cause increased risk of cancers, gastrointestinal ailments, diabetes and cardiovascular impacts.	Naturally occurring deposits. Wood preservative.
<b>Volatile Organics (62 chemicals) - \$95.00</b> <i>Testing recommended at least once, but best to test every 5-7 years especially if near indicated businesses</i>	High levels can cause liver, nervous system disorders, irregular heartbeat, high blood pressure, anemia and cancer.	Underground storage tanks, gas stations, landfills, hazardous waste sites, dry cleaners and septic systems.
<b>Pesticides (18 chemicals) - \$135.00</b> <i>Testing recommended if high nitrate levels and property is located near agricultural lands/golf course</i>	High levels can cause birth defects, cancer and damage to the nervous system.	Farm, golf course, residential runoff.
<b>Radon - \$50.00</b> <i>Testing recommended at least once</i>	Exposure to radon in drinking water can lead to lung cancer. Can be ingested or inhaled as gases are released from the water into the air.	Naturally occurs, produced by the breakdown of uranium in soil, rock and water. Can enter the home through well water.
<b>Gross Alpha - \$80.00</b> <i>Testing recommended at least once</i>	Exposure to gross alpha emitters in drinking water can lead to lung cancer. Can be ingested, or inhaled as gases that are released from the water into the air	Erosion of natural deposits of minerals that are radioactive, may emit alpha radiation, which can enter the home through well water
<b>Hardness - \$15.00</b> <i>Testing recommended if you are experience any signs</i>	High levels can cause dry, itchy skin, mineral buildup around faucets, scummy residue on tubs/showers, rusty toilet rings, and reduced appliance lifespan.	Naturally occurring deposits.