



**UGA Extension Columbia County**

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**W2 Expanded Water Test**

The following elements are included in the Expanded Water Test results from The University of Georgia, Soil, Plant and Water Laboratory. **The cost for this test is \$66.00, cash, check and credit.** The sample needs to be submitted in a clean, gallon, distilled water bottle. Empty the bottle and fill with the water to be tested. We recommend that all drinking water samples be collected from the kitchen faucet or from the faucet used most often for drinking. Fill the bottle with the first flush of water that comes from this faucet as if you were filling a drinking glass.

Please bring the sample the same day collected to the Columbia County Extension Office for mailing to the lab in Athens. The sample needs to be fresh in order to receive the most accurate test results. **We accept samples Monday – Thursday by 3 p.m. We do not accept samples on Friday or the day before a holiday as there will be no one in the lab to process the sample.** You will receive your results in approximately 10 days either in the mail or through email, whichever you prefer. Thank you.

Basic Water Test:

pH and Hardness	Manganese (Mn)	Nickel (Ni)
Phosphorus (P)	Cooper (Cu)	Magnesium (Mg)
Potassium (K)	Cadmium (Cd)	Boron (B)
Calcium (Ca)	Iron (Fe)	Molybdenum (Mo)
Aluminum (Al)	Zinc (Zn)	Silica (Si)
Chromium (Cr)	Sodium (Na)	

Anions:

Chloride (Cl)	Nitrate (NO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )
Fluoride (F)	Phosphate (PO <sub>4</sub> )	

Soluble Salts (Electrical Conductivity/Specific Conductance)

Alkalinity (bicarbonate) and/or Free Carbon Dioxide by calculation (CO<sub>2</sub>)

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