

If you have not had a water test previously, then your first water test should include ALL of the following:

Coliforms	E. coli (or fecal coliforms)	Microscopic exam by a qualified professional microbiologist
Temperature	Conductivity (electrical conductivity)	pH
Nitrate (NO3)	Total Dissolved Solids (TDS)	Color
Turbidity	Free Chlorine (Cl)	Total Chlorine
Total Hardness	Total Alkalinity	Phosphorus (P)
Potassium (K)	Calcium (Ca)	Magnesium (Mg)
Manganese (Mn)	Iron (Fe)	Aluminum (Al)
Boron (B)	Copper (Cu)	Zinc (Zn)
Sodium (Na)		Nitrogen (N)
Chromium (Cr)	Molybdenum (Mo)	Chloride (Cl)
Fluoride (Fl)	Phosphate (PO4)	Sulfate (SO4)

The typical "Basic" Water test includes:

pH, P, K, Ca, Mg, Mn, Fe, Al, B, Cu, Zn, Na, Si, Cd, Ni, Cr, Mo, Hardness;

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706-892-6036

What is important, but not included is:

- Chlorine – Free (residual) and Total, Fluoride;.....should always be included when testing for bacteria; these are bactericidal and can produce false negative coliforms
- Anions: especially phosphate, sulfate and nitrate.....agricultural or domestic waste. Nitrate is common and toxic and should be tested at least annually

Anion Analysis by ICP Includes High Sensitivity Tests for:

Chloride, Fluoride, Phosphate, Sulfate, Nitrate (Consumer should expect to pay ~\$20-80)

•Turbidity.....bacteria, sediment, inactivates disinfectants like chlorine, clogs or inactivates filters

•Total Dissolved Solids.....excellent annual "screen" for changes in water quality

•Saturation Index (SI).....measure of how corrosive water is to fixtures, plumbing, pump, water heater, metal parts etc.

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What is important, but not included continued:

•**At Least Once Where Appropriate:**

- Arsenic (\$50 - \$75)
- Lead (\$50 - \$70)
- Mercury (\$45 - \$100)

Water Fact #1:

“These contaminants are odorless, tasteless, colorless, and are essentially undetectable by human senses”

Water Fact #2:

“If it is in the soil, it will eventually wind up in the water”