

A GUIDE TO UNDERSTANDING YOUR WATER ANALYSIS RESULTS

CONTAMINANT	IMPORTANCE OF TEST	POTENTIAL REMEDIES
Total Coliform	If present, may be an indicator that other harmful bacteria are present.	Chlorination System, UV light
<u>E. coli</u>	If present, indicates potential contamination from a septic system or run off.	Chlorination System, UV light
pH	Results less than 7.0 are acidic and those greater than 7.0 are alkaline. Neutral or acidic waters coupled with low calcium and alkalinity values tend to make the water corrosive. Neutral or alkaline waters coupled with high calcium and alkalinity values tend to make the water non-corrosive.	Acid Neutralizer, Chemical Feed Pump
Hardness	Soft 0 to 5.2 grains/gallon Moderate 5.3 to 7.5 grains/gallon Hard 7.6 to 9.9 grains/gallon (Scale possible) Extreme 10.0+ grains/gallon (Scale likely)	Water Softener
Total Iron	Levels higher than 0.3 mg/L may cause off-color water, metallic taste or staining.	Water Softener, Sediment Filter, Iron Oxidizing Filter
Manganese	Evidence suggests manganese can cause neurological issues at high levels. Levels higher than 0.05 mg/L may cause off color water, metallic taste or staining.	Water Softener, Sediment Filter, Iron Oxidizing Filter
N Nitrate	Levels higher than 10 mg/L could result in serious medical problems with pregnant women and children under six months.	Reverse Osmosis System, Ion Exchange Resin
N Nitrite	Levels higher than 1 mg/L could result in serious medical problems with pregnant women and children under six months.	Reverse Osmosis System, Ion Exchange Resin
Total Solids	Levels higher than 500 mg/L may cause scale formation, hardness and salty taste.	Reverse Osmosis System
Lead	Levels higher than 0.015 mg/L in water may cause medical problems in children including delays in physical and mental development. For adults, kidney problems and high blood pressure can occur.	Reverse Osmosis System, Carbon Filter, Mixed Bed Deionizer, Water Softener
Corrosive Water	Minimal Corrosion Risk any reading above 0.0 Slight Corrosion Risk 0.0 to -1.0 Corrosion Risk -1.1 to -1.5 (Plumbing issues possible) Elevated Corrosion Risk -1.6 or lower (Plumbing issues likely)	Acid Neutralizer, Chemical Feed Pump

Please Note: The above information is supplied as a guide for your use only. We are not qualified to recommend or guarantee that your particular problem will be remedied after installation of any water treatment device.