

## Water Scan Guidelines

pH*	6.5-8.5 A low pH has a bitter metallic taste and is corrosive. A high pH has a slippery feel, a soda taste and leaves deposits.
Manganese*	MCL of 0.05 mg/L. Groundwater levels average below 0.1 and streams less than 0.007 mg/L. Black to Brown color, black staining affect, and bitter metallic taste.
Iron*	MCL of 0.3 mg/L. Groundwater levels average 0.1 – 10.0 mg/L and streams less than 0.7 mg/L. May give water a rusty color, sediment, metallic taste, and may stain reddish or orange.
Sulfate*	MCL 250 mg/L. Mining drainage a possible source.
Specific Conductance –	50-1500 µmhos/cm.
Total Dissolved Solids* -	MCL of 500 mg/L. May cause deposits, staining, salty taste, harness, or colored water.
Nitrate (as N)	MCL of 10 mg/L. Possible sources are industrial waste and wastewater.
Magnesium	Groundwater levels average greater than 5 mg/L and streams about 4 mg/L.
Calcium	Groundwater levels are from 1 to greater than 500 mg/L. Streams average 15 mg/L.
Fluoride*	MCL of 2.0 mg/L. Fluoride levels of about 1.0 reduces dental caries without harmful health hazards.
Chloride	Range from 1-1000+. Possible sources are from saltwater and wastewater.

MCL – Maximum Contaminant Level

\* - MCL or range cited from USEPA national secondary drinking water contaminant list.