

Homeowner Analyses Package

Collection Procedures: Sterilize sampling point with diluted bleach, flush for two minutes then fill up bottles provided.

Total Hardness:

Soft	0 to 50mg/l
Medium	50 to 100mg/l
Hard	100 to 200mg/l
Very Hard	Over 200mg/l

Total Dissolved Solids:

Acceptable	0 to 500mg/l
High in dissolved minerals	Over 500mg/l

Conductivity:

Acceptable	0 to 800 micromhos
High in dissolved minerals	Over 800 micromhos

Sodium:

No official guidelines. Heart Association suggests a maximum of 20mg/l for sodium restricted diets.

Iron:

EPA suggests a maximum of 0.3mg/l for public water systems.

Manganese:

EPA suggests a maximum of 0.05mg/l for public water systems.
*High iron and/or manganese values do not present a health hazard. They are a cosmetic issue staining fixtures while also adding a metallic taste.

pH (acidity):

Acidic	Under 6.5
Slightly acidic	6.5 to 6.9
Neutral	7.0
Slightly alkaline	7.1 to 8.0
Alkaline	Over 8.0

Boron:

EPA has no official drinking water guidelines.
*For agricultural purposes, below 0.5mg/l is satisfactory for all crops. 0.5 to 1.0mg/l satisfactory for most crops. 1.0 to 2.0mg/l for only semi-tolerant crops. 2.0 to 10.0mg/l for only tolerant crops.

Total and Fecal Coliform:

Absent	No coliforms found
Present	Total coliform = potential issues Fecal coliform = unsafe