Georgia Home Pros.com

Matrix: Water

Client:

Sample Location:

GeorgiaWaterTesting.com

This sample taken by M. Scott Webb at 10:00:00 AM on 3/7/2023. . Point of collection:

#8 Basic+ Water Test

Analytes	Results	Description	EPA Limits
Bacteria			
Total Coliform	Present	There should be no Coliform bacteria in the sample.	0
E. Coli	Absent	Known to Cause Illness	0
Total Bacteria Count	9300 cfu/100mL	Other Bacteria	50,000 cfu/100mL
Mineral Chemistry			
Sodium	5.00 mg/L	A Component of Salt	No Limit
Potassium	1.97 mg/L	A Component of Salt	No Limit
Copper	Not Detected	Indicates Plumbing Corrosion	1.30 mg/L
Iron	0.02 mg/L	Brown Stains, Bitter Taste	0.30 mg/L
Manganese	0.01 mg/L	May Cause Black/ Laundry Staining	0.05 mg/L
Magnesium	1.36 mg/L	A Component of Hardness	No Limit
Calcium	20.00 mg/L	A Component of Hardness	No Limit
Arsenic (Total)	Not Detected	A Naturally Occurring Toxic Element	0.010 mg/L
Lead	Not Detected	A Toxic Metal, From Plumbing Components	0.015 mg/L
pH	7.29 SU	Acid/Basic Determination	6.5 - 8.5 SU
Turbidity	0.41 N.T.U.	Presence of Particles/Measure of Cloudiness	No Limit
Color	0 C.U.	Clarity (0), Discoloration (15)	15.0 C.U.
Odor	Absent	Odor May Be Due To Bacteria Contamination	3.0 T.O.N.
Conductivity	136.6 umhos	Electrical Resistance (umhos/cm)	No Limit
T.D.S.	82.0 mg/L	Total Dissolved Minerals Present	500.0 mg/L
Sediment	Absent	Undissolved Solids	Present
Alkalinity	80.0 mg/L	Ability to Neutralize Acid	No Limit
Chlorine	Not Detected	A Disinfectant Byproduct	4.0 mg/L
Chloride	0.84 mg/L	A Component of Salt	250.0 mg/L
Hardness	55.5 mg/L	75 or Higher is Considered Hard	No Limit
Nitrate as Nitrogen	Not Detected	Indicator of Biological Waste	10.0 mg/L
Nitrite as Nitrogen	Not Detected	Indicator of Waste	1.0 mg/L
Ammonia as Nitrogen	Not Detected	Indicator of Waste	No Limit
Sulfate	8.74 mg/L	A Mineral, Can Cause Odor	250.0 mg/L
Fluoride	0.18 mg/L	Naturally Occuring or Added By Municipalities	4.0 mg/L
Tannins	Not Detected	Bitter Tasting Organic Substance	No Limit
Silica	23.44 mg/L	A Hard, Unreactive, Colorless Compound	-
Radiochemistry			
Radon in Water	610 pCi/L	Massachusetts D.E.P. Guideline - 10,000 pCi/L	-
Heavy Metals			
Antimony	Not Detected	A Toxic Metal if Exposed to High Amounts	0.006 mg/L
Aluminum	Not Detected	A Toxic Metal if Exposed to High Amounts	0.05-0.20 mg/L

Georgia Home Pros.com

Matrix: Water

Client:

**Sample
Location:**

This sample taken by M. Scott Webb at 10:00:00 AM on 3/7/2023. . Point of collection:

Basic Water Test

Analytes	Results	Description	EPA Limits
Barium	Not Detected	A Toxic Metal if Exposed to High Amounts	2.0 mg/L
Beryllium	Not Detected	A Toxic Metal if Exposed to High Amounts	0.004 mg/L
Boron	Not Detected	A Toxic Metal if Exposed to High Amounts	-
Cadmium	Not Detected	A Toxic Metal if Exposed to High Amounts	0.005 mg/L
Chromium	Not Detected	A Toxic Metal if Exposed to High Amounts	0.100 mg/L
Mercury	Not Detected	A Toxic Metal	0.002 mg/L
Nickel	Not Detected	A Toxic Metal if Exposed to High Amounts	0.100 mg/L
Selenium	Not Detected	A Toxic Metal if Exposed to High Amounts	0.050 mg/L
Silver	Not Detected	A Toxic Metal if Exposed to High Amounts	0.100 mgL
Thallium	Not Detected	A Toxic Metal if Exposed to High Amounts	0.002 mg/L
Zinc	Not Detected	A Toxic Metal if Exposed to High Amounts	5.0 mg/L
Strontium	0.06 mg/L	A Toxic Metal if Exposed to High Amounts	-
Lithium	Not Detected	A Toxic Metal if Exposed to High Amounts	-
Tin	Not Detected	A Toxic Metal if Exposed to High Amounts	-
Molybdenum	Not Detected	A Toxic Metal if Exposed to High Amounts	-
Cerium	Not Detected	A Toxic Metal if Exposed to High Amounts	-
Titanium	Not Detected	A Toxic Metal if Exposed to High Amounts	-
Vanadium	Not Detected	A Toxic Metal if Exposed to High Amounts	-
Cobalt	Not Detected	A Toxic Metal if Exposed to High Amounts	-
Uranium	Not Detected	A Toxic Metal if Exposed to High Amounts	0.030 mg/L

Other Parameters

T. Phosphorus	Not Detected	A Naturally Occurring Element	-