

Report #: 6324120

Date : 6/3/2024

P.O.Number: 6-3-24 Master Car

Matrix: Water

Client:

Sample

Location:

Well Water Testing Pros

Phone (470) 526-2222

This sample taken by M. Scott Webb at 11:00:00 AM on . .
Point of collection: Kitchen

#8 Basic + Water Test

<u>Analytes</u>	<u>Results</u>	<u>Accredited Method</u>	<u>EPA Limits</u>
<u>Bacteria</u>			
Total Coliform	Absent	SOP #111 based on SM 9223B	0
E. Coli	Absent	SOP #111 based on SM 9223B	0
Total Bacteria Count	69 cfu/mL	SOP #119 based on SM 9215B	500 cfu/mL
<u>Mineral Chemistry</u>			
Sodium	0.49 mg/L		No Limit
Potassium	Not Detected		No Limit
Copper	0.02 mg/L		1.30 mg/L
Iron	Not Detected		0.30 mg/L
Manganese	0.09 mg/L		0.05 mg/L
Magnesium	0.39 mg/L		No Limit
Calcium	3.33 mg/L		No Limit
Arsenic (Total)	Not Detected		0.010 mg/L
Lead	Not Detected		0.015 mg/L
pH	6.38 SU	SOP #101 based on SM 4500-HB	6.5 - 8.5 SU
Turbidity	0.23 N.T.U.	SOP #115 based on SM 2130B	No Limit
Color	0 C.U.		15.0 C.U.
Odor	Absent		3.0 T.O.N.
Conductivity	29.0 umhos	SOP #103 based on SM 2510B	No Limit
T.D.S.	17.4 mg/L		500.0 mg/L
Sediment	Absent		Present
Alkalinity	<20.0 mg/L	SOP #102 based on SM 2320B	No Limit
Chlorine	Not Detected	SOP #114 based on SM 4500-CL-G	4.0 mg/L
Chloride	1.02 mg/L	SOP #125 based on EPA 6500	250.0 mg/L
Hardness	9.9 mg/L		No Limit
Nitrate as Nitrogen	Not Detected	SOP #125 based on EPA 6500	10.0 mg/L
Nitrite as Nitrogen	Not Detected	SOP #125 based on EPA 6500	1.0 mg/L
Ammonia as Nitrogen	Not Detected		No Limit
Sulfate	<0.50 mg/L	SOP #125 based on EPA 6500	250.0 mg/L
Fluoride	<0.10 mg/L	SOP #116 based on SM 4500-F-C	4.0 mg/L
Tannins	Not Detected		No Limit
Silica	6.31 mg/L		-

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<u>Radiochemistry</u>			
Radon in Water	Not Detected		-
<u>Heavy Metals</u>			
Antimony	Not Detected		0.006 mg/L
Aluminum	Not Detected		0.05-0.20 mg/L
Barium	Not Detected		2.0 mg/L
Beryllium	Not Detected		0.004 mg/L
Boron	Not Detected		-
Cadmium	Not Detected		0.005 mg/L
Chromium	Not Detected		0.100 mg/L
Mercury	Not Detected		0.002 mg/L
Nickel	Not Detected		0.100 mg/L
Selenium	Not Detected		0.050 mg/L
Silver	Not Detected		0.100 mg/L
Thallium	Not Detected		0.002 mg/L
Zinc	0.01 mg/L		5.0 mg/L
Strontium	0.01 mg/L		-
Lithium	Not Detected		-
Tin	Not Detected		-
Molybdenum	Not Detected		-
Cerium	Not Detected		-
Titanium	Not Detected		-
Vanadium	Not Detected		-
Cobalt	Not Detected		-
Uranium	Not Detected		0.030 mg/L
<u>Other Parameters</u>			
T. Phosphorus	Not Detected		-