

# Water Quality Testing Services

Report #: 1215231111

Date : 12/15/2023

P.O.Number: 12-15-23 Master C

Matrix: Water

Client:

Sample

Location:

WaterQCTesting.com

Phone (470) 526-2222

This sample taken by M. Scott Webb at 10:10:00 AM on 12/13/2023. . Point of collection: Barn Sink

## Premium Water Test

<u>Analytes</u>	<u>Results</u>	<u>Accredited Method</u>	<u>EPA Limits</u>
<b><u>Bacteria</u></b>			
Total Coliform	Absent	SOP #111 based on SM 9223B	0
E. Coli	Absent	SOP #111 based on SM 9223B	0
Total Bacteria Count	0 cfu/mL	SOP #119 based on SM 9215B	500 cfu/mL
<b><u>Mineral Chemistry</u></b>			
Sodium	3.17 mg/L		No Limit
Potassium	1.14 mg/L		No Limit
Copper	Not Detected		1.30 mg/L
Iron	0.01 mg/L		0.30 mg/L
Manganese	Not Detected		0.05 mg/L
Magnesium	1.30 mg/L		No Limit
Calcium	29.14 mg/L		No Limit
Arsenic (Total)	Not Detected		0.010 mg/L
Lead	Not Detected		0.015 mg/L
pH	8.03 SU	SOP #101 based on SM 4500-HB	6.5 - 8.5 SU
Turbidity	<0.20 N.T.U.	SOP #115 based on SM 2130B	No Limit
Color	1 C.U.		15.0 C.U.
Odor	Absent		3.0 T.O.N.
Conductivity	178.1 umhos	SOP #103 based on SM 2510B	No Limit
T.D.S.	106.9 mg/L		500.0 mg/L
Sediment	Absent		Present
Alkalinity	95.0 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	1.44 mg/L	SOP #125 based on EPA 6500	250.0 mg/L
Hardness	78.1 mg/L		No Limit
Nitrate as Nitrogen	0.76 mg/L	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	2.90 mg/L	SOP #125 based on EPA 6500	250.0 mg/L
Fluoride	0.16 mg/L	SOP #116 based on SM 4500-F-C	4.0 mg/L
Tannins	Not Detected		No Limit
Silica	15.59 mg/L		-

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<b><u>Radiochemistry</u></b>			
Radon in Water	1380 pCi/L		-
<b><u>Heavy Metals</u></b>			
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	0.20 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
<b><u>Other Parameters</u></b>			
T. Phosphorus	Not Detected		-
<b><u>Volatile Organics</u></b>			
Benzene	Not Detected	SOP #107 based on EPA 524.2	5.0 ug/L
Bromobenzene	Not Detected	SOP #107 based on EPA 524.2	-
Bromochloromethane	Not Detected	SOP #107 based on EPA 524.2	-
Bromodichloromethane	Not Detected	SOP #107 based on EPA 524.2	-

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Bromoform	Not Detected	SOP #107 based on EPA 524.2	-
Bromomethane	Not Detected	SOP #107 based on EPA 524.2	-
n-Butylbenzene	Not Detected	SOP #107 based on EPA 524.2	-
sec-Butylbenzene	Not Detected	SOP #107 based on EPA 524.2	No Limit
tert-Butylbenzene	Not Detected	SOP #107 based on EPA 524.2	-
Carbon-Tetrachloride	Not Detected	SOP #107 based on EPA 524.2	5.0 ug/L
Dibromochloromethane	Not Detected	SOP #107 based on EPA 524.2	-
Chloroethane	Not Detected	SOP #107 based on EPA 524.2	-
Chloroform	Not Detected	SOP #107 based on EPA 524.2	-
Chloromethane	Not Detected	SOP #107 based on EPA 524.2	-
1,2-Chlorotoluene	Not Detected	SOP #107 based on EPA 524.2	-
1,4-Chlorotoluene	Not Detected	SOP #107 based on EPA 524.2	-
1,2-Dibromo-3-chloropropane	Not Detected		0.2 ug/L
Dibromomethane	Not Detected	SOP #107 based on EPA 524.2	-
1,2-Dibromoethane	Not Detected		-
1,3-Dichlorobenzene	Not Detected	SOP #107 based on EPA 524.2	-
1,2-Dichlorobenzene	Not Detected	SOP #107 based on EPA 524.2	600.0 ug/L
1,4-Dichlorobenzene	Not Detected	SOP #107 based on EPA 524.2	5.0 ug/L
Dichlorodifluoromethane	Not Detected	SOP #107 based on EPA 524.2	-
1,1-Dichloroethane	Not Detected	SOP #107 based on EPA 524.2	-
1,2-Dichloroethane	Not Detected	SOP #107 based on EPA 524.2	5.0 ug/L
1,1-Dichloroethylene	Not Detected	SOP #107 based on EPA 524.2	7.0 ug/L
cis-1,2-Dichloroethene	Not Detected	SOP #107 based on EPA 524.2	70.0 ug/L
trans-1,2-Dichloroethene	Not Detected		100.0 ug/L
1,2-Dichloropropane	Not Detected	SOP #107 based on EPA 524.2	5.0 ug/L
1,3-Dichloropropane	Not Detected	SOP #107 based on EPA 524.2	-
2,2-Dichloropropane	Not Detected	SOP #107 based on EPA 524.2	-
1,1-Dichloropropene	Not Detected	SOP #107 based on EPA 524.2	-
1,3-Dichloropropene	Not Detected	SOP #107 based on EPA 524.2	-
trans-1,3-Dichloropropene	Not Detected	SOP #107 based on EPA 524.2	No Limit
Ethylbenzene	Not Detected	SOP #107 based on EPA 524.2	700.0 ug/L
Trichlorofluoromethane	Not Detected	SOP #107 based on EPA 524.2	No Limit
Hexachlorobutadiene	Not Detected	SOP #107 based on EPA 524.2	-
Isopropylbenzene	Not Detected	SOP #107 based on EPA 524.2	-

# Water Quality Control Services

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Methyl-t-Butyl Ether (MTBE)	Not Detected	SOP #107 based on EPA 524.2	70.0 ug/L
p-Isopropyltoluene	Not Detected	SOP #107 based on EPA 524.2	-
Methylene Chloride	Not Detected	SOP #107 based on EPA 524.2	5.0 ug/L
Monochlorobenzene	Not Detected	SOP #107 based on EPA 524.2	100.0 ug/L
Napthalene	Not Detected	SOP #107 based on EPA 524.2	-
n-Propylbenzene	Not Detected	SOP #107 based on EPA 524.2	-
Styrene	Not Detected	SOP #107 based on EPA 524.2	100.0 ug/L
1,1,1,2-Tetrachloroethane	Not Detected	SOP #107 based on EPA 524.2	-
1,1,2,2-Tetrachloroethane	Not Detected	SOP #107 based on EPA 524.2	-
Tetrachloroethylene	Not Detected	SOP #107 based on EPA 524.2	5.0 ug/L
Toluene	Not Detected	SOP #107 based on EPA 524.2	1000.0 ug/L
1,2,3-Trichlorobenzene	Not Detected	SOP #107 based on EPA 524.2	-
1,2,4-Trichlorobenzene	Not Detected	SOP #107 based on EPA 524.2	70.0 ug/L
1,1,1-Trichloroethane	Not Detected	SOP #107 based on EPA 524.2	200.0 ug/L
1,1,2-Trichloroethane	Not Detected	SOP #107 based on EPA 524.2	5.0 ug/L
Trichloroethylene	Not Detected	SOP #107 based on EPA 524.2	5.0 ug/L
1,2,3-Trichloropropane	Not Detected	SOP #107 based on EPA 524.2	-
1,2,4-Trimethylbenzene	Not Detected	SOP #107 based on EPA 524.2	-
1,3,5-Trimethylbenzene	Not Detected	SOP #107 based on EPA 524.2	-
Vinyl Chloride	Not Detected	SOP #107 based on EPA 524.2	2.0 ug/L
o-Xylene	Not Detected	SOP #107 based on EPA 524.2	T. Xylenes 10K ug/
m+p Xylenes	Not Detected	SOP #107 based on EPA 524.2	T. Xylenes 10K ug/
<u>Misc. Tests</u>			
Micro Analysis	See Attached		None

OPTIONAL MICROANALYSIS HAS BEEN ADDED HERE FOR ADD'L FEE  
AND CAN BE ADDED TO ANY TEST

## Microanalysis of Report #1215231111

### 1. Bacteria

**No Bacteria Found**

**Total Colony Count = 0 cfu/1 mL**

### 2. Fungi (Including Mold and Yeast)

**No Fungi Found**

**Total Colony Count = 0 cfu/10 mL**

### 3. Particles

**Small Quantity of Sand & Mineral Sediment**

**No Organisms Found**

**Particle Count = 23 Particles/mL**

### 4. Parasites now added to micro

CFU/ml = colony forming units per milliliter

<sup>2</sup> TNTC = Too numerous to count

<sup>3</sup> Additional information regarding the organism(s) detected in this analysis can be attained using resources such as the Internet, local libraries, or by consulting your physician.