

Report #: 717211484

Date : 7/17/2021

P.O.Number: 7/17/21 Visa

Matrix: WaterClient:SampleLocation:

This sample taken by M. Scott Webb at 1:00:00 PM on
7/15/2021. . Point of collection: Kitchen- Main Cottage

Comprehensive Scan Report

<u>Analytes</u>	<u>Results</u>	<u>Description</u>	<u>EPA Limits</u>
<u>Bacteria</u>			
Total Coliform	Present	There should be no Coliform bacteria in the sample.	0
E. Coli	Absent	Known to Cause Illness	0
<u>Mineral Chemistry</u>			
Sodium	4.32 mg/L	A Component of Salt	No Limit
Potassium	1.15 mg/L	A Component of Salt	No Limit
Copper	0.01 mg/L	Indicates Plumbing Corrosion	1.30 mg/L
Iron	0.02 mg/L	Brown Stains, Bitter Taste	0.30 mg/L
Manganese	Not Detected	May Cause Black/ Laundry Staining	0.05 mg/L
Magnesium	1.64 mg/L	A Component of Hardness	No Limit
Calcium	12.27 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	6.68 SU	Acid/Basic Determination	6.5 - 8.5 SU
Turbidity	0.86 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	92.0 umhos	Electrical Resistance (umhos/cm)	No Limit
T.D.S.	55.2 mg/L	Total Dissolved Minerals Present	500.0 mg/L
Sediment	Absent	Undissolved Solids	Present
Chlorine	Not Detected	A Disinfectant Byproduct	4.0 mg/L
Chloride	0.40 mg/L	A Component of Salt	250.0 mg/L
Hardness	37.4 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	2.19 mg/L	A Mineral, Can Cause Odor	250.0 mg/L
<u>Radiochemistry</u>			
Radon in Water	2050 pCi/L	Massachusetts D.E.P. Guideline - 10,000 pCi/L	-
<u>Volatile Organics</u>			
Benzene	Not Detected	Industrial Solvent	5.0 ug/L
Bromobenzene	Not Detected	Industrial Solvent	-
Bromochloromethane	Not Detected	Industrial Solvent	-
Bromodichloromethane	Not Detected	A Disinfectant Byproduct	-
Bromoform	Not Detected	Industrial Solvent	-
Bromomethane	Not Detected	Industrial Solvent	-
n-Butylbenzene	Not Detected	Industrial Solvent	-

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sec-Butylbenzene	Not Detected	Industrial Solvent	No Limit
tert-Butylbenzene	Not Detected	Industrial Solvent	-
Carbon-Tetrachloride	Not Detected	Industrial Solvent	5.0 ug/L
Dibromochloromethane	Not Detected	A Disinfectant Byproduct	-
Chloroethane	Not Detected	Industrial Solvent	-
Chloroform	Not Detected	A Disinfectant Byproduct	-
Chloromethane	Not Detected	Industrial Solvent	-
1,2-Chlorotoluene	Not Detected	Industrial Solvent	-
1,4-Chlorotoluene	Not Detected	Industrial Solvent	-
1,2-Dibromo-3-chloropropane	Not Detected	Pesticide Byproduct	0.2 ug/L
Dibromomethane	Not Detected	Industrial Solvent	-
1,2-Dibromoethane	Not Detected	Pesticide Byproduct	-
1,3-Dichlorobenzene	Not Detected	Pesticide Byproduct	-
1,2-Dichlorobenzene	Not Detected	Pesticide Byproduct	600.0 ug/L
1,4-Dichlorobenzene	Not Detected	Pesticide Byproduct	5.0 ug/L
Dichlorodifluoromethane	Not Detected	Industrial Solvent	-
1,1-Dichloroethane	Not Detected	Plastic Manufacturing Byproduct	-
1,2-Dichloroethane	Not Detected	Plastic Manufacturing Byproduct	5.0 ug/L
1,1-Dichloroethylene	Not Detected	Plastic Manufacturing Byproduct	7.0 ug/L
cis-1,2-Dichloroethene	Not Detected	Industrial Solvent	70.0 ug/L
trans-1,2-Dichloroethene	Not Detected	Industrial Solvent	100.0 ug/L
1,2-Dichloropropane	Not Detected	Industrial Solvent	5.0 ug/L
1,3-Dichloropropane	Not Detected	Pesticide Byproduct	-
2,2-Dichloropropane	Not Detected	Industrial Solvent	-
1,1-Dichloropropene	Not Detected	Pesticide Byproduct	-
1,3-Dichloropropene	Not Detected	Pesticide Byproduct	-
trans-1,3-Dichloropropene	Not Detected	Pesticide Byproduct	No Limit
Ethylbenzene	Not Detected	Industrial Solvent	700.0 ug/L
Trichlorofluoromethane	Not Detected	Industrial Solvent	No Limit
Hexachlorobutadiene	Not Detected	Industrial Solvent	-
Isopropylbenzene	Not Detected	Industrial Solvent	-
p-Isopropyltoluene	Not Detected	Industrial Solvent	-
Methyl-t-Butyl Ether (MTBE)	Not Detected	Gasoline Byproduct	70.0 ug/L
Methylene Chloride	Not Detected	Industrial Solvent	5.0 ug/L
Monochlorobenzene	Not Detected	Industrial Solvent	100.0 ug/L
Napthalene	Not Detected	Industrial Solvent	-
n-Propylbenzene	Not Detected	Industrial Solvent	-
Styrene	Not Detected	Plastic Manufacturing Byproduct	100.0 ug/L
1,1,1,2-Tetrachloroethane	Not Detected	Industrial Solvent	-
1,1,1,2,2-Tetrachloroethane	Not Detected	Industrial Solvent	-

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Tetrachloroethylene	Not Detected	Industrial Solvent	5.0 ug/L
Toluene	Not Detected	Industrial Solvent	1000.0 ug/L
1,2,3-Trichlorobenzene	Not Detected	Industrial Solvent	-
1,2,4-Trichlorobenzene	Not Detected	Industrial Solvent	70.0 ug/L
1,1,1-Trichloroethane	Not Detected	Industrial Solvent	200.0 ug/L
1,1,2-Trichloroethane	Not Detected	Industrial Solvent	5.0 ug/L
Trichloroethylene	Not Detected	Industrial Solvent	5.0 ug/L
1,2,3-Trichloropropane	Not Detected	Industrial Solvent	-
1,2,4-Trimethylbenzene	Not Detected	Industrial Solvent	-
1,3,5-Trimethylbenzene	Not Detected	Plastic Manufacturing Byproduct	-
Vinyl Chloride	Not Detected	Plastic Manufacturing Byproduct	2.0 ug/L
o-Xylene	Not Detected	Industrial Solvent	T. Xylenes 10K ug/
m+p Xylenes	Not Detected	Industrial Solvent	T. Xylenes 10K ug/