



Paul's Water Works Inc
45 Industrial Rd
Suite 107
Cumberland, RI 02864

Phone (401) 769-5809

Matrix: Well Water

Client: Roger Calarese

Sample: 543 Union Street

Location: Franklin MA 02038

This sample taken by Jake A. at 9:45:00 AM on
10/15/2025. . Point of collection: Well Head

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	1 cfu/mL	SOP #119 based on SM 9215B	500 cfu/mL
<u>Mineral Chemistry</u>			
Sodium	26.85 mg/L	SOP #110 based on EPA 200.8	No Limit
Potassium	1.01 mg/L	SOP #110 based on EPA 200.8	No Limit
Copper	Not Detected	SOP #110 based on EPA 200.8	1.30 mg/L
Iron	0.07 mg/L	SOP #110 based on EPA 200.8	0.30 mg/L
Manganese	Not Detected	SOP #110 based on EPA 200.8	0.05 mg/L
Magnesium	6.90 mg/L	SOP #110 based on EPA 200.8	No Limit
Calcium	58.55 mg/L	SOP #110 based on EPA 200.8	No Limit
Arsenic (Total)	Not Detected	SOP #110 based on EPA 200.8	0.010 mg/L
Lead	Not Detected	SOP #110 based on EPA 200.8	0.015 mg/L
pH	7.57 SU	SOP #101 based on SM 4500-HB	6.5 - 8.5 SU
Turbidity	0.60 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	480.0 umhos	SOP #103 based on SM 2510B	No Limit
T.D.S.	288.0 mg/L		500.0 mg/L
Sediment	Absent		Present
Alkalinity	45.0 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	120.39 mg/L	SOP #125 based on EPA 6500	250.0 mg/L
Hardness	174.6 mg/L	SOP #110 based on EPA 200.8	No Limit
Nitrate as Nitrogen	3.60 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	12.86 mg/L	SOP #125 based on EPA 6500	250.0 mg/L
Fluoride	0.28 mg/L	SOP #116 based on SM 4500-F-C	4.0 mg/L
Tannins	Not Detected		No Limit

The integrity of the sample and results are dependent on the quality of sampling. The results apply only to the actual sample tested. Environmental Testing and Research Laboratories shall be held harmless from any liability arising out of the use of such results. Not all analyses were conducted in accordance with Massachusetts Department of Environmental Protection certification standards.



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<u>Analytes</u>	<u>Results</u>	<u>Accredited Method</u>	<u>EPA Limits</u>
Silica	14.42 mg/L		-
<u>Radiochemistry</u>			
Radon in Water	953 pCi/L		-
<u>Heavy Metals</u>			
Antimony	Not Detected		0.006 mg/L
Aluminum	Not Detected		0.05-0.20 mg/L
Barium	0.06 mg/L		2.0 mg/L
Beryllium	Not Detected		0.004 mg/L
Boron	0.01 mg/L	SOP #110 based on EPA 200.8	-
Cadmium	Not Detected	SOP #110 based on EPA 200.8	0.005 mg/L
Chromium	Not Detected	SOP #110 based on EPA 200.8	0.100 mg/L
Mercury	Not Detected	SOP #110 based on EPA 200.8	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	0.04 mg/L	SOP #110 based on EPA 200.8	5.0 mg/L
Strontium	0.18 mg/L		-
Lithium	Not Detected		-
Tin	Not Detected		-
Molybdenum	Not Detected		-
Cerium	Not Detected		-
Titanium	Not Detected		-
Vanadium	Not Detected		-
Cobalt	Not Detected		-
Uranium	0.002 mg/L	SOP #110 based on EPA 200.8	0.030 mg/L
<u>Other Parameters</u>			
T. Phosphorus	Not Detected		-

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