

2021 Bath Water District Volatile Organics Analysis

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>High Limit</u>	<u>Low Limit</u>	<u>RL</u>	<u>MCL</u>
pH	7.5	S.U.	8.5	6.5		
Color	<5	PCU			5	15
Chloride	16	mg/L			1	250
Fluoride	0.8	mg/L			0.1	4
Total Hardness	10	mg/L			0.331	
Nitrate Nitrogen	<.05	mg/L			0.05	10
Nitrite Nitrogen	<.05	mg/L			0.05	1
Sulfate	4	mg/L			1	250
Antimony	<.5	ug/L			0.5	6
Arsenic	0.55	ug/L			0.5	10
Barium	0.0017	mg/L			0.005	2
Beryllium	<.5	ug/L			0.5	4
Cadmium	<.5	ug/L			0.5	5
Calcium	2.4	mg/L			0.05	
Chromium	<.005	mg/L			0.0005	0.1
Copper	0.001	mg/L			0.0005	1.3
Iron	<.05	mg/L			0.05	0.3
Lead	<.5	ug/L			0.5	15
Magnesium	1	mg/L			0.05	
Manganese	0.031	mg/L			0.0005	0.05
Nickel	<.0005	mg/L			0.0005	
Selenium	<.0005	mg/L			0.002	0.05
Silver	<.0005	mg/L			0.0005	0.1
Sodium	15	mg/L			0.05	
Turbidity	<0.6	NTU			0.6	
Thallium	<.0005	mg/L			0.0005	0.002
Uranium	<.5	ug/L			0.5	30
Zinc	0.0017	mg/L			0.002	2
Mercury	<.1	ug/L			0.05	2

Definitions: Analyte-the organic compound tested for

Result-how much of the organic was present

Units-the unit of measure of each result

High/low limit-the compliance standards for pH level

RL-The reporting limit, the lowest concentration which can be reliably reported

MCL-The maximum contaminant level set by drinking water standards

