



AQUARION
Water Company

Stewards of the Environment™

— **2022** —

WATER
QUALITY
REPORT

Water: it's too precious to waste

NORTH MOUNTAIN

PWS ID#:CT1100112

Este informe contiene información importante sobre su agua potable. Pida a alguien que lo traduzca para usted, o hable con alguien que lo entienda.

WATER QUALITY TABLE

Your water has been tested for more than 100 compounds that are important to public health. The maximum number of compounds detected was 11, all of which were below the amounts allowed by state and federal law. Most of these compounds are naturally occurring. Monitoring frequency varies from daily to

once every nine years per EPA regulation, depending on the parameter. Our testing encompasses the full range of regulated inorganic, organic and radiological compounds, and microbiological and physical parameters. Results shown below are for detected compounds only.

Substance (Units of Measure)	Likely Source	MCLG	MCL	Compliance	Test Date	Average	Range
INORGANIC COMPOUNDS							
Barium (ppm)	Erosion of natural deposits	2	2	YES	2022	0.02 ⁺	0.02
Copper (ppm)	Corrosion of household plumbing systems	1.3	AL = 1.3	YES	2022	0.14 [*]	
Fluoride (ppm)	Water additive that promotes strong teeth; erosion of natural deposits	4.0	4.0	YES	2022	0.87 ⁺	ND < 0.01 - 0.87
Lead (ppb)	Corrosion of household plumbing systems	0	AL = 15	YES	2022	ND < 1 ^{**}	
Nitrate (ppm)	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits	10	10	YES	2022	0.38 ⁺	0.38

MICROBIALS							
Turbidity (NTU)	Water additive used to control microbes	NA	TT = 1 max	YES	2022	0.09 ⁺	0.02 - 0.09
Turbidity (NTU)	Water additive used to control microbes	NA	TT = 95% of Samples < 0.3	YES	2022	100%	

DISINFECTANT							
Chlorine (ppm)	Water additive used to control microbes	MRDLG 4	MRDL 4	YES	2022	0.38	0.08 - 1.01

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WATER QUALITY TABLE Continued from page 2

Substance (Units of Measure)	Likely Source	MCLG	MCL	Compliance	Test Date	Average	Range
ORGANIC COMPOUNDS							
Total Organic Carbon [TOC]	Naturally present in the environment	NA	TT Removal Ratio > 1#	YES	2022	1.6 ⁺	1.1 - 1.6
Haloacetic Acids 5 (ppb)	By-product of drinking water chlorination	NA	60	YES	2022	18 ⁺	4 - 18
Total Trihalomethanes (ppb)	By-product of drinking water chlorination	NA	80	YES	2022	86 ⁺	15 - 86
STATE-REQUIRED TESTING — PHYSICAL CHARACTERISTICS[^]							
Color (CU)	Natural organic matter such as decaying leaves; naturally occurring iron and manganese	NA	15	YES	2022	2	1 - 4
pH	Naturally occurring; water treatment processes	NA	6.4 - 10.0	YES	2022	9.2	8.3 - 9.5
Turbidity (NTU)	Sediment particles; naturally occurring iron and manganese; soil runoff	NA	5	YES	2022	0.23	0.10 - 0.50
STATE-REQUIRED TESTING — INORGANIC COMPOUNDS							
Chloride (ppm)	Naturally present in the environment	NA	250	YES	2022	28 ⁺	28
Sodium (ppm)	Water treatment processes; use of road salt; naturally present in the environment	NA	NL = 28	NA	2022	12.5 ⁺	12.5
Sulfate (ppm)	Naturally present in the environment	NA	SMCL = 250	NA	2022	4 ⁺	4

Footnotes and Definitions

< Less than

AL Action Level: The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

CU Color Units

MCL Maximum Contaminant Level: The highest level of a contaminant that is

allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

MCLG Maximum Contaminant Level Goal: The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

NA Not Applicable

ND Not Detected

NL State of Connecticut customer notification level

NTU Nephelometric Turbidity Units, a measure of the presence of particles. Low turbidity is an indicator of high-quality water.

ppb parts per billion, or micrograms per liter (ug/L)

ppm parts per million, or milligrams per liter (mg/L)

SMCL Secondary Maximum Contaminant Level

+ Highest level detected by the New Britain Water Department.

* 90th percentile value in copper monitoring. Result is representative of customer sampling stagnant water. No locations exceeded the action level for copper.


** 90th percentile value in lead monitoring. Result is representative of customer sampling stagnant water. No locations exceeded the action level for lead.

[^] Measured at representative locations within the distribution system.

OTHER MONITORED SUBSTANCES

Monitoring Unregulated Contaminants

Unregulated contaminants are elements that currently have no health standards assigned for drinking water. No compounds were detected in your system. To learn about the full list of unregulated contaminants included in the monitoring program, please call our Water Quality Department at 800-832-2373.



This system was tested for the four PFAS compounds with Action Levels in CT, but none were detected in 2022.