AQUARION Water Company

Stewards of the Environment™

BERKSHIRE CORPORATE PARK SYSTEM | PWS ID#: CT0090292

2024 WATER QUALITY REPORT

IN THIS REPORT

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. Only the compounds detected are listed in the table, all of which were below the amounts allowed by state and federal law. Most of these compounds are either naturally occurring or introduced as treatment to improve water quality. 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 here 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	2024	0.015⁺	0.011 - 0.015
Copper (ppm)		1.3	AL = 1.3	✔ YES	2023	0.18♦	0.02 - 0.23
Fluoride (ppm)	Corrosion of household plumbing systems	4.0	4.0	✔ YES	2024	0.74⁺	0.60 - 0.74
Lead (ppb)		0	AL = 15	✔ YES	2023	ND < 1♦♦	ND < 1
Nitrate (ppm)	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits	10	10	✔ YES	2024	0.09⁺	ND < 0.004 - 0.09
MICROBIALS							
Turbidity (NTU)	Water additive used to control microbes	NA	TT = 1 max	✔ YES	2024	0.41⁺	0.11 - 0.41
Turbidity (NTU)		NA	TT = 95% of Samples < 0.3	✔ YES	2024	99%	
DISINFECTANT							
Chlorine (ppm)	By-product of drinking water chlorination	MRDLG = 4	MRDL = 4	✔ YES	2024	0.36	ND < 0.05 - 0.83

For a list of terms used in this table, please see the glossary on page 5 of this report.

Water Quality Table - Continued from page 2

SUBSTANCE (Units of Measure)	LIKELY SOURCE	MCLG	MCL	COMPLIANCE	TEST DATE	AVERAGE	RANGE
ORGANIC COMPOUNDS							
Haloacetic Acids 5 (ppb)	Erosion of natural deposits	NA	60	✔ YES	2024	15◊	10 - 20
Total Organic Carbon [TOC]	Naturally present in the environment.	NA	TT Removal Ratio > 1#	✔ YES	2024	1.29	1.29 - 1.63
Total Trihalomethanes (ppb)	Erosion of natural deposits	NA	80	✔ YES	2024	52◊	20 - 70
STATE-REQUIRED TESTING — PHYSICAL CHARACTERISTICS^							
Color (CU)	Natural organic matter such as decaying leaves; naturally occurring iron and manganese	NA	15	✔ YES	2024	2	1 - 3
pH	Naturally occurring; water treatment processes	NA	6.4 - 10.0	✔ YES	2024	7.8	7.4 - 8.4
Turbidity (NTU)	Sediment particles; naturally occurring iron and manganese; soil runoff	NA	5	✔ YES	2024	0.19	0.15 - 0.30
STATE-REQUIRED TESTING — INORGANIC COMPOUNDS							
Chloride (ppm)	Naturally present in the environment	NA	250	✔ YES	2024	44+	34 - 44
Sodium (ppm)	Water treatment processes; use of road salt; naturally present in the environment	NA	NL = 100	NA	2024	32+	24 - 32
Sulfate (ppm)	Naturally present in the environment	NA	SMCL = 250	NA	2024	29+	26 - 29

FOOTNOTES

+ Highest level detected by the Danbury Water Department.

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

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

The monthly TOC removal ratio is calculated as the ratio between the actual TOC removed and the TOC rule removal requirements. This number should be greater than 1.

◊ Value is the highest locational annual average of quarterly measurements for disinfection byproducts in the distribution system. Values in the range are individual measurements.

^ Measured at representative locations within the distribution system.

For a list of terms used in this table, please see the glossary on page 5 of this report.

Other Monitored Substances

Hardness in Your System

Hardness is a measure of naturally-occurring minerals, like calcium and magnesium, dissolved in the water. Hardness does not have any negative health effects, so it is not regulated by the EPA or the Connecticut Department of Public Health (CTDPH). These minerals can create a buildup on fixtures and appliances. Please refer to fixture and appliance manufacturer recommendations on addressing buildup.

HARDNESS (gpg)	
TEST DATE	2024
AVERAGE	5
RANGE	5
SOURCE	Erosion of natural deposits

Monitoring Unregulated Contaminants

Unregulated contaminants are elements that currently have no health standards assigned for drinking water. This table shows only the compounds detected in your system. To learn about the full list of unregulated contaminants included in the monitoring program, please visit www.epa.gov/dwucmr.

SUBSTANCE (Units of Measure)	**DETECTED LEVEL**			
UNREGULATED CONTAMINANTS	**TEST DATE**	**AVERAGE**	**RANGE**	**SOURCE OF CONTAMINANT**
PFOA (ppt)	2024	5+	5	Discharges and emissions from industrial sources; manufacturing and use of consumer products
PFOS (ppt)	2024	3+	3	
GenX Chemicals (ppt)	2024	4+	4	
PFPeA (ppt)	2024	3+	3	
PFHxA (ppt)	2024	3+	3	
PFBA (ppt)	2024	4+	4	

+ Highest level detected by the Danbury Water Department.

Glossary | These terms may appear in your report.

Definitions

< - Less than

> - Greater than

90th Percentile - Out of every 10 homes sampled, 9 were at or below this level. This number is compared to the action level to determine lead and copper compliance.

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

gpg - grains per gallon

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.

MRDL - Maximum Residual Disinfectant Level: The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.

MRDLG - Maximum Residual Disinfectant Level Goal: The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contamination.

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.

pCi/L - picocuries per liter

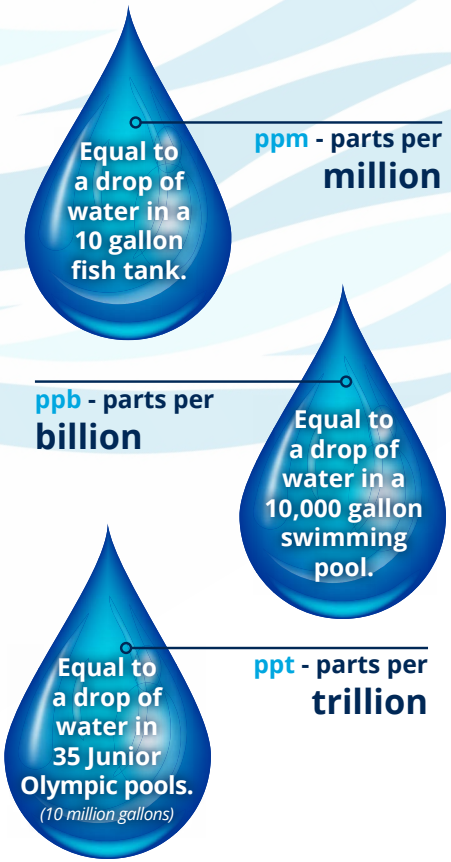
ppb - parts per billion, or micrograms per liter (ug/L)

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

ppt - parts per trillion, or nanograms per liter (ng/L)

SMCL - Secondary Maximum Contaminant Level: These standards are developed to protect aesthetic qualities of drinking water and are not health based.

TT - Treatment Technique: A required process intended to reduce the level of a contaminant in drinking water.



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