AQUARION Water Company

Stewards of the Environment™

2020 Water Quality Report

Berkshire Corporate Park System, Bethel

Water: It's Too Precious To Waste.

Berkshire Corporate Park System, Bethel 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 14, 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.

	Highest Allowed by Law				Berkshire Corporate Park System Detected Level	
Substance (Units of Measure)	**MCLG**	**MCL**	**Compliance**	**Test Date**	**Average**	**Range**
Inorganic Compounds						
Barium (ppm)	2	2	**YES**	2020	0.012+	0.011 – 0.012
Copper (ppm)	1.3	AL = 1.3	**YES**	2020	0.19*	
Fluoride (ppm)	4.0	4.0	**YES**	2020	0.84+	0.59 – 0.84
Lead (ppb)	0	AL = 15	**YES**	2020	ND < 1**	
Nitrate (ppm)	10	10	**YES**	2020	0.33+	0.24 – 0.33
Microbials						
Turbidity (NTU)	NA	TT = 1 max	**YES**	2020	0.23+	0.05 – 0.23
Turbidity (NTU)	NA	TT = 95% of samples < 0.3	**YES**	2020	100%	
Disinfectant						
Chlorine (ppm)	MRDLG 4	MRDL 4	**YES**	2020	0.43	ND < 0.05 – 0.86
Organic Compounds						
Total Trihalomethanes (ppb)	NA	80	**YES**	2020	48	28 – 82
Total Haloacetic Acids (ppb)	NA	60	**YES**	2020	14	10 – 19
State-Required Testing Physical Characteristics^						
Color (CU)	NA	15	**YES**	2020	1	0 – 2
pH	NA	6.4 – 10.0	**YES**	2020	7.6	7.3 – 8.5
Turbidity (NTU)	NA	5	**YES**	2020	0.08	0.05 – 0.15
Inorganic Compounds						
Chloride (ppm)	NA	250	**YES**	2020	64.8+	52.6 – 64.8
Sodium (ppm)	NA	NL = 28	**NA**	2020	36.8+	29.3 – 36.8
Sulfate (ppm)	NA	SMCL = 250	**NA**	2020	36.8+	27.2 – 36.8

(See footnotes and definitions on page 3)

Footnotes and Definitions for water quality table on previous page

<	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)
+	Highest level detected.
*****	90th percentile value in copper monitoring. Result is representative of customers 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.

HEALTH EFFECTS

Sodium: If you have been placed on a sodium-restricted diet, please inform your physician that our water may contain as much as 36.8 ppm of sodium.

Understanding Your Water Quality Table

Barium: Erosion of natural deposits.

Copper: Corrosion of household plumbing systems.

Fluoride: Erosion of natural deposits.

Lead: Corrosion of household plumbing systems.

Nitrate: Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits.

Chlorine: Water additive used to control microbes.

Total Trihalomethanes: By-product of drinking water chlorination.

Total Haloacetic Acids: By-product of drinking water chlorination.

Color: Natural organic matter such as decaying leaves; naturally occurring iron and manganese.

pH: Naturally occurring; water treatment processes.

Turbidity: Sediment particles; naturally occurring iron and manganese; soil runoff.

Chloride: Naturally present in the environment.

Sodium: Water treatment processes; use of road salt; naturally present in the environment.

Sulfate: Naturally present in the environment.

Questions About Your Water Quality Report?

Customers who have questions about water quality should call us at 800-832-2373. Customers also may email us at www.waterquality@aquarionwater.com, or visit www.aquarionwater.com.

For other questions, or to report discolored water/service problems, or if you would like to participate in a public meeting, call 800-732-9678.

Connecticut Department of Public Health Drinking Water Section: 860-509-7333 or www.ct.gov/dph

U.S. Environmental Protection Agency's Safe Drinking Water Hotline: 800-426-4791 or www.epa.gov/safewater