



AQUARION
Water Company

Stewards of the Environment™

2020 Water Quality Report

Marlborough Municipal Water System

Water: It's Too Precious
To Waste.



Marlborough Municipal Water System 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.

| Highest Allowed by Law | | | | Marlborough Municipal Water Detected Level | | |
|----------------------------------|------|------------|------------|--|---------|---------------|
| Substance (Units of Measure) | MCLG | MCL | Compliance | Test Date | Average | Range |
| Inorganic Compounds | | | | | | |
| Barium (ppm) | 2 | 2 | YES | 2018 | 0.002 | 0.002 |
| Copper (ppm) | 1.3 | AL = 1.3 | YES | 2020 | 0.22* | |
| Fluoride (ppm) | 4.0 | 4.0 | YES | 2018 | 0.30 | 0.30 |
| Lead (ppb) | 0 | AL = 15 | YES | 2020 | 3** | |
| Nitrate (ppm) | 10 | 10 | YES | 2020 | 0.068 | 0.029 – 0.162 |
| State-Required Testing | | | | | | |
| Physical Characteristics^ | | | | | | |
| Color (CU) | NA | 15 | YES | 2020 | 4 | 2 – 5 |
| pH | NA | 6.4 – 10.0 | YES | 2020 | 7.5 | 7.3 – 7.7 |
| Turbidity (NTU) | NA | 5 | YES | 2020 | 0.45 | 0.35 – 0.60 |
| Inorganic Compounds | | | | | | |
| Chloride (ppm) | NA | 250 | YES | 2018 | 19.1 | 19.1 |
| Sodium (ppm) | NA | NL = 28 | NA | 2018 | 13.2 | 13.2 |
| Sulfate (ppm) | NA | SMCL = 250 | NA | 2018 | 15.6 | 15.6 |

(See footnotes and definitions on page 3)

Footnotes and Definitions for water quality table on previous page

| | | | |
|-------------|--|-------------|---|
| AL | Action Level: The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow. | ppb | parts per billion, or micrograms per liter (ug/L) |
| CU | Color Units | ppm | parts per million, or milligrams per liter (mg/L) |
| 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. | SMCL | Secondary Maximum Contaminant Level |
| 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. | * | 90th percentile value in copper monitoring. Result is representative of customers sampling stagnant water. No locations exceeded the action level for copper. |
| NA | Not Applicable | ** | 90th percentile value in lead monitoring. Result is representative of customer sampling stagnant water. No locations exceeded the action level for lead. |
| NL | State of Connecticut customer notification level | ^ | Measured at representative locations within the distribution system. |
| NTU | Nephelometric Turbidity Units: A measure of the presence of particles. Low turbidity is an indicator of high-quality water. | | |

Understanding Your Water Quality Table

| | | | |
|------------------|--|-------------------|--|
| Barium: | Erosion of natural deposits. | pH: | Naturally occurring; water treatment processes. |
| Copper: | Corrosion of household plumbing systems. | Turbidity: | Sediment particles; naturally occurring iron and manganese; soil runoff. |
| Fluoride: | Erosion of natural deposits. | Chloride: | Naturally present in the environment. |
| Lead: | Corrosion of household plumbing systems. | Sodium: | Use of road salt; naturally present in the environment. |
| Nitrate: | Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits. | Sulfate: | Naturally present in the environment. |
| Color: | Natural organic matter such as decaying leaves; naturally occurring iron and manganese. | | |

Questions About Your Water Quality Report?

Customers who have questions about water quality should call us at [800-832-2373](tel: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](tel:800-732-9678).

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

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