



TOWN OF NORTHBOROUGH

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Public Water Supply

2215000

Dear Northborough Water Customer;

Northborough is again joining the other MWRA communities in providing our water users with the Annual Water Quality Report produced by the MWRA. For calendar year 2009 most of Northborough's water has been pumped from the MWRA system. Because of water chemistry incompatibilities, the Northborough well water and treated MWRA water couldn't be combined. Beginning in June 2009, the Lyman Street well has been online with appropriate treatment.

After pumping the water from MWRA and the Lyman Street well, Northborough is responsible for delivering the water to our customers. MWRA's water receives complete treatment. MWRA adds fluoride, which is done to prevent tooth decay/cavities. The Water Division maintains over 70 miles of distribution pipelines, over 550 fire hydrants and services 4,026 accounts. In 2009, the Town of Northborough Water Department distributed 278.6 million gallons of water to Northborough customers. As part of the Department's routine maintenance program, the Department flushes the entire system to remove sediment and other debris. Additionally, we perform leak detection semi-annually.

IMPROVEMENTS

The Water Department is evaluating, upgrading, cleaning and lining water mains on an on-going basis. The pilot testing for the new Brigham Street well has been approved by DEP. The Water Department has almost completed replacement of all the outside water readers with radio transmitters inside the house, at the meter. If you do not already have one, please call the Department at the number above to schedule free installation.

CROSS CONNECTION

Northborough has an ongoing program to eliminate possible cross connections from the distribution system. A cross connection can happen when water gets suctioned back into the water system by negative pressure which can be caused by using hydrants to fight a fire or a water main break. Any homeowner that has an irrigation well must have it inspected by the Water Department to ensure that there is no cross connection between the municipal water system and the irrigation well. (As always, since June 1985, no irrigation systems can be connected to the municipal water system. All irrigation systems must be connected to a private well.)

WATER ANALYSIS

The Town of Northborough and MWRA continue to analyze water samples on a routine basis. Northborough had no violations during calendar year 2009.

LEAD & COPPER RESULTS

Northborough has conducted lead and copper testing and found that the Action Level for both lead and for copper has been met.

Listed below are substances detected in Northborough drinking water in 2009.

| SUBSTANCE (Contaminant) | HIGHEST LEVEL DETECTED | RANGE OF DETECTION | HIGHEST LEVEL ALLOWED | IDEAL GOALS | SOURCES OF CONTAMINANT |
|---|---------------------------|---|--------------------------|--|--|
| Fluoride (ppb) | 1.1 | 0.9-1.1 | 4 | 4 | Additive for strong teeth Naturally occurring |
| Nitrate (ppm) | 0.64 | 0.64 | 10 | 10 | |
| MICROBIOLOGY | | | | | |
| Total Coliform (highest # of detections per month) | 0 | 0-0 | 1 | 0 | Naturally present in the environment |
| LEAD AND COPPER | | | | | |
| SUBSTANCE (Contaminant) | 90th PERCENTILE | # OF SAMPLES EXCEEDING ACTION LEVEL | ACTION LEVEL (AL) | MAXIMUM CONTAMINANT LEVEL GOAL (MCLG) | |
| Lead | 2.19 ppb | 0 | 15 ppb | 0 | |
| Copper | 158 ppb | 0 | 1300 ppb | 0 | |

The Northborough Water Department continues its commitment to provide our customers with high quality water. If you have any questions, want to be involved in the decision making process, or want more information please call Kara Buzanoski, DPW Director at 508-393-5030 in the DPW Department office. The office is located at 63 Main Street in the Town Hall.