



Town of Canton

Public Water Supply
4050000

Dear Canton Water Customer,

The Canton Department of Public Works Water Division, in partnership with the MWRA, is pleased to provide this report on your drinking water and to communicate our efforts in supplying high quality water to your home. Canton uses an average of 2.4+ million gallons of water daily. 100% of this water is supplied by MWRA through a connection to our water system.

The Town of Canton has a distribution system of over 122 miles of water mains. The distribution system consists of a network of pipes, valves, hydrants, service lines, five storage tanks and two pump stations.

The system takes water from the MWRA and delivers water to homes, businesses and other facilities for drinking and commercial use. The system is also used for fire protection. The Town is constantly improving our system by performing biennial leak detection surveys to reduce water waste, and by daily review of the security of the water system facilities. Our Radio Read Meter Replacement Program and the assigned scheduling of our Meter Reading personnel has decreased our unaccounted-for water usage and increased our ability to meet our financial requirements.

On a daily basis our water crews are constantly performing both small and large leak detections, checking and verifying pressure, flushing pipelines to keep the water as clean as possible and replacing or rebuilding meters. The Canton Water Division has also replaced extensive amounts of water mains and services throughout the Town.

These activities, together with our Cross Connection Program, have made our water system safer and more accountable.

Lead and Copper:

Sampling Date: 09/15/2008 Next round will be conducted in 2011

Parameter	Action Level (AL)	90th %	90th % > AL	# samples	# samples above AL
Lead (ppb)	15	2	no	31	0
Copper (ppm)	1.3	0.058	no	31	0

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. The Town of Canton is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your tap water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at <http://epa.gov/safewater/lead>.

Fluoride:

Contaminant	Date(s) Collected	Highest Result	Range Detected	MCL	MCLG	Possible Sources of Contamination
Fluoride (ppb)	Monthly	1.1	0.9-1.1	4	4	Water additive which promotes strong teeth

Fluoride is a naturally occurring element in many water supplies in trace amounts. In our system the fluoride level is adjusted to an optimal level averaging one part per million to improve oral health in children. At this level, it is safe, odorless, colorless, and tasteless.

Water Analysis: The Town of Canton and the MWRA analyze water samples on a routine basis to assure compliance with state and federal regulatory requirements. The Canton Water Division samples many additional sites to maintain the highest quality of water to our customers.

We hope you find this report informative and useful. If you require more information on a particular topic, contacts and phone numbers for MWRA and the EPA are provided in the report.

Ronald Redquest, Supervisor
Canton Water Division, Department of Public Works

For detailed information on the status of any of our projects, please visit us at www.canton.ma.us or call the Town of Canton Water Division at 781-821-5017.