

Your Community



Town of Canton Department of Public Works

Public Water Supply
4050000

Dear Canton Water Customer

The Canton Public Works Department 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 2.5 million gallons of water daily. 20% of this water is supplied by MWRA through a connection to our water system and 80% of the water is supplied from local sources and treated at the James Moran Treatment Facility and the Edward M. Sullivan Treatment Facility, which started up in April 2012.

The Town of Canton has a distribution system of over 128 miles of water mains with more than 6600 service connections, 1100 fire hydrants, five storage tanks, and two pump stations. The system conveys water from the MWRA and our treatment plants delivering water to homes, businesses, and other facilities for drinking and commercial use. The system is also used for fire protection.

Daily, the Water Division's men and women are performing leak detection and repair, checking and verifying pressure, flushing mains and hydrants, and replacing, calibrating, and reading meters. These activities keep Canton's water system safe, decrease the amount of water waste, and increase the Division's financial accountability.

Non-Compliance: During the months of May, June, July, August, and September we had violations of the Total Coliform Rule. We detected *E.coli* in a raw water sample (before treatment) in November 2012. With the help of MA DEP, all problems have been resolved. The Canton water system is in full compliance with Federal and State health rules and regulations.

Source Water Assessment: MA DEP conducted a Source Water Assessment (SWAP) in 2003 to measure the susceptibility of the Town of Canton's water supply to contamination. MA DEP assigned a susceptibility ranking of High to Canton. The complete SWAP report is available online. www.mass.gov/dep/water/drinking/swapover.htm

Lead and Copper:						
<i>Sampling Date: July thru September 2011 Next round will be conducted in 2014</i>						
Parameter	Action Level (AL) (mg/l)	90th % (mg/l)	90th >AL	# Samples	# Samples above AL	% Samples above AL
Lead	0.015	0.004	no	31	1	3%
Copper	1.300	0.170	no	31	0	0

Contaminant	Units	MCL	Highest Level Found	MCLG	Violation	How it Gets in the Water
Fluoride	ppm	4	1.1	4	No	Water additive promotes strong teeth
Total Trihalomethanes	ppb	80	32.4	0	No	Byproduct of drinking water disinfection
Haloacetic Acids	ppb	60	14.3	0	No	Byproduct of drinking water disinfection

Fluoride is a naturally occurring element in many water supplies in trace amounts. In our system we adjust 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 comply with all state and federal requirements.

We hope you find this report informative and useful. If you require more information, contacts, and phone numbers for MWRA and EPA are provided in this report. For detailed information on the status of any of our projects or on public meetings, please visit us at www.town.canton.ma.us or call the Town of Canton Water Division at (781) 821-5017.

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Canton Water Division
Department of Public Works