

# Your Community



**City of Woburn, Massachusetts**  
**Department of Public Works**  
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Public Water Supply  
 # 3347000

Jay Duran, *Superintendent*

Dear Water Customer:

The Woburn Department of Public Works, in conjunction with the Massachusetts Water Resources Authority (MWRA) supplies potable water to approximately 12,500 residential and commercial customers. This report provides information on the quality of water supplied through the municipal well field at Horn Pond. MWRA water quality information is contained elsewhere in this report. The following water quality data contains results based on annual testing performed in 2012.

In addition to above, the City obtains and tests samples from each Well for volatile and synthetic organic compounds, inorganic compounds and bacteria. Within the distribution system, twenty-one separate locations are tested weekly or quarterly for bacteria, trihalomethanes, haloacetic acids, iron, manganese, lead and copper. Other sites are tested periodically. All testing sites are scheduled and approved by the Massachusetts Department of Environmental Protection.

Compound	Average	Range	MCL	MCLG	Violation	Source
Barium (ppm)	0.012	0.011-0.013	2	2	No	Common mineral in nature
Chlorine (ppm)	1.11	0.01-3.5	4-MRDL	4-MRDLG	No	Water disinfection
Fluoride (ppm)	0.85	0.77-0.92	4	4	No	Water additive for stronger teeth
Nitrate (ppm)	0.36*	0.22-3.6	10	10	No	Atmospheric deposition
Selenium (ppb)	1.1	1.0-1.2	50	50	No	Erosion of natural deposits
Sodium (ppm)	97.5		NA	NA	No	Road runoff
Total Trihalomethanes (ppb)	32.7	2.9-66.9	80	ns	No	Byproduct of disinfection
Haloacetic Acids 5 (ppb)	8.5	0-13.6	60	ns	No	Byproduct of disinfection
Total Coliform (%)	1.7% (March)	ND-1.7%	5%	0	No	Naturally present in environment

## **Lead and Copper**

	90% Value	(Target) Action Level	(Ideal Goal) MCLG	# of homes that failed AL / # of homes tested
<b>Lead</b>	8.7 ppb	15 ppb	0	0 of 35
<b>Copper</b>	0.12 ppm	1.3 ppm	0	0 of 35

Definitions of terms and abbreviations (e.g., MCL and MCLG, etc.) are found on the attached MWRA Annual Water Quality Report. The MWRA Report also includes other "required" U.S. EPA information for consumers.

## **Distribution**

The Department of Public Works is continuing an aggressive policy of system maintenance and implementation of a major capital improvements program. These include the following programs, which are under design or being constructed.

- Continued intense City-wide valve maintenance and hydrant flushing program to remove sediments from the system and improve the operation of valves and hydrants.
- Proposed cleaning and relining of the following water mains: Main St. (from Fowle St. to Mishawum Rd.) and South St.

## **Source Management**

In 2003, the DEP conducted a Source Water Assessment to assess the susceptibility of the water supply within the City of Woburn. The DEP susceptibility rating was high. The City conducts an extensive monitoring program in and around its drinking water sources. The complete SWAP report is available online at [www.mass.gov/dep/water/drinking/swapreps.htm](http://www.mass.gov/dep/water/drinking/swapreps.htm).

## **Meetings**

Water committee meetings are held by City Council at City Hall. Public notice for these meetings can be found in the local newspapers, City Hall, and/or online at [www.cityofwoburn.com](http://www.cityofwoburn.com).

The City of Woburn is committed to providing clean and safe water to its residents and will continue to implement improvements that will allow us to meet this goal now and in the future.