



Town of Reading DEPARTMENT OF PUBLIC WORKS

Public Water Supply
3246000

Dear Reading Water Consumer:

The Town of Reading Department of Public Works (DPW) in partnership with the Massachusetts Water Resources Authority (MWRA) is pleased to provide you with your 2014 Drinking Water Report.

During 2014 a total of 582.78 million gallons of water was purchased from the MWRA and delivered to the distribution system in 2014. The highest single days' consumption was 2.42 million gallons on June 30, 2014. The highest seven (7) day consumption was from June 27, 2014 to July 3, 2014, an amount of 15.53 million gallons, and the highest usage month was June with an amount of 59.03 million gallons used. The Town of Reading's average daily usage for 2014 was 1.60 million gallons. The average daily per capita use (use by each individual) for 2014 was 46 gallons per person per day, which is 29.2% below the State maximum 65 gallons per person per day.

The DPW Water Conservation Program (WCP) continued with great success. In 2014, close to \$24,000 in rebates were distributed to residents who participated in the program. Over \$555,000 has been rebated to residents since the program's inception in July 2003. The program incorporates emphasis on rebates for low flow washing machines, toilets, irrigation system rain sensors, and rain barrels, along with free home and irrigation system water use audits and reports and home water saving devices for residents available through the Water Department and DPW office. The WCP school educational phase continued with Meg Tabacsko, Education Project Manager for the MWRA, making presentations to all 3rd grade classes in Town focusing on water supply and conservation. For further information and participation in the program, please call the DPW at 781-942-9077, ENE Audit Hotline at 1-888-772-4242, the rebate Hotline at 781-942-0050, or visit the Town of Reading website, Water Conservation page at <http://www.readingma.gov/water-division/pages/water-conservation>.

The DPW continues to maintain and upgrade the water system. Highlights include a total of 9 new water services were installed, 21 old water services were replaced, repaired 20 water service leaks, repaired 20 broken water mains, replaced 3 old fire hydrants, repaired 11 broken fire hydrants, rebuilt 36 fire hydrants, disconnected 5 water services for house demolition, replaced 2 water main gate valves, and replaced 50 old water services on Sturges Rd., Parkman Rd., Margaret Rd., Linden St., Mt. Vernon St., Longview Rd., Laneton Way, Palmer Hill, Shady Hill, and Scout Hill.

The Reading Water Department maintains an active Cross-Connection Program to protect against cross connections between the public water supply and sources of potential contamination. Any time a homeowner uses a hose to spray fertilizer or other chemicals they have created a cross connection that could potentially contaminate the water in their own home and more. The Water Department encourages all water customers to install hose bib vacuum breakers (available at any hardware store) on all hose connections. Please contact Erik Mysliwy, The Town of Reading's Water Quality & Supply Coordinator at 781-942-9199 for more information on preventing backflow.

Drinking water issues are also addressed through the Board of Selectmen, which generally meet on the first, third and fourth Tuesday of each month in the Town Hall at 7:00 P.M. Questions about Drinking Water Quality can also be answered by contacting the EPA's Safe Drinking Water Hotline at 800-426-4791 or on the web at www.epa.gov/ow.

Jeffrey T. Zager
Director of Public Works

READING'S WATER QUALITY RESULTS: Listed below are the 5 substances detected by Reading's Water Department in the drinking water during 2014. For a complete list of the substances detected by the MWRA in the drinking water please view the accompanying MWRA 2014 Drinking Water Report.

Compound	Units	Highest Level Found	Range of Detections	MCL	MCLG (Ideal Goals)	Violation yes/no	How it gets in the water	Sample Date
Regulated Compounds								
Mono-chloramine	ppm	3.50	0.01-3.50 ¹	4-MRDL	4-MRDLG	no	Water disinfectant	2014
Lead	ppb	4.31 ³	0.08-12.08	(AL) 15 ²	0 MCLG	no	Corrosion of household plumbing	2014
Copper	ppb	96.3 ³	7.3-120	(AL) 1300 ²	1300 MCLG	no	Corrosion of household plumbing	2014
Nitrate	mg/l	0.35	0-07-0.35	10	10 MCLG	no	Atmospheric deposition	2014
Nitrite	mg/l	0.28	0.02-0.28	1	1 MCLG	no	Water disinfection	2014
Total Coliform	%	2.3% (Nov)	0-2.3	5%	0 MCLG	no	Naturally present	2014

Footnotes: 1-This range and results are based on the individual samples analyzed weekly in 2014, from set diverse water system distribution points within the Town of Reading; over 500 samples were collected and tested in 2014. 2-Lead and copper Action Level based on 90th percentile result. 3-90th percentile results.

Abbreviations: ppm=parts per million; ppb=parts per billion; MCL=Maximum Contaminant Level; MCLG=Maximum Contaminant Level Goal; MRDL=Maximum Residual Disinfectant Level; MRDLG=Maximum Residual Disinfectant Level Goal; (AL)=Action Level

For any additional information please contact: Erik Mysliwy, Town of Reading's Water Quality & Supply Coordinator, Department of Public Works, 75 New Crossing Road, Reading, Massachusetts 01867, Tel. (781) 942-9199, email: emysliwy@ci.reading.ma.us