

## Lead and Copper Notice

### Overview

Much has been in the news recently about lead and copper in drinking water. The Town of Hatfield Water Department regularly tests for lead and copper at sampling sites throughout the water system as required by the Massachusetts Department of Environmental Protection (MassDEP). These sampling results are routinely below the Action Levels of 0.015 mg/L for Lead and 1.3 mg/L for Copper.

The water system is an old water system with many water mains installed between the years 1897 to 1954. Any lead services to residential houses identified during maintenance work are replaced with “Lead free” pipe and fittings as defined under Section 1417 of the Safe Drinking Water Act.

Lead and copper are not present in the source water. Lead and copper get into the water by prolonged contact with lead and copper pipe materials. The water is not corrosive and is very stable, helping to mitigate the potential for pipe corrosion and lead and copper issues.

### Lead and Copper Test Results

The Water Department samples 10 residential houses and two schools for lead and copper every 3 years. The June 30, 2015, 90th percentile results are 0.0019 mg/L for lead and 0.38 mg/L for copper, which are well below the Action Levels.

Sample results from Smith Academy and Hatfield Elementary School taken on June 30, 2015 are shown in the following table:

<b>Sample Location</b>	<b>Lead Sample Result</b>	<b>Lead Action Level</b>	<b>Copper Sample Result</b>	<b>Copper Action Level</b>
Smith Academy kitchen sink	0.024 mg/L*	0.015 mg/L	0.30 mg/L	1.3 mg/L
Smith Academy water bubbler	0.0011 mg/L	0.015 mg/L	0.96 mg/L	1.3 mg/L
Hatfield Elementary School kitchen sink	0.0010 mg/L	0.015 mg/L	0.21 mg/L	1.3 mg/L
Hatfield Elementary School water bubbler	0.0010 mg/L	0.015 mg/L	0.33 mg/L	1.3 mg/L

\*Sample taken from the Smith Academy kitchen sink on June 30, 2015 was above the Lead Action Level. Note that samples from the kitchen sink at Smith Academy have been taken in the past 2006, 2009, and 2012 and these samples were consistently below the Lead Action Level.

### Response Actions

At the request of the MassDEP, the Water Department resampled the Smith Academy kitchen sink for lead and the test result was 0.0054 mg/L. This result is well below the Lead Action Level of 0.015 mg/L.

It is suspected that water collected on June 30, 2015 was sitting stagnant for days before sampling, which is not representative of its typical use.

In order to be proactive, the Smith Academy staff has adopted a new protocol to minimize the lead and copper levels. Each day before the start of school, every water bubbler and sink is flushed to allow fresh water to enter the plumbing.

The Town of Hatfield Water Department will continue to monitor lead and copper in compliance with the requirements of the MassDEP and will notify our customers of any compliance issues.

Should you have concerns or require additional information, please contact Anthony Lastowski, Certified Water Operator, at (413) 247-5222.