



Department of Public Works
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CLAREMONT WATER DEPT. REPORT LEAD AND COPPER TREATMENT PROGRAM

“OPERATION GET THE LEAD OUT”

- Every test we have done on our water in 2016 has been well below EPA limits for lead and copper
- Recently we have tested every water fountain in the 6 schools served by our water system and all easily passed 44/52 didn't even have a trace of lead. The others were well below EPA limits
- Claremont water mains contain no lead components
- Claremont is changing all the service lines from the main to the curb stop and removing any lead or old iron pipes from under the roads as part of the maintenance and paving projects. City policy says that this is the home owner's responsibility. We have change 137 services this year. We know of only 114 more in the city to change
- We are very actively “**getting the lead out**” at no cost to home owners for the work.
- We are **NOT** changing the pipe from the curb stop into the house or anything inside the house.
- In 2011, EPA guidelines changed the water meter guidelines. Water meters had 8% lead in the brass meters. Now we can't have any lead.
- We have to change 3600 meters because of the lead issue.
- We have started our new drive by reader program with the new lead free meters. Just materials for this project are over \$600,000. We have changed 119 as of 4-23-16
- Because sewer is billed from the water use the cost is split evenly between the 2 departments
- Most of the Flint Michigan issues are in the older lines with lead and the corrosiveness of the water in the Flint River. Not lead from the river.
- The Water Plant used lime & orthophosphate in 2009 for corrosion control. In 2014 the plant switched from lime to sodium bicarbonate to help with ph balance.



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- EPA has now allowed us to test every 3 years instead of annually, for lead and copper because of our record of past tests.
- The Claremont Water Plant utilizes polyorthophosphate to stabilize water quality and minimize color, scale, deposits, corrosion, and chlorine demand in the drinking water system. The polyorthophosphate provides a microscopic film formation on metal surfaces reducing lead and copper from leaching from lead service lines, copper plumbing with lead solder, and household fixtures.

Here are some helpful sites for information and testing

- <http://www.endynelabs.com/> Lead testing lab in Lebanon
- Home depot does have self testing kits
- **Welcome - Drinking Water and Groundwater Bureau - NH ...**

des.nh.gov › Divisions › **Water** Division › Programs/Bureaus/Units

Claremont Water Department Strives for the best quality water and cleanest distribution system to service our customers. We are highly regulated by NHDES and EPA. We are continually improving and maintaining our most precious resource, excellent water quality.

Victor R StPierre
Assistant Public Works Director