



Public Water Supply
3164001

Lynnfield Water District

The Lynnfield Water District is pleased to provide this annual newsletter to keep you informed about your water system. We would like to provide a recap of the major points for any new customers or residents who may not have seen last year's newsletter.

Our Distribution System

The LWD purchases all of its water directly from the MWRA. The water is delivered through one master meter into the distribution system. The distribution system consists of a network of pipes, valves, hydrants and service lines. The system delivers water to homes, businesses and other facilities for drinking and other uses. The system is also used for fire protection.

LWD's distribution system is comprised of approximately 35 miles of water mains ranging from two-inch to twelve-inch diameter. There are almost three hundred hydrants that are owned and maintained by the District. There are approximately four hundred and fifty gate valves that allow portions of the system to be shut down for maintenance and repairs. Twenty percent of the system is unlined cast iron pipe. Unlined pipe allows tuberculation (rust) to grow on the inside surfaces of the pipe. While not a health problem, this can affect the ability of the pipe to carry flows and can create discolored water.

During 2014, the Summer Street Water Main project was completed. The project consisted of the replacement of 3,300 feet of undersized, unlined 6-inch cast iron water main with new 8- and 12-inch ductile iron water main. The project significantly strengthens the LWD's transmission system, and ensures an adequate supply of quality water to our customers.

Lead and Copper Results

LWD tests for lead and copper in 10 homes once a year. In 2014, LWD met the EPA rule that 90% of the sampled homes must be below the Lead Action Level of 15 parts per billion (ppb). In the September sampling round, the 90th percentile value was 1.58 ppb. For more information about the potential presence of lead in tap water and steps that may be taken to reduce exposure, please see page 5.

The LWD has also met the EPA rule that 90% of the sampled homes must be below the Copper Action Level of 1300 ppb. In the September sampling round, the 90th percentile value was 104 ppb.

If you have any questions or comments on your water or would like information on District meetings, please call us at 781-498-4223 or visit www.lwdma.us.

Sincerely,

James F. Finegan
Water Superintendent