



VILLAGE OF
BURR RIDGE
A VERY SPECIAL PLACE

February 12, 2016

To assure users of the Village's public water supply, the Village is not aware of any homes or businesses in Burr Ridge with lead water service lines. Routine water sampling, construction inspections, and Village-wide water meter replacements give Village staff the opportunity to check for lead piping.

The problems of Flint, Michigan arose from the significant number of its customers with lead water service lines. The corrosive chemistry of Flint's new water supply attacked these lead service pipes. Corrosion resulted in the lead dissolving into the drinking water. Regulated chemicals such as orthophosphate are routinely added during water treatment to elevate the water's pH, inhibit lead corrosion, and stick to the lead pipe walls for a protective film between the water and lead pipe material. In Flint, Michigan, the Environmental Protection Agency (EPA) found either none or an insufficient amount of these chemicals were added.

Since the Village receives high-quality water from Lake Michigan, and since the water is treated at the Jardine Water Purification Plant with pH and corrosion inhibiting chemicals, our region's water supply naturally ensures a protective film is in place to minimize the probability of lead in the drinking water. Public Works monitors the water we receive from Lake Michigan at our pump center before it enters the Village's water mains, to ensure that chemical levels are sufficient. Again, the Village is not aware of any lead service lines connected to our water mains, but we monitor these as a best practice for our community.

Additionally, the Village conducts a special sampling from faucets in 30 Burr Ridge homes every three years for lead levels. Because of the serious health effects of ingesting lead, the EPA standard is zero parts per billion (ppb) for lead. The Village's last special sampling was September 2014, and no samples reported concentrations of lead. The Village would be required under the Safe Drinking Water Act to communicate any exceedance at any time of the "Lead Action Level" defined as 15 parts per billion (ppb). Annually, the Village reports its safe drinking status through our Consumer Confidence Report. The past six years of annual reports are available from our website at: <http://www.burr-ridge.gov/public-works/water-sewer/testingquality/>