



LITTLE SILVER PUBLIC SCHOOLS

Mr. Eric Platt
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January 12, 2022

Dear Little Silver School Community:

We are committed to protecting our students' and staff health in all areas. To protect our community and be in compliance with the Department of Education regulations related to testing for lead in our drinking water, the Little Silver School District tested our drinking water outlets on December 30, 2021.

In accordance with the Department of Education regulations, we implemented immediate remedial measures for any drinking water outlet with a lead result greater than the action level of 15 $\mu\text{g/l}$ (parts per billion [ppb]). This includes turning the outlets off unless it is determined the location must remain on for non-drinking purposes.

Results of Our Testing:

A total of 35 drinking water samples were analyzed from all drinking water outlets to which students or staff members have or may have access to.

Of the 35 samples analyzed, all but one (1) tested below the lead action level established by the US Environmental Protection Agency for lead in drinking water (15 $\mu\text{g/l}$ [ppb]). In compliance with the N.J.A.C. 6A:26-1.2;12.4 twenty-four-hour notification requirement to the Department of Education, the table below identifies the water outlet that tested above 15 ppb for lead, the actual lead level, and what temporary remedial action the Little Silver Schools District has taken to remediate the levels of lead at that location.

Facility	Sampling ID	Initial Result in $\mu\text{g/l}$ [ppb]	Immediate Remedial Action
Markham Place School	P21-13698-14	31.4	This outlet is a water fountain, located near a water bottle filling station. The fountain has been shut off since March of 2020. It will remain off and is taken out of service.

Health Effects of Lead:

High levels of lead in drinking water can cause health problems. Lead is most dangerous for pregnant women, infants, and children under 6 years of age. It can cause damage to the brain and kidneys, and can interfere with the production of red blood cells that carry oxygen to all parts of the body. Exposure to *high levels* of lead during pregnancy contributes to low birth weight and developmental delays in infants. In young children, lead exposures can lower IQ levels, affect



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hearing, reduced attention span, and hurt school performance. At *very high levels*, exposure to lead can even cause brain damage. Adults with kidney problems and high blood pressure can be affected by low levels of lead more than healthy adults.

How Lead Enters Our Water:

Lead is unusual among drinking water contaminants in that it seldom occurs naturally in water supplies like, groundwater, rivers, and lakes. Lead enters drinking water primarily as a result of the corrosion, or wearing away, of materials containing lead in water distribution systems and in building plumbing. These materials include lead-based solder used to join copper pipe, brass, and chrome-plated brass faucets. In 1986, Congress banned the use of lead solder containing greater than 0.2% lead, and restricted the lead content of faucets, pipes, and other plumbing materials. However, even the lead in plumbing materials meeting these requirements is subject to corrosion. When water stands in lead pipes or plumbing systems containing lead for several hours or more, the lead may dissolve into the drinking water. This means the first water drawn from the tap in the morning may contain fairly high levels of lead.

Lead in Drinking Water:

Lead in drinking water, although rarely the sole cause of lead poisoning, can significantly increase a person's total lead exposure, particularly the exposure of children under the age of 6. EPA estimates that drinking water can make up to 20% or more of a person's total exposure to lead.

For More Information:

A copy of the test results are available in our Central Office for inspection by the public, including students, teachers, and other school personnel, and parents, and can be viewed between the hours of 8:30 AM and 4:00 PM and are also available on our website (to view [click here](#)). For more information about water quality in our schools, contact Rick Carlson, Supervisor of Buildings and Grounds at 732-741-7112.

For more information on reducing lead exposure around your home and the health effects of lead, visit the EPA's website at www.epa.gov/lead, call the National Lead Information Center at 800-424-Lead, or contact your health care provider.

If you are concerned about lead exposure you may want to ask your health care provider about testing children to determine levels of lead in their blood.

Regards,

Eric Platt
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