



Clinton Township School District

128 Cokesbury Rd.
Lebanon, NJ 08833
(908) 236-7235

July 23, 2017

Clinton Township School District
Spruce Run School
27 Belvidere Avenue
Clinton, NJ 08809

Dear Spruce Run School Community,

Our school system is committed to protecting student, teacher, and staff health. To protect our community and be in compliance with the Department of Education regulations, the Clinton Township School District tested our schools' drinking water for lead.

In accordance with the Department of Education regulations, Spruce Run School has implemented immediate remedial measures for any drinking water outlet with a result greater than the action level of 15 $\mu\text{g/l}$ (parts per billion [ppb]). This includes turning off the outlets until re-testing or remediation shows lead concentrations are below the action level. As a precaution, all sinks across the district will have signage posted which reads, "Safe for Handwashing Only – Do Not Drink".

Results of our Testing

Following instructions given in technical guidance developed by the New Jersey Department of Environmental Protection, we identified and tested all drinking water and food preparation outlets. Of the 58 samples taken, all but 27 tested below the lead action level established by the US Environmental Protection Agency for lead in drinking water (15 $\mu\text{g/l}$ [ppb]).

The table below identifies the drinking water outlets that tested above the 15 $\mu\text{g/l}$ for lead, the actual lead level, and steps Clinton Township School District staff has taken to reduce the levels of lead at these locations.

Sample Location	First Draw Result in $\mu\text{g/l}$ (ppb)	Remedial Action
Heath Office – Bathroom Faucet ID# SRE-01-NURSE-BF-P	18.3	Disconnected outlet. Replacing faucet.
Main Office Work Room – Faucet ID# SRE-01-MO WORK RM-TF-P	64.4	Disconnected outlet. Replacing faucet.
Room 110 – Sink Faucet ID# SRE-01-110-S-P	36.7	Disconnected outlet. Replacing faucet.
Room 109 – Sink Faucet ID# SRE-01-109-S-P	22.2	Disconnected outlet. Replacing faucet.
Room 111 – Sink Faucet ID# SRE-01-111-S-P	136	Disconnected outlet. Replacing faucet.

Room 111 – Bubblers ID# SRE-01-111-B-P	48.3	Disconnected outlet. Replacing bubbler.
Room 108 – Sink Faucet ID# SRE-01-108-S-P	38.6	Disconnected outlet. Replacing faucet.
Room 108 – Bubblers ID# SRE-01-108-B-P	24.1	Disconnected outlet. Replacing bubbler.
Room 112 – Sink Faucet ID# SRE-01-112-S-P	25.8	Disconnected outlet. Replacing faucet.
Room 107 – Sink Faucet ID# SRE-01-107-S-P	26.8	Disconnected outlet. Replacing faucet.
Room 104 – Sink Faucet ID# SRE-01-104-S-P	68.3	Disconnected outlet. Replacing faucet.
Room 103 – Sink Faucet ID# SRE-01-103-S-P	169	Disconnected outlet. Replacing faucet.
Room 105 – Sink Faucet ID# SRE-01-105-S-P	22.5	Disconnected outlet. Replacing faucet.
Room 106 – Sink Faucet ID# SRE-01-106-S-P	19	Disconnected outlet. Replacing faucet.
Room 113 – Sink Faucet ID# SRE-01-113-S-P	35.8	Disconnected outlet. Replacing faucet.
Room 115 – Bubblers ID# SRE-01-115-B-P	38.2	Disconnected outlet. Replacing bubbler.
Room 22 – Sink Faucet ID# SRE-01-22-CF-P	25.9	Disconnected outlet. Replacing faucet.
Room 24 – Sink Faucet ID# SRE-01-24-S-P	603	Disconnected outlet. Replacing faucet.
Room 24 - Bubblers ID# SRE-01-24-B-P	169	Disconnected outlet. Replacing bubbler.
Room 26 – Sink Faucet ID# SRE-01-26-S-P	971	Disconnected outlet. Replacing faucet.
Room 21 – Sink Faucet ID# SRE-01-21-CF-P	26.1	Disconnected outlet. Replacing faucet.
Room 23 – Sink Faucet ID# SRE-01-23-S-P	100	Disconnected outlet. Replacing faucet.
Room 23 – Bubblers ID# SRE-01-23-B-P	29.7	Disconnected outlet. Replacing bubbler.
Room 25 – Sink Faucet ID# SRE-01-25-S-P	67.5	Disconnected outlet. Replacing faucet.
Room 25 – Bubblers ID# SRE-01-25-B-P	35.3	Disconnected outlet. Replacing bubbler.
Room 28 – Sink Faucet ID# SRE-01-28-CF-P	16	Disconnected outlet. Replacing faucet.
Kitchen – Food Prep Faucet ID# SRE-01-KIT-FP-P	24.6	Disconnected outlet. Replacing faucet.

Bubbler = Classroom drinking fountain.

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 your body. Exposure to high levels of lead during pregnancy contributes to low birth weight and developmental delays in infants. In young children, lead exposure can lower IQ levels, affect hearing, reduce attention span, and hurt school performance. At very high levels, 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 the water distribution system 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 new 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 20% or more of a person's total exposure to lead.

For More Information

A copy of the test results is available in our central office for inspection by the public, including students, teachers, other school personnel, and parents, and can be viewed between the hours of 8:30 a.m. and 3:30 p.m., Monday through Thursday, and are also available on our website at www.ctsdnj.org. For more information about water quality in our schools, contact the School Business Administrator in the Clinton Township School District Business Office, (908) 236-7235.

For more information on reducing lead exposure around your home and the health effects of lead, visit EPA's Web site 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 at this facility or in your home, you may want to ask your health care providers about testing children to determine levels of lead in their blood.

Sincerely,

Gina M. Villani

Gina M. Villani, Ed.D.
Superintendent of Schools