Environmental Logic, LLC
15 Princess Road, Suite K
Lawrenceville, NJ 08648
(609) 910-0720
www.env-logic.com

December 11, 2024

Mr. Louis Alfano
Business Administrator/Board Secretary
Cliffside Park Board of Education
525 Palisades Avenue
Cliffside Park, New Jersey 07010

For distribution

RE: **Lead in Drinking Water Sampling**
Cliffside Park School #6
440 Oakdene Avenue
Cliffside Park, New Jersey
EL Project #21-0042

Dear Staff, Parents and Students:

Cliffside Park Public Schools are committed to protecting student, teacher, and staff health. To protect the Cliffside Park community and be in compliance with the Department of Education regulations, Cliffside Park Board of Education retained Environmental Logic, LLC (EL) to test the school's drinking water for lead.

Results of our Testing

Following instructions given in technical guidance developed by the New Jersey Department of Environmental Protection, a plumbing profile for each of the buildings within the Cliffside Park Public School system was prepared. Through this effort, we identified and tested all drinking water and food preparation outlets.

The US Environmental Protection Agency has established a lead in drinking water action level of 15 µg/l [ppb]. On July 23, 2024, EL collected drinking water samples throughout the above referenced school.

No lead concentrations exceeding 15 µg/l [ppb] were identified in drinking water outlets or food preparation sinks.

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 at the central office for inspection by the public, including students, teachers, other school personnel, and parents and can be viewed between the hours of 8:00 a.m. and 3:00 p.m. in the board of education office located at 525 Palisade Avenue-3rd Floor, Municipal Complex. The results are also available on the Cliffside Park Board of Education website https://cliffsidepark.edu/leadresults. For more information about water quality in the Cliffside Park public schools, contact Mr. Ciro Spinella, Cliffside Park School District Facilities Manager at (201) 313-2425.

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 Safe Drinking Water Act hotline at 1-800-426-4791, 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,

DIGITAL SIGNATURE REPRESENTATION

Gary Weissberger, LSRP
Associate

Enclosures

Table 1

Cliffside Park School #6

Lead in Drinking Water Sampling Results

Location		Short sink inside Room 103B	Tall sink inside Room 103B	Bubbler fountain inside Room 103B	Short sink inside Room 104	Tall sink inside Room 104	Bubbler fountain inside Room 104	Chiller fountain by Nurse's Office	Sink in Kitchen	Sink in Kitchen	Sink in Kitchen
Sample ID:	NJ Drinking Water Quality Standards	7A-6S-RM103B-SK	7B-6S-RM103B-SK	7C-6S-RM103B-BU	6A-6S-RM104-SK	6B-6S-RM104-SK	6C-6S-RM104-BU	09-6S-BYNURSE-CF	10-6S-KITCHEN-SK	21-6S-KITCHEN-SK	22-6S-KITCHEN-SK
Lab ID:	(NJAC 7:10 9/18)	24G1876-01	24G1876-02	24G1876-03	24G1876-04	24G1876-05	24G1876-06	24G1876-07	24G1876-08	24G1876-09	24G1876-10
Date Sampled:	(µg/L)	7/23/2024	7/23/2024	7/23/2024	7/23/2024	7/23/2024	7/23/2024	7/23/2024	7/23/2024	7/23/2024	7/23/2024
Analyte											
Lead	15	1.5	1.3	<1.0	<1.0	6.4	3.6	<1.0	1.7	<1.0	<1.0

Location		Sink in Kitchen	Ice Machine inside Kitchen	Bottle fill station near Faculty Room (Floor 1)	Chiller fountain near Faculty Room (Floor 1)	Sink inside Faculty Room (between Rooms 115 and 116)	Sink inside Room 216	Bottle fill station near Room 211	Chiller fountain near Room 211	Sink in Faculty Room (Floor 2 - Room 228)	Sink inside Media Center Office
Sample ID:	NJ Drinking Water Quality Standards	23-6S-KITCHEN-SK	24-6S-KITCHEN-IM	03A-6S-BYFAC-BF	03B-6S-BYFAC-CF	04-6S-FAC-SK	15-6S-RM216-SK	12-6S-BY211-BF	13-6S-BY211-CF	14-6S-2FFAC-SK	19-6S-MCOFF-SK
Lab ID:	(NJAC 7:10 9/18)	24G1876-11	24G1876-12	24G1876-13	24G1876-14	24G1876-15	24G1876-16	24G1876-17	24G1876-18	24G1876-19	24G1876-20
Date Sampled:	(µg/L)	7/23/2024	7/23/2024	7/23/2024	7/23/2024	7/23/2024	7/23/2024	7/23/2024	7/23/2024	7/23/2024	7/23/2024
Analyte											
Lead	15	5.3	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

RL - Reporting Limit
µg/L - Microgram Per Liter
<1.0 - Indicates no detection above the RL