RIDGEWOOD
PUBLIC SCHOOLS

Daniel Fishbein, Ed.D.
Superintendent of Schools

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April 18, 2017

Dear Ridge School Community,

Our school system, committed to protecting student, teacher, and staff health, is testing all of our schools' drinking water for the presence of lead, as required to be in compliance with New Jersey Department of Education regulations. The results are now coming in, and we are releasing the information as we receive it for each school.

Following technical instructions developed by the New Jersey Department of Environmental Protection, we completed a plumbing profile for each of the buildings within the Ridgewood Public Schools. Through this effort, we identified and are testing all drinking water and food preparation outlets.

In accordance with the Department of Education regulations, immediate remedial measures will be implemented for any drinking water outlet with a result greater than the action level of 15 µg/l (parts per billion [ppb]). This measure includes turning off the outlet.

Testing Results for Ridge School

Of the 15 samples taken at Ridge School, all tested below the lead action level established by the US Environmental Protection Agency for lead in drinking water (15 µg/l [ppb]).

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 six 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 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 six. EPA estimates that drinking water can make up 20% or more of a person's total exposure to lead.

For More Information

Attached to this letter are the laboratory results for your school. A copy of the test results is also available in the Business Office, 49 Cottage Place, for inspection by the public -- including students, teachers, other school personnel, and parents and guardians -- between the hours of 8:30 a.m. and 4 p.m. In addition, the results may be found on the district website at www.ridgewood.k12.nj.us.

For more information on reducing lead exposure around your home and the health effects of lead, please visit the 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, you may want to ask your healthcare providers about testing children to determine levels of lead in their blood.

Lastly, please note that **ALL NON-FILTERED WATER FOUNTAINS WILL BE REPLACED OVER THE SUMMER OF 2017.**

Please feel free to contact me with any further questions or concerns-at 201-670-2700, ext. 10530.

Sincerely,

Daniel Fishbein, Ed.D.
Superintendent of Schools

C: Ridgewood Board of Education

EHS Laboratories

Environmental Hazards Services, L.L.C.
7469 Whitepine Rd
Richmond, VA 23237
Telephone: 800.347.4010

Lead in Drinking Water Analysis Report

Report Number: 17-04-00411

Received Date: 04/05/2017
Reported Date: 04/07/2017
Sampled By: Cheyenne Fryer
Tech Certification #:

Client: LEW Corp
1090 Bristol Rd
Mountainside, NJ 07092

Project/Test Address: 170071; 325 W Ridgewood Ave; Ridgewood, NJ

Client Number:
201327

Laboratory Results

Fax Number:
Ext 18

Lab Sample Number	Client Sample ID	Collection Date	Collection Location	Concentration ug/L (ppb)	Analysis Date	Narrative ID
17-04-00411-001	14-1	04/01/2017	FACULTY RM 26 S	1.73	04/07/2017	
17-04-00411-002	14-2	04/01/2017	CORRIDOR 1 WF	<1.00	04/07/2017	
17-04-00411-003	14-3	04/01/2017	CORRIDOR 1 BS	6.16	04/07/2017	
17-04-00411-004	14-4	04/01/2017	CORRIDOR 3 WF	<1.00	04/07/2017	
17-04-00411-005	14-5	04/01/2017	CORRIDOR 3 BS	8.68	04/07/2017	
17-04-00411-006	14-6	04/01/2017	CORRIDOR 3 WF	1.15	04/07/2017	
17-04-00411-007	14-7	04/01/2017	CORRIDOR 3 WF	<1.00	04/07/2017	
17-04-00411-008	14-8	04/01/2017	CORRIDOR 3 WF	<1.00	04/07/2017	
17-04-00411-009	14-9	04/01/2017	CORRIDOR 3 BS	<1.00	04/07/2017	
17-04-00411-010	14-10	04/01/2017	KITCHEN S	3.38	04/07/2017	
17-04-00411-011	14-11	04/01/2017	ROOM 59 BB	12.4	04/07/2017	
17-04-00411-012	14-12	04/01/2017	ROOM 60 BB	7.25	04/07/2017	
17-04-00411-013	14-13	04/01/2017	NURSES OFFICE S	2.51	04/07/2017	

Environmental Hazards Services, L.L.C

Client Number: 201327 **Report Number:** 17-04-00411

Project/Test Address: 170071; 325 W Ridgewood Ave; Ridgewood, NJ

Lab Sample Number	Client Sample ID	Collection Date	Collection Location	Concentration ug/L (ppb)	Analysis Date	Narrative ID
17-04-00411-014	14-14	04/01/2017	WORK RM S	1.98	04/07/2017	
17-04-00411-015	14-15	04/01/2017	SUN RM	<1.00	04/07/2017	

Method: SM 3113B-2010

Accreditation #: NJ VA008

Reviewed By Authorized Signatory: Melissa Kanode

Missy Kanode

QA/QC Clerk

Sample Results denoted with a "less than" (<) sign contain less than the reporting limit which is 1 ppb.

The EPA Maximum Contaminant Level for Lead in Drinking Water is 15 ppb. The results herein conform to NELAC standards, where applicable, unless otherwise narrated on this report. Results represent the analysis of samples submitted by the client. Sample location, description, field parameter results, etc., were provided by the client. This report cannot be reproduced, except in full, without written approval from Environmental Hazards Services, L.L.C.

LEGEND ug/L= micrograms per liter ppb = parts per billion