



Environmental
& Remediation &
Management, Inc.

20-10 Maple Ave, Bldg. 35E
Fair Lawn, NJ 07410
Tele: (973) 949-3525
Fax: (973) 949-3526
Email: ermnj@aol.com

CLIENT: Cranford Board of Education Pr. No.: 1022-412
PROJECT: Livingston Avenue School Lead (Pb) in water sampling
FIELD TECHNICIANS: Polina Shchutckaia
REPORT DATE: June 21, 2017 REVISED DATE: June 21, 2017

Environmental Remediation & Management, Inc. was contacted by Cranford Board of Education to conduct a Lead (Pb) in water sampling at Livingston Avenue School.

Polina Shchutckaia, an environmental field technician with ER&M, arrived at the project site at approximately 5:55 am on June 9, 2017 and proceeded to collect water samples from all drinking fountains and cooking sinks. Water sources to have any chance of being used for drinking, cooking etc... All collected samples are First Draw Samples – first 250 ml of cold water collected from the drinking water outlet. The water in the school facility must remain motionless in the plumbing for a minimum 8 hours but no more than 48 hours.

Samples were analyzed at International Asbestos Testing Laboratories (IATL), New Jersey (NJDEP No.: 03863). Analytical method was Lead in Water by AAS Graphite Furnace (ASTM D3559-08D, USEPA 40 CFR 141.11B, 2010).

Five samples within the Livingston Avenue School came back at or above the recommended 'action level' as established by The United States Environmental Protection Agency (USEPA) of 15 parts per billion (ppb).

LIVINGSTON AVENUE SCHOOL LEAD (PB) IN WATER RESULTS OF CONCERN

Sample No.	Location	Results
CLAF1	Room 3	33.5 ppb
CLAF3	Room 1	21.0 ppb
CLAF6	Room 11	22.2 ppb
CLAF8	Room 15	18.5 ppb
CLAF9	Room 18	15.4 ppb

*Highlighted results are at or exceed the USEPA allowable limit of 15 Parts Per Billion (ppb).

At this moment we recommend that some or all of the following steps be taken:

- Closure of certain water taps until the system can be further evaluated and proper remedial action is achieved.
- Removal and replacement with non-lead containing fixtures.
- Installation of filtration systems (including post installation performance monitoring)
- Contact the water utility to obtain information about their corrosion control procedures and how it might affect the Districts control plans.
- Development of a Flushing Program for those taps high in lead and turbidity. This may include automatic flushing systems.

If you have any questions, or if we could be of any further assistance, please feel free to contact our office. EnviroVision / ER&M looks forward to providing your home with the service and attention to detail you have come to expect from us.

Sincerely,



Guillermo M. Morales
EnviroVision Consultants, Inc.
Environmental Remediation & Management, Inc.