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CLIENT: Tenafly Public Schools Project Number 21-217
PROJECT: Lead in Drinking Water Tenafly Middle School
ADDRESS: 10 Sunset Lane, Tenafly, NJ 07670 Report Date: May 5, 2022
Field Technician: Leonardo Bitondo

As per your request, EnviroVision Consultants, Inc. was contracted by Tenafly School District to conduct Lead (Pb) in water sampling at the Tenafly Middle School on April 15, 2022. The sample locations, in addition to unique sample location codes were determined/assigned by school district personnel. The school district performed the proper flushing of outlets prior to sampling and EnviroVision was instructed to collect only first draw samples for this sampling event. The school district's corresponding flushing logs should be attached to this report.

The facility was closed at the time of sampling in order to prevent occupants from utilizing any water outlets. After flushing, the water in the facility must remain motionless in the plumbing fixtures for a minimum of 8 hours, but no more than 48 hours. Cold water samples were collected in pre-cleaned high-density polyethylene (HDPE) 250mL wide mouth bottles.

Samples were analyzed at EMSL Analytical, Inc. in Cinnaminson, New Jersey *(NJDEP#03036), accredited in accordance with NELAC (National Environmental Laboratory Accreditation Conference). The analytical method utilized was inductively coupled plasma mass spectrometry ICP-MS (EPA 200.8).

Twenty-eight samples were collected from the Tenafly Middle School. An additional sample was collected, as required, for Quality Assurance purposes.

Results: Eighteen of the samples collected were either "None Detected" or less than the EPA established threshold for lead in drinking water. However, ten of the samples were above the allowable limit established by The United States Environmental Protection Agency (USEPA) of 15 parts per billion (ppb) or ug/L. Recently we have been notified that these ten outlets are not used for consumption/drinking water or food preparation. Please be aware that signage indicating "Do Not Drink, Safe for Handwashing Only" is required for these outlets as per NJAC 6A:26-12.4 and recent updates.

When a water outlet/faucet meets or exceeds the USEPA threshold, EnviroVision recommends that the outlet/faucet be put out of service until the system can be further evaluated and proper remedial action is achieved.



TENAFLY MIDDLE SCHOOL - LEAD (Pb) in Water Results of Concern

Outlet ID/Sample Number	Location	Results
MSS39	Kitchen Sink	62.0 ppb
MSS40	Kitchen Sink	194 ppb
MSS41	Kitchen Sink	260 ppb
MSS43	Kitchen Sink	1400 ppb
MSS45	Kitchen Sink	102 ppb
MSS48	Kitchen Sink	17.3 ppb
MSS49	Kitchen Sink	59.0 ppb
MSS141	Library Sink	504 ppb
MSS146	225 A storage	91.1 ppb
MSS159	227/229 prep	40.9 ppb

Note* 1ppb = 1ug/L

Due to the elevated levels in the above-mentioned outlets, we recommend that some or all of the following steps be taken at this time.

- Closure of the affected water outlet(s) 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.
- Development of a Flushing Program for those taps high in lead and turbidity (this may include automatic flushing systems).
- Contact the local water utility company to obtain information about their corrosion control procedures and how it might affect the District's control plans.
- Permanent closure of outlet(s).

Once the remedial action(s) are complete, follow up testing is required to ensure alterations/replacement to plumbing fixtures has lowered the amount of lead to acceptable levels.



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

Sincerely,
EnviroVision Consultants, Inc.

Cathy DiNardo

Cathy DiNardo, Project Manager

Attached: Lab results, associated data sheets