



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: Bloomington Avenue School Follow up Lead (Pb) in water sampling

FIELD TECHNICIANS: Polina Shchutckaia

REPORT DATE: August 18, 2017 REVISED DATE: August 18, 2017

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


Polina Shchutckaia, an environmental field technician with ER&M, arrived at the project site on August 10, 2017 prior to School's employees and occupants arrival and proceeded to collect water samples from designated drinking fountains. Sampling was performed using the guidelines of New Jersey State Department of Education Amendments and New Rules to N. J. A. C. 6A:26, Educational Facilities Lead (Pb) in Drinking Water Immediate Testing issued on July 13, 2016.

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).

None of the samples within the Bloomington 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). At this time no additional preventive steps need to be taken for those sampled outlets.

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.

CERTIFICATE OF ANALYSIS

Client: Environmental Remediation & Management, Inc.
20-10 Maple Ave., Bldg. 35E
Fair Lawn NJ 07410

Report Date: 8/15/2017
Report No.: 543680 - Lead Water
Project: 1022-412 Cranford BOE Bloomingdale School
Project No.:

Client: ERM398

LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.:6312231
Client No.:CBA-FB

Location:Field Blank

Result(ppb):<2.00

Lab No.:6312232
Client No.:CBAF4

Location:Kindergarten


Result(ppb):<2.00

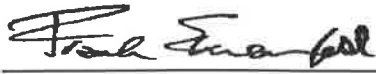
Lab No.:6312233
Client No.:CBAF4-Flush

Location:Kindergarten

Result(ppb):<2.00

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 8/10/2017
Date Analyzed: 08/15/2017
Signature: 
Analyst: Mark Stewart

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

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20-10 Maple Ave., Bldg. 35E
Fair Lawn NJ 07410

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Project No.:

Client: ERM398

Appendix to Analytical Report:

Customer Contact: Guillermo Morales ermj@aol.nj
Analysis: AAS-GF - ASTM D3559-08D, USEPA 40CFR 141.11B, 2010

This appendix seeks to promote greater understanding of any observations, exceptions, special instructions, or circumstances that the laboratory needs to communicate to the client concerning the above samples. The information below is used to help promote your ability to make the most informed decisions for you and your customers. Please note the following points of contact for any questions you may have.

iATL Customer Service: customerservice@iatl.com
iATL Office Manager: cdavis@iatl.com
iATL Account Representative: Shirley Clark
Sample Login Notes: See Batch Sheet Attached
Sample Matrix: Water
Exceptions Noted: See Following Pages

General Terms, Warrants, Limits, Qualifiers:

General information about iATL capabilities and client/laboratory relationships and responsibilities are spelled out in iATL policies that are listed at www.iATL.com and in our Quality Assurance Manual per ISO 17025 standard requirements. The information therein is a representation of iATL definitions and policies for turnaround times, sample submittal, collection media, blank definitions, quantification issues and limit of detection, analytical methods and procedures, sub-contracting policies, results reporting options, fees, terms, and discounts, confidentiality, sample archival and disposal, and data interpretation.

iATL warrants the test results to be of a precision normal for the type and methodology employed for each sample submitted. iATL disclaims any other warrants, expressed or implied, including warranty of fitness for a particular purpose and warranty of merchantability. iATL accepts no legal responsibility for the purpose for which the client uses test results. Any analytical work performed must be governed by our Standard Terms and Conditions. Prices, methods and detection limits may be changed without notification. Please contact your Customer Service Representative for the most current information.

This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA LAP LLC, or any agency of local, state or province governments nor of any agency of the U.S. government.

This report shall not be reproduced except in full, without written approval of the laboratory.

Information Pertinent to this Report:

Analysis by AAS Graphite Furnace:
- ASTM D3559-08D, USEPA 40CFR 141.11B, 2010
- USEPA 200.9Pb, AAS-GF, RL <2 ppb/sample
- USEPA SW 846-7000B:7421 - Pb(AAS-GF, RL <2 ppb/sample)

Certification:
- NYS-DOH No. 11021
- NJDEP No. 03863

Regulatory limit for lead in drinking water is 15.0 parts per billion as cited in EPA 40 CFR 141.11 National Primary Drinking Water Regulations, Subpart B: Maximum contaminant levels for inorganic chemicals.

All results are based on the samples as received at the lab. iATL assumes that appropriate sampling methods have been used and that the data upon which these results are based have been accurately supplied by the client.

Sample results are not corrected for contamination by field or analytical blanks.

PPB = Parts per billion. 1 µg/L = 1 ppb MDL = 0.24 PPB Reporting Limit (RL) = 2.0 PPB

Disclaimers / Qualifiers:

There may be some samples in this project that have a "NOTE:" associated with a sample result. We use added disclaimers or qualifiers to inform the client about something that requires further explanation. Here is a complete list with highlighted disclaimers pertinent to this project. For a full explanation of these and other disclaimers, please inquire at customerservice@iatl.com.

Water Sample Turbidity greater than 1.0 NTU does not meet Federal and NJ State Primary & Secondary Drinking Water Standards.



9000 Commerce Parkway, Suite B • Mount Laurel, NJ 08054
 Phone: 877-428-4285/856-231-9449 • Fax: 856-231-9818

Chain of Custody

– Environmental Lead –

Contact Information	
Client Company: <u>ER&M</u>	Project Number: <u>1022-412 Cranford BOE</u>
Office Address: <u>20-10 Maple Ave, Bldg 35E</u>	Project Name: <u>Bloomington School</u>
City, State, Zip: <u>Fair Lawn, NJ 07410</u>	Primary Contact: <u>Willie Morales</u>
Fax Number: <u>973-636-9144</u>	Office Phone: <u>973-636-9145</u>
Email Address: <u>ermnj@aol.com</u>	Cell Phone: _____

iATL is accredited by the National Lead Laboratory Accreditation Program (NLLAP) to perform analytical testing of environmental samples for lead (Pb). The accreditation is through AIHA-LAP, LLC and several other nationally recognized state programs.

Matrix/Method:

- Paint by AAS: ASTM D3335-85a, 2009
- Wipe/Dust by AAS: SW 846: 3050B: 700B, 2010
- Air by AAS: NIOSH 7082, 1994
- Soil by AAS: EPA SW 846 (Soil)
- Water by AAS-GF: ASTM D3559-03D, US EPA 200.9
- Other Metals (Cd, Zn, Cr) by AAS
- Toxicity Characteristic Leaching Procedure (TCLP) by AAS: US EPA 1311
- Other _____

Special Instructions:

Turnaround Time Standard

Preliminary Results Requested Date: _____

Verbal
 Email
 Fax

SCANNED

10 Day
 5 Day
 3 Day
 2 Day
 1 Day*
 12 Hour**
 6 Hour**
 RUSH**

* End of next business day unless otherwise specified. ** Matrix Dependent. ***Please notify the lab before 5:00pm***

AUG 15 2017

Chain of Custody

Relinquished (Name/Organization): <u>Shchutkaia/ER&M</u>	Date: <u>08/10/17</u>	Time: _____
Received (Name / iATL): <u>Chris Deas</u>	Date: <u>8/10/17</u>	Time: <u>1:50</u>
Sample Login (Name / iATL): _____	Date: _____	Time: _____
Analysis(Name(s) / iATL): _____	Date: <u>8/14/17</u>	Time: _____
QA/QC Review (Name / iATL): _____	Date: _____	Time: <u>10:20</u>
Archived / Released: _____	QA/QC InterLAB Use: _____	Date: _____

DAILY QUALITY CONTROL DATA**LEAD SAMPLE ANALYSIS**

(DATE: 08/15/17)

Standard	Total Lead (mg)	Percent Recovery **
Reagent Blank	0.000	< LOQ
Blank Spike	0.500	99
Lab Control Std	1.780	102
Matrix Spike - LBP *	0.23	105
Matrix Spike - Wipe *	0.28	99
Matrix Spike - Soil *	0.325	92
Matrix spike - Air *	0.050	99
2.5 ppm Standard	0.25	100
10.0 ppm Standard	1.0	100
40.0 ppm Standard	4.0	100

AIHA-LAP, LLC No. 100188**NYSDOH-ELAP No. 11021**

Analysis Method: ASTM D3335-85A
 NIOSH 7082
 EPA SW846 3050B 7000B

Comments: IATL assumes that all sampling complies with accepted methods.
 All client supplied sampling data is assumed to be correct when calculating results.
 Detection limit based upon 0.2 mg/L reporting limit and sample size.
 * NIST Traceable.
 ** 80-120% acceptable limits.

Analyzed By:

M. Stewart

Date:

8/15/17

Approved By:

Frank E. Ehrenfeld, III
Laboratory Director