

November 5, 2021

Mr. David Micek
Supervisor of Buildings and Grounds
Falconer Central School District
2 East Avenue North
Falconer, New York 14733

RE: Lead Testing in School Drinking Water

Dear Mr. Micek:

This letter is provided by Stohl Environmental LLC and includes results of Lead Testing in School Drinking Water for the following educational building(s):

- Harvey C. Fenner Elementary – 2 East Avenue, Falconer, NY 14733

This letter is prepared to assist the District in complying with the requirements of NYS regulations, *SUBPART 67-4: Lead Testing in School Drinking Water*, by identifying the sources of potable water with lead concentrations greater than the NYS “Action Level of 15 parts per billion (ppb)”.

The collection of water samples was performed by School District staff on June 30, 2021 following the requirements of NYS regulations as well as USEPA Technical Guidance Document “3-T’s for Reducing Lead in Drinking Water in Schools”. The water samples were then delivered by the School District to Stohl Environmental following strict chain-of-custody protocols. Once received, the water samples were then transmitted by Stohl Environmental to an independent laboratory approved by the NYS Department of Health’s Environmental Laboratory Approval Program (ELAP) following strict chain-of-custody protocols.

As detailed below, based on the laboratory results, 1 source of potable water Fenner Elementary has been identified as having a lead concentration in water above the NYS Action Level of 15 parts per billion. Additionally, 3 samples were not received by the lab and were not analyzed. These Location should be resampled and analyzed at a later date. To comply with NYS regulations, Response actions are required by the District as identified below.

Laboratory reports and Chain of Custody forms are included as attachments to this letter.
Thank you for the opportunity to be of service to Falconer Central School District.

Sincerely,
Stohl Environmental, LLC.



Eric Henderson Jr.
Senior Project Manager

Summary of Sampling and Analysis

Total Number of Samples Collected by Building Classified by First Draw:

Building Name	Date of Sample Event	Total Number Samples Collected	First Draw Samples	
			Number of Samples Below Action level of 15 ppb	Number of Samples Above Action Level of 15 ppb
Fenner Elementary	6/30/2021	34	33	1

Listing of Outlets Requiring Remediation

Locations of Outlets Analyzed above the NYS Action Level of 15 parts per billion based upon Analysis of First Draw Samples:

Sample #	Classroom or other Location	Fixture/Outlet type	Laboratory Analysis in ppb
F-18	Hall Gym Fountain	Drinking Fountain	28.8
F-34	133E	Sink	N/A
F-35	139 Fountain	Drinking Fountain	N/A
F-36	141	Sink	N/A

N/A = Not Analyzed. The laboratory received the sample empty and was not able to be analyzed. Location should be resampled and analyzed at a later date.

1.3 Response Actions Required Under NYS Regulations, Section 67-4.4:

For outlets analyzed with a lead concentration in excess of the NYS Action Level, regulations require:

- (a) Prohibit use of the outlet until:
 - (1) a lead remediation plan is implemented to mitigate the lead level of such outlet; and
 - (2) test results indicate that the lead levels are at or below the action level;
- (b) provide building occupants with an adequate supply of potable water for drinking and cooking until remediation is performed;
- (c) report the test results to the local health department as soon as practicable, but no more than 1 business day after the school received the laboratory report; and
- (d) notify all staff and all persons in parental relation to students of the test results, in writing, as soon as practicable but no more than 10 business days after the school received the laboratory report.

Laboratory Analytical Reports

CERTIFICATE OF ANALYSIS

Client: Stohl Environmental
3860 California Road
Orchard Park NY 14127

Report Date: 8/24/2021
Report No.: 642984 - Lead Water
Project: Fenner Elementary School
Project No.: 2020L-146.1

Client: STO708

LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.: 7276077 **Location:** Pantry Sink **Result(ppb):** 1.30
Client No.: F-1A * Sample acidified to pH <2.

Lab No.: 7276078 **Location:** Pantry Sink **Result(ppb):** 1.20
Client No.: F-1B * Sample acidified to pH <2.

Lab No.: 7276079 **Location:** 101 **Result(ppb):** 1.70
Client No.: F-2 * Sample acidified to pH <2.

Lab No.: 7276080 **Location:** 102 **Result(ppb):** 3.20
Client No.: F-3 * Sample acidified to pH <2.

Lab No.: 7276081 **Location:** 103 **Result(ppb):** 6.60
Client No.: F-4 * Sample acidified to pH <2.

Lab No.: 7276082 **Location:** 104 **Result(ppb):** <1.00
Client No.: F-5 * Sample acidified to pH <2.


Lab No.: 7276083 **Location:** 105 **Result(ppb):** 4.60
Client No.: F-6 * Sample acidified to pH <2.


Lab No.: 7276084 **Location:** 113 **Result(ppb):** 1.90
Client No.: F-7 * Sample acidified to pH <2.

Lab No.: 7276085 **Location:** Kitchen S **Result(ppb):** 4.70
Client No.: F-8 * Sample acidified to pH <2.

Lab No.: 7276086 **Location:** Kitchen N **Result(ppb):** 1.60
Client No.: F-9 * Sample acidified to pH <2.

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

Date Received: 8/19/2021
Date Analyzed: 08/24/2021
Signature: 
Analyst: Mark Stewart

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Stohl Environmental
3860 California Road
Orchard Park NY 14127


Client: STO708


Report Date: 8/24/2021
Report No.: 642984 - Lead Water
Project: Fenner Elementary School
Project No.: 2020L-146.1

LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.: 7276087 Client No.: F-10	Location: 132W * Sample acidified to pH <2.	Result(ppb): 1.60
Lab No.: 7276088 Client No.: F-11	Location: 132CW * Sample acidified to pH <2.	Result(ppb): 1.40
Lab No.: 7276089 Client No.: F-12	Location: 132E * Sample acidified to pH <2.	Result(ppb): 1.40
Lab No.: 7276090 Client No.: F-13	Location: 133W * Sample acidified to pH <2.	Result(ppb): 9.20
Lab No.: 7276091 Client No.: F-14	Location: 133CW * Sample acidified to pH <2.	Result(ppb): 3.40
Lab No.: 7276092 Client No.: F-15	Location: 133CE * Sample acidified to pH <2.	Result(ppb): <1.00
Lab No.: 7276093 Client No.: F-34	Location: 133E * Sample acidified to pH <2.	Result(ppb): Sample Not Received
Lab No.: 7276094 Client No.: F-16	Location: 138 * Sample acidified to pH <2.	Result(ppb): 4.20
Lab No.: 7276095 Client No.: F-17	Location: 140 * Sample acidified to pH <2.	Result(ppb): <1.00
Lab No.: 7276096 Client No.: F-18	Location: Hall Gym Fntn * Sample acidified to pH <2.	Result(ppb): 28.8

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

Date Received: 8/19/2021
Date Analyzed: 08/24/2021
Signature: 
Analyst: Mark Stewart

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Stohl Environmental
3860 California Road
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Report Date: 8/24/2021
Report No.: 642984 - Lead Water
Project: Fenner Elementary School
Project No.: 2020L-146.1

LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.: 7276097 Location: 146 Result(ppb): <1.00
Client No.: F-19 * Sample acidified to pH <2.

Lab No.: 7276098 Location: 147 Result(ppb): 1.30
Client No.: F-20 * Sample acidified to pH <2.

Lab No.: 7276099 Location: 148 Result(ppb): 12.3
Client No.: F-21 * Sample acidified to pH <2.

Lab No.: 7276100 Location: 150 Result(ppb): 1.20
Client No.: F-22 * Sample acidified to pH <2.

Lab No.: 7276101 Location: 151 Result(ppb): <1.00
Client No.: F-23 * Sample acidified to pH <2.

Lab No.: 7276102 Location: 152 Result(ppb): 1.20
Client No.: F-24 * Sample acidified to pH <2.


Lab No.: 7276103 Location: Gym N Result(ppb): 1.10
Client No.: F-25 * Sample acidified to pH <2.


Lab No.: 7276104 Location: Gym S Result(ppb): <1.00
Client No.: F-26 * Sample acidified to pH <2.

Lab No.: 7276105 Location: 159 Result(ppb): <1.00
Client No.: F-27 * Sample acidified to pH <2.

Lab No.: 7276106 Location: 160 Result(ppb): 8.30
Client No.: F-28 * Sample acidified to pH <2.

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

Date Received: 8/19/2021
Date Analyzed: 08/24/2021
Signature: 
Analyst: Mark Stewart

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Stohl Environmental
3860 California Road
Orchard Park NY 14127

Report Date: 8/24/2021
Report No.: 642984 - Lead Water
Project: Fenner Elementary School
Project No.: 2020L-146.1

Client: STO708

LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.: 7276107 Location: 161 Result(ppb): <1.00
Client No.: F-29 * Sample acidified to pH <2.

Lab No.: 7276108 Location: 162 Result(ppb): 1.00
Client No.: F-30 * Sample acidified to pH <2.

Lab No.: 7276109 Location: 163 Result(ppb): <1.00
Client No.: F-31 * Sample acidified to pH <2.


Lab No.: 7276110 Location: 164 Result(ppb): <1.00
Client No.: F-32 * Sample acidified to pH <2.


Lab No.: 7276111 Location: 118 Result(ppb): 5.00
Client No.: F-33 * Sample acidified to pH <2.

Lab No.: 7276112 Location: 139FNT Result(ppb): Sample Not Received
Client No.: F-35 * Sample acidified to pH <2.

Lab No.: 7276113 Location: 141 Result(ppb): Sample Not Received
Client No.: F-36 * Sample acidified to pH <2.

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

Date Received: 8/19/2021
Date Analyzed: 08/24/2021
Signature: 
Analyst: Mark Stewart

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Stohl Environmental
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Client: STO708

Report Date: 8/24/2021
Report No.: 642984 - Lead Water
Project: Fenner Elementary School
Project No.: 2020L-146.1

Appendix to Analytical Report:

Customer Contact: Lab Results Final
Analysis: AAS-GF - ASTM D3559-08D

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: ?wchampion@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

Certification:

- NYS-DOH No. 11021

- NJDEP No. 03863

Note: These methods are analytically equivalent to iATL's accredited method;

- USEPA 40CFR 141.11B

- USEPA 200.9 Pb, AAS-GF, RL <2 ppb/sample

- USEPA SW 846-7421 - Pb(AAS-GF, RL <2 ppb/sample)

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) = 1.0 PPB

CERTIFICATE OF ANALYSIS

Client: Stohl Environmental
3860 California Road
Orchard Park NY 14127

Client: STO708

Report Date: 8/24/2021
Report No.: 642984 - Lead Water
Project: Fenner Elementary School
Project No.: 2020L-146.1

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.

Matrix spiking is performed on each client batch to determine if interferences could impact results. When spike recoveries fall out of acceptable range matrix interference is suspected and samples are diluted until acceptable spike recovery can be achieved. Reporting limits will increase by the same degree as the dilution required.

Note: Sample dilution required due to matrix interference.

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

* ASTM D3559 (D) calls for the addition of acid at the time of sampling. Unless so noted on the chain of custody by the client iATL acidifies samples to a pH of <2 at least 24 hours prior to analysis.

Laboratory Certifications

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER



Expires 12:01 AM April 01, 2022
Issued April 01, 2021

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MR. FRANK E. EHRENFELD III
INTERNATIONAL ASBESTOS TESTING LABS
9000 COMMERCE PARKWAY SUITE B
MOUNT LAUREL, NJ 08054

NY Lab Id No. 11021

is hereby APPROVED as an Environmental Laboratory for the category
ENVIRONMENTAL ANALYSES-POTABLE WATER
All approved subcategories and/or analytes are listed below:

Metals I

Lead, Total

ASTM D3559-90, 96, 03 & 08 (D)

Miscellaneous

Asbestos

EPA 100.1

EPA 100.2

New York
State
Department of Health

Department
of Health

Serial No.: 62872

Property of the New York State Department of Health. Certificates are valid only at the address shown, must be conspicuously posted, and are printed on secure paper. Continued accreditation depends on successful ongoing participation in the Program. Consumers are urged to call (518) 485-5570 to verify the laboratory's accreditation status.

Chains of Custody

STOHL ENVIRONMENTAL
2020L-146.1

Lead Testing in Water
Fenner Elementary School

According to Public Health Law
sections 1370-a and 1110, Subpart 67-4 of Title 10 (Health)
of the Official Compilation of Codes, Rules and Regulations
of the State of New York

RECEIVED

AUG 19 2021

Test iATL - By

Sample Location	Sample Identification	Draw Date	Draw Time	
Pantry Sink	F-1A	06/30/21	6:45 AM	7276077
Pantry Sink	F-1B	06/30/21	6:45 AM	7276078
101	F-2	06/30/21	6:50 AM	7276079
102	F-3	06/30/21	6:50 AM	7276080
103	F-4	06/30/21	6:50 AM	7276081
104	F-5	06/30/21	6:50 AM	7276082
105	F-6	06/30/21	6:50 AM	7276083
113	F-7	06/30/21	6:50 AM	7276084
Kitchen S	F-8	06/30/21	6:50 AM	7276085
Kitchen N	F-9	06/30/21	6:50 AM	7276086
132W	F-10	06/30/21	6:55 AM	7276087
132CW	F-11	06/30/21	6:55 AM	7276088
132E	F-12	06/30/21	6:55 AM	7276089
133W	F-13	06/30/21	7:00 AM	7276090
133CW	F-14	06/30/21	7:00 AM	7276091
133CE	F-15	06/30/21	7:00 AM	7276092
* 133E	F-34	06/30/21	7:00 AM	7276093
138	F-16	06/30/21	7:00 AM	7276094
140	F-17	06/30/21	7:00 AM	7276095
Hall Gym Fntn	F-18	06/30/21	7:05 AM	7276096
146	F-19	06/30/21	7:05 AM	7276097
147	F-20	06/30/21	7:05 AM	7276098
148	F-21	06/30/21	7:05 AM	7276099
150	F-22	06/30/21	7:05 AM	7276100
151	F-23	06/30/21	7:05 AM	7276101
152	F-24	06/30/21	7:05 AM	7276102
Gym N	F-25	06/30/21	7:05 AM	7276103
Gym S	F-26	06/30/21	7:05 AM	7276104
159	F-27	06/30/21	7:10 AM	7276105
160	F-28	06/30/21	7:10 AM	7276106
161	F-29	06/30/21	7:10 AM	7276107
162	F-30	06/30/21	7:10 AM	7276108
163	F-31	06/30/21	7:10 AM	7276109
164	F-32	06/30/21	7:10 AM	7276110
118	F-33	06/30/21	7:15 AM	7276111
* 139FNT	F-35	06/30/21	7:15 AM	7276112
* 141	F-36	06/30/21	7:15 AM	7276113

iATL 7276093

iATL 7276113

iATL 7276112

*SNR

Acidified w/ 8/3/21 18:45
@MS 8/24/21 @18:25m

BLANK



3860 California Road, Orchard Park, New York 14127

PHONE (716) 312-0070 FAX (716) 312-8092

WWW.STOHLENVIRONMENTAL.COM