



4169 Allendale Parkway
Buffalo, New York 14219
(P) 716-312-0070 (F) 716-312-8092
www.stohlenvironmental.com

A MEMBER OF THE STOHL GROUP OF COMPANIES

November 9, 2016

Mr. Nick Titus
Pioneer Central School District
12125 County Line Road
PO Box 579
Yorkshire, New York 14173

re: Lead Testing in School Drinking Water

Dear Mr. Titus:

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

- Arcade Elementary School

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 9/24/2016 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, 24 sources of potable water in Arcade Elementary School have been identified as having lead concentrations in water above the NYS Action Level of 15 parts per billion. 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.

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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
Arcade Elementary	9/24/2016	135	111	24

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 #	Sample Type	Classroom or other Location	Fixture/Outlet type	Laboratory Analysis in ppb
10	First Draw	First Floor-Rm #26 (Kitchen)	Not Listed	42.3
11	First Draw	First Floor-Rm #26 (Kitchen)	Not Listed	27.9
25	First Draw	First Floor-Rm #43 Bath Sink	Not Listed	24.6
27C	First Draw	First Floor-Rm #40	Not Listed	26.8
28C	First Draw	First Floor-Rm #38	Not Listed	26.0
34	First Draw	First Floor-Rm #39	Not Listed	33.0
37	First Draw	First Floor-Rm #37	Not Listed	36.6
40	First Draw	First Floor-Rm #36	Not Listed	33.3
53	First Draw	First Floor-Rm #14-Art	Not Listed	21.4
59	First Draw	First Floor-Rm #6 Music Office	Not Listed	17.2
60	First Draw	First Floor-Rm #11 Art Storage	Not Listed	32.0
1	First Draw	2 nd Floor-229	Not Listed	33.9
2	First Draw	2 nd Floor-227	Not Listed	19.9
3	First Draw	2 nd Floor-225	Not Listed	78.5
4	First Draw	2 nd Floor-223	Not Listed	35.1
5	First Draw	2 nd Floor-221	Not Listed	60.8
6	First Draw	2 nd Floor-228	Not Listed	28.8
7	First Draw	2 nd Floor-226	Not Listed	36.9
11	First Draw	2 nd Floor-Girl's Lav.	Not Listed	17.1
12	First Draw	2 nd Floor-Boy's Lav.	Not Listed	15.7
16	First Draw	2 nd Floor-222	Not Listed	53.6
17	First Draw	2 nd Floor-218A Library Work	Not Listed	19.4
21	First Draw	2 nd Floor-215	Not Listed	25.0
27	First Draw	2 nd Floor-210	Not Listed	22.8

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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.

Thank you for the opportunity to be of service to Pioneer Central School District.

Sincerely,
Stohl Environmental, LLC.



William K. Sisco
Senior Project Manager



ENVIRONMENTAL CONSULTANTS

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Buffalo, New York 14219
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Laboratory Analytical Reports

CERTIFICATE OF ANALYSIS

Client: Stohl Environmental
4169 Allendale Pkwy; Suite 100
Blasdell NY 14219

Report Date: 11/1/2016
Report No.: 520644 - Lead Water
Project: Pioneer Central School - Arcade Elementary
Project No.:

Client: STO708

LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.:6042629 **Location:**First Floor-Rm #33, 9-24-16 **Result(ppb):** 3.80
Client No.:1

Lab No.:6042630 **Location:**First Floor-Rm #30, 9-24-16 **Result(ppb):** 6.80
Client No.:2

Lab No.:6042631 **Location:**First Floor-Rm #34 Nurse, 9-24-16 **Result(ppb):** 5.70
Client No.:4

Lab No.:6042632 **Location:**First Floor-Rm #34 (Nurse), 9-24-16 **Result(ppb):** 8.00
Client No.:5

Lab No.:6042633 **Location:**First Floor-Rm #26 (Kitchen), 9-24-16 **Result(ppb):** 13.7
Client No.:6

Lab No.:6042634 **Location:**First Floor-Rm #26 (Kitchen), 9-24-16 **Result(ppb):** 14.3
Client No.:7


Lab No.:6042635 **Location:**First Floor-Rm #26 (Kitchen), 9-24-16 **Result(ppb):** 6.90
Client No.:8A


Lab No.:6042636 **Location:**First Floor-Rm #26 (Kitchen), 9-24-16 **Result(ppb):** 6.20
Client No.:8B

Lab No.:6042637 **Location:**First Floor-Rm #26 (Kitchen), 9-24-16 **Result(ppb):** 4.90
Client No.:9

Lab No.:6042638 **Location:**First Floor-Rm #26 (Kitchen), 9-24-16 **Result(ppb):** 42.3
Client No.:10

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

Date Received: 9/28/2016
Date Analyzed: 11/01/2016
Signature: 
Analyst: Chad Shaffer

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Stohl Environmental
4169 Allendale Pkwy; Suite 100
Blasdell NY 14219

Report Date: 11/1/2016
Report No.: 520644 - Lead Water
Project: Pioneer Central School - Arcade Elementary
Project No.:

Client: STO708

LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.:6042639 **Location:**First Floor-Rm #26 (Kitchen), 9-24-16 **Result(ppb):** 27.9
Client No.:11

Lab No.:6042640 **Location:**First Floor-Rm #22 Faculty, 9-24-16 **Result(ppb):** <2.00
Client No.:12

Lab No.:6042641 **Location:**First Floor-Men's ADA Bath, 9-24-16 **Result(ppb):** <2.00
Client No.:13

Lab No.:6042642 **Location:**First Floor-Women's ADA Bath, 9-24-16 **Result(ppb):** <2.00
Client No.:14

Lab No.:6042643 **Location:**First Floor-Janitor's Closet, 9-24-16 **Result(ppb):** <2.00
Client No.:61

Lab No.:6042644 **Location:**First Floor-Girl's ADA Bath, 9-24-16 **Result(ppb):** 9.80
Client No.:15


Lab No.:6042645 **Location:**First Floor-Girl's ADA Bath, 9-24-16 **Result(ppb):** 2.30
Client No.:16


Lab No.:6042646 **Location:**First Floor-Boy's ADA Bath, 9-24-16 **Result(ppb):** 9.80
Client No.:17

Lab No.:6042647 **Location:**First Floor-Boy's ADA Bath, 9-24-16 **Result(ppb):** 2.10
Client No.:18

Lab No.:6042648 **Location:**First Floor-Rm #23 (Cooking Rm), 9-24-16 **Result(ppb):** 12.2
Client No.:19

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

Date Received: 9/28/2016
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Signature: 
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Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Stohl Environmental
4169 Allendale Pkwy; Suite 100
Blasdell NY 14219

Report Date: 11/1/2016
Report No.: 520644 - Lead Water
Project: Pioneer Central School - Arcade Elementary
Project No.:

Client: STO708

LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.:6042649 **Location:**First Floor-Rm #23 (Cooking Rm), 9-24-16 **Result(ppb):** 11.1
Client No.:20

Lab No.:6042650 **Location:**First Floor-Rm #19-Principal's Office, 9-24-16 **Result(ppb):** 12.2
Client No.:21

Lab No.:6042651 **Location:**First Floor-Rm #17-17B, 9-24-16 **Result(ppb):** 3.00
Client No.:22

Lab No.:6042652 **Location:**First Floor-Rm #17-17B, 9-24-16 **Result(ppb):** 3.10
Client No.:23

Lab No.:6042653 **Location:**First Floor-Rm #45 Drinking Fountain, 9-24-16 **Result(ppb):** 6.20
Client No.:24A

Lab No.:6042654 **Location:**First Floor-Rm #45 Drinking Fountain, 9-24-16 **Result(ppb):** <2.00
Client No.:24B

Lab No.:6042655 **Location:**First Floor-Rm #43, 9-24-16 **Result(ppb):** 24.6
Client No.:25

Lab No.:6042656 **Location:**First Floor-Rm #42 Bath Sink, 9-24-16 **Result(ppb):** 6.80
Client No.:26A

Lab No.:6042657 **Location:**First Floor-Rm #42 Bath Sink, 9-24-16 **Result(ppb):** <2.00
Client No.:26B

Lab No.:6042658 **Location:**First Floor-Rm #40, 9-24-16 **Result(ppb):** 3.90
Client No.:27A

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

Date Received: 9/28/2016

Date Analyzed: 11/01/2016

Signature: 

Analyst: Chad Shaffer

Approved By: 

Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Stohl Environmental
4169 Allendale Pkwy; Suite 100
Blasdell NY 14219

Report Date: 11/1/2016
Report No.: 520644 - Lead Water
Project: Pioneer Central School - Arcade Elementary
Project No.:

Client: STO708

LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.:6042659
Client No.:27B

Location:First Floor-Rm #40, 9-24-16

Result(ppb): 12.2

Lab No.:6042660
Client No.:27C

Location:First Floor-Rm #40, 9-24-16

Result(ppb): 26.8

Lab No.:6042661
Client No.:28A

Location:First Floor-Rm #38, 9-24-16

Result(ppb): 3.90

Lab No.:6042662
Client No.:28B

Location:First Floor-Rm #38, 9-24-16

Result(ppb): 2.90

Lab No.:6042663
Client No.:28C

Location:First Floor-Rm #38, 9-24-16

Result(ppb): 26.0

Lab No.:6042664
Client No.:29

Location:Sample Not Received, 9-24-16

Result(ppb): Sample Not Received

Lab No.:6042665
Client No.:30

Location:First Floor-Rm #41, 9-24-16

Result(ppb): 8.10

Lab No.:6042666
Client No.:31

Location:First Floor-Rm #41, 9-24-16

Result(ppb): 2.20

Lab No.:6042667
Client No.:32

Location:First Floor-Rm #39, 9-24-16

Result(ppb): 4.80

Lab No.:6042668
Client No.:33

Location:First Floor-Rm #39, 9-24-16

Result(ppb): 4.80

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Date Received: 9/28/2016

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Signature: 

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Approved By: 

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Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Stohl Environmental
4169 Allendale Pkwy; Suite 100
Blasdell NY 14219

Report Date: 11/1/2016
Report No.: 520644 - Lead Water
Project: Pioneer Central School - Arcade Elementary
Project No.:

Client: STO708

LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.: 6042669 Client No.: 34	Location: First Floor-Rm #39, 9-24-16	Result(ppb): 33.0
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Lab No.: 6042670 Client No.: 35	Location: First Floor-Rm #37, 9-24-16	Result(ppb): 4.50
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Lab No.: 6042671 Client No.: 36	Location: First Floor-Rm #37, 9-24-16	Result(ppb): 6.90
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Lab No.: 6042672 Client No.: 37	Location: First Floor-Rm #37, 9-24-16	Result(ppb): 36.6
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Lab No.: 6042673 Client No.: 38	Location: First Floor-Rm #36, 9-24-16	Result(ppb): 12.2
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Lab No.: 6042674 Client No.: 39	Location: First Floor-Rm #36, 9-24-16	Result(ppb): 2.80
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Lab No.: 6042675 Client No.: 40	Location: First Floor-Rm #36, 9-24-16	Result(ppb): 33.3
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Lab No.: 6042676 Client No.: 41	Location: First Floor-Rm #35, 9-24-16	Result(ppb): 6.60
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Lab No.: 6042677 Client No.: 42	Location: First Floor-Rm #35, 9-24-16	Result(ppb): 10.6
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Lab No.: 6042678 Client No.: 43	Location: Sample Not Received, 9-24-16	Result(ppb): Sample Not Received
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Please refer to the Appendix of this report for further information regarding your analysis.

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Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

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Blasdell NY 14219

Report Date: 11/1/2016
Report No.: 520644 - Lead Water
Project: Pioneer Central School - Arcade Elementary
Project No.:

Client: STO708

LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.:6042679 **Location:**First Floor-Rm #44, 9-24-16 **Result(ppb):** 5.40
Client No.:44

Lab No.:6042680 **Location:**First Floor-Rm #44, 9-24-16 **Result(ppb):** <2.00
Client No.:45

Lab No.:6042681 **Location:**First Floor-Rm #46, 9-24-16 **Result(ppb):** 2.30
Client No.:46

Lab No.:6042682 **Location:**First Floor-Boy's Bath (Aud.), 9-24-16 **Result(ppb):** 2.70
Client No.:47

Lab No.:6042683 **Location:**First Floor-Boy's Bath (Aud.), 9-24-16 **Result(ppb):** 2.50
Client No.:48

Lab No.:6042684 **Location:**First Floor-Girl's Bath (Aud.), 9-24-16 **Result(ppb):** 5.80
Client No.:49

Lab No.:6042685 **Location:**First Floor-Drink Fountain By (Aud.), 9-24-16 **Result(ppb):** <2.00
Client No.:50A

Lab No.:6042686 **Location:**First Floor-Drinking Fountain By (Aud.), 9-24-16 **Result(ppb):** <2.00
Client No.:50B

Lab No.:6042687 **Location:**First Floor Rm #14-Art, 9-24-16 **Result(ppb):** <2.00
Client No.:51

Lab No.:6042688 **Location:**First Floor Rm #14-Art, 9-24-16 **Result(ppb):** 6.30
Client No.:52

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

Date Received: 9/28/2016

Date Analyzed: 11/01/2016

Signature: 

Analyst: Chad Shaffer

Approved By: 

Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Stohl Environmental
4169 Allendale Pkwy; Suite 100
Blasdell NY 14219

Report Date: 11/1/2016
Report No.: 520644 - Lead Water
Project: Pioneer Central School - Arcade Elementary
Project No.:

Client: STO708

LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.: 6042689	Location: First Floor Rm #14-Art, 9-24-16	Result(ppb): 21.4
Client No.: 53		

Lab No.: 6042690	Location: First Floor-Drinking Fountain, 9-24-16	Result(ppb): 14.0
Client No.: 55		

Lab No.: 6042691	Location: First Floor-Rm #15 Coach Office (B), 9-24-16	Result(ppb): 5.70
Client No.: 56		

Lab No.: 6042692	Location: First Floor-Rm #8 Coach Office (G), 9-24-16	Result(ppb): 9.10
Client No.: 57		

Lab No.: 6042693	Location: First Floor-Drinking Fountain, 9-24-16	Result(ppb): 8.50
Client No.: 58		

Lab No.: 6042694	Location: First Floor-Rm #6 Music Office, 9-24-16	Result(ppb): 17.2
Client No.: 59		


Lab No.: 6042695	Location: First Floor-Rm #11 Art Storage, 9-24-16	Result(ppb): 32.0
Client No.: 60		


Lab No.: 6042696	Location: First Floor-Drinking Fountain Special Ed Office, 9-24-16	Result(ppb): <2.00
Client No.: 62		

Lab No.: 6042697	Location: First Floor-Rm #13, 9-24-16	Result(ppb): <2.00
Client No.: 54		

Lab No.: 6042698	Location: First Floor-Rm #35-Drinking Fountain, 9-24-16	Result(ppb): 2.30
Client No.: 1A40		

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

Date Received: 9/28/2016
Date Analyzed: 11/01/2016
Signature: 
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Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Stohl Environmental
4169 Allendale Pkwy; Suite 100
Blasdell NY 14219

Report Date: 11/1/2016
Report No.: 520644 - Lead Water
Project: Pioneer Central School - Arcade Elementary
Project No.:

Client: STO708

LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.: 6042699
Client No.: 1A44

Location: First Floor-Rm #44-Drinking
Fountain, 9-24-16


Result(ppb): <2.00


Lab No.: 6042700
Client No.: 1A46

Location: First Floor-Rm #46-Drinking
Fountain, 9-24-16

Result(ppb): <2.00

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

Date Received: 9/28/2016
Date Analyzed: 11/01/2016
Signature: 
Analyst: Chad Shaffer

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Stohl Environmental
4169 Allendale Pkwy; Suite 100
Blasdell NY 14219

Report Date: 11/1/2016
Report No.: 520644 - Lead Water
Project: Pioneer Central School - Arcade Elementary
Project No.:

Client: STO708

Appendix to Analytical Report:

Customer Contact: Lab Results Final
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.

CERTIFICATE OF ANALYSIS

Client: Stohl Environmental
4169 Allendale Pkwy; Suite 100
Blasdell NY 14219

Report Date: 11/2/2016
Report No.: 520645 - Lead Water
Project: Pioneer Central School - Arcade Elementary
Project No.:

Client: STO708

LEAD WATER SAMPLE ANALYSIS SUMMARY


Lab No.: 6042701 Client No.: 1	Location: 2nd Floor-229, 9-24-16	Result(ppb): 33.9
Lab No.: 6042702 Client No.: 2	Location: 2nd Floor-227, 9-24-16	Result(ppb): 19.9
Lab No.: 6042703 Client No.: 3	Location: 2nd Floor-225, 9-24-16	Result(ppb): 78.5
Lab No.: 6042704 Client No.: 4	Location: 2nd Floor-223, 9-24-16	Result(ppb): 35.1
Lab No.: 6042705 Client No.: 5	Location: 2nd Floor-221, 9-24-16	Result(ppb): 60.8
Lab No.: 6042706 Client No.: 6	Location: 2nd Floor-228, 9-24-16	Result(ppb): 28.8
Lab No.: 6042707 Client No.: 7	Location: 2nd Floor-226, 9-24-16	Result(ppb): 36.9


Lab No.:6042708 **Location:**2nd Floor-Drinking Fountain, 9-24-16 **Result(ppb):** 3.30
Client No.:8

Lab No.:6042709 **Location:**2nd Floor-Girl's Lav., 9-24-16 **Result(ppb):** 11.1
Client No.:9

Lab No.:6042710 **Location:**2nd Floor-Girl's Lav., 9-24-16 **Result(ppb):** 6.10
Client No.:10

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

Date Received: 9/28/2016
Date Analyzed: 11/02/2016
Signature: 
Analyst: Chad Shaffer

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Stohl Environmental
4169 Allendale Pkwy; Suite 100
Blasdell NY 14219


Report Date: 11/2/2016
Report No.: 520645 - Lead Water
Project: Pioneer Central School - Arcade Elementary
Project No.:


Client: STO708

LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.: 6042711 Client No.: 11	Location: 2nd Floor-Girl's Lav., 9-24-16	Result(ppb): 17.1
Lab No.: 6042712 Client No.: 12	Location: 2nd Floor-Boy's Lav., 9-24-16	Result(ppb): 15.7
Lab No.: 6042713 Client No.: 13	Location: 2nd Floor-Boy's Lav., 9-24-16	Result(ppb): 4.60
Lab No.: 6042714 Client No.: 14	Location: 2nd Floor-Boy's Lav., 9-24-16	Result(ppb): 9.30
Lab No.: 6042715 Client No.: 15	Location: 2nd Floor-224 Drinking, 9-24-16	Result(ppb): <2.00
Lab No.: 6042716 Client No.: 16	Location: 2nd Floor-222, 9-24-16	Result(ppb): 53.6
Lab No.: 6042717 Client No.: 17	Location: 2nd Floor-218A Library Work, 9-24-16	Result(ppb): 19.4
Lab No.: 6042718 Client No.: 18	Location: 2nd Floor-216, 9-24-16	Result(ppb): 4.10
Lab No.: 6042719 Client No.: 19	Location: 2nd Floor-219, 9-24-16	Result(ppb): 2.50
Lab No.: 6042720 Client No.: 20	Location: 2nd Floor-217, 9-24-16	Result(ppb): 3.00

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

Date Received: 9/28/2016
Date Analyzed: 11/02/2016
Signature: 
Analyst: Chad Shaffer

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Stohl Environmental
4169 Allendale Pkwy; Suite 100
Blasdell NY 14219

Report Date: 11/2/2016
Report No.: 520645 - Lead Water
Project: Pioneer Central School - Arcade Elementary
Project No.:

Client: STO708

LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.:6042721
Client No.:21

Location:2nd Floor-215, 9-24-16

Result(ppb): 25.0

Lab No.:6042722
Client No.:22

Location:2nd Floor-Men's ADA Bath, 9-24-16 **Result(ppb):** <2.00

Lab No.:6042723
Client No.:23

Location:2nd Floor-Woman's ADA Bath, 9-24-16 **Result(ppb):** 2.00

Lab No.:6042724
Client No.:24

Location:2nd Floor-Janitor's Closet, 9-24-16 **Result(ppb):** <2.00

Lab No.:6042725
Client No.:25

Location:2nd Floor-Drinking Fountain, 9-24-16 **Result(ppb):** <2.00

Lab No.:6042726
Client No.:26

Location:2nd Floor-211, 9-24-16 **Result(ppb):** 2.20

Lab No.:6042727
Client No.:27

Location:2nd Floor-210, 9-24-16

Result(ppb): 22.8

Lab No.:6042728
Client No.:28

Location:2nd Floor-209, 9-24-16 **Result(ppb):** 2.70


Lab No.:6042729
Client No.:29


Location:2nd Floor-208, 9-24-16 **Result(ppb):** <2.00

Lab No.:6042730
Client No.:30

Location:2nd Floor-Drinking Fountain, 9-24-16 **Result(ppb):** 2.70

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

Date Received: 9/28/2016
Date Analyzed: 11/02/2016
Signature: 
Analyst: Chad Shaffer

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Stohl Environmental
4169 Allendale Pkwy; Suite 100
Blasdell NY 14219

Report Date: 11/2/2016
Report No.: 520645 - Lead Water
Project: Pioneer Central School - Arcade Elementary
Project No.:

Client: STO708

LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.:6042731 **Location:**2nd Floor-Drinking Fountain, 9-24-16 **Result(ppb):** <2.00
Client No.:31

Lab No.:6042732 **Location:**2nd Floor-207, 9-24-16 **Result(ppb):** 4.20
Client No.:32

Lab No.:6042733 **Location:**Sample Not Received **Result(ppb):** Sample Not Received
Client No.:33

Lab No.:6042734 **Location:**2nd Floor-205, 9-29-16 **Result(ppb):** 9.00
Client No.:34

Lab No.:6042735 **Location:**2nd Floor-204, 9-24-16 **Result(ppb):** 2.80
Client No.:35

Lab No.:6042736 **Location:**2nd Floor-203, 9-24-16 **Result(ppb):** 11.5
Client No.:36


Lab No.:6042737 **Location:**2nd Floor-202, 9-24-16 **Result(ppb):** 12.1
Client No.:37


Lab No.:6042738 **Location:**2nd Floor-201, 9-24-16 **Result(ppb):** 6.20
Client No.:38

Lab No.:6042739 **Location:**2nd Floor-Drinking Fountain, 9-24-16 **Result(ppb):** <2.00
Client No.:39

Lab No.:6042740 **Location:**2nd Floor-Girl's ADA Bath, 9-24-16 **Result(ppb):** 4.80
Client No.:40

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Date Received: 9/28/2016
Date Analyzed: 11/02/2016
Signature: 
Analyst: Chad Shaffer

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Stohl Environmental
4169 Allendale Pkwy; Suite 100
Blasdell NY 14219

Report Date: 11/2/2016
Report No.: 520645 - Lead Water
Project: Pioneer Central School - Arcade Elementary
Project No.:

Client: STO708

LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.:6042741 **Location:**2nd Floor-Girl's ADA Bath, 9-24-16 **Result(ppb):** 6.20
Client No.:41

Lab No.:6042742 **Location:**2nd Floor-Girl's ADA Bath, 9-24-16 **Result(ppb):** 6.00
Client No.:42

Lab No.:6042743 **Location:**2nd Floor-Boy's ADA Bath, 9-24-16 **Result(ppb):** 5.10
Client No.:43

Lab No.:6042744 **Location:**2nd Floor-Boy's ADA Bath, 9-24-16 **Result(ppb):** 4.40
Client No.:44

Lab No.:6042745 **Location:**2nd Floor-Boy's ADA Bath, 9-24-16 **Result(ppb):** 3.40
Client No.:45

Lab No.:6042746 **Location:**2nd Floor-2A33 Rm 206; Additional **Result(ppb):** 4.90
Client No.:46 Sample Received, 9-24-16

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

Date Received: 9/28/2016

Date Analyzed: 11/02/2016

Signature: 

Analyst: Chad Shaffer

Approved By: 

Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Stohl Environmental
4169 Allendale Pkwy; Suite 100
Blasdell NY 14219

Report Date: 11/2/2016
Report No.: 520645 - Lead Water
Project: Pioneer Central School - Arcade Elementary
Project No.:

Client: STO708

Appendix to Analytical Report:

Customer Contact: Lab Results Final
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.

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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.

CERTIFICATE OF ANALYSIS

Client: Stohl Environmental
4169 Allendale Pkwy; Suite 100
Blasdell NY 14219

Report Date: 10/17/2016
Report No.: 520646 - Lead Water
Project: Pioneer Central School - Arcade Elementary
Project No.:

Client: STO708

LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.:6042747 **Location:**3rd Floor-312, 9-24-16 **Result(ppb):** <2.00
Client No.:1

Lab No.:6042748 **Location:**3rd Floor-311, 9-24-16 **Result(ppb):** <2.00
Client No.:2

Lab No.:6042749 **Location:**3rd Floor-Boy's Lav., 9-24-16 **Result(ppb):** 2.30
Client No.:3

Lab No.:6042750 **Location:**3rd Floor 9-24-16 **Result(ppb):** 2.00
Client No.:4

Lab No.:6042751 **Location:**3rd Floor-Girl's Lav., 9-24-16 **Result(ppb):** 3.60
Client No.:5

Lab No.:6042752 **Location:**3rd Floor, 9-24-16 **Result(ppb):** 5.00
Client No.:6


Lab No.:6042753 **Location:**3rd Floor-Custodial Closet, 9-24-16 **Result(ppb):** 5.00
Client No.:22


Lab No.:6042754 **Location:**3rd Floor-310, 9-24-16 **Result(ppb):** <2.00
Client No.:7

Lab No.:6042755 **Location:**3rd Floor-309, 9-24-16 **Result(ppb):** <2.00
Client No.:8

Lab No.:6042756 **Location:**3rd Floor-308, 9-24-16 **Result(ppb):** <2.00
Client No.:9

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

Date Received: 9/28/2016
Date Analyzed: 10/17/2016
Signature: 
Analyst: Chad Shaffer

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Stohl Environmental
4169 Allendale Pkwy; Suite 100
Blasdell NY 14219

Report Date: 10/17/2016
Report No.: 520646 - Lead Water
Project: Pioneer Central School - Arcade Elementary
Project No.:

Client: STO708

LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.:6042757 **Location:**3rd Floor,Drinking Fountain 9-24-16 **Result(ppb):** <2.00
Client No.:10

Lab No.:6042758 **Location:**3rd Floor-307, 9-24-16 **Result(ppb):** <2.00
Client No.:11

Lab No.:6042759 **Location:**3rd Floor-Faculty Bathroom, 9-24-16 **Result(ppb):** 2.30
Client No.:12

Lab No.:6042760 **Location:**3rd Floor-306, 9-24-16 **Result(ppb):** <2.00
Client No.:13

Lab No.:6042761 **Location:**3rd Floor-305, 9-24-16 **Result(ppb):** <2.00
Client No.:14

Lab No.:6042762 **Location:**3rd Floor-304, 9-24-16 **Result(ppb):** <2.00
Client No.:15

Lab No.:6042763 **Location:**3rd Floor-303, 9-24-16 **Result(ppb):** <2.00
Client No.:16

Lab No.:6042764 **Location:**3rd Floor-Drinking Fountain, 9-24-16 **Result(ppb):** <2.00
Client No.:17

Lab No.:6042765 **Location:**3rd Floor-302, 9-24-16 **Result(ppb):** <2.00
Client No.:18

Lab No.:6042766 **Location:**3rd Floor-301, 9-24-16 **Result(ppb):** <2.00
Client No.:19

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

Date Received: 9/28/2016

Date Analyzed: 10/17/2016

Signature: 

Analyst: Chad Shaffer

Approved By: 

Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

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4169 Allendale Pkwy; Suite 100
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Report Date: 10/17/2016
Report No.: 520646 - Lead Water
Project: Pioneer Central School - Arcade Elementary
Project No.:

Client: STO708

LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.:6042767
Client No.:20

Location:3rd Floor-314, 9-24-16

Result(ppb): <2.00

Lab No.:6042768
Client No.:21

Location:3rd Floor-313, 9-24-16

Result(ppb): <2.00

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

Date Received: 9/28/2016

Date Analyzed: 10/17/2016

Signature: 

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Approved By: 

Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

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Project: Pioneer Central School - Arcade Elementary
Project No.:

Client: STO708

Appendix to Analytical Report:

Customer Contact: Lab Results Final
Analysis: AAS-GF - ASTM D3559-08D, USEPA 40CFR 141.11B, 2010

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ENVIRONMENTAL CONSULTANTS

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Buffalo, New York 14219
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