

March 17, 2017

City School District of the City of Niagara Falls
Attn: Joe Giarrizzo
Director of Facilities
630 – 66th Street
Niagara Falls, NY 14304

Re: Follow-Up Sampling of Drinking Water for Lead Concentrations

Dear Mr. Giarrizzo:

Included with this letter is Stohl Environmental LLC's report for the follow-up Water Sampling performed at the educational buildings of the City School District of the City of Niagara Falls, including:

- Niagara Falls High School, 4455 Porter Road, Niagara Falls, New York

This report 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)".

Initial Sampling and Analysis: In Compliance with NYS regulations, initial first draw water sampling was completed on 10/8/2016 and 36 samples were identified as containing lead concentrations above the NYS Action Level of 15 ppb.

Mitigation by District and Follow-up Sampling by Stohl Environmental LLC:

- Following the receipt of initial sampling results, in accordance with guidance received from NYS, the District is reported to have prohibited use of the outlets analyzed as above the NYS Action Level of 15 ppb until "(1) a lead remediation plan is implemented... and (2) test results indicate that the lead levels are at or below the action level".
- Subsequent to reported mitigation by the District, Stohl Environmental LLC was requested to perform follow-up sampling and laboratory analysis.
- Follow-up sampling was performed by Stohl Environmental LLC in accordance with the requirements and protocols outlined in NYS regulations, as well as USEPA Technical Guidance Document "3-T's for Reducing Lead in Drinking Water in Schools".

Results of Follow-up Sampling: As further detailed in Section 1.2 (*Executive Summary*) of the accompanying report, based upon the follow-up sampling and analysis performed, the following is reported:

- **Follow-up First Draw Samples:** Following remediation by the District, or for confirmatory purposes, 36 outlets were re-sampled on 2/4/2017 and 2/22/2017 then analyzed by a certified and independent laboratory. **Of the 36 samples collected, 31 of these follow-up samples contained lead concentrations above the action level.**

Interpretation of First Draw Sampling Results: Under NYSDOH regulations Section 67-4.4, for the outlets that continue to have First Draw test results above the NYS action level, the District must “prohibit use of the outlet until lead remediation is implemented and (First Draw) test results indicate that lead levels are at or below the action level.”

- **Flush Samples:** As additional confirmation of lead concentrations, and in an attempt to determine whether lead concentrations above the action level result from the outlet/fixture or from the plumbing to the outlet, 36 flush samples were also collected from these same outlets on 2/4/2017 and 2/22/2017 then submitted to and analyzed by a certified and independent laboratory. **Of the 36 samples collected, 4 of these flush samples contained lead concentrations above the action level.**

Interpretation of Flush Sampling Results: As detailed in EPA guidance (“3T’s for Reducing Lead in Drinking Water in Schools”), *“If initial test results reveal lead concentrations greater than (the action level) for a given outlet, follow-up flush testing... is recommended to determine if the lead contamination results are from the fixture or from the plumbing.”*

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Based upon this guidance,

- (4) outlets tested on 2/7/17 and 2/22/17 had First Draw lead concentrations at or below the NYS Action Level; therefore, under NYS regulations, the outlets may be cleared for use.
- (28) outlets tested on 2/4/2017 and 2/22/2017 continue to have First Draw Sample lead concentrations above the NYS Action Level; the Flush Sample results infer that the source of lead at these outlets is the fixture, rather than the plumbing to the fixture. These outlets should not be used until remediation is performed and satisfactory laboratory results are received.
- (3) outlets tested on 2/4/2017 and 2/22/2017 continue to have concentrations above the action level for both the Follow-up First Draw and Flush Samples. Results infer that the source of lead for these outlets could be the fixture and/or the plumbing. These outlets should not be used until remediation is performed and satisfactory laboratory results are received.
- (1) outlet tested on 2/4/2017 and 2/22/2017 had a First Draw lead concentration below the action level with Flush Sample lead concentrations above the action level. Results infer that the source of lead for this outlet may be the plumbing. Because of the conflicting laboratory results, it is recommended that this outlet not be used until further investigation and sampling is performed.

Thank you for the opportunity to be of service to City School District of the City of Niagara Falls.

Sincerely,
Stohl Environmental, LLC.



Eric Henderson
Project Manager

**Follow-Up Investigation and Sampling
Of Sources of Potable Water
For Lead Concentrations**

Prepared for:

**City School District of the City of Niagara Falls
Attn: Joe Giarrizzo
Director of Facilities
630 – 66th Street
Niagara Falls, NY 14304**

Prepared by:



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Conditions as of February 4 and 22, 2017



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Summary Tabulation

Lead in Drinking Water Investigation

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- 1.6. Chains of Custody

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1.1 Sampling Protocol and Summary of Results:

Stohl Environmental was retained by City School District of the City of Niagara Falls to perform follow-up sampling and analysis of potable water outlets that were identified in report dated 1/24/2017 as having lead concentrations greater than the NYS action level of 15 ppb. Sampling was performed in the following buildings:

- Niagara Falls High School, 4455 Porter Road, Niagara Falls, New York

Scope of Work:

Stohl Environmental was charged with collecting follow-up water samples from outlets which previously were analyzed as having lead concentrations above 15 ppb in Niagara Falls High School. Outlets are defined in NYS regulations as: "a potable water fixture currently or potentially used for drinking or cooking purposes, including but not limited to a bubbler, drinking fountain, or faucets".

Sampling Protocol:

In accordance with NYS regulations, *Subpart 67-4: Lead Testing in School Drinking Water*, and the EPA guidance document, *'3Ts for Reducing Lead in Drinking Water in Schools'*, Stohl Environmental's protocol can be summarized as follows:

- **Follow-up Samples** were collected to verify initial findings of lead contaminations, to assist in problem assessment to determine remediation, and/or verify that lead levels are at or below action level post-remediation. Confirmatory samples were collected as follows:
 - **Follow-up First-Draw samples** of 250 milliliters (mL) were collected from cold water outlets before any water was used. Sampling was coordinated with District representatives to assure that water was motionless in the pipes for a minimum of 8 hours, but not more than 18 hours before sample collection.
 - **To supplement follow-up first draw samples, in some instances, Flush samples** of 250 mL were collected from cold water outlets after the outlet was run for 30 seconds before any water was used or following a second first-draw sample at the same outlet. Sampling was coordinated with District representatives to assure that water was motionless in the pipes for a minimum of 8 hours, but not more than 18 hours before sample collection.
 - **Laboratory Analysis:** Samples were submitted following strict chain-of-custody protocols to an independent laboratory approved by the NYS Department of Health's Environmental Laboratory Approval Program (ELAP).

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1.2 Executive Summary of Sampling and Analysis:

Total Number of Samples Collected by Building Classified by Initial First Draw & Follow-up Samples

Building Name	Date of Sample Events	Total Number Samples Collected	Initial First Draw Samples		Follow-up Samples**			
			Analyzed at or Below Action Level of 15 ppb	Analyzed Above Action Level of 15 ppb	First Draw Samples		Flush Samples	
					Analyzed at or Below Action Level of 15 ppb	Analyzed Above Action Level of 15 ppb	Analyzed at or Below Action Level of 15 ppb	Analyzed Above Action Level of 15 ppb
Niagara Falls High School	10/8/2016, 2/4/2017, and 2/22/2017	450	342	36	5	31	32	4

**Follow-up samples are samples collected subsequent to "Step1" First Draw samples to verify initial findings of lead contamination, to assist in problem assessment to determine remediation and/or verify that lead levels are at or below action level post-remediation.

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Sample Results: Initial First Draw, Follow-up First Draw and Flush Samples

Sample #	Sample Type (Initial First Draw, Follow-up First Draw or Flush)	Sample Location	Fixture / Outlet type	Laboratory Analysis in ppb
111.11-174	First Draw	Copy Room	Sink	15.7
111.11-174-1	Follow-Up First Draw	Copy Room	Sink	23.2
111.11-174-2	Flush	Copy Room	Sink	<2.00
111.11-189	First Draw	Room 131 (hood, east side of room)	Sink	59.2
111.11-189-1	Follow-Up First Draw	Room 131 (hood, east side of room)	Sink	154
111.11-189-2	Flush	Room 131 (hood, east side of room)	Sink	<2.00
111.11-1	First Draw	Room 141 (hood, north side of room)	Sink	54.1
111.11-1-1	Follow-Up First Draw	Room 141 (hood, north side of room)	Sink	306
111.11-1-2	Flush	Room 141 (hood, north side of room)	Sink	3.50
111.11-29	First Draw	Room 111 (hood)	Sink	106
111.11-29-1	Follow-Up First Draw	Room 111 (hood)	Sink	496
111.11-29-2	Flush	Room 111 (hood)	Sink	26.4
111.11-35	First Draw	Room 111 (back room)	Sink	49.0
111.11-35-1	Follow-Up First Draw	Room 111 (back room)	Sink	118
111.11-35-2	Flush	Room 111 (back room)	Sink	5.60
111.11-44	First Draw	Room 121	Sink	293
111.11-44-1	Follow-Up First Draw	Room 121	Sink	90.7
111.11-44-2	Flush	Room 121	Sink	6.10
111.11-51	First Draw	Exterior of Room 115	Hose Bib	16.5
111.11-51-1	Follow-Up First Draw	Exterior of Room 115	Hose Bib	92.7
111.11-51-2	Flush	Exterior of Room 115	Hose Bib	3.90
111.11-52	First Draw	Exterior of Room 117	Hose Bib	23.1
111.11-52-1	Follow-Up First Draw	Exterior of Room 117	Hose Bib	55.6
111.11-52-2	Flush	Exterior of Room 117	Hose Bib	3.00

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Sample Results: Initial First Draw, Follow-up First Draw and Flush Samples Continued

Sample #	Sample Type (Initial First Draw, Follow-up First Draw or Flush)	Sample Location	Fixture/Outlet type	Laboratory Analysis in ppb
111.11-53	First Draw	Exterior of Room 116	Hose Bib	17.0
111.11-53-1	Follow-Up First Draw	Exterior of Room 116	Hose Bib	54.0
111.11-53-2	Flush	Exterior of Room 116	Hose Bib	<2.00
111.11-54	First Draw	Exterior of Room 122	Hose Bib	140
111.11-54-1	Follow-Up First Draw	Exterior of Room 122	Hose Bib	8.00
111.11-54-2	Flush	Exterior of Room 122	Hose Bib	4.10
111.11-55	First Draw	Exterior of Room 126	Hose Bib	47.9
111.11-55R	Follow-Up First Draw	Exterior of Room 126	Hose Bib	490
111.11-55F	Flush	Exterior of Room 126	Hose Bib	2.50
111.11-56	First Draw	Exterior of Room 127	Hose Bib	278
111.11-56-1	Follow-Up First Draw	Exterior of Room 127	Hose Bib	26.6
111.11-56-2	Flush	Exterior of Room 127	Hose Bib	200
111.11-57	First Draw	Exterior of Room 121	Hose Bib	109
111.11-57R	Follow-Up First Draw	Exterior of Room 121	Hose Bib	189
111.11-57F	Flush	Exterior of Room 121	Hose Bib	2.40
111.11-58	First Draw	Exterior of Room 137	Hose Bib	205
111.11-58-1	Follow-Up First Draw	Exterior of Room 137	Hose Bib	295
111.11-58-2	Flush	Exterior of Room 137	Hose Bib	8.00
111.11-59	First Draw	Exterior of Room 136	Hose Bib	34.4
111.11-59R	Follow-Up First Draw	Exterior of Room 136	Hose Bib	715
111.11-59F	Flush	Exterior of Room 136	Hose Bib	2.00
111.11-60	First Draw	Exterior of Door 8	Hose Bib	221
111.11-60-1	Follow-Up First Draw	Exterior of Door 8	Hose Bib	228
111.11-60-2	Flush	Exterior of Door 8	Hose Bib	34.6
111.11-61	First Draw	Exterior of Room 146	Hose Bib	100
111.11-61R	Follow-Up First Draw	Exterior of Room 146	Hose Bib	52.0
111.11-61F	Flush	Exterior of Room 146	Hose Bib	4.90

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Sample Results: Initial First Draw, Follow-up First Draw and Flush Samples Continued

Sample #	Sample Type (Initial First Draw, Follow-up First Draw or Flush)	Sample Location	Fixture/Outlet type	Laboratory Analysis in ppb
111.11-62	First Draw	Exterior of Room 147	Hose Bib	318
111.11-62-1	Follow-Up First Draw	Exterior of Room 147	Hose Bib	17.5
111.11-62-2	Flush	Exterior of Room 147	Hose Bib	2.50
111.11-63	First Draw	Exterior of Door	Hose Bib	50.7
111.11-63-1	Follow-Up First Draw	Exterior of Door	Hose Bib	332
111.11-63-2	Flush	Exterior of Door	Hose Bib	3.30
111.11-65	Water Main Flush	Water Main	Hot Box	63.3
111.11-65-1	Follow-Up First Draw	Water Main	Hot Box	<2.00
111.11-65-2	Flush	Water Main	Hot Box	<2.00
111.11-229	First Draw	Room 211 (hood)	Sink	98.5
111.11-229-1	Follow-Up First Draw	Room 211 (hood)	Sink	23.0
111.11-229-2	Flush	Room 211 (hood)	Sink	2.10
111.11-245	First Draw	Room 221 (hood)	Sink	29.5
111.11-245-1	Follow-Up First Draw	Room 221 (hood)	Sink	76.5
111.11-245-2	Flush	Room 221 (hood)	Sink	3.90
111.11-253	First Draw	Room 260	Sink	36.4
111.11-253-1	Follow-Up First Draw	Room 260	Sink	56.8
111.11-253-2	Flush	Room 260	Sink	5.40
111.11-267	First Draw	Room 231 (hood)	Sink	87.6
111.11-267-1	Follow-Up First Draw	Room 231 (hood)	Sink	33.5
111.11-267-2	Flush	Room 231 (hood)	Sink	12.9
111.11-273	First Draw	Room 231(back room)	Sink	16.0
111.11-273-1	Follow-Up First Draw	Room 231(back room)	Sink	270
111.11-273-2	Flush	Room 231(back room)	Sink	2.80
111.11-329	First Draw	Room 331(hood)	Sink	46.5
111.11-329-1	Follow-Up First Draw	Room 331(hood)	Sink	58.0
111.11-329-2	Flush	Room 331(hood)	Sink	<2.00

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Sample Results: Initial First Draw, Follow-up First Draw and Flush Samples Continued

Sample #	Sample Type (Initial First Draw, Follow-up First Draw or Flush)	Sample Location	Fixture / Outlet type	Laboratory Analysis in ppb
111.11-340	First Draw	Faculty Women's Restroom near Room 320	Sink	18.6
111.11-340-1	Follow-Up First Draw	Faculty Women's Restroom near Room 320	Sink	<2.00
111.11-340-2	Flush	Faculty Women's Restroom near Room 320	Sink	<2.00
111.11-341	First Draw	Room 320 (hood)	Sink	31.5
111.11-341-1	Follow-Up First Draw	Room 320 (hood)	Sink	16.6
111.11-341-2	Flush	Room 320 (hood)	Sink	2.50
111.11-354	First Draw	Room 311 Storage	Sink	37.2
111.11-354-1	Follow-Up First Draw	Room 311 Storage	Sink	59.2
111.11-354-2	Flush	Room 311 Storage	Sink	<2.00
111.11-359	First Draw	Room 321 (left side window sink)	Sink	291
111.11-359-1	Follow-Up First Draw	Room 321 (left side window sink)	Sink	<2.00
111.11-359-2	Flush	Room 321 (left side window sink)	Sink	<2.00
111.11-362	First Draw	Room 321 (center left door sink)	Sink	16.8
111.11-362-1	Follow-Up First Draw	Room 321 (center left door sink)	Sink	25.8
111.11-362-2	Flush	Room 321 (center left door sink)	Sink	<2.00
111.11-363	First Draw	Room 321 (hood)	Sink	16.7
111.11-363-1	Follow-Up First Draw	Room 321 (hood)	Sink	44.0
111.11-363-2	Flush	Room 321 (hood)	Sink	3.20
111.11-410	First Draw	Room 441 (hood)	Sink	71.2
111.11-410-1	Follow-Up First Draw	Room 441 (hood)	Sink	83.4
111.11-410-2	Flush	Room 441 (hood)	Sink	<2.00
111.11-431	First Draw	Room 440 (hood)	Sink	115
111.11-431-1	Follow-Up First Draw	Room 440 (hood)	Sink	23.4
111.11-431-2	Flush	Room 440 (hood)	Sink	5.50

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Sample Results: Initial First Draw, Follow-up First Draw and Flush Samples Continued

Sample #	Sample Type (Initial First Draw, Follow-up First Draw or Flush)	Sample Location	Fixture / Outlet type	Laboratory Analysis in ppb
111.11-435	First Draw	Room 431, prep room sink	Sink	152
111.11-435-1	Follow-Up First Draw	Room 431, prep room sink	Sink	4.80
111.11-435-2	Flush	Room 431, prep room sink	Sink	38.6
111.11-455	First Draw	Room 421 (hood)	Sink	45.6
111.11-455-1	Follow-Up First Draw	Room 421 (hood)	Sink	35.2
111.11-455-2	Flush	Room 421 (hood)	Sink	<2.00

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 one (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 ten (10) business days after the school received the laboratory report.



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1.4 Laboratory Analytical Reports by Building

CERTIFICATE OF ANALYSIS

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

Report Date: 2/20/2017
Report No.: 529623 - Lead Water
Project: Niagara Falls High School
Project No.: 2016L-111.11

Client: STO708

LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.:6147778 **Location:**Copy Rm-S **Result(ppb):**23.2
Client No.:111.11-174-1

Lab No.:6147779 **Location:**Rm 131 Hood-S **Result(ppb):**154
Client No.:111.11-189-1

Lab No.:6147780 **Location:**Rm 141 Hood-S **Result(ppb):**306
Client No.:111.11-1

Lab No.:6147781 **Location:**Rm 111 Hood-S **Result(ppb):**496
Client No.:111.11-29-1

Lab No.:6147782 **Location:**Rm 111 Back Rm-S **Result(ppb):**118
Client No.:111.11-35-1


Lab No.:6147783 **Location:**Rm 121-S **Result(ppb):**90.7
Client No.:111.11-44-1


Lab No.:6147784 **Location:**Ext. Rm 115-HB **Result(ppb):**92.7
Client No.:111.11-51-1

Lab No.:6147785 **Location:**Ext. Rm 117-HB **Result(ppb):**55.6
Client No.:111.11-52-1

Lab No.:6147786 **Location:**Ext. Rm 116-HB **Result(ppb):**54.0
Client No.:111.11-53-1

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

Date Received: 2/13/2017
Date Analyzed: 02/20/2017
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: 2/20/2017
Report No.: 529623 - Lead Water
Project: Niagara Falls High School
Project No.: 2016L-111.11

Client: STO708

LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.:6147787 **Location:**Ext. Rm 122-HB **Result(ppb):**8.00
Client No.:111.11-54-1

Lab No.:6147788 **Location:**Ext. Rm 127-HB **Result(ppb):**26.6
Client No.:111.11-56-1

Lab No.:6147789 **Location:**Ext. Rm 137-HB **Result(ppb):**295
Client No.:111.11-58-1
Note: Sample turbidity >1.0 NTU. Does not meet Federal and NJ State Primary and Secondary Drinking Water Standards.

Lab No.:6147790 **Location:**Ext. Door 8-HB **Result(ppb):**228
Client No.:111.11-60-1

Lab No.:6147791 **Location:**Ext. Rm 147-HB **Result(ppb):**17.5
Client No.:111.11-62-1


Lab No.:6147792 **Location:**Exterior Door Near Rm 141-HB **Result(ppb):**332
Client No.:111.11-63-1


Lab No.:6147793 **Location:**Water Main Flush-Hot Box **Result(ppb):**<2.00
Client No.:111.11-65-1

Lab No.:6147794 **Location:**Rm 211 Hood-S **Result(ppb):**23.0
Client No.:111.11-229-1

Lab No.:6147795 **Location:**Rm 221 Hood-S **Result(ppb):**76.5
Client No.:111.11-245-1

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

Date Received: 2/13/2017
Date Analyzed: 02/20/2017
Signature: 
Analyst: Chad Shaffer

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Stohl Environmental
4169 Allendale Pkwy; Suite 100
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Client: STO708

LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.:6147796 **Location:**Rm 260-S **Result(ppb):**56.8
Client No.:111.11-253-1

Lab No.:6147797 **Location:**Rm 231 Hood-S **Result(ppb):**33.5
Client No.:111.11-267-1

Lab No.:6147798 **Location:**Rm 231 Back Rm-S **Result(ppb):**270
Client No.:111.11-273-1

Lab No.:6147799 **Location:**Rm 331 Hood-S **Result(ppb):**58.0
Client No.:111.11-329-1

Lab No.:6147800 **Location:**Faculty W. Bath Near Rm 320-S **Result(ppb):**<2.00
Client No.:111.11-340-1


Lab No.:6147801 **Location:**Rm 320 Hood-S **Result(ppb):**16.6
Client No.:111.11-341-1


Lab No.:6147802 **Location:**Rm 311 Storage-S **Result(ppb):**59.2
Client No.:111.11-354-1

Lab No.:6147803 **Location:**Rm 321 Left Side Window Sink-S **Result(ppb):**<2.00
Client No.:111.11-359-1

Lab No.:6147804 **Location:**Rm 321 Center Left Door Sink-S **Result(ppb):**25.8
Client No.:111.11-362-1

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

Date Received: 2/13/2017
Date Analyzed: 02/20/2017
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: 2/20/2017
Report No.: 529623 - Lead Water
Project: Niagara Falls High School
Project No.: 2016L-111.11

Client: STO708

LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.:6147805 **Location:**Rm 321 Hood-S **Result(ppb):**44.0
Client No.:111.11-363-1

Lab No.:6147806 **Location:**Rm 441 Hood-S **Result(ppb):**83.4
Client No.:111.11-410-1

Lab No.:6147807 **Location:**Rm 440 Hood-S **Result(ppb):**23.4
Client No.:111.11-431-1

Lab No.:6147808 **Location:**Rm 431 Prep Room Sink-S **Result(ppb):**4.80
Client No.:111.11-435-1

Lab No.:6147809 **Location:**Rm 421 Hood-S **Result(ppb):**35.2
Client No.:111.11-455-1


Lab No.:6147810 **Location:**Copy Rm-S **Result(ppb):**<2.00
Client No.:111.11-174-2


Lab No.:6147811 **Location:**Rm 131 Hood-S **Result(ppb):**<2.00
Client No.:111.11-189-2

Lab No.:6147812 **Location:**Rm 141 Hood-S **Result(ppb):**3.50
Client No.:111.11-1-2

Lab No.:6147813 **Location:**Rm 111 Hood-S **Result(ppb):**26.4
Client No.:111.11-29-2

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

Date Received: 2/13/2017
Date Analyzed: 02/20/2017
Signature: 
Analyst: Chad Shaffer

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Stohl Environmental
4169 Allendale Pkwy; Suite 100
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Report Date: 2/20/2017
Report No.: 529623 - Lead Water
Project: Niagara Falls High School
Project No.: 2016L-111.11

Client: STO708

LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.:6147814 **Location:**Rm 111 Back Rm-S **Result(ppb):**5.60
Client No.:111.11-35-2

Lab No.:6147815 **Location:**Rm 121-S **Result(ppb):**6.10
Client No.:111.11-44-2

Lab No.:6147816 **Location:**Ext. Rm 115-HB **Result(ppb):**3.90
Client No.:111.11-51-2

Lab No.:6147817 **Location:**Ext. Rm 117-HB **Result(ppb):**3.00
Client No.:111.11-52-2

Lab No.:6147818 **Location:**Ext. Rm 116-HB **Result(ppb):**<2.00
Client No.:111.11-53-2


Lab No.:6147819 **Location:**Ext. Rm 122-HB **Result(ppb):**4.10
Client No.:111.11-54-2

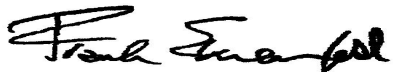
Lab No.:6147820 **Location:**Ext. Rm 127-HB **Result(ppb):**200
Client No.:111.11-56-2

Lab No.:6147821 **Location:**Ext. Rm 137-HB **Result(ppb):**8.00
Client No.:111.11-58-2

Lab No.:6147822 **Location:**Ext. Door 8-HB **Result(ppb):**34.6
Client No.:111.11-60-2

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

Date Received: 2/13/2017
Date Analyzed: 02/20/2017
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: 2/20/2017
Report No.: 529623 - Lead Water
Project: Niagara Falls High School
Project No.: 2016L-111.11


Client: STO708

LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.: 6147823 Client No.: 111.11-62-2	Location: Ext. Rm 147-HB	Result(ppb): 2.50
Lab No.: 6147824 Client No.: 111.11-63-2	Location: Exterior Door Near Rm 141-HB	Result(ppb): 3.30
Lab No.: 6147825 Client No.: 111.11-65-2	Location: Water Main Flush-Hot Box	Result(ppb): <2.00
Lab No.: 6147826 Client No.: 111.11-229-2	Location: Rm 211 Hood-S	Result(ppb): 2.10
Lab No.: 6147827 Client No.: 111.11-245-2	Location: Rm 221 Hood-S	Result(ppb): 3.90
Lab No.: 6147828 Client No.: 111.11-253-2	Location: Rm 260-S	Result(ppb): 5.40
Lab No.: 6147829 Client No.: 111.11-267-2	Location: Rm 231 Hood-S	Result(ppb): 12.9
Lab No.: 6147830 Client No.: 111.11-273-2	Location: Rm 231 Back Rm-S	Result(ppb): 2.80
Lab No.: 6147831 Client No.: 111.11-329-2	Location: Rm 331 Hood-S	Result(ppb): <2.00

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

Date Received: 2/13/2017
Date Analyzed: 02/20/2017
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: 2/20/2017
Report No.: 529623 - Lead Water
Project: Niagara Falls High School
Project No.: 2016L-111.11

Client: STO708

LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.:6147832 **Location:**Faculty W. Bath Near Rm 320-S **Result(ppb):**<2.00
Client No.:111.11-340.2

Lab No.:6147833 **Location:**Rm 320 Hood-S **Result(ppb):**2.50
Client No.:111.11-341-2

Lab No.:6147834 **Location:**Rm 311 Storage-S **Result(ppb):**<2.00
Client No.:111.11-354-2

Lab No.:6147835 **Location:**Rm 311 Left Side Window Sink-S **Result(ppb):**<2.00
Client No.:111.11-359-2

Lab No.:6147836 **Location:**Rm 312 Center Left Door Sink-S **Result(ppb):**<2.00
Client No.:111.11-362-2


Lab No.:6147837 **Location:**Rm 321 Hood-S **Result(ppb):**3.20
Client No.:111.11-363-2


Lab No.:6147838 **Location:**Rm 441 Hood-S **Result(ppb):**<2.00
Client No.:111.11-410-2

Lab No.:6147839 **Location:**Rm 440 Hood-S **Result(ppb):**5.50
Client No.:111.11-431-2

Lab No.:6147840 **Location:**Rm 431 Prep Room Sink-S **Result(ppb):**38.6
Client No.:111.11-435-2

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

Date Received: 2/13/2017
Date Analyzed: 02/20/2017
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: 2/20/2017
Report No.: 529623 - Lead Water
Project: Niagara Falls High School
Project No.: 2016L-111.11

Client: STO708


LEAD WATER SAMPLE ANALYSIS SUMMARY


Lab No.: 6147841
Client No.: 111.11-455-2

Location: Room 421 Hood-S

Result(ppb): <2.00

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

Date Received: 2/13/2017
Date Analyzed: 02/20/2017
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: 2/20/2017
Report No.: 529623 - Lead Water
Project: Niagara Falls High School
Project No.: 2016L-111.11

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: 3/1/2017
Report No.: 530571 - Lead Water
Project: N.F. High School
Project No.: 2016L-111.11

Client: STO708

LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.:6159618 **Location:**Ext. Rm 126, HB **Result(ppb):**790
Client No.:111.11-55R
Note: Sample turbidity >1.0 NTU. Does not meet Federal and NJ State Primary and Secondary Drinking Water Standards.

Lab No.:6159619 **Location:**Ext. Rm 121, HB **Result(ppb):**189
Client No.:111.11-57R

Lab No.:6159620 **Location:**Ext. Rm 136, HB **Result(ppb):**715
Client No.:111.11-59R
Note: Sample turbidity >1.0 NTU. Does not meet Federal and NJ State Primary and Secondary Drinking Water Standards.

Lab No.:6159621 **Location:**Ext. Rm 146, HB **Result(ppb):**52.0
Client No.:111.11-61R


Lab No.:6159622 **Location:**Ext. Rm 126, HB **Result(ppb):**2.50
Client No.:111.11-55F


Lab No.:6159623 **Location:**Ext. Rm 121, HB **Result(ppb):**2.40
Client No.:111.11-57F

Lab No.:6159624 **Location:**Ext. Rm 136, HB **Result(ppb):**2.00
Client No.:111.11-59F

Lab No.:6159625 **Location:**Ext. Rm 146, HB **Result(ppb):**4.90
Client No.:111.11-61F

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

Date Received: 2/24/2017
Date Analyzed: 03/01/2017
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: 3/1/2017
Report No.: 530571 - Lead Water
Project: N.F. High School
Project No.: 2016L-111.11

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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iATL Office Manager: cdavis@iatl.com
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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.

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Information Pertinent to this Report:

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- 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.

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Disclaimers / Qualifiers:

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



ENVIRONMENTAL CONSULTANTS

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

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1.5 Laboratory Certifications



Department of Health

ANDREW M. CUOMO
Governor

HOWARD A. ZUCKER, M.D., J.D.
Commissioner

SALLY DRESLIN, M.S., R.N.
Executive Deputy Commissioner

LAB ID: 11021

April 01, 2016

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

Certificate Expiration Date:
April 01, 2017

Dear Mr. Ehrenfeld Iii,

Enclosed are certificate(s) of approval issued to your environmental laboratory for the current permit year. The certificate(s) supersede(s) any previously issued one(s) and is(are) in effect through the expiration date listed. Please carefully examine the certificate(s) to insure that the categories, subcategories, analytes, and methods for which your laboratory is approved are correct. In addition, verify that your laboratory's name, address, lead technical director, and identification number are accurate.

Pursuant to NYCRR Subpart 55-2.2, original certificates must be posted conspicuously in the laboratory and copies shall be made available to any client of the laboratory upon request.

Pursuant to NYCRR Subpart 55-2.6, any misrepresentation of the fields of accreditation (category - method - analyte) for which your laboratory is approved may result in denial, suspension, or revocation of your certification. Any use of the Environmental Laboratory Approval Program (ELAP) or National Environmental Laboratory Accreditation Program (NELAP) name, reference to the laboratory's approval status, and/or using the NELAP logo in any catalogs, advertising, business solicitations, proposals, quotations, laboratory analytical reports, or other materials must include the laboratory's ELAP identification number and distinguish between testing for which the laboratory is approved and testing for which the laboratory is not approved.

If you have any questions, please contact ELAP at the New York State Department of Health (NYS DOH), Wadsworth Center, PO Box 509, Albany NY, 12201-0509; by phone at (518) 485-5570; by facsimile at (518) 485-5568; and by email at elap@health.ny.gov.

Sincerely,

Michael P. Ryan, M.T. (ASCP), Ph.D.
Director, Division of Laboratory Quality Certification
Environmental Laboratory Approval Program

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER



Expires 12:01 AM April 01, 2017
Issued April 01, 2016

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

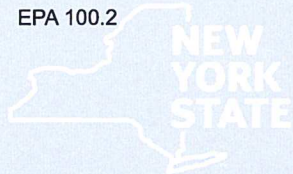
*is hereby APPROVED as an Environmental Laboratory for the category
ENVIRONMENTAL ANALYSES POTABLE WATER
All approved subcategories and/or analytes are listed below:*

Metals I

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

Miscellaneous

Asbestos EPA 100.1
EPA 100.2



Department
of Health

Serial No.: 54134

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.

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER



Expires 12:01 AM April 01, 2017
Issued April 01, 2016

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 SOLID AND HAZARDOUS WASTE
All approved subcategories and/or analytes are listed below:*

Characteristic Testing

TCLP EPA 1311

Metals I

Lead, Total EPA 7000B

Miscellaneous

Asbestos in Friable Material Item 198.1 of Manual
EPA 600/M4/82/020

Asbestos in Non-Friable Material-PLM Item 198.6 of Manual (NOB by PLM)

Asbestos in Non-Friable Material-TEM Item 198.4 of Manual

Lead in Dust Wipes EPA 7000B

Lead in Paint EPA 7000B

Sample Preparation Methods

EPA 3050B

Serial No.: 54135

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.

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER



Expires 12:01 AM April 01, 2017
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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 AIR AND EMISSIONS
All approved subcategories and/or analytes are listed below:*

Metals I

Lead, Total NIOSH 7082

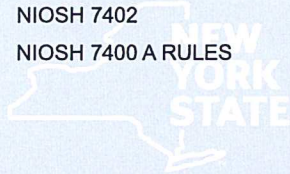
Miscellaneous

Asbestos 40 CFR 763 APXA No. III

NIOSH 7402

Fibers

NIOSH 7400 A RULES



Department
of Health

Serial No.: 54136

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.



ENVIRONMENTAL CONSULTANTS

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Buffalo, New York 14219
(P) 716-312-0070 (F) 716-312-8092
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1.6 Chains of Custody



Chain of Custody Document

Submitted to: (Lab Name) _____

ENVIRONMENTAL CONSULTANTS - A MEMBER OF THE STOHL GROUP OF COMPANIES
4169 ALLENDALE PKWY. BUFFALO, NEW YORK 14219
(716) 312-0070 (716) 312-8092
www.stohlenvironmental.com

STOHL Job # 2016L-111.11

Client: City School District of the City of Niagara Falls Contact: 0

Building: Niagara Falls High School Location: 0

LEAD	
Water by AAS-GF: ASTM D3559-03D, US EPA 200.9	<u>X</u>
	Turnaround <u>5 Days</u>

Sample #	Location	Outlet Type	Time	Cooler Model	Lab ID	Results
111.11-174-1	Copy Rm	S	11:30:00 AM	0	6147778	
111.11-189-1	Rm 131 hood	S	11:35:00 AM	0	6147779	
111.11-1	Rm 141 Hood	S	11:40:00 AM	0	6147780	
111.11-29-1	Rm 111 Hood	S	11:46:00 AM	0	6147781	
111.11-35-1	Rm 111 Back Rm	S	11:46:00 AM	0	6147782	
111.11-44-1	Rm 121	S	11:53:00 AM	0	6147783	
111.11-51-1	Ext. Rm 115	HB	1:15:00 PM	0	6147784	
111.11-52-1	Ext. Rm 117	HB	1:20:00 PM	0	6147785	
111.11-53-1	Ext. Rm 116	HB	1:25:00 PM	0	6147786	
111.11-54-1	Ext. Rm 122	HB	1:30:00 PM	0	6147787	
				0	6147788	
111.11-56-1	Ext. Rm 127	HB	1:40:00 PM	0	6147789	
				0	6147790	
111.11-58-1	Ext. Rm 137	HB	1:50:00 PM	0	6147791	
				0	6147792	
111.11-60-1	Ext. Door 8	HB	2:00:00 PM	0	6147793	
				0	6147794	
111.11-62-1	Ext. Rm 147	HB	2:10:00 PM	0	6147795	

Notes:
 Please e-mail lab results to labs@stohlenv.com If checked, also e-mail results to: _____

Sampled By: Scott Edwards Print Name Stohl Env: Joseph Mecca Date: 2/4/2017
 Relinquished By: JOE MECCA Print Name Stohl Env: Joseph Mecca Date: 2/4/2017
 Received (Name / Lab): _____ Date: _____ Time: _____
 Sample Login (Name / Lab): _____ Date: _____ Time: _____
 Analysis (Name / Lab): _____ Date: _____ Time: _____
 QA/QC Review (Name / Lab): _____ Date: _____ Time: _____
 Archived / Released: _____ QA/QC InterLAB Use: _____ Date: _____

R E C E I V E D
 FEB 13 2017

Page 1 of 2

see attached for sample #'s

IATL - By WM



Chain of Custody Document

ENVIRONMENTAL CONSULTANTS - A MEMBER OF THE STOHL GROUP OF COMPANIES
4169 ALLENDALE PKWY. BUFFALO, NEW YORK 14219
(716) 312-0070 (716) 312-8092
www.stohlenvironmental.com

Submitted to: (Lab Name) 0

STOHL Job # 2016L-111.11

Client: City School District of the City of Niagara Falls Contact: 0

Building: Niagara Falls High School Location: 0

LEAD

Water by AAS-GF: ASTM D3559-03D, US EPA 200.9 X

Turnaround
5 Days

Sample #	Location	Outlet Type	Time	Cooler Model	Lab ID	Results
111.11-63-1	Exterior door Near Rm 141	HB	14:10	0	6147796	
111.11-65-1	Water Main Flush	Hot Box	14:20	0	6147797	
111.11-229-1	Rm 211 Hood	S	12:00	0	6147798	
111.11-245-1	Rm 221 Hood	S	12:03	0	6147799	
111.11-253-1	Rm 260	S	12:06	0	6147800	
111.11-267-1	Rm 231 Hood	S	12:09	0	6147801	
111.11-273-1	Rm 231 Back Rm	S	12:12	0	6147802	
111.11-329-1	Rm 331 Hood	S	12:15	0	6147803	
111.11-340-1	Faculty W. Bath near Rm 320	S	12:28	0	6147804	
111.11-341-1	Rm 320 Hood	S	12:28	0	6147805	
111.11-354-1	Rm 311 Storage	S	12:24	0	6147806	
111.11-359-1	Rm 321 left side window sink	S	12:35	0	6147807	
111.11-362-1	Rm 321 center left door sink	S	12:35	0	6147808	
111.11-363-1	Rm 321 hood	S	12:40	0	6147809	
111.11-410-1	Rm 441 hood	S	12:47	0	6147810	
111.11-431-1	Rm 440 hood	S	12:50	0	6147811	
111.11-435-1	Rm 431 prep room Sink	S	12:42	0	6147812	
111.11-455-1	Rm 421 hood	S	12:45	0	6147813	

Notes:

Please e-mail lab results to labs@stohlenv.com

Sampled By: SCOTT EDWARDS Print Name SCOTT EDWARDS Stohl Env: Joseph Mecca Date: 2/4/2017

Relinquished By: JOE MECCA Print Name JOE MECCA Stohl Env: Joseph Mecca Date: 2/4/2017

Received (Name / Lab): _____ Date: _____ Time: _____

Sample Login (Name / Lab): _____ Date: _____ Time: _____

Analysis (Name / Lab): _____ Date: _____ Time: _____

QA/QC Review (Name / Lab): _____ Date: _____ Time: _____

Archived / Released: _____ QA/QC InterLAB Use: _____ Date: _____ Time: _____



Chain of Custody Document

Submitted to: (Lab Name) _____

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 4169 ALLENDALE PKWY. BUFFALO, NEW YORK 14219
 ☎ (716) 312-0070 ■ (716) 312-8092
 www.stohlenvironmental.com

STOHL Job # 2016L-111.11Client: City School District of the City of Niagara Falls Contact: 0Building: Niagara Falls High School Location: 0

LEAD	
Water by AAS-GF: ASTM D3559-03D, US EPA 200.9	<u>X</u>
	Turnaround <u>5 Days</u>

Sample #	Location	Outlet Type	Time	Cooler Model	Lab ID	Results
111.11-174-2	Copy Rm	S	11:30:00 AM	0	6147314	
111.11-189-2	Rm 131 hood	S	11:35:00 AM	0	6147315	
111.11-1-2	Rm 141 Hood	S	11:40:00 AM	0	6147316	
111.11-29-2	Rm 111 Hood	S	11:46:00 AM	0	6147317	
111.11-35-2	Rm 111 Back Rm	S	11:46:00 AM	0	6147318	
111.11-44-2	Rm 121	S	11:53:00 AM	0	6147319	
111.11-51-2	Ext. Rm 115	HB	1:15:00 PM	0	6147320	
111.11-52-2	Ext. Rm 117	HB	1:20:00 PM	0	6147321	
111.11-53-2	Ext. Rm 116	HB	1:25:00 PM	0	6147322	
111.11-54-2	Ext. Rm 122	HB	1:30:00 PM	0	6147323	
				0	6147324	
111.11-56-2	Ext. Rm 127	HB	1:40:00 PM	0	6147325	
				0	6147326	
111.11-58-2	Ext. Rm 137	HB	1:50:00 PM	0	6147327	
				0	6147328	
111.11-60-2	Ext. Door 8	HB	2:00:00 PM	0	6147329	
				0	6147330	
111.11-62-2	Ext. Rm 147	HB	2:10:00 PM	0	6147331	

Notes:
 Please e-mail lab results to labs@stohlenv.com If checked, also e-mail results to: _____

Sampled By: Scott Edwards Print Name Stohl Env: Joseph Mecca Date: 2/4/2017

Relinquished By: Joe Mecca Print Name Stohl Env: Joseph Mecca Date: 2/4/2017

Received (Name / Lab): _____ Date: _____ Time: _____

Sample Login (Name / Lab): _____ Date: _____ Time: _____

Analysis (Name / Lab): _____ Date: _____ Time: _____

QA/QC Review (Name / Lab): _____ Date: _____ Time: _____

Archived / Released: _____ QA/QC InterLAB Use: _____ Date: _____ Time: _____



Chain of Custody Document

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Submitted to: (Lab Name) _____ 0

STOHL Job # _____ 2016L-111.11

Client: City School District of the City of Niagara Falls Contact: 0

Building: Niagara Falls High School Location: 0

LEAD Water by AAS-GF: ASTM D3559-03D, US EPA 200.9	<u>X</u>	Turnaround <u>5 Days</u>
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Sample #	Location	Outlet Type	Time	Cooler Model	Lab ID	Results
111.11-63-2	Exterior door Near Rm 141	HB	14:10	0	011111632	
111.11-65-2	Water Main Flush	Hot Box	14:20	0	011111652	
111.11-229-2	Rm 211 Hood	S	12:00	0	011111229	
111.11-245-2	Rm 221 Hood	S	12:03	0	011111245	
111.11-253-2	Rm 260	S	12:06	0	011111253	
111.11-267-2	Rm 231 Hood	S	12:09	0	011111267	
111.11-273-2	Rm 231 Back Rm	S	12:12	0	011111273	
111.11-329-2	Rm 331 Hood	S	12:15	0	011111329	
111.11-340-2	Faculty W. Bath near Rm 320	S	12:28	0	011111340	
111.11-341-2	Rm 320 Hood	S	12:28	0	011111341	
111.11-354-2	Rm 311 Storage	S	12:24	0	011111354	
111.11-359-2	Rm 321 left side window sink	S	12:35	0	011111359	(RV)
111.11-362-2	Rm 321 center left door sink	S	12:35	0	011111362	(RV)
111.11-363-2	Rm 321 hood	S	12:40	0	011111363	(RV)
111.11-410-2	Rm 441 hood	S	12:47	0	011111410	(RV)
111.11-431-2	Rm 440 hood	S	12:50	0	011111431	(RV)
111.11-435-2	Rm 431 prep room Sink	S	12:42	0	011111435	(RV)
111.11-455-2	Rm 421 hood	S	12:45	0	011111455	(RV)

Notes: ACID+2.15.17 RV
 Please e-mail lab results to labs@stohlenv.com

Sampled By: SCOTT EDWARDS Print Name: SCOTT EDWARDS Stohl Env: Joseph Mecca Date: 2/4/2017

Relinquished By: Joe Mecca Print Name: Joseph Mecca Stohl Env: Joseph Mecca Date: 2/4/2017

Received (Name / Lab): _____ Date: _____ Time: _____

Sample Login (Name / Lab): _____ Date: _____ Time: _____

Analysis (Name / Lab): _____ Date: _____ Time: _____

QA/QC Review (Name / Lab): _____ Date: _____ Time: _____

Archived / Released: _____ QA/QC InterLAB Use: _____ Date: _____ Time: _____

Sample Log

Client: Stohl

Date Received: 2/13/2017

Turn Around Time: 5 day

Project # 2016L-11.11

Project Name: CSD Niagara Fall - Niagara Falls HS

Client Contact: _____

Client Sample #	iATL #	Location	Client Sample #	iATL #	Location/Description
111.11-174-1	6147778		111.11-435-1	6147808	
189-1	6147779		455-1	6147809	
-1	6147780		174-2	6147810	
29-1	6147781		189-2	6147811	
35-1	6147782		1-2	6147812	
44-1	6147783		29-2	6147813	
51-1	6147784		35-2	6147814	
52-1	6147785		44-2	6147815	
53-1	6147786		51-2	6147816	6147817
54-1	6147787		53-2 ^{5L-2}	6147818	
56-1	6147788		54-2	6147819	
58-1	6147789		56-2	6147820	
60-1	6147790		58-2	6147821	
62-1	6147791		60-2	6147822	
63-1	6147792		62-2	6147823	
65-1	6147793		63-2	6147824	
229-1	6147794		65-2	6147825	
245-1	6147795		229-2	6147826	
253-1	6147796		245-2	6147827	
267-1	6147797		253-2	6147828	
273-1	6147798		267-2	6147829	
329-1	6147799		273-2	6147830	
340-1	6147800		329-2	6147831	
341-1	6147801		340-2	6147832	
354-1	6147802		341-2	6147833	
359-1	6147803		354-2	6147834	
362-	6147804		359-2	6147835	
363-1	6147805		362-2	6147836	
410-1	6147806		363-2	6147837	
431-1	6147807		410-2	6147838	

Delivered By: _____

Received By: _____

Analyzed By: _____

Date: _____

Date: _____

Date: _____



Chain of Custody Document

Submitted to: (Lab Name) iATL

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STOHL Job # 2016L-111.11

Client: City School District of the City of Niagara Falls

Contact: Joe Giarrizzo

Building: N.F. High School

Location: 4455 Porter Rd., Niagara Falls NY

LEAD

Water by AAS-GF: ASTM D3559-03D, US EPA 200.9 X

Turnaround
5 Days

Sample #	Location	Outlet Type	Time	Cooler Model	Lab ID	Results
111.11-55R	Ext. Rm 126	HB	7:15	-	6159618	
111.11-57R	Ext. Rm 121	HB	7:17	-	6159619	
111.11-59R	Ext. Rm 136	HB	7:18	-	6159620	
111.11-61R	Ext. Rm 146	HB	7:19	-	6159621	
111.11-55F	Ext. Rm 126	HB	7:15	-	6159622	
111.11-57F	Ext. Rm 121	HB	7:17	-	6159623	
111.11-59F	Ext. Rm 136	HB	7:18	-	6159624	
111.11-61F	Ext. Rm 146	HB	7:19	-	6159625	
ACID						
224.17						

Notes:
 Please e-mail lab results to labs@stohlenv.com If checked, also e-mail results to: _____

Sampled By: Sean Hanley Print Name Stohl Env: Sean Hanley Date: 2/22/17
 Relinquished By: [Signature] Print Name Stohl Env: Joe Stecca Date: 2/22/17
 Received (Name / Lab): _____ Date: _____ Time: _____
 Sample Login (Name / Lab): RV 224.17 Date: _____ Time: _____
 Analysis (Name / Lab): [Signature] Date: 3/2/17 Time: _____
 QA/QC Review (Name / Lab): [Signature] Date: _____ Time: _____
 Archived / Released: _____ QA/QC InterLAB Use: _____ Date: _____ Time: _____



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