

February 20, 2017

David Spacone
City School District of the City of Niagara Falls
Director of Facilities
630 – 66<sup>th</sup> Street
Niagara Falls, NY 14304

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

Dear Mr. Spacone:

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:

• Gaskill Prep, 910 Hyde Park Boulevard, 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 10/15/2016 and 9 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, 9 outlets were re-sampled on 2/3/2017 and analyzed by a certified and independent laboratory. Of the nine samples collected, seven contained lead concentrations above the action level.

**Interpretation of First Draw Sampling Results:** Under NYSDOH regulations Section 67-4.4, for the one outlet that continues 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, 9 flush samples were also collected from these same outlets on 2/3/2017 and submitted to and analyzed by a certified and independent laboratory. All 9 sample results indicated lead concentrations were below 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."

Based upon this guidance, the seven outlets tested on 2/3/2017 continue to have First Draw Sample lead concentrations above the 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.

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

Sincerely,

Stohl Environmental, LLC.

Willufre

William K. Sisco

Senior Project Manager

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

# **Prepared for:**

David Spacone
City School District of the City of Niagara Falls
Director of Facilities
630 – 66<sup>th</sup> Street
Niagara Falls, NY 14304

# Prepared by:



### **ENVIRONMENTAL CONSULTANTS - A MEMBER OF THE STOHL GROUP OF COMPANIES**

4169 ALLENDALE PKWY. BUFFALO, NEW YORK 14219

2 (716) 312-0070 (716) 312-8092

www.stohlenvironmental.com

Conditions as of February 3, 2017



# **Summary Tabulation**

### **Lead in Drinking Water Investigation**

- 1.1. Scope of Work and Sampling Protocol
- 1.2. Executive Summary of Sampling and Analysis
- 1.3. Response Actions Required Under NYS Regulations
- 1.4. Laboratory Analytical Reports by Building
- 1.5. Laboratory Certifications
- 1.6. Chains of Custody



### 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 1/19/2017 as having lead concentrations greater than the NYS action level of 15 ppb. Sampling was performed in the following buildings:

Gaskill Prep, 910 Hyde Park Boulevard, 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 the Gaskill Prep School Building. 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).



### 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	Total Number	Initial First Draw Samples		Follow-up Samples				
	Events	Samples			First Drav	v Samples	Flush S	Samples	
		Collected	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	Analyzed at or Below Action Level of 15 ppb	Analyzed Above Action Level of 15 ppb	
Gaskill Prep School Building	10/15/2016, and 2/3/2017	124	99	9	2	7	9	0	

<sup>\*\*</sup> Follow-up samples are samples collected subsequent to "Step 1" 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.



# 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
111.9-1	First Draw	Room 406	Sink	22.3
111.9-1-D	Follow-Up First Draw	Room 406	Sink	37.8
111.9-1-D	Flush	Room 406	Sink	8.50
111.9-1-6	FluSII	ROOM 400	SILIK	0.50
111.9-2	First Draw	Room 405	Hose Bib	18.7
111.9-2-D	Follow-Up First Draw	Room 405	Hose Bib	41.2
111.9-2-F	Flush	Room 405	Hose Bib	9.40
111.0 21	1 Idon	1100111 100	11000 Bib	0.10
111.9-25	First Draw	Room 322	Sink	24.6
111.9-25-D	Follow-Up First Draw	Room 322	Sink	17.1
111.9-25-F	Flush	Room 322	Sink	10.2
111.9-28	First Draw	Cafeteria	Well Fill	20.2
111.9-28-D	Follow-Up First Draw	Cafeteria	Well Fill	16.0
111.9-28-F	Flush	Cafeteria	Well Fill	7.0
111.9-30	First Draw	Kitchen	Sprayer	19.1
111.9-30-D	Follow-Up First Draw	Kitchen	Sprayer	9.50
111.9-30-F	Flush	Kitchen	Sprayer	<2.00
111.9-67	First Draw	Room 101	Sink	16.2
111.9-67-D	Follow-Up First Draw	Room 101	Sink	<mark>50.8</mark>
111.9-67-F	Flush	Room 101	Sink	2.90
111.9-70	First Draw	Room 105, closest to the door	Sink	24.7
111.9-70-D	Follow-Up First Draw	Room 105, closest to the door	Sink	<mark>26.4</mark>
111.9-70-F	Flush	Room 105, closest to the door	Sink	<2.00
111.9-72	First Draw	Room 105, farthest away from the door	Sink	34.0
111.9-72-D	Follow-Up First Draw	Room 105, farthest away from	Sink	25.2
		the door		
111.9-72-F	Flush	Room 105, farthest away from	Sink	<2.00
		the door		
111.9-73	First Draw	Room 107	Sink	20.0
111.9-73-D	Follow-Up First Draw	Room 107	Sink	12.0
111.9-73-F	Flush	Room 107	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 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.



1.4 Laboratory Analytical Reports by Building



# CERTIFICATE OF ANALYSIS

**Client:** Stohl Environmental

4169 Allendale Pkwy; Suite 100

Blasdell NY 14219

Client: STO708

Report Date: 2/15/2017

Report No.: 529217 - Lead Water

Result(ppb):8.50

Result(ppb):41.2

Result(ppb):9.40

Result(ppb): 17.1

Result(ppb): 10.2

Result(ppb):16.0

Result(ppb): 7.00

Result(ppb):9.50

**Project:** Niagara Fall CSD - Gaskill Prep School

**Project No.:** 216L-111.9

# LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.:6144931 Location: Rm 406-S Result(ppb):37.8

Client No.:111.9-1-D

Lab No.:6144932

Client No.:111.9-1-F

Location: Rm 405-HB **Lab No.:**6144933

Client No.:111.9-2-D

Lab No.:6144934

Client No.: 111.9-2-F

Lab No.:6144935

Client No.:111.9-25-D

Lab No.:6144936

Client No.:111.9-25-F

Lab No.:6144937

Client No.:111.9-28-D

Lab No.:6144938

Client No.: 111.9-28-F

**Lab No.:**6144939 **Client No.:**111.9-30-D

Lab No.:6144940 Client No.: 111.9-30-F

Location: Rm 406-S

Location: Rm 405-HB

Location: Rm 322-S

Location: Rm 322-S

**Location:** Cafeteria-S

**Location:** Cafeteria-S

Location: Kitchen-Sprayer

**Location:** Kitchen-Sprayer

Result(ppb):<2.00

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

**Date Received:** 

2/7/2017

Date Analyzed:

02/14/2017

Signature: **Analyst:** 

Chad Shaffer

Doch

Approved By:

Frank E. Ehrenfeld, III

Laboratory Director

Dated: 2/15/2017 3:28:06 PM

Page 1 of 6



CERTIFICATE OF ANALYSIS

**Client:** Stohl Environmental

4169 Allendale Pkwy; Suite 100

Blasdell NY 14219

Client: STO708

Report Date: 2/15/2017

Report No.: 529217 - Lead Water

**Project:** Niagara Fall CSD - Gaskill Prep School

**Project No.:** 216L-111.9

# LEAD WATER SAMPLE ANALYSIS SUMMARY

**Lab No.:**6144941 Location: Rm 101-S Result(ppb):50.8

Client No.:111.9-67-D

Lab No.:6144942 Location: Rm 101-S

Client No.:111.9-67-F

Result(ppb):2.90

Location: Rm 105-S Lab No.:6144943 Result(ppb):26.4

Client No.:111.9-70-D

Lab No.:6144944 Location: Rm 105-S Result(ppb):<2.00

Lab No.:6144945 Location: Rm 105-S Result(ppb):25.2

Client No.:111.9-72-D

**Client No.:**111.9-70-F

**Lab No.:**6144946 Location: Rm 105-S Result(ppb):<2.00

**Client No.:**111.9-72-F

**Lab No.:**6144947 Location: Rm 107-S Result(ppb): 12.0

Client No.:111.9-73-D

Lab No.:6144948 Location: Rm 107-S Result(ppb):<2.00

Client No.: 111.9-73-F

\*Results for a Different Site\*

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

**Date Received:** 

2/7/2017

Date Analyzed:

02/14/2017

Signature: **Analyst:** 

Chad Shaffer

Doch

Approved By:

Frank E. Ehrenfeld, III

Laboratory Director



# **CERTIFICATE OF ANALYSIS**

**Client:** Stohl Environmental

4169 Allendale Pkwy; Suite 100

Blasdell NY 14219

Client: STO708

**Report Date:** 2/15/2017

Report No.: 529217 - Lead Water

**Project:** Niagara Fall CSD - Gaskill Prep School

**Project No.:** 216L-111.9

# LEAD WATER SAMPLE ANALYSIS SUMMARY

\*Results for a Different Site\*

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

**Date Received:** 

2/7/2017

**Date Analyzed:** 

02/14/2017

Signature: Analyst:

Chad Shaffer

Doch

Approved By:

Frank E. Ehrenfeld, III

Laboratory Director

Dated: 2/15/2017 3:28:06 PM Page 3 of 6



# **CERTIFICATE OF ANALYSIS**

**Client:** Stohl Environmental

4169 Allendale Pkwy; Suite 100

Blasdell NY 14219

Client: STO708

**Report Date:** 2/15/2017

**Report No.:** 529217 - Lead Water

**Project:** Niagara Fall CSD - Gaskill Prep School

**Project No.:** 216L-111.9

# LEAD WATER SAMPLE ANALYSIS SUMMARY

*Results for a Different Site*				
1				

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

**Date Received:** 

2/7/2017

Date Analyzed:

02/15/2017

Inout

Signature: Analyst:

Chad Shaffer

Approved By:

Frank E. Ehrenfeld, III

Laboratory Director

Dated: 2/15/2017 3:28:06 PM Page 4 of 6



# **CERTIFICATE OF ANALYSIS**

**Client:** Stohl Environmental

4169 Allendale Pkwy; Suite 100

Blasdell NY 14219

Client: STO708

**Report Date:** 2/15/2017

**Report No.:** 529217 - Lead Water

Project: Niagara Fall CSD - Gaskill Prep School

**Project No.:** 216L-111.9

# LEAD WATER SAMPLE ANALYSIS SUMMARY

	*Results for a Different Site*
-	
-	

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

**Date Received:** 

2/7/2017

Date Analyzed:

02/15/2017

Inout

Signature: Analyst:

Chad Shaffer

Approved By:

Frank E. Ehrenfeld, III

Laboratory Director

Dated: 2/15/2017 3:28:06 PM Page 5 of 6



9000 Commerce Parkway Suite B Mt. Laurel, New Jersey 08054 Telephone: 856-231-9449

Email: customerservice@iatl.com

# CERTIFICATE OF ANALYSIS

Client: Stohl Environmental Report Date: 2/15/2017

4169 Allendale Pkwy; Suite 100 Report No.: 529217 - Lead Water

Blasdell NY 14219 **Project:** Niagara Fall CSD - Gaskill Prep School

Project No.: 216L-111.9 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 OfficeManager: 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  $\mu$ g/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.

Dated: 2/15/2017 3:28:06 PM Page 6 of 6



1.5 Laboratory Certifications



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 lii,

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

**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 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 AIR AND EMISSIONS
All approved subcategories and/or analytes are listed below:

Metals I

Lead, Total NIOSH 7082

Miscellaneous

Asbestos 40 CFR 763 APX A 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.



1.6 Chains of Custody



# **Chain of Custody Document**

Submitted to: (Lab Name)

VIRONMENTAL CONSULTANTS - A MEMBER OF THE STOHL GROUP OF COMPANIES

ENVIRONMI	ENTAL CONSULTANTS - A MEMBER OF THE STOHL GROUP OF COMPANIES 4169 ALLENDALE PKWY. BUFFALO, NEW YORK 14219 을 (716) 312-0070 할 (716) 312-8092 www.stohlenvironmental.com	STOHL Job # 2016L-111.9
Client:	Niagara Falls CSD	Contact: Dave Spacone
Building:	Gaskill Prep School	Location: 910 Hyde Park Blvd
<u>LEAD</u> 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
111.9-1-D	Rm 406	S	7:54	8144931		
111.9-1-F	Rm 406	S	7:54	6144932		
111.9-2-D	Rm 405	HB	8:02	6144933		
111.9-2-F	Rm 405	НВ	8:02	61/4934		
111.9-25-D	Rm 322	S	7:50	0144025		
111.9-25-F	Rm 322	S	7:50			
111.9-28-D	Cafeteria	S	8:15	6144037		
111.9-28-F	Cafeteria	S	8:15	6144938		
111.9-30-D	Kitchen	Sprayer	8:19	6144939	'& <u></u>	
111.9-30-F	Kitchen	Sprayer	8:19	6.44040		
111.9-67-D	Rm 101	s	7:32	C 4 4 0 4 1		
111.9-67-F	Rm 101	s	7:32	8-22012	15 15 2017	**************************************
111.9-70-D	Rm 105	S	7:37	6164943	3 7077	
111.9-70-F	Rm 105	S	7:37	6114944		
111.9-72-D	Rm 105	s	7:39	61/19/15		
111.9-72-F	Rm 105	S	7:39	2144040		
111.9-73-D	Rm 107	S	7:45	14945		
111.9-73-F	Rm 107	S	7:45	6144948		

Notes:		
Please e-mail lab results to labs@stohlenv.com	cked, also e-mail results to:	
Sampled By: Print Name	Stohl Env: Sean Hanley	Date: 2/3/2017
Relinquished By: Print Name	Stohl Env: 1230 wells	Date: 2/3/2017
Received (Name / Lab):	Date:	Fine: - / r
Sample Login (Name / Lab): RV 2.8.17	Date:	Time:
Analysis (Name / Lab):	Date:	Time:
QA/QC Review (Name / Lab): 715717	Date:	Time! - / 2017
Archived / Released:QA/QC InterLAB Use:	Date:	Time:
Page <u>1</u>	of 1	L-BY MM



# **Chain of Custody Document**

Submitted to: (Lab Name)

ENVIRONM	ENTAL CONSULTANTS - A MEMBER OF THE STOHL GROUP OF COMP 4169 ALLENDALE PKWY. BUFFALO, NEW YORK 14219 曾 (716) 312-0070 章 (716) 312-8092 www.stohlenvironmental.com	ANIES	STOHL Job#	2016L-111.13
Client:	Niagara Falls CSD	Contac	et: Dave Spacone	
Building:	Niagara Falls CSD Admin Building	Locatio	n: Niagara Falls, NY	
<u>LEAD</u> Water by	AAS-GF: ASTM D3559-03D, US EPA 200.9	X	Turnard 5 Days	

Sample #	Location	Outlet Type	Time	Cooler Model	Lab ID	Results
111.13-11-D	Rm 212	S	9:05	6144949		
111.13-11-F	Rm 212	S	9:05	6144950		
111.13-15-D	Rm 214	S	9:09	6144951		
111.13-15-F	Rm 214	S	9:09	6144952		
111.13-16-D	Rm 214	Bubbler	9:10	6144953		
111.13-16-F	Rm 214	Bubbler	9:10	6144954		
111.13-25-D	Rm 106	S	9:17	6144955		
111.13-25-F	Rm 106	S	9:17	£1/4950		
111.13-31-D	Rm 109	S	9:24	61,4495		
111.13-31-F	Rm 109	S	9:24	6144950		
111.13-32-D	Rm 109	Bubbler	9:25	61/1050		
111.13-32-F	Rm 109	Bubbler	9:25	5144560		
111.13-33-D	Rm 109	S	9:26	834 751		
111.13-33-F	Rm 109	S	9:26	61/1082		
111.13-34-D	Rm 109	S	9:27			
111.13-34-F	Rm 109	S	9:27	6466864		<del>                                     </del>
111.13-40-D	Sign Shop	S	9:32	637.5065		<del>-  </del>
111.13-40-F	Sign Shop	S	9:32	6101966		

Notes:		
Please e-mail lab results to labs@stohlenv.com	If checked, also e-mail results to:	
$\mathcal{A}$		
Sampled By: Print Na	ne Stohl Env: Sean Hanley Date: 2/3/2017	
Relinquished By: Print Na	ne Stohl Env: Rym Goldy Date: 2/3/2017	
Received (Name / Lab):	Date: Time: C F 1 1 F F	<u>,                                     </u>
Sample Login (Name / Lab):	Date:	and the second
Analysis (Name / Lab):	Date: L Irime: 7. 2017	/
QA/QC Review (Name / Lab):	Date: Time:	
Archived / Released:QA/QC InterLAB Use:	Date:	,
Page	1 of 2	NO.



r<sub>1</sub> 8

STOHL ENVIRONMENTAL			Chain of Custod	ly Document
			Submitted to: (Lab Name)	
ENVIRONMENT	FAL CONSULTANTS - A MEMBER OF THE STOHL GROU 4169 ALLENDALE PKWY. BUFFALO, NEW YORK 14219 會 (716)312-0070 會 (716)312-8092 www.stohlenvironmental.com	JP OF COMPANIES	STOHL Job #	2016L-111.13
Client:	Niagara Falls CSD	Cor	tact: Dave Spacone	
Building:	Niagara Falls CSD Admin Building	Loca	tion: Niagara Falls, NY	
LEAD			Turna	round
Water by A	AS-GF: ASTM D3559-03D, US EPA	200.9 X	5 Day	ys
Sampl	e#   location	Outlet Type Time	II Contav Mariai II	

Sample #	Location	Outlet Type	Time	Cooler Model	Lab ID	Results
111.13-42-D	Copy Room	S	9:40	6144967		
111.13-42-F	Copy Room	S	9:40	6144967 6144968		
					****	
	ACINIFIED NO 2/13/17 9:00					
	<i>41</i> 0117 7760					

Notes:			
Please e-mail lab results to labs	@stohlenv.com		
Somulad Du	n/ /		
Sampled By:	Mully Print Name	Stohl Env: Sean Hanley	Date: <u>2/3/2017</u>
Relinquished By:	Print Name	Stohl Env:	Date: 2/3/2017
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:
	Page	2 of 2	