

November 29, 2016

Mr. Mark Rampado
North Tonawanda City School District
Director of Facilities
176 Walck Road
North Tonawanda, New York 14120

re: Investigation and Sampling of Drinking Water for Lead Concentrations

Dear Mr. Rampado:

Included with this letter is Stohl Environmental LLC's report for the Water Sampling performed at the educational buildings of the North Tonawanda City School District, including:

- Drake Elementary School, 388 Drake Drive, North Tonawanda, NY

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)".

The Investigation and Sampling was performed on October 1, 2016. The Protocol for the Investigation followed the requirements of NYS regulations as well as USEPA Technical Guidance Document "3-T's for Reducing Lead in Drinking Water in Schools".

As detailed in Section 1.2 (*Executive Summary*) of the accompanying report, based upon the sampling and analysis performed, 14 sources of potable water in Drake Elementary 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 as identified in this report by the District are required.

Thank you for the opportunity to be of service to North Tonawanda City School District.

Sincerely,
Stohl Environmental, LLC.



William K. Sisco
Senior Project Manager

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

Prepared for:

**Mr. Mark Rampado
North Tonawanda City School District
Director of Facilities
176 Walck Road
North Tonawanda, New York 14120**

Prepared by:



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

Conditions as of October 1, 2016

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
- 1.7. Photo documentation of Outlets Above Action Level for rooms where there are multiple outlets in a room

1.1 Sampling Protocol and Summary of Results:

Stohl Environmental was retained by North Tonawanda City School District to perform sampling and analysis of potable water for elevated lead concentrations. Sampling was performed in the following buildings:

- Drake Elementary School, 388 Drake Drive, North Tonawanda, NY

Scope of Work:

Stohl Environmental was charged with collecting first-draw water samples from all outlets in Drake Elementary 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:

- **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.
- **Service Connection Sampling:** Samples were collected at the service connection as follows:
 - o **Service Connection Sample:** As detailed in EPA guidance documents, this sample is not a first-draw sample. The cold water tap closest to the service connection was opened, and the sample was collected immediately after a change in water temperature was detected, or after 30 seconds.
 - o **Water Main Sample:** This sample was collected at the same location as the Service Connection sample; however, it was collected after water was allowed to run an additional 3 minutes after the temperature change, but not more than 3 minutes and 30 seconds.
- **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 First Draw & Confirmatory Samples:

Building Name	Date of Sample Event	Total Number Samples Collected	First Draw Samples		Confirmatory Samples **	
			Number of Samples Below Action level of 15 ppb	Number of Samples Above Action Level of 15 ppb	Number of Samples Below Action level of 15 ppb	Number of Samples Above Action Level of 15 ppb
Drake Elementary School	10/1/2016	80	66	14	0	0

** Confirmatory 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.

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 and Confirmatory Samples				
Sample #	Sample Type	Classroom or other Location	Fixture/Outlet type	Laboratory Analysis in ppb
448.5-1 WMF	Flush	Basement Boiler Room-Main Valve	Main Valve	48.9
448.5-2 WMTC	Temperature Change	Basement Boiler Room-Main Valve	Main Valve	19.0
448.5-3	First Draw	Room 24	Sink	34.0
448.5-7	First Draw	Room 22	Sink	32.4
448.5-11	First Draw	Room 21	Sink	17.0
448.5-13	First Draw	Room 20	Sink	398
448.5-14	First Draw	Room 20	Bubbler	37.8
448.5-26	First Draw	Room 17	Sink	15.6
448.5-28	First Draw	Room 13	Sink	25.8
448.5-48	First Draw	Room 8	Sink	16.2
448.5-71	First Draw	Room 7	Sink	19.0
448.5-72	First Draw	Room 7	Bubbler	32.6
448.5-75	First Draw	Kitchen (See Photo Section 1.7)	Sink	44.4
448.5-76	First Draw	Kitchen (See Photo Section 1.7)	Spigot	15.7

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.



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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: 11/23/2016
Report No.: 521306 - Lead Water
Project: North Tonawanda CSD - Drake Elementary School
10/1/16
Project No.: 2016L-448.5

Client: STO708

LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.:6050393 **Location:**Basement Boiler Rm-Main Valve **Result(ppb):**48.9
Client No.:448.5-1 WMF

Lab No.:6050394 **Location:**Basement Boiler Rm-Main Valve **Result(ppb):**19.0
Client No.:448.5-2 WMTC

Lab No.:6050395 **Location:**24-S **Result(ppb):**34.0
Client No.:448.5-3

Lab No.:6050396 **Location:**24-B **Result(ppb):**8.00
Client No.:448.5-4

Lab No.:6050397 **Location:**25-S **Result(ppb):**9.10
Client No.:448.5-5

Lab No.:6050398 **Location:**25-B **Result(ppb):**5.70
Client No.:448.5-6

Lab No.:6050399 **Location:**22-S **Result(ppb):**32.4
Client No.:448.5-7

Lab No.:6050400 **Location:**22-B **Result(ppb):**8.60
Client No.:448.5-8

Lab No.:6050401 **Location:**23-S **Result(ppb):**11.4
Client No.:448.5-9

Lab No.:6050402 **Location:**23-B **Result(ppb):**5.60
Client No.:448.5-10

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

Date Received: 10/6/2016
Date Analyzed: 11/23/2016
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: 11/23/2016
Report No.: 521306 - Lead Water
Project: North Tonawanda CSD - Drake Elementary School
10/1/16
Project No.: 2016L-448.5

Client: STO708

LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.: 6050403	Location: 21-S	Result(ppb): 17.0
Client No.: 448.5-11		

Lab No.: 6050404	Location: 21-B	Result(ppb): 5.60
Client No.: 448.5-12		

Lab No.: 6050405	Location: 20-S	Result(ppb): 398
Client No.: 448.5-13		

Lab No.: 6050406	Location: 20-B	Result(ppb): 37.8
Client No.: 448.5-14		

Lab No.: 6050407	Location: Girl's Bathroom-S	Result(ppb): <2.00
Client No.: 448.5-15		

Lab No.: 6050408	Location: Girl's Bathroom-S	Result(ppb): <2.00
Client No.: 448.5-16		

Lab No.: 6050409	Location: Girl's Bathroom-S	Result(ppb): <2.00
Client No.: 448.5-17		

Lab No.: 6050410	Location: Hallway-DF	Result(ppb): <2.00
Client No.: 448.5-18		

Lab No.: 6050411	Location: Boy's Bathroom-S	Result(ppb): <2.00
Client No.: 448.5-19		

Lab No.: 6050412	Location: Boy's Bathroom-S	Result(ppb): <2.00
Client No.: 448.5-20		

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

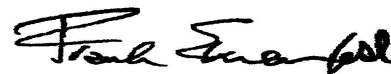
Date Received: 10/6/2016

Date Analyzed: 11/23/2016

Signature:

Analyst: Chad Shaffer

Approved By:



Frank E. Ehrenfeld, III
Laboratory Director

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LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.:6050413 **Location:**Boy's Bathroom-S **Result(ppb):**<2.00
Client No.:448.5-21

Lab No.:6050414 **Location:**Boy's Locker Room-S **Result(ppb):**<2.00
Client No.:448.5-22

Lab No.:6050415 **Location:**Boy's Locker Room Bathroom-S **Result(ppb):**12.9
Client No.:448.5-23

Lab No.:6050416 **Location:**Girl's Locker Room-S **Result(ppb):**<2.00
Client No.:448.5-24

Lab No.:6050417 **Location:**Girl's Locker Room-S **Result(ppb):**2.10
Client No.:448.5-25

Lab No.:6050418 **Location:**17-S **Result(ppb):**15.6
Client No.:448.5-26

Lab No.:6050419 **Location:**15-S **Result(ppb):**2.30
Client No.:448.5-27

Lab No.:6050420 **Location:**13-S **Result(ppb):**25.8
Client No.:448.5-28

Lab No.:6050421 **Location:**11-S **Result(ppb):**6.50
Client No.:448.5-29

Lab No.:6050422 **Location:**11-B **Result(ppb):**3.30
Client No.:448.5-30

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

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Approved By: 
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Project No.: 2016L-448.5

Client: STO708

LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.: 6050423 Client No.: 448.5-31	Location: 11-S	Result(ppb): 12.3
Lab No.: 6050424 Client No.: 448.5-32	Location: 18-S	Result(ppb): <2.00
Lab No.: 6050425 Client No.: 448.5-33	Location: 18-B	Result(ppb): 2.60
Lab No.: 6050426 Client No.: 448.5-34	Location: 18-S	Result(ppb): 13.8
Lab No.: 6050427 Client No.: 448.5-35	Location: Storage-S	Result(ppb): 4.30
Lab No.: 6050428 Client No.: 448.5-36	Location: 16-S	Result(ppb): <2.00
Lab No.: 6050429 Client No.: 448.5-37	Location: 16-B	Result(ppb): 4.00
Lab No.: 6050430 Client No.: 448.5-38	Location: 16-S	Result(ppb): 11.4
Lab No.: 6050431 Client No.: 448.5-39	Location: 14-S	Result(ppb): <2.00
Lab No.: 6050432 Client No.: 448.5-40	Location: 14-B	Result(ppb): <2.00

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

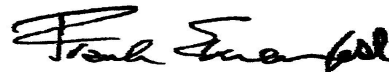
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Analyst: Chad Shaffer

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Client: STO708

LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.:6050433 **Location:**14-S **Result(ppb):**<2.00
Client No.:448.5-41

Lab No.:6050434 **Location:**10-S **Result(ppb):**<2.00
Client No.:448.5-42

Lab No.:6050435 **Location:**10-B **Result(ppb):**2.00
Client No.:448.5-43

Lab No.:6050436 **Location:**10-S **Result(ppb):**2.80
Client No.:448.5-44

Lab No.:6050437 **Location:**12-S **Result(ppb):**2.50
Client No.:448.5-45

Lab No.:6050438 **Location:**12-B **Result(ppb):**4.80
Client No.:448.5-46

Lab No.:6050439 **Location:**12-S **Result(ppb):**<2.00
Client No.:448.5-47

Lab No.:6050440 **Location:**8-S **Result(ppb):**16.2
Client No.:448.5-48

Lab No.:6050441 **Location:**8-B **Result(ppb):**<2.00
Client No.:448.5-49

Lab No.:6050442 **Location:**8-S **Result(ppb):**<2.00
Client No.:448.5-50

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

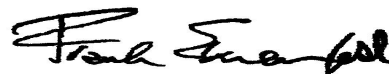
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LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.:6050443 **Location:**Women's Staff Bathroom-S **Result(ppb):**<2.00
Client No.:448.5-51

Lab No.:6050444 **Location:**Hallway-DF **Result(ppb):**<2.00
Client No.:448.5-52

Lab No.:6050445 **Location:**Men's Staff Bathroom-S **Result(ppb):**<2.00
Client No.:448.5-53

Lab No.:6050446 **Location:**Faculty Lounge-S **Result(ppb):**<2.00
Client No.:448.5-54

Lab No.:6050447 **Location:**Hallway Outside Faculty Lounge-B **Result(ppb):**<2.00
Client No.:448.5-55

Lab No.:6050448 **Location:**Main Office Bathroom-S **Result(ppb):**<2.00
Client No.:448.5-56

Lab No.:6050449 **Location:**1-S **Result(ppb):**5.80
Client No.:448.5-57

Lab No.:6050450 **Location:**1-B **Result(ppb):**4.10
Client No.:448.5-58

Lab No.:6050451 **Location:**1-S **Result(ppb):**2.20
Client No.:448.5-59

Lab No.:6050452 **Location:**Health Office-S **Result(ppb):**<2.00
Client No.:448.5-60

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

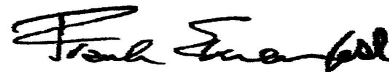
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LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.:6050453 **Location:**Health Office Bathroom-S **Result(ppb):**2.50
Client No.:448.5-61

Lab No.:6050454 **Location:**2-S **Result(ppb):**3.30
Client No.:448.5-62

Lab No.:6050455 **Location:**2-S **Result(ppb):**14.4
Client No.:448.5-63

Lab No.:6050456 **Location:**3-S **Result(ppb):**3.20
Client No.:448.5-64

Lab No.:6050457 **Location:**3-B **Result(ppb):**2.40
Client No.:448.5-65

Lab No.:6050458 **Location:**3-S **Result(ppb):**5.40
Client No.:448.5-66

Lab No.:6050459 **Location:**5-S **Result(ppb):**8.20
Client No.:448.5-67

Lab No.:6050460 **Location:**5-S **Result(ppb):**4.30
Client No.:448.5-68

Lab No.:6050461 **Location:**4-S **Result(ppb):**4.00
Client No.:448.5-69

Lab No.:6050462 **Location:**4-S **Result(ppb):**<2.00
Client No.:448.5-70

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

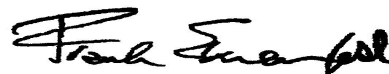
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LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.:6050463 **Location:**7-S **Result(ppb):**19.0
Client No.:448.5-71

Lab No.:6050464 **Location:**7-B **Result(ppb):**32.6
Client No.:448.5-72

Lab No.:6050465 **Location:**7-S **Result(ppb):**6.30
Client No.:448.5-73

Lab No.:6050466 **Location:**Speech Room-S **Result(ppb):**4.60
Client No.:448.5-74

Lab No.:6050467 **Location:**Kitchen-S **Result(ppb):**44.4
Client No.:448.5-75

Lab No.:6050468 **Location:**Kitchen-Spigot **Result(ppb):**15.7
Client No.:448.5-76

Lab No.:6050469 **Location:**Kitchen-S **Result(ppb):**2.00
Client No.:448.5-77

Lab No.:6050470 **Location:**Kitchen-Spray Nozzle **Result(ppb):**<2.00
Client No.:448.5-78

Lab No.:6050471 **Location:**Kitchen-S **Result(ppb):**3.70
Client No.:448.5-79

Lab No.:6050472 **Location:**Kitchen-S **Result(ppb):**9.60
Client No.:448.5-80

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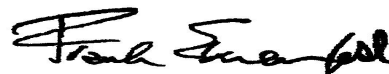
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Project: North Tonawanda CSD - Drake Elementary
School 10/1/16
Project No.: 2016L-448.5

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.



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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

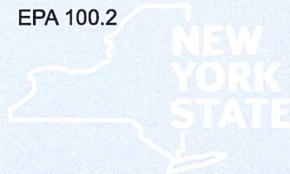
is hereby APPROVED as an Environmental Laboratory for the category
ENVIRONMENTAL ANALYSES POTABLE WATER
All approved subcategories and/or analytes are listed below:

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
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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

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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

NEW
YORK
STATE

Department
of Health

Serial No.: 54136

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ENVIRONMENTAL CONSULTANTS

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Chain of Custody Document

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(716) 312-0070 (716) 312-8092
www.stohlenvironmental.com

Submitted to: (Lab Name) IATL

STOHL Job # 2016L-448.5

Client: North Tonawanda CSD

Contact: Mark Rampado

Building: Drake Elementary School

Location: 388 Drake Drive, North Tonawanda, 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
448.5-1 WMF	basement boiler rm	main valve	12:43	NA	6050393	
448.5-2 WMTC	basement boiler room	main valve	12:46	NA	6050394	
448.5-3	24	S	10:53	NA	6050395	
448.5-4	24	b	10:53	NA	6050396	
448.5-5	25	s	10:54	NA	6050397	
448.5-6	25	b	10:54	NA	6050398	
448.5-7	22	s	10:55	NA	6050399	
448.5-8	22	b	10:55	NA	6050400	
448.5-9	23	s	10:56	NA	6050401	
448.5-10	23	b	10:56	NA	6050402	
448.5-11	21	s	10:59	NA	6050403	
448.5-12	21	b	10:59	NA	6050404	
448.5-13	20	s	11:00	NA	6050405	
448.5-14	20	b	11:00	NA	6050406	
448.5-15	girls bathroom	s	11:02	NA	6050407	
448.5-16	girls bathroom	s	11:02	NA	6050408	
448.5-17	girls bathroom	s	11:02	NA	6050409	
448.5-18	hallway	df	11:03	Sunroc hcwc8-5	6050410	

Notes:

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

☐ If checked, also e-mail results to: _____

Sampled By: [Signature] Print Name

Stohl Env: Joseph Mecca Date: 10/1/2016

Relinquished By: [Signature] Print Name

Stohl Env: Joseph Mecca Date: 10/3/2016

Received (Name / Lab): _____

Date: _____

Sample Login (Name / Lab): 104100616

Date: _____

Analysis (Name / Lab): 11/23/16

Date: _____

QA/QC Review (Name / Lab): ML

Date: 11/23/16

Archived / Released: _____

QA/QC InterLAB Use: _____

Date: _____

RECEIVED
OCT 6 2016
By [Signature]



Chain of Custody Document

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Submitted to: (Lab Name) IATL

STOHL Job # 2016L-448.5

Client: North Tonawanda CSD

Contact: Mark Rampado

Building: Drake Elementary School

Location: 388 Drake Drive, North Tonawanda, 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
448.5-19	boys bathroom	S	11:05	0	6050411	
448.5-20	boys bathroom	s	14:05	0	6050412	
448.5-21	boys bathroom	s	11:05	0	6050413	
448.5-22	boys locker room	s	11:08	0	6050414	
448.5-23	boys locker room bathroom	s	11:08	0	6050415	
448.5-24	girls locker room	S	11:11	0	6050416	
448.5-25	girls locker room	s	11:11	0	6050417	
448.5-26	17	s	11:13	0	6050418	
448.5-27	15	s	11:15	0	6050419	
448.5-28	13	s	11:16	0	6050420	
448.5-29	11	s	11:19	0	6050421	
448.5-30	11	b	11:20	0	6050422	
448.5-31	11	s	11:20	0	6050423	
448.5-32	18	s	11:22	0	6050424	
448.5-33	18	b	11:22	0	6050425	
448.5-34	18	s	11:23	0	6050426	
448.5-35	storage	s	11:25	0	6050427	
448.5-36	16	s	11:26	0	6050428	

Notes:

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

Sampled By: [Signature] Print Name Stohl Env: Joseph Mecca Date: 10/1/2016

Relinquished By: [Signature] Print Name Stohl Env: Joseph Mecca Date: 10/3/2016

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: _____



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Submitted to: (Lab Name) IATL

STOHL Job # 2016L-448.5

Client: North Tonawanda CSD Contact: Mark Rampado

Building: Drake Elementary School Location: 388 Drake Drive, North Tonawanda, 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
448.5-37	16	b	11:26	NA	6050429	
448.5-38	16	s	11:26	NA	6050430	
448.5-39	14	s	11:29	NA	6050431	
448.5-40	14	b	11:29	NA	6050432	
448.5-41	14	s	11:29	NA	6050433	
448.5-42	10	s	11:31	NA	6050434	
448.5-43	10	b	11:31	NA	6050435	
448.5-44	10	s	11:31	NA	6050436	
448.5-45	12	s	11:34	NA	6050437	
448.5-46	12	b	11:34	NA	6050438	
448.5-47	12	s	11:34	NA	6050439	
448.5-48	8	s	11:38	NA	6050440	
448.5-49	8	b	11:38	NA	6050441	
448.5-50	8	s	11:37	NA	6050442	
448.5-51	women's staff bathroom	s	11:42	NA	6050443	
448.5-52	hallway	df	11:42	halsey Taylor wc8afsq 1f	6050444	
448.5-53	men's staff bathroom	s	11:43	NA	6050445	
448.5-54	faculty lounge	s	11:46	NA	6050446	

Notes:

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

Sampled By: [Signature] Print Name Stohl Env: Joseph Mecca Date: 10/1/2016

Relinquished By: [Signature] Print Name Stohl Env: Joseph Mecca Date: 10/3/2016

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: _____



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Submitted to: (Lab Name) IATL

STOHL Job # 2016L-448.5

Client: North Tonawanda CSD

Contact: Mark Rampado

Building: Drake Elementary School

Location: 388 Drake Drive, North Tonawanda, 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
448.5-55	hallway outside faculty lounge	b	11:46	NA	6050447	
448.5-56	Main office bathroom	s	11:51	NA	6050448	
448.5-57	1	s	11:52	NA	6050449	
448.5-58	1	b	11:56	NA	6050450	
448.5-59	1	s	11:53	NA	6050451	
448.5-60	health office	s	11:56	NA	6050452	
448.5-61	health office bathroom	s	11:56	NA	6050453	
448.5-62	2	s	11:59	NA	6050454	
448.5-63	2	s	11:59	NA	6050455	
448.5-64	3	s	12:03	NA	6050456	
448.5-65	3	b	12:04	NA	6050457	
448.5-66	3	s	12:04	NA	6050458	
448.5-67	5	s	12:06	NA	6050459	
448.5-68	5	s	12:06	NA	6050460	
448.5-69	4	s	12:10	NA	6050461	
448.5-70	4	s	12:10	NA	6050462	
448.5-71	7	s	12:13	NA	6050463	
448.5-72	7	b	12:14	NA	6050464	

Notes:

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

Sampled By: [Signature] Print Name Stohl Env: Joseph Mecca Date: 10/1/2016

Relinquished By: [Signature] Print Name Stohl Env: Joseph Mecca Date: 10/3/2016

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: _____



STOHL Job # 2016L-448.5



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- 1.7 Photo documentation of Outlets Above Action Level for rooms where there are multiple outlets in a room

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View of Kitchen Sink Location, Sample #:
448.5-75



View of Kitchen Spigot Location, Sample #:
448.5-76