

October 31, 2016

Mr. David Spacone City School District of the City of Niagara Falls Director of Facilities 630 66th Street Niagara Falls, New York 14304

RE: Investigation and Sampling of Drinking Water for Lead Concentrations

Dear Mr. Spacone:

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

Cataract Elementary School, 6431 Girard Avenue, 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 or equal to the NYS "Action Level of 15 parts per billion (ppb)".

The Investigation and Sampling was performed on September 24, 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, 6 sources of potable water in the Cataract Elementary School Building 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 City School District of the City of Niagara Falls.

Sincerely,

Stohl Environmental, LLC.

William K. Sisco

PROJECT MANAGER

Willege

Investigation and Sampling Of Sources of Potable Water For Lead Concentrations

Prepared for:

Mr. David Spacone
City School District of the City of Niagara Falls
Director of Facilities
630 66th Street
Niagara Falls, New York 14304

Prepared by:



ENVIRONMENTAL CONSULTANTS - A MEMBER OF THE STOHL GROUP OF COMPANIES

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

Conditions as of September 24, 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



1.1 Sampling Protocol and Summary of Results:

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

• Cataract Elementary School, 6431 Girard Avenue, Niagara Falls, New York.

Scope of Work:

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

Stohl File #: 2016L-111

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 First Draw & Confirmatory Samples:

Building	Date of	Total	First Drav	v Samples	Confirmatory Samples **		
Name	Sample Event	Number Samples Collected	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	
Cataract Elementary School	09/24/16	62	56	6	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

		ed above the NYS Action Level oles and Confirmatory Samples	of 15 parts per billio	n based upon
Sample #	Sample Type	Classroom or other Location	Fixture/Outlet type	Laboratory Analysis in ppb
111.2-6	First Draw	Kitchen Hand Washing Sink	Sink	22.0
111.2-9	First Draw	Cafeteria Drinking Fountain	Drinking Fountain	29.4
111.2-51	First Draw	Drinking Fountain, Hall Outside Room 184	Drinking Fountain	40.0
111.2-58	First Draw	Hose Bib Outside Room 120	Hose Bib	20.5
111.2-59	First Draw	Hose Bib Outside Main Entrance	Hose Bib	380
111.2-60	First Draw	Hose Bib Outside Room 178	Hose Bib	128

Stohl File #: 2016L-111



A MEMBER OF THE STOHL GROUP OF COMPANIES

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

Analysis Report

Schneider Laboratories Global, Inc

2512 W. Cary Street • Richmond, Virginia • 23220-5117 804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475

Customer: Stohl Environmental, LLC (4507)

4169 Allendale Parkway Address:

Blasdell, NY 14219

Attn:

Project: Cataract Elem

-Location: 6431 Girard Ave Niagara Falls

Number: 2016L-111.3 Order #:

186521

Matrix **Drinking Water** Received Reported

09/29/16 10/27/16

PO Number:

Sample ID Parameter	Cust. Sample ID	Location Method	Result	RL*	Units	Analysis Date	Analyst
	111.2-1	Boiler HB	Result	RL.	Units	Allalysis Date	AllalySt
186521-001 Metals And		DOILEI LID					
Lead	arysis	EPA 200.9 Rev 2.2	<5.00	5.00	μg/L	10/25/16	SA
186521-002	111.2-2	Boiler HB					
Metals Ana	alysis						
Lead	-	EPA 200.9 Rev 2.2	<5.00	5.00	μg/L	10/25/16	SA
186521-003	111.2-3	Kitchen S					
Metals And	alysis						
Lead		EPA 200.9 Rev 2.2	<5.00	5.00	μg/L	10/25/16	SA
186521-004	111.2-4	Kitchen S					
Metals And	alysis						
Lead		EPA 200.9 Rev 2.2	<5.00	5.00	μg/L	10/25/16	SA
186521-005	111.2-5	Kitchen S					
Metals And	alysis						
Lead		EPA 200.9 Rev 2.2	<5.00	5.00	μg/L	10/25/16	SA
186521-006	111.2-6	Kitchen S					
Metals And	alysis	ED4 000 0 D 0 0		5 00	"	40/05/40	0.4
Lead		EPA 200.9 Rev 2.2	22.0	5.00	μg/L	10/25/16	SA
186521-007	111.2-7	Womens Bathroom S					
Metals And Lead	alysis	EPA 200.9 Rev 2.2	.F. 00	5.00	/1	10/25/16	SA
			<5.00	5.00	μg/L	10/25/16	SA
186521-008	111.2-8	Men's Bathroom S					
Metals And Lead	aiysis	EPA 200.9 Rev 2.2	<5.00	5.00	μg/L	10/25/16	SA
186521-009	111.2-9	Cafeteria DF	40.00	0.00	m 9/ =	. 6, 26, . 6	3 7.
Metals And		Odrotona Di					
Lead	,	EPA 200.9 Rev 2.2	29.4	5.00	μg/L	10/25/16	SA
186521-010	111.2-10	Boys Bathroom S					
Metals And	alysis						
Lead		EPA 200.9 Rev 2.2	<5.00	5.00	μg/L	10/25/16	SA
186521-011	111.2-11	Hallway Next Cafeteria DF					
Metals And Lead	alysis	EPA 200.9 Rev 2.2	<5.00	5.00	μg/L	10/25/16	SA

All internal QC parameters were met. Unusual sample conditions, if any, are described. Surrogate Spike results designated with "D" indicate that the analyte was diluted out. "MI" indicates matrix interference. Concentration and *Reporting Limit (RL) based on areas provided by client. Values are reported to three significant figures. Solid PPM = mg/kg | PPB = $\mu g/kg$ and Water PPM = mg/L | PPB = $\mu g/L$. The test results reported relate only to the samples submitted.

SLGi

Analysis Report

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Customer: Stohl Environmental, LLC (4507)

Address: 4169 Allendale Parkway

Blasdell, NY 14219

Attn:

Project: Cataract Elem

Location: 6431 Girard Ave Niagara Falls

Number: 2016L-111.3

Order #: 186521

MatrixDrinking WaterReceived09/29/16Reported10/27/16

PO Number:

Sample ID	Cust. Sample ID	Location					
Parameter		Method	Result	RL*	Units	Analysis Date	Analyst
186521-012	111.2-12	Boys Bathroom S					
Metals An	alysis						
Lead		EPA 200.9 Rev 2.2	<5.00	5.00	μg/L	10/25/16	SA
186521-013	111.2-13	Boys Bathroom S					
Metals And	alysis						
Lead		EPA 200.9 Rev 2.2	<5.00	5.00	μg/L	10/25/16	SA
186521-014	111.2-14	Staff Bathroom S					
Metals And	alysis						
Lead		EPA 200.9 Rev 2.2	<5.00	5.00	μg/L	10/25/16	SA
186521-015	111.2-15	Staff Bathroom S					
Metals And	alysis						
Lead		EPA 200.9 Rev 2.2	<5.00	5.00	μg/L	10/25/16	SA
186521-016	111.2-16	Girls Bathroom S					
Metals And	alysis						
Lead		EPA 200.9 Rev 2.2	<5.00	5.00	μg/L	10/25/16	SA
186521-017	111.2-17	Girls Bathroom S					
Metals And	alysis						
Lead		EPA 200.9 Rev 2.2	5.18	5.00	μg/L	10/25/16	SA
186521-018	111.2-18	Girls Bathroom S					
Metals And	alysis						
Lead		EPA 200.9 Rev 2.2	<5.00	5.00	μg/L	10/25/16	SA
186521-019	111.2-19	103 S					
Metals And	alysis	-D.			,,		
Lead		EPA 200.9 Rev 2.2	<5.00	5.00	μg/L	10/25/16	SA
186521-020	111.2-20	103 Bathroom S					
Metals And	alysis	EDA 000 0 D 0 0		5 00	"	10/05/10	0.4
Lead		EPA 200.9 Rev 2.2	<5.00	5.00	μg/L	10/25/16	SA
186521-021	111.2-21	120 S					
Metals And	alysis	EDA 000 0 D 0 0	F 00	F 00	/!	40/05/40	CA
Lead		EPA 200.9 Rev 2.2	<5.00	5.00	μg/L	10/25/16	SA
186521-022	111.2-22	122 S					
Metals And	alysis	EDA 000 0 D 0 0	F 00	F 00	/!	40/05/40	CA
Lead		EPA 200.9 Rev 2.2	<5.00	5.00	μg/L	10/25/16	SA

All internal QC parameters were met. Unusual sample conditions, if any, are described. Surrogate Spike results designated with "D" indicate that the analyte was diluted out. "MI" indicates matrix interference. Concentration and *Reporting Limit (RL) based on areas provided by client. Values are reported to three significant figures. Solid PPM = mg/kg | PPB = μ g/kg and Water PPM = mg/L | PPB = μ g/L. The test results reported relate only to the samples submitted.

Analysis Report

Schneider Laboratories Global, Inc

2512 W. Cary Street • Richmond, Virginia • 23220-5117 804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475

Customer: Stohl Environmental, LLC (4507)

4169 Allendale Parkway Address:

Blasdell, NY 14219

Attn:

Project: Cataract Elem

Location: 6431 Girard Ave Niagara Falls

Number: 2016L-111.3 Order #:

186521

Matrix **Drinking Water** Received 09/29/16 Reported

10/27/16

PO Number:

Sample ID	Cust. Sample ID	Location					
Parameter		Method	Result	RL*	Units	Analysis Date	Analyst
186521-023	111.2-23	113 S					
Metals And	alysis						
Lead		EPA 200.9 Rev 2.2	<5.00	5.00	μg/L	10/25/16	SA
186521-024	111.2-24	Main Office Store Room S					
Metals An	alysis						
Lead		EPA 200.9 Rev 2.2	<5.00	5.00	μg/L	10/25/16	SA
186521-025	111.2-25	162 S					
Metals And	alysis						
Lead		EPA 200.9 Rev 2.2	<5.00	5.00	μg/L	10/25/16	SA
186521-026	111.2-26	140 S					
Metals And	alysis						
Lead		EPA 200.9 Rev 2.2	<5.00	5.00	μg/L	10/25/16	SA
186521-027	111.2-27	Gym DF					
Metals And	alysis						
Lead		EPA 200.9 Rev 2.2	<5.00	5.00	μg/L	10/25/16	SA
186521-028	111.2-28	Girls Locker Room S					
Metals And	alysis						
Lead		EPA 200.9 Rev 2.2	12.3	5.00	μg/L	10/25/16	SA
186521-029	111.2-29	Girls Locker Room S					
Metals And	alysis						
Lead		EPA 200.9 Rev 2.2	<5.00	5.00	μg/L	10/25/16	SA
186521-030	111.2-30	Boys Locker Room S					
Metals And	alysis						
Lead		EPA 200.9 Rev 2.2	<5.00	5.00	μg/L	10/25/16	SA
186521-031	111.2-31	Boys Locker Room S					
Metals And	alysis						
Lead		EPA 200.9 Rev 2.2	<5.00	5.00	μg/L	10/25/16	SA
186521-032	111.2-32	Boys Locker Room S					
Metals And	alysis						
Lead		EPA 200.9 Rev 2.2	<5.00	5.00	μg/L	10/25/16	SA
186521-033	111.2-33	Pool DF					
Metals And	alysis						
Lead		EPA 200.9 Rev 2.2	<5.00	5.00	μg/L	10/25/16	SA

All internal QC parameters were met. Unusual sample conditions, if any, are described. Surrogate Spike results designated with "D" indicate that the analyte was diluted out. "MI" indicates matrix interference. Concentration and *Reporting Limit (RL) based on areas provided by client. Values are reported to three significant figures. Solid PPM = mg/kg | PPB = $\mu g/kg$ and Water PPM = mg/L | PPB = $\mu g/L$. The test results reported relate only to the samples submitted.

SLGi*

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Customer: Stohl Environmental, LLC (4507)

Address: 4169 Allendale Parkway

Blasdell, NY 14219

Attn:

Project: Cataract Elem

-Location: 6431 Girard Ave Niagara Falls

Number: 2016L-111.3

Order #:

186521

Matrix Received Reported Drinking Water 09/29/16

10/27/16

PO Number:

Sample ID	Cust. Sample ID	Location					
Parameter		Method	Result	RL*	Units	Analysis Date	Analyst
186521-034	111.2-34	Pool Boiler HB					
Metals And	alysis						
Lead		EPA 200.9 Rev 2.2	6.68	5.00	μg/L	10/25/16	SA
186521-035	111.2-35	Gym Bathroom S					
Metals An	alysis						
Lead		EPA 200.9 Rev 2.2	<5.00	5.00	μg/L	10/25/16	SA
186521-036	111.2-36	Hall Outside 174 DF					
Metals And	alysis						
Lead		EPA 200.9 Rev 2.2	<5.00	5.00	μg/L	10/25/16	SA
186521-037	111.2-37	Boys Bathroom S					
Metals And	alysis						
Lead		EPA 200.9 Rev 2.2	<5.00	5.00	μg/L	10/25/16	SA
186521-038	111.2-38	Boys Bathroom S					
Metals And	alysis						
Lead		EPA 200.9 Rev 2.2	<5.00	5.00	μg/L	10/25/16	SA
186521-039	111.2-39	Boys Bathroom S					
Metals And	alysis						
Lead		EPA 200.9 Rev 2.2	<5.00	5.00	μg/L	10/25/16	SA
186521-040	111.2-40	Staff Bathroom S					
Metals And	alysis						
Lead		EPA 200.9 Rev 2.2	<5.00	5.00	μg/L	10/25/16	SA
186521-041	111.2-41	Staff Bathroom S					
Metals And	alysis						
Lead		EPA 200.9 Rev 2.2	<5.00	5.00	μg/L	10/25/16	SA
186521-042	111.2-42	Girls Bathroom S					
Metals And	alysis						
Lead		EPA 200.9 Rev 2.2	<5.00	5.00	μg/L	10/25/16	SA
186521-043	111.2-43	Girls Bathroom S					
Metals And	alysis						
Lead		EPA 200.9 Rev 2.2	<5.00	5.00	μg/L	10/25/16	SA
186521-044	111.2-44	Girls Bathroom S					
Metals And	alysis						
Lead		EPA 200.9 Rev 2.2	<5.00	5.00	μg/L	10/25/16	SA

All internal QC parameters were met. Unusual sample conditions, if any, are described. Surrogate Spike results designated with "D" indicate that the analyte was diluted out. "MI" indicates matrix interference. Concentration and *Reporting Limit (RL) based on areas provided by client. Values are reported to three significant figures. Solid PPM = mg/kg | PPB = μ g/kg and Water PPM = mg/L | PPB = μ g/L. The test results reported relate only to the samples submitted.

SLGi

Analysis Report

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2512 W. Cary Street • Richmond, Virginia • 23220-5117 804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475

Customer: Stohl Environmental, LLC (4507)

Address: 4169 Allendale Parkway

Blasdell, NY 14219

Attn:

Project: Cataract Elem

Location: 6431 Girard Ave Niagara Falls

Number: 2016L-111.3

Order #:

186521

 Matrix
 Drinking Water

 Received
 09/29/16

 Reported
 10/27/16

PO Number:

Sample ID	Cust. Sample ID	Location					
Parameter		Method	Result	RL*	Units	Analysis Date	Analyst
186521-045	111.2-45	STEM Lab S					
Metals And	alysis						
Lead		EPA 200.9 Rev 2.2	<5.00	5.00	μg/L	10/25/16	SA
186521-046	111.2-46	STEM Lab Small Room S					
Metals An	alysis						
Lead		EPA 200.9 Rev 2.2	<5.00	5.00	μg/L	10/25/16	SA
186521-047	111.2-47	191 S					
Metals And	alysis						
Lead		EPA 200.9 Rev 2.2	<5.00	5.00	μg/L	10/25/16	SA
186521-048	111.2-48	183 S					
Metals And	alysis						
Lead		EPA 200.9 Rev 2.2	8.82	5.00	μg/L	10/25/16	SA
186521-049	111.2-49	184 S					
Metals And	alysis						
Lead		EPA 200.9 Rev 2.2	6.26	5.00	μg/L	10/25/16	SA
186521-050	111.2-50	184 S					
Metals And	alysis						
Lead		EPA 200.9 Rev 2.2	6.38	5.00	μg/L	10/25/16	SA
186521-051	111.2-51	Hall Outside 184 DF					
Metals And	alysis						
Lead		EPA 200.9 Rev 2.2	40.0	5.00	μg/L	10/26/16	SA
186521-052	111.2-52	190 S					
Metals And	alysis						
Lead		EPA 200.9 Rev 2.2	<5.00	5.00	μg/L	10/26/16	SA
186521-053	111.2-53	190 S					
Metals And	alysis						
Lead		EPA 200.9 Rev 2.2	<5.00	5.00	μg/L	10/26/16	SA
186521-054	111.2-54	190 S					
Metals And	alysis						
Lead		EPA 200.9 Rev 2.2	<5.00	5.00	μg/L	10/26/16	SA
186521-055	111.2-55	190 S					
Metals And	alysis						
Lead		EPA 200.9 Rev 2.2	<5.00	5.00	μg/L	10/26/16	SA

All internal QC parameters were met. Unusual sample conditions, if any, are described. Surrogate Spike results designated with "D" indicate that the analyte was diluted out. "MI" indicates matrix interference. Concentration and *Reporting Limit (RL) based on areas provided by client. Values are reported to three significant figures. Solid PPM = mg/kg | PPB = μ g/kg and Water PPM = mg/L | PPB = μ g/L. The test results reported relate only to the samples submitted.

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Customer: Stohl Environmental, LLC (4507)

Address: 4169 Allendale Parkway

Blasdell, NY 14219

Attn:

Project: Cataract Elem

Location: 6431 Girard Ave Niagara Falls

Number: 2016L-111.3

Order #:

186521

Matrix Received Drinking Water

09/29/16 10/27/16

PO Number:

Reported

Sample ID	Cust. Sample ID	Location					
Parameter		Method	Result	RL*	Units	Analysis Date	Analyst
186521-056	111.2-56	185 S					
Metals And	alysis						
Lead		EPA 200.9 Rev 2.2	<5.00	5.00	μg/L	10/26/16	SA
186521-057	111.2-57	186 S					
Metals And	alysis						
Lead		EPA 200.9 Rev 2.2	7.53	5.00	μg/L	10/26/16	SA
186521-058	111.2-58	Outside 120 HB					
Metals And	alysis						
Lead		EPA 200.9 Rev 2.2	20.5	5.00	μg/L	10/26/16	SA
186521-059	111.2-59	Outside Main Ent HB					
Metals And	alysis						
Lead		EPA 200.9 Rev 2.2	380	50.0	μg/L	10/26/16	SA
186521-060	111.2-60	Outside 178					
Metals And	alysis						
Lead		EPA 200.9 Rev 2.2	128	50.0	μg/L	10/26/16	SA
186521-061	111.2-61	Outside 171					
Metals And	alysis						
Lead		EPA 200.9 Rev 2.2	14.2	5.00	μg/L	10/26/16	SA
186521-062	111.2-62	Outside 186					
Metals And	alysis						
Lead		EPA 200.9 Rev 2.2	14.3	5.00	μg/L	10/26/16	SA
400504 40/07/	40 00 44 DN						

186521-10/27/16 03:41 PM

Abisola O Kasali

EPA Regulatory Limits

 $\begin{array}{lll} \mbox{Parameter} & \mbox{Reg. Limit} & \mbox{Unit} \\ \mbox{Lead} & 15.0 & \mbox{$\mu g/L$} \end{array}$

Metals Supervisor



Analysis Report

Schneider Laboratories Global, Inc

2512 W. Cary Street • Richmond, Virginia • 23220-5117 804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475

Customer: Stohl Environmental, LLC (4507)

Address: 4169 Allendale Parkway

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Project: Cataract Elem

-Location: 6431 Girard Ave Niagara Falls

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Matrix Drinking Water Received 09/29/16

Reported 09/29/16 **Reported** 10/27/16

PO Number:

Sample ID	Cust. Sample ID	Location					
Parameter		Method	Result	RI*	Units	Analysis Date	Analyst

<u>Certifications</u>									
Parameter	Method	Matrix	CA	СТ	FL	NJ	NY	RI	VA
Lead	EPA 200.9 Rev 2.2	Drinking Water	Х	Χ	Χ	Χ	Χ	Χ	Χ
<u>Key</u>									
State	Regulatory Agency	Regulatory Agency - Lab ID		Certificate Number					
CA	CA ELAP				2078				
CT	CT DPH				PH-01	18			
FL	FL ELAP				E8782	28			
NJ	NJDEP				NLC1	60001			
NY	NYELAP-11413				55043	3			
RI	RIDOH				LAO0	0084			
VA	Virginia DCLS/DEQ -	460135			8615				

^{&#}x27;X' indicates that the analyte is accredited.

If your state is not listed above, call laboratory for accreditation/certification information.



1.5 Laboratory Certifications



Expires 12:01 AM April 01, 2017 Issued September 22, 2016

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

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

MR. FAYEZ ABOUZAKI SCHNEIDER LABORATORIES GLOBAL, INC. 2512 WEST CARY STREET RICHMOND, VA 23220-5117

NY Lab Id No: 11413

is hereby APPROVED as an Environmental Laboratory in conformance with the National Environmental Laboratory Accreditation Conference Standards (2003) for the category ENVIRONMENTAL ANALYSES POTABLE WATER All approved analytes are listed below:

Metals I

Lead, Total

EPA 200.9 Rev. 2.2



ork Department TATE of Health

Serial No.: 55043

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.





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. FAYEZ ABOUZAKI SCHNEIDER LABORATORIES GLOBAL, INC 2512 WEST CARY STREET RICHMOND, VA 23220-5117 NY Lab Id No: 11413

is hereby APPROVED as an Environmental Laboratory in conformance with the National Environmental Laboratory Accreditation Conference Standards (2003) for the category ENVIRONMENTAL ANALYSES NON POTABLE WATER

All approved analytes are listed below:

Metals I

Lead, Total EPA 200.7 Rev. 4.4

EPA 6010C EPA 7000B

EPA 3020A

EPA 200.9 Rev. 2.2

Sample Preparation Methods

EPA 3010A EPA 3005A

Department OF Health

Serial No.: 54667

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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. FAYEZ ABOUZAKI SCHNEIDER LABORATORIES GLOBAL, INC 2512 WEST CARY STREET RICHMOND, VA 23220-5117

NY Lab Id No: 11413

EPA 8082A

EPA 3050B EPA 3550C EPA 3031

is hereby APPROVED as an Environmental Laboratory in conformance with the National Environmental Laboratory Accreditation Conference Standards (2003) for the category ENVIRONMENTAL ANALYSES SOLID AND HAZARDOUS WASTE All approved analytes are listed below:

Characteristic Testing		Polychlorinated Biphenyls
TCLP	EPA 1311	PCB-1268
Metals I		Sample Preparation Methods
Barium, Total	EPA 6010C	
Cadmium, Total	EPA 6010C	
Chromium, Total	EPA 6010C	' Department
Lead, Total	EPA 6010C	
	EPA 7000B	of Health
Nickel, Total	EPA 6010C	
Silver, Total	EPA 6010C	
Metals II		
Antimony, Total	EPA 6010C	
Arsenic, Total	EPA 6010C	
Chromium VI	EPA 7196A	
Mercury, Total	EPA 7471B	
Selenium, Total	EPA 6010C	
Polychlorinated Biphenyls		
PCB-1016	EPA 8082A	
PCB-1221	EPA 8082A	
PCB-1232	EPA 8082A	
PCB-1242	EPA 8082A	
PCB-1248	EPA 8082A	
PCB-1254	EPA 8082A	
PCB-1260	EPA 8082A	

Serial No.: 54668

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.

EPA 8082A



PCB-1262



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. FAYEZ ABOUZAKI SCHNEIDER LABORATORIES GLOBAL, INC 2512 WEST CARY STREET RICHMOND, VA 23220-5117 NY Lab Id No: 11413

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:

Miscellaneous

Asbestos in Friable Material

EPA 600/M4/82/020

Asbestos in Non-Friable Material-PLM

Item 198.6 of Manual (NOB by PLM)

Lead in Dust Wipes

EPA 7000B

Lead in Paint

EPA 7000B

EPA 3050B

Sample Preparation Methods

YORK STATE

W_{RK} Department ATE of Health

Serial No.: 54669

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.



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

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

MR. FAYEZ ABOUZAKI SCHNEIDER LABORATORIES GLOBAL, INC 2512 WEST CARY STREET RICHMOND. VA 23220-5117 NY Lab Id No: 11413

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

40 CFR PART 50 1984 APP G

Miscellaneous

Fibers NIOSH 7400 A RULES



Department of Health

Serial No.: 54670

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)

Schneider_

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

STOHL Job#

2016L-111.3

	営 (716) 312-0070 ≥ (716) 312-8092 www.stohlenvironmental.com	·				·
Client: Niagar	Falls CSD		Contact:	Dave Spacone		
Building: <u>Catara</u>	ict Elem		Location:	6431 Girard Ave. Ni	agara Falls NY	
LEAD	_ 				Turnaround	
Water by AAS-GI	F: ASTM D3559-03D, US EP	A 200.9	X	·	5 Days	
Sample #	Location	Outlet Type	Time	Cooler Model	Lab ID	Results
111.2-1	Boiler	HB	15:11	0		
111.2-2	Boiler	HB	15:14	0		
111.2-3	Kitchen	s	12:50	. 0		
111.2-4	Kitchen	s	12:50	0		-
111.2-5	Kitchen	S	12:51	0		
111.2-6	Kitchen	S	12:51	0		
111.2-7	Womens bathroom	S	12:57	0		
111.2-8	Men's bathroom	s	12:58	0		
111.2-9	Cafeteria	DF	13:01	LISEA-8-1A		
111.2-10	Boys bathroom	s	13:08	0		
111.2-11	Hallway next to cafeteria	DF	13:04	HTV8Q_1E		
111.2-12	Boys bathroom	s	13:08	. 0		
111.2-13	Boys bathroom	S	13:08	0		- 1
111.2-14	Staff bathroom	S	0:00	0	186521	S
111.2-15	Staff bathroom	s	13:10	0		
111.2-16	Girls bathroom	s	13:14	0		
111.2-17	Girls bathroom	s	13:14	0		36\186521
111.2-18	Girls bathroom	S	13:14	0	fghraizi Federal Express	9/29/2016 2:4 5:00 78420)4109
Notes: Please e-mail lab	results to labs@stohlenv.co	m If che	ecked, also e-m	nail results to:		
Sampled By:	Tim Thrift	Print Name	Stohl Env:	Tim Thrift	Date: 9/24/2016	
Relinquished By:	_E. Helg_	_ Print Name	Stohl Env:	Eric Henderson Jr.	Date: 9/27/2016	
Received (Name	ν		Date:		Time:	
Sample Login (N	ame / Lab):		Date:		Time:	
Analysis (Name /	Lab):		Date:		Time:	
QA/QC Review (Name / Lab):		Date:	<u> </u>	Time:	
Archived / Relea	sed: QA/QC InterL	AB Use:	Date:		Time:	

_1 of <u>4</u>

Page



Chain of Custody Document

Submitted to: (Lab Name) Schneider ENVIRONMENTAL CONSULTANTS . A M 4169 ALLENDALE PKW1 (716) 312-00 www.stohle

ENVIRONMENTAL CONSULTANTS - A MEMBER OF THE STOHL GROUP OF COMPANIES 4169-ALLENDÁLE PKWY. BUFFALO, NEW YORK 14219 章 (716)312-0070 章 (716)312-0092 www.stohlenvironmental.com		STOHL	STOHL Job# 2016L-111.3			
Client:	Niagar Falls CSD	Contact: Dave Spacone				
Building:	Cataract Elem	Location: 6431 Girard Ave.	Niagara Falls NY	·]		
LEAD			Turnaround	d		
Water by	AAS-GF: ASTM D3559-03D, US EPA 200.9	x	5 Days			

Sample #	Location	Outlet Type	Time	Cooler Model	Lab ID	Results
111.2-19	103	S	13:17	0		
111.2-20	103 bathroom	s	13:17	0		
111.2-21	120	S	13:18	0		
111.2-22	122	S	13:19	0		
111.2-23	113	S	13:20	0		
111.2-24	Main Office store room	s	13:25	0		
111.2-25	162	S	13:28	0		
111.2-26	140	S	13:30	0		
111.2-27	Gym	DF	13:32	EZFS8_1B		
111.2-28	Girls locker room	Sink	13:35	0		
111.2-29	Girls locker room	Sink	13:35	0		
111.2-30	Boys locker room	S	13:48	0		
111.2-31	Boys locker room	S	13:48	0		
111.2-32	Boys locker room	S	13:49	0		
111.2-33	Pool ·	DF	13:53	LISEA-8-1A		
111.2-34	Pool boiler	HB	13:54	, 0		
111.2-35	Gym bathroom	S	13:59	0		
111.2-36	Hall outside 174	DF	14:01	LISEA-8-1A		

Notes: Please e-mail lab results to labs@stohlenv.com				
· · · · · · · · · · · · · · · · · · ·	int Name	Stohl Env:	Tim Thrift	Date: 9/24/2016
Relinquished By: Pri	int Name	Stohl Env: E	ric Henderson Jr.	Date: 9/27/2016
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 U	/se:	Date:		Time:

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Notes:

Chain of Custody Document

Schneider

Submitted to: (Lab Name)

ENVIRONMENTAL CONSULTANTS - A MEMBER OF THE STOHL GROUP OF COMPANIES
4169 ALLENDALE PKWY. BUFFALO, NEW YORK 14219
2016L-111.3
2(716)312-0070-18 (716)312-8092
www.stohlenvironmental.com

Client: Niagar Falls CSD
Contact: Dave Spacone

Building: Cataract Elem
Location: 6431 Girard Ave. Niagara Falls NY

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

X
5 Days

Sample #	Location	Outlet Type	Time	Cooler Model	Lab ID	Results
111.2-37	Boys bathroom	S	14:03	0		
111.2-38	Boys bathroom	S	14:03	0		
111.2-39	Boys bathroom	S	14:04	0		
111.2-40	Staff bathroom	S	14:09	0		
111.2-41	Staff bathroom	S	14:09	0	·	
111.2-42	Girls bathroom	S	14:10	. 0		
111.2-43	Girls bathroom	S	14:10	. 0		
111.2-44	Girls bathroom	S	14:11	0		
111.2-45	STEM lab	S	14:15	0		
111.2-46	STEM lab small room	S	14:16	0		
111.2-47	191	S	14:22	0		
111.2-48	183	S	14:24	0		
111.2-49	184	S	14:27	0		
111.2-50	184	S	14:27	0		
111.2-51	Hall outside 184	DF	14:29	LISE-8-1A		
111.2-52	190	S	14:34	.0		
111.2-53	190	\$	14:34	0		
111.2-54	190	S	14:34	0		T

Please e-mail lab results to labs@stohlenv.com						
Sampled By: Tim Thrift	Print Name	Stohl Env:	Tim Thrift	Date: 9/24/2016		
Relinquished By:	Print Name	Stohl Env:	Eric Henderson Jr.	Date: 9/27/2016		
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:		

3 of _4_

Page



Analysis (Name / Lab):

QA/QC Review (Name / Lab):

Chain of Custody Document

Submitted to: (Lab Name) Schneider STOHL Job# 2016L-111.3 ENVIRONMENTAL CONSULTANTS - A MEMBER OF THE STOHL GROUP OF COMPANIES 4169 ALLENDALE PKWY. BUFFALO, NEW YORK 14219 曾(716)312-0070 省(716)312-8092 www.stohlenvironmental.com Client: Niagar Falls CSD Contact: Dave Spacone Building: Cataract Elem Location: 6431 Girard Ave. Niagara Falls NY LEAD Turnaround Water by AAS-GF: ASTM D3559-03D, US EPA 200.9 Χ 5 Days Sample # Location **Outlet Type** Time Cooler Model Lab ID Results 190 14:35 111.2-55 0 14:38 111,2-56 185 0 S 111.2-57 186 S 14:40 0 111.2-58 Outside 120 HB 14:55 ō 111.2-59 Outside main entrance HB 14:57 0 111.2-60 14:58 0 Outside 178 HB 111.2-61 HB 15:02 Outside 171 0 111.2-62 Outside 186 HB 15:02 ō Please e-mail lab results to labs@stohlenv.com Sampled By: Tim Thrift Print Name Stohl Env: Tim Thrift Date: 9/24/2016 Relinquished By: ______ Print Name Stohl Env: Eric Henderson Jr. Date: 9/27/2016 Date: _____ Time: Received (Name / Lab): Date: _____ Sample Login (Name / Lab): Time: ______

Page <u>4</u> of <u>4</u>

Archived / Released: _____QA/QC InterLAB Use: _____ Date: _____

Date: _____

Date: _____

Time: _____

Time: _____