

A MEMBER OF THE STOHL GROUP OF COMPANIES

October 24, 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:

• Hyde Park Elementary School, 1620 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 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, 10 sources of potable water in the Hyde Park 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.

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William K. Sisco PROJECT MANAGER

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 22 (716) 312-0070 12 (716) 312-8092 www.stohlenvironmental.com

Conditions as of September 24, 2016



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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



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1.1 Sampling Protocol and Summary of Results:

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

• Hyde Park Elementary School, 1620 Hyde Park Boulevard, Niagara Falls, New York.

Scope of Work:

Stohl Environmental was charged with collecting first-draw water samples from all outlets in Hyde Park 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.
- 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 Number of Numbe Samples Sampl Below Abov Action level Action L of 15 ppb of 15 p		Confirmatory SamplesNumber of SamplesNumber o SamplesBelowAboveAction level of 15 ppbAction Lev of 15 ppb		
Hyde Park Elementary School	09/24/16	77	67	10	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

		pies and committatory camples		
Sample #	Sample Type	Classroom or other Location	Fixture/Outlet type	Laboratory
				Analysis in
				ppb
111.6-8	First Draw	Classroom 2 Bathroom	Sink	78.1
111.6-10	First Draw	Classroom 3	Bubbler	22.7
111.6-12	First Draw	Handicapped Bathroom	Sink	39.7
111.6-19	First Draw	Classroom 11 Closest to the	Sink	18.4
		Entry Door		
111.6-43	First Draw	Boy's Gym	Drinking Fountain	23.5
111.6-44	First Draw	PEG Kitchen	Sink	156
111.6-47	First Draw	Corridor Outside Gym	Drinking Fountain	17.4
111.6-48	First Draw	Men's Bathroom, near Speech	Sink	105
		Room		
111.6-49	First Draw	Speech Room	Sink	26.1
111.6-71	First Draw	Outside Room C5	Hose Bib	30.7



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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

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

PO Number:

Customer:	Stohl Environmental, LLC (4507)						
Address:	4169 Allendale Parkway						
	Blasdell, NY 14219						

Attn:

Project:	Hyde Park Elem
-Location:	1620 Hyde Park Blvd
Number:	2016L-111.16

186744				
Drinking Water				
09/30/16				
10/19/16				
	Drinking Water 09/30/16			

Sample ID Cust. Sample ID Location Parameter Method Result RL* Units Analysis Date Analyst 186744-001 111.6-1 C1 Metals Analysis Lead EPA 200.9 Rev 2.2 5.00 10/17/16 SA 7.66 µg/L 186744-002 111.6-2 C1 Metals Analysis EPA 200.9 Rev 2.2 7.98 5.00 10/17/16 SA Lead µg/L 186744-003 111.6-3 C1BR Metals Analysis Lead EPA 200.9 Rev 2.2 <5.00 5.00 µg/L 10/17/16 SA WBR 186744-004 111.6-4 Metals Analysis EPA 200.9 Rev 2.2 5.00 10/17/16 SA Lead < 5.00 µg/L 186744-005 111.6-5 MBR Metals Analysis Lead EPA 200.9 Rev 2.2 <5.00 5.00 10/17/16 SA µg/L 186744-006 111.6-6 C2 Metals Analysis SA Lead EPA 200.9 Rev 2.2 <5.00 5.00 µg/L 10/17/16 186744-007 111.6-7 C2 Metals Analysis EPA 200.9 Rev 2.2 10/17/16 SA Lead <5.00 5.00 µg/L C2BR 186744-008 111.6-8 Metals Analysis Lead EPA 200.9 Rev 2.2 78.1 25.0 µg/L 10/17/16 SA C3 186744-009 111.6-9 Metals Analysis Lead EPA 200.9 Rev 2.2 <5.00 5.00 µg/L 10/17/16 SA 186744-010 111.6-10 C3 Metals Analysis 10/17/16 SA Lead EPA 200.9 Rev 2.2 22.7 5.00 µg/L 186744-011 111.6-11 COC4 Metals Analysis Lead EPA 200.9 Rev 2.2 10/17/16 SA <5.00 5.00 µg/L

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.

SLG	Analysis Report	251	2 W. Cary St	reet • Richmor	nd, Virgini	6 Global, a • 23220-5117 Fax 804-359-1475	
Customer:	Stohl Environmental, LL			Order #:	18	36744	
Address:	4169 Allendale Parkway Blasdell, NY 14219	/		Matrix Received		nking Water /30/16	
Attn:				Reported	10/	(19/16	
Project: Location: Number:	Hyde Park Elem 1620 Hyde Park Blvd 2016L-111.16			PO Number:			
Sample ID Parameter	Cust. Sample ID	Location Method	Result	RL*	Units	Analysis Date	Analyst
186744-012	111.6-12	HBR					
Metals Ana Lead	lysis	EPA 200.9 Rev 2.2	39.7	5.00	µg/L	10/17/16	SA
186744-013	111.6-13	C4					
Metals Ana Lead	lysis	EPA 200.9 Rev 2.2	<5.00	5.00	µg/L	10/17/16	SA
186744-014	111.6-14	C4					
Metals Ana Lead	lysis	EPA 200.9 Rev 2.2	<5.00	5.00	µg/L	10/17/16	SA
186744-015	111.6-15	Basement					
Metals Ana Lead	lysis	EPA 200.9 Rev 2.2	7.17	5.00	µg/L	10/17/16	SA
186744-016	111.6-16	Basement					
Metals Ana Lead	lysis	EPA 200.9 Rev 2.2	<5.00	5.00	µg/L	10/17/16	SA
186744-017	111.6-17	C5					
Metals Ana Lead	lysis	EPA 200.9 Rev 2.2	<5.00	5.00	µg/L	10/17/16	SA
186744-018	111.6-18	C5					
Metals Ana Lead	lysis	EPA 200.9 Rev 2.2	<5.00	5.00	µg/L	10/17/16	SA
186744-019	111.6-19	C11					
<i>Metals Ana</i> Lead	lysis	EPA 200.9 Rev 2.2	18.4	5.00	µg/L	10/17/16	SA
186744-020	111.6-20	C11					
Metals Ana Lead	-	EPA 200.9 Rev 2.2	6.54	5.00	µg/L	10/17/16	SA
186744-021	111.6-21	COC6					
Metals Ana Lead	lysis	EPA 200.9 Rev 2.2	12.1	5.00	µg/L	10/17/16	SA
186744-022 Metals Ana	111.6-22 Iysis	Clinic					

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EPA 200.9 Rev 2.2

Lead

8.23

5.00

µg/L

10/17/16

SA

SLG	Analysis Report	2512	W. Cary S	treet • Richmon	d, Virgi	es Global, I nia • 23220-5117 • Fax 804-359-1475	
Customer:	Stohl Environmental, LL			Order #:		186744	
Address:	4169 Allendale Parkway Blasdell, NY 14219			Matrix Received		Drinking Water 09/30/16	
Attn:				Reported	1	10/19/16	
Project: Location: Number:	Hyde Park Elem 1620 Hyde Park Blvd 2016L-111.16			PO Number:			
Sample ID	Cust. Sample ID	Location	Decel	DI *	11	An chucic Dete	American
Parameter	111.6-23	Method Clinic BR	Result	RL*	Units	Analysis Date	Analyst
186744-023 Metals Ana							
Lead		EPA 200.9 Rev 2.2	<5.00	5.00	µg/L	10/17/16	SA
186744-024	111.6-24	C6					
<i>Metals Ana</i> Lead	alysis	EPA 200.9 Rev 2.2	<5.00	5.00	µg/L	10/17/16	SA
186744-025	111.6-25	C6		0.00	P'9' =	10,11,10	•
Metals Ana							
Lead		EPA 200.9 Rev 2.2	<5.00	5.00	µg/L	10/17/16	SA
186744-026	111.6-26	C7					
Metals Ana	alysis		5.00	F 00		40/47/40	SA
Lead 186744-027	111.6-27	EPA 200.9 Rev 2.2 C7	<5.00	5.00	µg/L	10/17/16	54
Metals Ana		07					
Lead		EPA 200.9 Rev 2.2	<5.00	5.00	µg/L	10/17/16	SA
186744-028	111.6-28	Staff Lounge					
Metals Ana	alysis						
Lead		EPA 200.9 Rev 2.2	<5.00	5.00	µg/L	10/17/16	SA
186744-029 Metals Ana	111.6-29	C8					
Lead	217313	EPA 200.9 Rev 2.2	<5.00	5.00	µg/L	10/17/16	SA
186744-030	111.6-30	C8					
<i>Metals Ana</i> Lead	alysis	EPA 200.9 Rev 2.2	<5.00	5.00	µg/L	10/17/16	SA
186744-031	111.6-31	C8BR					
<i>Metals Ana</i> Lead	alysis	EPA 200.9 Rev 2.2	<5.00	5.00	µg/L	10/17/16	SA
186744-032	111.6-32	MBR					
<i>Metals Ana</i> Lead	alysis	EPA 200.9 Rev 2.2	12.4	5.00	µg/L	10/17/16	SA
186744-033	111.6-33	MBR					
<i>Metals Ana</i> Lead	alysis	EPA 200.9 Rev 2.2	5.71	5.00	µg/L	10/17/16	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.

SLG	Analysis Report	251	2 W. Cary S	treet • Richmor	nd, Virgini	6 Global, a • 23220-5117 Fax 804-359-1475	
Customer: Address:	Stohl Environmental, LL 4169 Allendale Parkway			Order #:	18	86744	
Address.	Blasdell, NY 14219			Matrix Received		inking Water /30/16	
Attn:				Reported	10	/19/16	
Project: Location: Number:	Hyde Park Elem 1620 Hyde Park Blvd 2016L-111.16			PO Number:			
Sample ID	Cust. Sample ID	Location					
Parameter	444.0.004	Method	Result	RL*	Units	Analysis Date	Analyst
186744-034 Metals Ana	111.6-33A	BR					
Lead	217 513	EPA 200.9 Rev 2.2	<5.00	5.00	µg/L	10/17/16	SA
186744-035	111.6-34	WBR					
Metals Ana	alysis						
Lead		EPA 200.9 Rev 2.2	<5.00	5.00	µg/L	10/17/16	SA
186744-036	111.6-34A	BR					
<i>Metals Ana</i> Lead	alysis	EPA 200.9 Rev 2.2	-5.00	E 00	ug/l	10/17/16	SA
	111.0.05		<5.00	5.00	µg/L	10/17/16	SA
186744-037 Metals Ana	111.6-35	WBR					
Lead	119313	EPA 200.9 Rev 2.2	<5.00	5.00	µg/L	10/17/16	SA
186744-038	111.6-35A	BR			10		
Metals Ana	alysis						
Lead		EPA 200.9 Rev 2.2	<5.00	5.00	µg/L	10/17/16	SA
186744-039	111.6-36	Kitchen					
Metals Ana	alysis			5.00		10/17/10	~ ~
Lead		EPA 200.9 Rev 2.2	<5.00	5.00	µg/L	10/17/16	SA
186744-040 Metals Ana	111.6-37	Kitchen					
Lead	aly 515	EPA 200.9 Rev 2.2	6.17	5.00	µg/L	10/17/16	SA
186744-041	111.6-38	Kitchen			1.5		-
Metals Ana							
Lead	-	EPA 200.9 Rev 2.2	8.75	5.00	µg/L	10/18/16	SA
186744-042	111.6-39	Kitchen					
Metals Ana	alysis						
Lead		EPA 200.9 Rev 2.2	<5.00	5.00	µg/L	10/18/16	SA
186744-043	111.6-40	Kitchen					
<i>Metals Ana</i> Lead	aiysis	EPA 200.9 Rev 2.2	<5.00	5.00	µg/L	10/18/16	SA
186744-044	111.6-41	Kitchen BR		5.00	r 3 [,] -		
Metals Ana							
Lead	-	EPA 200.9 Rev 2.2	<5.00	5.00	µg/L	10/18/16	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.

SLG		251	2 W. Cary S	treet • Richmo	nd, Virginia	d, Virginia • 23220-5117 (5227) • Fax 804-359-147	
Customer:	Stohl Environmental, L			Order #:	18	6744	
Address:	4169 Allendale Parkwa Blasdell, NY 14219	¹ y		Matrix Received	09/3	king Water 30/16	I
Attn: Project: Location: Number:	Hyde Park Elem 1620 Hyde Park Blvd 2016L-111.16			Reported PO Number:	10/	19/16	
Sample ID Parameter	Cust. Sample ID	Location Method	Result	RL*	Units	Analysis Date	Analyst
186744-045	111.6-42	Boys Gym					
Metals Ana Lead	alysis	EPA 200.9 Rev 2.2	<5.00	5.00	µg/L	10/18/16	SA
186744-046	111.6-43	Boys Gym					
<i>Metals Ana</i> Lead	alysis	EPA 200.9 Rev 2.2	23.5	5.00	µg/L	10/18/16	SA
186744-047	111.6-44	PEG Kitchen					
<i>Metals Ana</i> Lead	alysis	EPA 200.9 Rev 2.2	156	50.0	µg/L	10/18/16	SA
186744-048	111.6-45	Girls Gym					
<i>Metals Ana</i> Lead	alysis	EPA 200.9 Rev 2.2	<5.00	5.00	µg/L	10/18/16	SA
186744-049	111.6-46	Girls Gym					
<i>Metals Ana</i> Lead	alysis	EPA 200.9 Rev 2.2	<5.00	5.00	µg/L	10/18/16	SA
186744-050	111.6-47	CO Gym					
<i>Metals Ana</i> Lead	alysis	EPA 200.9 Rev 2.2	17.4	5.00	µg/L	10/18/16	SA
186744-051	111.6-48	MBR					
<i>Metals Ana</i> Lead		EPA 200.9 Rev 2.2	105	50.0	µg/L	10/18/16	SA
186744-052	111.6-49	Speech Rm					
<i>Metals Ana</i> Lead	alysis	EPA 200.9 Rev 2.2	26.1	5.00	µg/L	10/18/16	SA
186744-053	111.6-50	GBR					
<i>Metals Ana</i> Lead	alysis	EPA 200.9 Rev 2.2	<5.00	5.00	µg/L	10/18/16	SA
186744-054	111.6-51	GBR					
<i>Metals Ana</i> Lead	alysis	EPA 200.9 Rev 2.2	<5.00	5.00	µg/L	10/18/16	SA
186744-055	111.6-52	C24					
<i>Metals Ana</i> Lead	alysis	EPA 200.9 Rev 2.2	13.4	5.00	µg/L	10/18/16	SA

Schneider Laboratories Global, Inc.

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.

SLG	Analysis Report	2512	2 W. Cary S	treet • Richmor	nd, Virgini	5 Global, a • 23220-5117 Fax 804-359-1475	
Customer:	Stohl Environmental, LL			Order #:	18	86744	
Address:	4169 Allendale Parkway Blasdell, NY 14219			 Matrix Received		inking Water /30/16	
Attn:				Reported	10	/19/16	
Project: Location: Number:	Hyde Park Elem 1620 Hyde Park Blvd 2016L-111.16			PO Number:			
Sample ID Parameter	Cust. Sample ID	Location Method	Result	RL*	Units	Analysis Date	Analyst
186744-056	111.6-53	COC21					
<i>Metals Ana</i> Lead	alysis	EPA 200.9 Rev 2.2	<5.00	5.00	µg/L	10/18/16	SA
186744-057	111.6-54	C22					
<i>Metals Ana</i> Lead	alysis	EPA 200.9 Rev 2.2	<5.00	5.00	µg/L	10/18/16	SA
186744-058	111.6-55	C22					
Metals Ana	alysis						
Lead		EPA 200.9 Rev 2.2	<5.00	5.00	µg/L	10/18/16	SA
186744-059	111.6-56	C20					
Metals Ana	alysis		5 00	5.00		40/40/40	C A
Lead		EPA 200.9 Rev 2.2	<5.00	5.00	µg/L	10/18/16	SA
186744-060 Metals Ana	111.6-57 alvsis	BBR					
Lead	-	EPA 200.9 Rev 2.2	<5.00	5.00	µg/L	10/18/16	SA
186744-061	111.6-58	BBR					
<i>Metals Ana</i> Lead	alysis	EPA 200.9 Rev 2.2	<5.00	5.00	µg/L	10/18/16	SA
186744-062	111.6-59	BBR					
<i>Metals Ana</i> Lead	alysis	EPA 200.9 Rev 2.2	<5.00	5.00	µg/L	10/18/16	SA
186744-063	111.6-60	C31					
<i>Metals Ana</i> Lead	alysis	EPA 200.9 Rev 2.2	11.7	5.00	µg/L	10/18/16	SA
186744-064	111.6-61	BBR					
<i>Metals Ana</i> Lead	alysis	EPA 200.9 Rev 2.2	<5.00	5.00	µg/L	10/18/16	SA
186744-065	111.6-62	BBR					
<i>Metals Ana</i> Lead	alysis	EPA 200.9 Rev 2.2	<5.00	5.00	µg/L	10/18/16	SA
186744-066	111.6-63	BBR		5.00	r-3- -		
Metals Ana							
Lead	-	EPA 200.9 Rev 2.2	<5.00	5.00	µg/L	10/18/16	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.

SLC	Analysis Report	2512	W. Cary S	treet • Richmor	id, Virgini	5 Global, l ia • 23220-5117 Fax 804-359-1475	
Customer:	Stohl Environmental, LL			Order #:	1	86744	
Address:	4169 Allendale Parkway Blasdell, NY 14219	, ,		Matrix Received		inking Water /30/16	
Attn:				Reported	10	/19/16	
Project: Location: Number:	Hyde Park Elem 1620 Hyde Park Blvd 2016L-111.16			PO Number:			
Sample ID	Cust. Sample ID	Location	Desself	DI *	l la lí a	Au chusis Data	A
Parameter 186744-067	111.6-64	Method COC33	Result	RL*	Units	Analysis Date	Analyst
Metals Ana		00033					
Lead		EPA 200.9 Rev 2.2	<5.00	5.00	µg/L	10/18/16	SA
186744-068	111.6-65	COC37					
Metals Ana	alysis						
Lead		EPA 200.9 Rev 2.2	<5.00	5.00	µg/L	10/18/16	SA
186744-069	111.6-66	GBR					
<i>Metals Ana</i> Lead	alysis	EPA 200.9 Rev 2.2	<5.00	5.00	µg/L	10/18/16	SA
186744-070	111.6-67	GBR					
Metals Ana	alysis		5 00	5.00		40/40/40	C 4
Lead	444.0.00	EPA 200.9 Rev 2.2	<5.00	5.00	µg/L	10/18/16	SA
186744-071 Metals Ana	111.6-68	C39					
Lead	-	EPA 200.9 Rev 2.2	<5.00	5.00	µg/L	10/18/16	SA
186744-072	111.6-69	Basement					
<i>Metals Ana</i> Lead	alysis	EPA 200.9 Rev 2.2	11.4	5.00	µg/L	10/18/16	SA
186744-073	111.6-70	Basement					
<i>Metals Ana</i> Lead	alysis	EPA 200.9 Rev 2.2	<5.00	5.00	µg/L	10/18/16	SA
186744-074	111.6-71	Outside C5					
<i>Metals Ana</i> Lead	alysis	EPA 200.9 Rev 2.2	30.7	5.00	µg/L	10/18/16	SA
186744-075	111.6-72	Outside C3					
<i>Metals Ana</i> Lead	alysis	EPA 200.9 Rev 2.2	7.24	5.00	µg/L	10/18/16	SA
186744-076	111.6-73	Outside HBR					
<i>Metals Ana</i> Lead	alysis	EPA 200.9 Rev 2.2	8.50	5.00	µg/L	10/18/16	SA
186744-077	111.6-74	Outside C11					
<i>Metals Ana</i> Lead	alysis	EPA 200.9 Rev 2.2	<5.00	5.00	µg/L	10/18/16	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.

SLG	Analysis Report		25	512 V	V. Ca	iry St	treet	• Rio	chmo	nd, Virg	inia •	Global, 23220-5117 < 804-359-1478	
Customer: Address:	Stohl Environmental, LLC 4169 Allendale Parkway	(4507)					0	rde	r #:		186	744	1
Audress.	Blasdell, NY 14219							eived			09/30/	-	J
Attn:							Rep	orted			10/19/	16	
Project: Location: Number:	Hyde Park Elem 1620 Hyde Park Blvd 2016L-111.16						РО	Num	ber:				
Sample ID Parameter	Cust. Sample ID	Location Method			Re	sult		RL	_*	Units		Analysis Date	Analyst
186744-10/19/1								Bovie		isolg			
<u>EPA Regul</u>	atory Limits							Revie	ewed E	By: Abiso	ia kasa Super		
Parameter	Reg. Limit	Unit								Metals	Super	VI50I	
Lead	15.0	μg/L											
<u>Certificatio</u>	ons												
Parameter	Method	Matrix	CA	СТ	FL	NJ	NY	RI	VA				
Lead	EPA 200.9 Rev 2.2	Drinking Water	Х	Х	Х	Х	Х	Х	Х				
<u>Key</u>													
State	Regulatory Agency	- Lab ID			Certif	icate	Num	ber					
CA	CA ELAP				2078								
СТ	CT DPH				PH-01	18							
FL	FL ELAP				E8782	28							
NJ	NJDEP				NLC1	60001							
NY	NYELAP-11413				55043								
RI	RIDOH				LAO0	0084							
VA	Virginia DCLS/DEQ	- 460135			8615								

'X' indicates that the analyte is accredited.

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

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.



A MEMBER OF THE STOHL GROUP OF COMPANIES

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



Serial No.: 55043





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

NY Lab Id No: 11413

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

> 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 200.9 Rev. 2.2

Sample Preparation Methods

EPA 3010A EPA 3005A EPA 3020A 0

RK Department ATE of Health

Serial No.: 54667





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 SOLID AND HAZARDOUS WASTE All approved analytes are listed below:

Characteristic Testing		Polychlorinated Biphenyls	
TCLP	EPA 1311	PCB-1268	EPA 8082A
Metals I		Sample Preparation Metho	ds
Barium, Total	EPA 6010C		EPA 3010A
Cadmium, Total	EPA 6010C		EPA 3050B
Chromium, Total	EPA 6010C	_K Departmen	EPA 3550C
Lead, Total	EPA 6010C		EPA 3031
	EPA 7000B	re of Health	
Nickel, Total	EPA 6010C		
Silver, Total	EPA 6010C		
Metals II			
Antimony, Total	EPA 6010C	A Star A Star Contra	
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		
PCB-1262	EPA 8082A		

Serial No.: 54668





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:

> W RK | Department ATE | of Health

Miscellaneous

Asbestos in Friable Material Asbestos in Non-Friable Material-PLM Lead in Dust Wipes Lead in Paint EPA 600/M4/82/020 Item 198.6 of Manual (NOB by PLM) EPA 7000B EPA 7000B

Sample Preparation Methods

EPA 3050B

Serial No.: 54669



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

> RK Department ATE of Health

Metals I

Lead, Total

NIOSH 7082 40 CFR PART 50 1984 APP G

Miscellaneous

Fibers

NIOSH 7400 A RULES

10

Serial No.: 54670



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

ENVIRONMENTAL CONSULTANTS

A MEMBER OF THE STOHL GROUP OF COMPANIES

1.6 Chains of Custody

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	ENVIRUNMENT	AL	S	ubmitted to: (Lab Na	ame)	Schneid	der
4169 AL	TANTS - A MEMBER OF THE STOH LENDALE PKWY. BUFFALO, NEW YORK I			STOHL	lob #	2016L-1	1 1.6 .
1	2 (716) 312-0070 E (716) 312-8092 www.stohleavlronmental.com				·		
Client: <u>Niagar Fa</u>	alls CSD		Contact:	Dave Spacone			
Building: <u>Hyde Par</u>	k Elem.		Location:	1620 Hyde Park Blv	/d. Niagara F	alls NY	
LEAD	·				Turnarou	Ind	
Water by AAS-GF: A	ASTM D3559-03D, US E	PA 200.9	<u>x</u>	· · · · ·	5 Days		
· ·							
				· ·			· .
Sample #	Location	Outlet Type	Time	Cooler Mode	i [Lab ID	Results
111.6-19	C11	S	8:33	0			
111.6-20	C11	S	8:34	0			
111.6-22	COC6 Clinic	DF	8:36 8:38	0			·
111.6-23	Clinic BR	S	8:39	0		· · · · · · · · · · · · · · · · · · ·	
111.6-24	C6	s	8:42	0			
111.6-25	C6	B	8:42	0			
111.6-26	C7	S	8:43	0			
111.6-27	C7	В	8:44	0			
111.6-28	Staff Lounge	S	8:46	0		· · · · · · · · · · · · · · · · · · ·	
111.6-29	C8	S	8:48	0			
111.6-30 111.6-31	C8	В	8:49	0	i		· ·
111.6-31	C8BR MBR	S S	8:50 8:57	0	·		
111.6-33	MBR	S S	8:58	0			_
111.6-33A	BR	0	0:00	0			
111.6-34	WBR	s	8:59	0			
111.6-34A	BR	· 0	0:00	0		·	
Notes: Please e-mail lab re:	sults to labs@stohlenv.c	om				· · · · · ·	
	like Irwin	Print Name	Stohl Env:	Mike Irwin	Date: 9/24	/2016	
	Ettly_	Print Name	Stohl Env: E	Eric Henderson Jr.	Date: 9/28	/2016	
Received (Name / La			Date:		Time:		· ·
Sample Login (Name	· · · · · · · · · · · · · · · · · · ·		Date:		Time:		
Analysis (Name / Lal			Date:				
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Archived / Released:	QA/QC Inter	·····	Date:		Time:		<u> </u>
		Page	<u>2</u> of <u>5</u>				
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	STOH		 	Chain of C	ustod	y Docum	nent
	ENVIRONMENT	AL		bmitted to: (Lab Na		Schnei	
	FANTS - A MEMBER OF THE STOR LENDALE PRWY. BUFFALO, NEW YORK		e de la composition de	STOHL J	· <u> </u>	2016L-1	-
	 Crisbale rkwi: Borrato, New York 1 Crisb 312-0070 B (716) 312-3092 www.stohleavironmental.com 	14217		STORE 3		20102-1	11.0
Client: <u>Niagar</u> Fa	ils CSD		Contact:	Dave Spacone			
Building: Hyde Par	k Elem.	· · · · · ·	Location: 1	620 Hyde Park Blv	d. Niagara	Fails NY	
LEAD				· · · ·	Turnar	ound	
	STM D3559-03D, US E	PA 200.9	x		5 Day		
			· ····				_
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Sample #	Location	Outlet Type	Time	Cooler Model		Lab ID	Results
111.6-35	WBR	S	9:00	0			
111.6-35A 111.6-36	BR	0	0:00	0			
111.6-37	Kitchen Kitchen	S Cook Vooral	9:09	0			
111.6-38	Kitchen	Cook Vessel	9:10	0			
111.6-39	Kitchen	s	9:12	0			
111.6-40	Kitchen	s	9:13	0			
111.6-41	Kitchen BR	s	9:14	0			
111.6-42	Boys Gym	S	9:21	0			
111.6-43	Boys Gym	DF	9:22	0			•
111.6-44	PEG Kitchen	S	9:24	0			
111.6-45	Girls Gym	S	9:28	0			
111.6-46	Girls Gym	DF	9:29	0			
111.6-47	CO Gym	DF	9:31	0			
111.6-48 111.6-49	MBR Speech Rm	S	9:34	0			
111.6-50	GBR	s	9:35 9:40	0			
111.6-51	GBR	s	9:40	0			
111.0 01			5.41	U			
	ults to labs@stohlenv.c ike Irwin	om Print Name	Stohl Env:	Mike Irwin	Date: 9/2	24/2016	
Relinquished By:	E. Hely	Print Name	Stohl Env: E	ic Henderson Jr.	Date: 9/2	28/2016	
Received (Name / La	ıb):		Date:		Time:		· · · · · · · · · · · · · · · · · · ·
Sample Login (Name	: / Lab):		Date:		Time:		
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ENVIRONMENTAL CONSUL	TANTS - A MEMBER OF THE STO		• •	STOHL	loh #	2016L-1	116
	LLENDALE PKW7. BUFFALO, NEW YOR 2 (716)312-0070 2 (716)312-8092 www.stohlenvironmental.com	K 14219	• •	OF OFFE	- 100	2010[- (
Client: <u>Niagar</u> F	alls CSD		Contact:	Dave Spacone		· · · · · · ·	
Building: <u>Hyde Pa</u>	rk Elem.		Location:	1620 Hyde Park Bl	vd. Niagar	a Falls NY	· ·
LEAD			· · · · · · · · · · · · · · · · · · ·		Turns	around	
	ASTM D3559-03D, US	EPA 200.9	x	· · ·	5 Da		
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Sample #	Location	Outlet Type	Time	Cooler Mode		Lab ID	Results
111.6-52	C24	S	9:46	0			
111.6-53	COC21	DF	9:48	0			
111.6-54	C22	S	9:52	0	· · ·		
111.6-55	C22	<u>.</u> В .	9:53	0			
111.6-56	C20	S	9:55	0			
111.6-57	BBR BBR	<u>S</u>	9:58	0			
111.6-59	BBR	S	9:59	0			
111.6-60	C31	S S	10:00	0]		
111.6-61	BBR	S	10:10 10:14	0	ł		
111.6-62	BBR	S	10:14				
111.6-63	BBR	S	10:15	0			
111.6-64	COC33	DF	10.17	0	──┦┠	· · · · · · · · · · · · · · · · · · ·	_
111.6-65	COC37	DF	10.17	0	──┤┠-	····	
111.6-66	GBR	S	10:23	0	-		
111.6-67	GBR	S	10:24	0			
111.6-68	C39	S	10:25	0			_
111.6-69	Basement	WMF	10:37	0			
Notes: Please e-mail lab re	sults to labs@stohlenv.	com					
. –	Aike Irwin	Print Name	Stohl Env:	Mike Irwin	Date: 9	/24/2016	
· · ·	_ z: + El Q	Print Name	Stohl Env:	Eric Henderson Jr.	Date: 9	/28/2016	
Received (Name / L	· · ·		Date:		Time:	. <u></u>	
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		Page	4_ of _5_			• •	

ENVIRONMENTAL Submitted to: (Lab Name) STOHL Job # STOHL Job # STOHL Job # Client: Niagar Fails CSD Contact: Dave Spacone Building: Hyde Park Elem. Location: 1620 Hyde Park Blvd. Niagara F Turnaro Water by AAS-GF: ASTM D3559-03D, US EPA 200.9 X 5 Days Sample # Location: 1620 Hyde Park Blvd. Niagara F Turnaro Sample # Cocation: 1620 Hyde Park Blvd. Niagara F Store Sample # Location: 1620 Hyde Park Blvd. Niagara F Turnaro Store	
STOHL Job # STOHL Job # STOHL Job # Client: Niagar Falls CSD Contact: Dave Spacone Building: Hyde Park Elem. Location: 1620 Hyde Park Blvd. Niagara F LEAD Vater by AAS-GF: ASTM D3559-03D, US EPA 200.9 X Tumaro Sample # Location Outlet Type Time Cooler Model 111.6-70 Basement WMTC 10:42 0 10:45 0 111.6-71 Outside C5 HB 10:49 0 0 10:49 0 111.6-73 Outside HBR HB 10:50 0 0 0 0	alls NY Ind
Client: Niagar Falls CSD Contact: Dave Spacone Building: Hyde Park Elem. Location: 1620 Hyde Park Blvd. Niagara F LEAD Vater by AAS-GF: ASTM D3559-03D, US EPA 200.9 X Turnaro Sample # Location Outlet Type 5 Days 111.6-70 Basement WMTC 10:42 0 111.6-71 Outside C5 HB 10:45 0 1 111.6-73 Outside HBR HB 10:50 0 0 0	<i>Ind</i>
Building: Hyde Park Elem. Location: 1620 Hyde Park Blvd. Niagara F LEAD Water by AAS-GF: ASTM D3559-03D, US EPA 200.9 X Turnaro. Sample # Location Outlet Type Time Cooler Model 111.6-70 Basement WMTC 10:42 0 1 111.6-71 Outside C5 HB 10:45 0 1 111.6-73 Outside HBR HB 10:50 0 0	<i>Ind</i>
Sample # Location Outlet Type Time Cooler Model	<i>Ind</i>
Sample # Location Outlet Type Time Cooler Model 111.6-70 Basement WMTC 10:42 0 1 111.6-71 Outside C5 HB 10:45 0 1 111.6-73 Outside HBR HB 10:50 0 1	
Sample # Location Outlet Type Time Cooler Model 111.6-70 Basement WMTC 10:42 0 1 111.6-71 Outside C5 HB 10:45 0 1 111.6-72 Outside C3 HB 10:49 0 1 111.6-73 Outside HBR HB 10:50 0 1	Lab ID Results
111.6-70 Basement WMTC 10:42 0 111.6-71 Outside C5 HB 10:45 0 1 111.6-72 Outside C3 HB 10:49 0 1 111.6-73 Outside HBR HB 10:50 0 1	Lab ID Results
111.6-70 Basement WMTC 10:42 0 111.6-71 Outside C5 HB 10:45 0 1 111.6-72 Outside C3 HB 10:49 0 1 111.6-73 Outside HBR HB 10:50 0 1	Lab ID Results
111.6-70 Basement WMTC 10:42 0 111.6-71 Outside C5 HB 10:45 0 1 111.6-72 Outside C3 HB 10:49 0 1 111.6-73 Outside HBR HB 10:50 0 1	Lab ID Results
111.6-71 Outside C5 HB 10:45 0 111.6-72 Outside C3 HB 10:49 0 111.6-73 Outside HBR HB 10:50 0	
111.6-72 Outside C3 HB 10:49 0 111.6-73 Outside HBR HB 10:50 0	
111.5-74 Outside C11 HB 10:52 0	
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Notes: Please e-mail lab results to labs@stohlenv.com Sampled By: <u>Mike Irwin</u> Print Name <u>Stohl Env: Mike Irwin</u> Date: <u>9/2</u> 4	/2016
Relinquished By: _ 5. + Hang Print Name Stohl Env: Eric Henderson Jr Date: 9/26	/2016
Received (Name / Lab): Date: Time:	<u> </u>
Sample Login (Name / Lab): Date: Time:	
Analysis (Name / Lab): Date: Time:	· ·
QA/QC Review (Name): Date: Time:	
Archived / Released:QA/QC InterLAB Use:Date:Time:	
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