Stohl ENVIRONMENTAL

3860 California Road
Orchard Park, New York 14127
(P) 716-312-0070 (F) 716-312-8092
www.stohlenvironmental.com

December 15, 2020

Mr. Michael Bryniarski
Director of Facilities
Lancaster Central School District
177 Central Avenue
Lancaster, NY 14086

RE: Investigation and Sampling of Drinking Water for Lead Concentrations

Dear Mr. Bryniarski:

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

- Central Avenue School – 149 Central Avenue, Lancaster, New York.

This report is prepared to assist the District in complying with the requirements of NYS regulations, *SUBPART 67-4: Lead Testing in School Drinking Water*, by identifying the sources of potable water with lead concentrations greater than the NYS "Action Level of 15 parts per billion (ppb)".

The Investigation and Sampling was performed on October 24, 2020. 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, 8 sources of potable water in Central Avenue School have been identified as having a lead concentration 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 Lancaster Central School District.

Sincerely,
Stohl Environmental, LLC.

Eric Henderson Jr.
Senior Project Manager

Investigation and Sampling Of Sources of Potable Water For Lead Concentrations

Prepared for:

Lancaster Central School District

Prepared by:

Stohl ENVIRONMENTAL

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Conditions as of October 24, 2020

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Summary Tabulation

Lead in Drinking Water Investigation

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1.1 Scope of Work and Sampling Protocol:

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

- Central Avenue School – 149 Central Avenue, Lancaster, New York.

Scope of Work:

Stohl Environmental was charged with collecting first-draw water samples from outlets within the Central Avenue 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.

- **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 at or Below Action level of 15 ppb	Number of Samples Above Action Level of 15 ppb	Number of Samples at or Below Action level of 15 ppb	Number of Samples Above Action Level of 15 ppb
Central Avenue School	10/24/2020	43	35	8	N/A	N/A

****** 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:

Sample #	Classroom or other Location	Fixture/Outlet type	Laboratory Analysis in ppb
169.10-20	Room 119	Sink	17.5
169.10-29	Womens Lav Door Side	Sink	15.3
169.10-30	Womens Lav Window Side	Sink	31.3
169.10-31	Mens Lav Closest to Door	Sink	21.8
169.10-33	Mens Lav Center Left	Sink	17.7
169.10-35	Room 135	Sink	33.2
169.10-41	Room 131	Sink	36.4
169.10-42	Boys Lav	Sink	17.2

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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

Environmental Hazards Services, L.L.C.
7469 Whitepine Rd
Richmond, VA 23237
Telephone: 800.347.4010

Lead in Drinking Water Analysis Report

Report Number: 20-10-06127

Client: Stohl Environmental
3860 California Road
Orchard Park, NY 14127

Received Date: 10/29/2020
Reported Date: 11/20/2020
Sampled By: R Stotz
Tech Certification #:

Project/Test Address: 2020L-169.10; Central Avenue; 149 Central Ave; Lancaster, NY 14086

Client Number: 33-5980

Laboratory Results

Fax Number: 716-312-8092

Lab Sample Number	Client Sample ID	Collection Date	Collection Location	Concentration ug/L (ppb)	Analysis Date	Narrative ID
20-10-06127-001	169.10-1	10/24/2020	KITCHEN SINK	7.77	11/19/2020	
20-10-06127-002	169.10-2	10/24/2020	KITCHEN ICE MACHINE	<1.00	11/19/2020	
20-10-06127-003	169.10-3	10/24/2020	BOARD ROOM	<1.00	11/19/2020	
20-10-06127-004	169.10-4	10/24/2020	BOARD ROOM LAV	10.5	11/19/2020	
20-10-06127-005	169.10-5	10/24/2020	ROOM 105	<1.00	11/19/2020	
20-10-06127-006	169.10-6	10/24/2020	ROOM 105 LAV	2.18	11/19/2020	
20-10-06127-007	169.10-7	10/24/2020	ROOM 106	4.46	11/19/2020	
20-10-06127-008	169.10-8	10/24/2020	ROOM 106 LAV	6.29	11/19/2020	
20-10-06127-009	169.10-9	10/24/2020	GIRLS LAV NEAR TOILET	2.62	11/19/2020	
20-10-06127-010	169.10-10	10/24/2020	GIRLS LAV NEAR WINDOW	2.11	11/19/2020	
20-10-06127-011	169.10-11	10/24/2020	BOYS LAV NEAR TOILET	2.25	11/19/2020	
20-10-06127-012	169.10-12	10/24/2020	BOYS LAV NEAR WINDOW	2.13	11/19/2020	
20-10-06127-013	169.10-13	10/24/2020	FOUNTAIN OUTSIDE LAVS	3.52	11/19/2020	

Environmental Hazards Services, L.L.C

Client Number: 33-5980 Report Number: 20-10-06127

Project/Test Address: 2020L-169.10; Central Avenue; 149 Central Ave; Lancaster, NY 14086

Lab Sample Number	Client Sample ID	Collection Date	Collection Location	Concentration ug/L (ppb)	Analysis Date	Narrative ID
20-10-06127-014	169.10-14	10/24/2020	ROOM 107	2.14	11/19/2020	
20-10-06127-015	169.10-15	10/24/2020	ROOM 110	1.06	11/19/2020	
20-10-06127-016	169.10-16	10/24/2020	ROOM 108	8.02	11/19/2020	
20-10-06127-017	169.10-17	10/24/2020	ROOM 109	4.50	11/19/2020	
20-10-06127-018	169.10-18	10/24/2020	ROOM 116	6.28	11/19/2020	
20-10-06127-019	169.10-19	10/24/2020	ROOM 117	1.84	11/19/2020	
20-10-06127-020	169.10-20	10/24/2020	ROOM 119	17.5	11/19/2020	
20-10-06127-021	169.10-21	10/24/2020	FOUNTAIN OUTSIDE ROOM 126	5.78	11/19/2020	
20-10-06127-022	169.10-22	10/24/2020	BOYS LOCKER ROOM	2.43	11/19/2020	
20-10-06127-023	169.10-23	10/24/2020	GIRLS LOCKER ROOM	9.00	11/19/2020	
20-10-06127-024	169.10-24	10/24/2020	ROOM 125	9.19	11/19/2020	
20-10-06127-025	169.10-25	10/24/2020	ROOM 125 LAV	6.00	11/19/2020	
20-10-06127-026	169.10-26	10/24/2020	ROOM 126	5.62	11/19/2020	
20-10-06127-027	169.10-27	10/24/2020	ROOM 127	2.03	11/19/2020	
20-10-06127-028	169.10-28	10/24/2020	LAV NEAR ROOM 127	12.7	11/19/2020	
20-10-06127-029	169.10-29	10/24/2020	WOMENS LAV DOOR SIDE	15.3	11/19/2020	
20-10-06127-030	169.10-30	10/24/2020	WOMENS LAV WINDOW SIDE	31.3	11/19/2020	
20-10-06127-031	169.10-31	10/24/2020	MENS LAV CLOSE TO DOOR	21.8	11/19/2020	
20-10-06127-032	169.10-32	10/24/2020	MENS LAV CENTER RIGHT	14.9	11/19/2020	
20-10-06127-033	169.10-33	10/24/2020	MENS LAV CENTER LEFT	17.7	11/19/2020	

Environmental Hazards Services, L.L.C

Client Number: 33-5980 Report Number: 20-10-06127

Project/Test Address: 2020L-169.10; Central Avenue; 149 Central Ave; Lancaster, NY 14086

Lab Sample Number	Client Sample ID	Collection Date	Collection Location	Concentration ug/L (ppb)	Analysis Date	Narrative ID
20-10-06127-034	169.10-34	10/24/2020	MENS LAV CLOSE TO WINDOW	14.8	11/19/2020	
20-10-06127-035	169.10-35	10/24/2020	ROOM 135	33.2	11/19/2020	
20-10-06127-036	169.10-36	10/24/2020	FOUNTAIN NEAR 136	5.21	11/19/2020	
20-10-06127-037	169.10-37	10/24/2020	ROOM 137	<1.00	11/19/2020	
20-10-06127-038	169.10-38	10/24/2020	ROOM 140	<1.00	11/19/2020	
20-10-06127-039	169.10-39	10/24/2020	ROOM 139	1.63	11/19/2020	
20-10-06127-040	169.10-40	10/24/2020	ROOM 131	36.4	11/19/2020	
20-10-06127-041	169.10-41	10/24/2020	GIRLS LAV	5.57	11/19/2020	
20-10-06127-042	169.10-42	10/24/2020	BOYS LAV	17.2	11/19/2020	
20-10-06127-043	169.10-43	10/24/2020	PRINCIPALS OFFICE	3.17	11/19/2020	

Method: SM 3113B-2010
Analyst: Jennalee Hertzler
Accreditation #: NY 11714

Reviewed By Authorized Signatory: Melissa Kanode

Missy Kanode
QA/QC Clerk

Sample Results denoted with a "less than" (<) sign contain less than the reporting limit which is 1 ppb.

The EPA Maximum Contaminant Level for Lead in Drinking Water is 15 ppb. The results herein conform to NELAC standards, where applicable, unless otherwise narrated on this report. Results represent the analysis of samples submitted by the client. Sample location, description, field parameter results, etc., were provided by the client. This report cannot be reproduced, except in full, without written approval from Environmental Hazards Services, L.L.C.

LEGEND ug/L= micrograms per liter ppb = parts per billion

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1.5 Laboratory Certifications

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER

Expires 12:01 AM April 01, 2021
Issued April 01, 2020

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

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

MS. JULIE DICKERSON
ENVIRONMENTAL HAZARDS SERVICES, LLC
7469 WHITEPINE ROAD
N. CHESTERFIELD, VA 23237

NY Lab Id No: 11714

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

Copper, Total	SM 19, 21-23 3113B (-04,-10)
Lead, Total	SM 19, 21-23 3113B (-04,-10)

NEW YORK STATE | Department of Health

Serial No.: 61514

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.

NELAP RECOGNIZED TNI ACCREDITATION BODY

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1.6 Chains of Custody

20-10-06127

Due Date:
11/27/2020
(Friday)
AE

Stohl ENVIRONMEN

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PHONE (716) 312-0070 FAX (716) 312-
WWW.STOHLENVIRONMENTAL.CO

SI

of Custody Document

(Lab Name) EHS

STOHL Job # 2020L-169.10

Client: Lancaster CSD Contact: Michael Bryniarski

Building: Central Avenue Location: 149 Central Ave Lancaster, NY 14086

LEAD

Water by SM 19, 21 - 23 3113B (-04, -10) X

Turnaround

20 Days

Sample #	Location	Outlet Type	Time	Cooler Model	Lab ID	Results
169.10-1	Kitchen Sink	S	8:45			
169.10-2	Kitchen Ice Machine	IM	8:45			
169.10-3	Board Room	S	8:50			
169.10-4	Board Room Lav	S	8:51			
169.10-5	Room 105	S	8:52			
169.10-6	Room 105 Lav	S	8:53			
169.10-7	Room 106	S	8:55			
169.10-8	Room 106 Lav	S	8:55			
169.10-9	Girls Lav Near Toilet	S	9:00			
169.10-10	Girls Lav Near Window	S	9:00			
169.10-11	Boys Lav Near Toilet	S	9:05			
169.10-12	Boys Lav Near Window	S	9:05			
169.10-13	Fountain Outside Lavs	Bub	9:10			
169.10-14	Room 107	S	9:10			
169.10-15	Room 110	S	9:12			
169.10-16	Room 108	S	9:13			
169.10-17	Room 109	S	9:14			
169.10-18	Room 116	S	9:20			

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

Sampled By:	R. Stotz	Print Name	Stohl Env: R. Stotz	Date:	10/24/2020
Relinquished By:	E. Henderson	Print Name	Stohl Env: Eric Henderson Jr.	Date:	10/26/2020
Received (Name / Lab):	T. Isham		Date: 10/29/20	Time:	5:45p
Sample Login (Name / Lab):	Staci Boom		Date: 11/17/20	Time:	524PM
Analysis (Name / Lab):	A. Hertzler		Date: 11/19/20	Time:	6:22pm
QA/QC Review (Name / Lab):			Date: 11/20/20	Time:	Noon
Archived / Released:		QA/QC InterLAB Use:	Date:	Time:	

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Chain of Custody Document

Submitted to: (Lab Name) EHS

STOHL Job # 2020L-169.10

Client: Lancaster CSD Contact: Michael Bryniarski

Building: Central Avenue Location: 149 Central Ave Lancaster, NY 14086

LEAD

Water by SM 19, 21 - 23 3113B (-04, -10) X

Turnaround

20 Days

Sample #	Location	Outlet Type	Time	Cooler Model	Lab ID	Results
169.10-19	Room 117	S	9:25			
169.10-20	Room 119	S	9:25			
169.10-21	Fountain Outside Room 126	DFA	9:30			
169.10-22	Boys Locker Room	S	9:30			
169.10-23	Girls Locker Room	S	9:30			
169.10-24	Room 125	S	9:30			
169.10-25	Room 125 Lav	S	9:35			
169.10-26	Room 126	S	9:35			
169.10-27	Room 127	S	9:40			
169.10-28	Lav Near Room 127	S	9:45			
169.10-29	Women's Lav Door Side	S	9:50			
169.10-30	Women's Lav Window Side	S	9:50			
169.10-31	Men's Lav Close to Door	S	9:50			
169.10-32	Men's Lav Center Right	S	10:00			
169.10-33	Men's Lav Center Left	S	10:00			
169.10-34	Men's Lav Close to Window	S	10:00			
169.10-35	Room 135	S	10:00			
169.10-36	Fountain Near 136	DFA	10:00			

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

Sampled By: R. Stotz Print Name Stohl Env: R. Stotz Date: 10/24/2020

Relinquished By: E. Henderson Print Name Stohl Env: Eric Henderson Jr. Date: 10/26/2020

Received (Name / Lab): T. Cohen Date: 10/29/20 Time: 5:45p

Sample Login (Name / Lab): Lori Bloom Date: 11/17/20 Time: 525PM

Analysis (Name / Lab): J. Hartzler Date: 11/19/20 Time: 6:22pm

QA/QC Review (Name / Lab): M. Mehler Date: 11/20/20 Time: Noon

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

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Chain of Custody Document

Submitted to: (Lab Name) EHS

STOHL Job # 2020L-169.10

Client: Lancaster CSD Contact: Michael Bryniarski

Building: Central Avenue Location: 149 Central Ave Lancaster, NY 14086

LEAD

Water by SM 19, 21 - 23 3113B (-04, -10) X

Turnaround

20 Days

Sample #	Location	Outlet Type	Time	Cooler Model	Lab ID	Results
169.10-37	Room 137	S	10:05			
169.10-38	Room 140	S	10:10			
169.10-39	Room 139	S	10:10			
169.10-40	Room 131	S	10:15			
169.10-41	Girls Lav	S	10:16			
169.10-42	Boys Lav	S	10:16			
169.10-43	Principal's Office	S	10:20			

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

Sampled By: R. Stotz Print Name Stohl Env: R. Stotz Date: 10/24/2020

Relinquished By: [signature] Print Name Stohl Env: Eric Henderson Jr. Date: 10/26/2020

Received (Name / Lab): T. Lohman / Date: 10/29/20 Time: 5:14

Sample Login (Name / Lab): [signature] Date: 11/17/20 Time: 527PM

Analysis (Name / Lab): J. Hertzler Date: 11/19/20 Time: 6:22pm

QA/QC Review (Name / Lab): [signature] Date: 11/20/20 Time: noon

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