Stohl ENVIRONMENTAL

3860 California Road
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(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:

- Pleasant View Building – 295 Pleasant View Drive, 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 30, 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, 9 sources of potable water in the Pleasant View Building has 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 30, 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:

- Pleasant View Building – 295 Pleasant View Drive, Lancaster, New York.

Scope of Work:

Stohl Environmental was charged with collecting first-draw water samples from outlets within the Pleasant View Building. Outlets are defined in NYS regulations as: "a potable water fixture currently or potentially used for drinking or cooking purposes, including but not limited to a bubbler, drinking fountain, or faucets".

Sampling Protocol:

In accordance with NYS regulations, ***Subpart 67-4: Lead Testing in School Drinking Water***, and the EPA guidance document, ***'3Ts for Reducing Lead in Drinking Water in Schools"***, Stohl Environmental's protocol can be summarized as follows:

- **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
Pleasant View Building	10/30/2020	25	16	9	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
169.11-5	Main Mens Lav Right	Sink	17.4
169.11-6	Main Womens Lav Left	Sink	47.0
169.11-7	Main Womens Lav Middle	Sink	25.7
169.11-8	Main Womens Lav Right	Sink	34.8
169.11-10	Locker Room Middle	Sink	49.1
169.11-11	Locker Room Back	Sink	16.5
169.11-13	Back Break Room Front	Sink	26.8
169.11-15	Back Break Room Left Lav	Sink	31.2
169.11-16	Back Break Room Right Lav	Sink	28.5

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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: 20-11-00702

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

Received Date: 11/04/2020
Reported Date: 12/01/2020
Sampled By: Paul Nichols
Tech Certification #:

Project/Test Address: 2020L-169.11; Pleasant View Building; 295 Pleasant View Dr; 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
20-11-00702-001	169.11-1	10/30/2020	FRONT BREAK ROOM	2.92	11/30/2020	
20-11-00702-002	169.11-2	10/30/2020	FRONT BREAK ROOM	3.60	11/30/2020	
20-11-00702-003	169.11-3	10/30/2020	FRONT BREAK ROOM	2.38	11/30/2020	
20-11-00702-004	169.11-4	10/30/2020	MAIN MENS	11.4	11/30/2020	
20-11-00702-005	169.11-5	10/30/2020	MAIN MENS	17.4	11/30/2020	
20-11-00702-006	169.11-6	10/30/2020	MAIN WOMENS	47.0	11/30/2020	
20-11-00702-007	169.11-7	10/30/2020	MAIN WOMENS	25.7	11/30/2020	
20-11-00702-008	169.11-8	10/30/2020	MAIN WOMENS	34.8	11/30/2020	
20-11-00702-009	169.11-9	10/30/2020	LOCKER ROOM	5.92	11/30/2020	
20-11-00702-010	169.11-10	10/30/2020	LOCKER ROOM	49.1	11/30/2020	
20-11-00702-011	169.11-11	10/30/2020	LOCKER ROOM	16.5	11/13/2020	
20-11-00702-012	169.11-12	10/30/2020	LOCKER ROOM	<1.00	11/30/2020	

Environmental Hazards Services, L.L.C

Client Number: 33-5980 Report Number: 20-11-00702

Project/Test Address: 2020L-169.11; Pleasant View Building; 295 Pleasant View Dr; Lancaster, NY 14086

Lab Sample Number	Client Sample ID	Collection Date	Collection Location	Concentration ug/L (ppb)	Analysis Date	Narrative ID
20-11-00702-013	169.11-13	10/30/2020	BACK BREAK ROOM	26.8	11/30/2020	
20-11-00702-014	169.11-14	10/30/2020	BACK BREAK ROOM	13.1	11/30/2020	
20-11-00702-015	169.11-15	10/30/2020	BACK BREAK ROOM	31.2	11/30/2020	
20-11-00702-016	169.11-16	10/30/2020	BACK BREAK ROOM	28.5	11/30/2020	
20-11-00702-017	169.11-17	10/30/2020	STADIUM LAV WOMENS	<1.00	11/30/2020	
20-11-00702-018	169.11-18	10/30/2020	STADIUM LAV WOMENS	1.13	11/30/2020	
20-11-00702-019	169.11-19	10/30/2020	STADIUM LAV WOMENS	<1.00	11/30/2020	
20-11-00702-020	169.11-20	10/30/2020	STADIUM LAV WOMENS	1.27	11/30/2020	
20-11-00702-021	169.11-21	10/30/2020	STADIUM LAV MENS	<1.00	11/30/2020	
20-11-00702-022	169.11-22	10/30/2020	STADIUM LAV MENS	<1.00	11/30/2020	
20-11-00702-023	169.11-23	10/30/2020	STADIUM LAV MENS	<1.00	11/30/2020	
20-11-00702-024	169.11-24	10/30/2020	STADIUM LAV MENS	<1.00	11/30/2020	
20-11-00702-025	169.11-25	10/30/2020	OUTSIDE LAV	<1.00	11/30/2020	

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

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Chain of Custody Document

Submitted to: (Lab Name) EHS

STOHL Job # 2020L-169.11

Client: Lancaster CSD

Contact: Michael Bryniarski

Building: Pleasant View Building

Location: 295 Pleasant View Dr. 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
169.11-1	Front Break Room	S	4:45			
169.11-2	Front Break Room	S	4:46			
169.11-3	Front Break Room	DF	4:47			
169.11-4	Main Mens	S	4:48			
169.11-5	Main Mens	S	4:49			
169.11-6	Main Womens	S	4:50			
169.11-7	Main Womens	S	4:51			
169.11-8	Main Womens	S	4:52			
169.11-9	Locker Room	S	4:53			
169.11-10	Locker Room	S	4:54			
169.11-11	Locker Room	S	4:55			
169.11-12	Locker Room	IM	4:56			
169.11-13	Back Break Room	S	4:57			
169.11-14	Back Break Room	DF	4:58			
169.11-15	Back Break Room	S	4:59			
169.11-16	Back Break Room	S	5:00			
169.11-17	Stadium Lav Womens	S	5:01			
169.11-18	Stadium Lav Womens	S	5:02			

20-11-00702

Due Date:
12/02/2020
(Wednesday)
AE

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

Sampled By: Paul Nichols Print Name Stohl Env: Paul Nichols Date: 10/30/2020

Relinquished By: [signature] Print Name Stohl Env: Eric Henderson Jr. Date: 11/2/2020

Received (Name / Lab): KT Date: 11.4.20 Time: 1:55 pm

Sample Login (Name / Lab): [signature] Date: 11/19/20 Time: 254PM

Analysis (Name / Lab): [signature] Date: 11/30/20 Time: 1:15 pm

QA/QC Review (Name / Lab): [signature] Date: 12/1/20 Time: 1:44

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

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Chain of Custody Document

Submitted to: (Lab Name) EHS

STOHL Job # 2020L-169.11

Client: Lancaster CSD

Contact: Michael Bryniarski

Building: Pleasant View Building

Location: 295 Pleasant View Dr. 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
169.11-19	Stadium Lav Womens	S	5:03			
169.11-20	Stadium Lav Womens	S	5:04			
169.11-21	Stadium Lav Mens	S	5:05			
169.11-22	Stadium Lav Mens	S	5:06			
169.11-23	Stadium Lav Mens	S	5:07			
169.11-24	Stadium Lav Mens	S	5:08			
169.11-25	Outside Lav	S	5:09			

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

Sampled By: Paul Nichols Print Name Stohl Env: Paul Nichols Date: 10/30/2020

Relinquished By: [signature] Print Name Stohl Env: Eric Henderson Jr. Date: 11/2/2020

Received (Name / Lab): KTHARRIS SK Date: 11.4.20 Time: 1:55 pm

Sample Login (Name / Lab): Traci Blom Date: 11/19/20 Time: 254PM

Analysis (Name / Lab): J. Hertzler Date: 11/30/20 Time: 1:15 pm

QA/QC Review (Name / Lab): Melvin Date: 12/1/20 Time: 1:44

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

BLANK



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