Stohl ENVIRONMENTAL

3860 California Road
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www.stohlenvironmental.com

June 3, 2021

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

RE: Follow-Up Sampling of Drinking Water for Lead Concentrations

Dear Mr. Bryniarski:

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

- John A. Sciole Elementary – 86 Alys 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)".

Recap of Initial Sampling and Analysis: In Compliance with NYS regulations, initial first draw water sampling was completed on October 24, 2020 and a total of 3 samples were identified as containing lead concentrations above the NYS Action Level of 15 ppb.

Mitigation by District and Follow-up Sampling by Stohl Environmental LLC:

- Following the receipt of initial sampling results, in accordance with guidance received from NYS, the District is reported to have prohibited use of the outlets analyzed as above the NYS Action Level of 15 ppb "(1) a lead remediation plan is implemented… and (2) test results indicate that the lead levels are at or below the action level".

- Subsequent to reported mitigation by the District, Stohl Environmental LLC was requested to perform follow-up sampling and laboratory analysis.

- Follow-up sampling was performed by Stohl Environmental LLC in accordance with the requirements and protocols outlined in NYS regulations, as well as USEPA Technical Guidance Document "3-T's for Reducing Lead in Drinking Water in Schools".

- Results of Follow-up Sampling: As detailed in Section 1.2 *(Executive Summary)* of the accompanying report, based upon the follow-up sampling and analysis performed, the following is reported:

    - Of the 3 outlets identified as above the action level in the initial investigation report dated November 30, 2020:

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- 0 outlets were re-sampled on March 6, 2021 and analyzed by a certified and independent laboratory as at or below the action level; thus cleared for use.

- 3 outlets were re-sampled on March 6, 2021 and analyzed by a certified and independent laboratory as above action level; therefore, it is recommended that the District continue to prohibit use of the outlet until further mitigation and additional sampling and analysis is performed.

Thank you for the opportunity to be of service to Lancaster Central School District.

Sincerely,
Stohl Environmental, LLC.



Eric Henderson Jr.
Senior Project Manager

Follow-Up 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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John A. Sciole Elementary

Conditions as of March 6, 2021

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Summary Tabulation

Lead in Drinking Water Investigation

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1.1 Sampling Protocol and Summary of Results:

Stohl Environmental was retained by Lancaster Central School District to perform follow-up sampling and analysis of potable water outlets that were identified in report dated November 30, 2020 as having lead concentrations greater than the NYS action level of 15 ppb. Sampling was performed in the following buildings:

- John A. Sciole Elementary – 86 Alys Drive, Lancaster, New York.

Scope of Work:

Stohl Environmental was charged with collecting follow-up water samples from outlets which previously were analyzed as having lead concentrations above 15 ppb in John A. Sciole Elementary. 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:

- **Follow-up Samples** were collected to verify initial findings of lead contaminations, to assist in problem assessment to determine remediation, and/or verify that lead levels are at or below action level post-remediation. Confirmatory samples were collected as follows:

    - **Follow-up 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.

    - **To supplement follow-up first draw samples, in some instances, Flush samples** of 250 mL were collected from cold water outlets after the outlet was run for 30 seconds before any water was used or following a second first-draw sample at the same outlet. 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 & Follow-up Samples:

Building Name	Date of Sample Events	Total Number Samples Collected	Initial First Draw Samples		Follow-up Samples	
					First Draw Samples	
			Analyzed at or Below Action Level of 15 ppb	Analyzed Above Action Level of 15 ppb	Analyzed at or Below Action Level of 15 ppb	Analyzed Above Action Level of 15 ppb
John A. Sciole Elementary	10/24/2020	68	65	3	N/A	N/A
	3/6/2021	5	N/A	N/A	2	3
Grand Total:		73				

****** Follow-up 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.

Sample Results: Initial First Draw and Follow-up First Draw:

Sample #	Classroom or other Location	Fixture/Outlet type	Date Sampled	Laboratory Analysis in ppb
169.7-2	Room 1	Sink	10/24/2020	23.0
			3/6/2021	35.4
169.7-25	Faculty Lav Left	Sink	10/24/2020	N/A
			3/6/2021	1.8
169.7-32	Room 18	Sink	10/24/2020	N/A
			3/6/2021	2.4
169.7-57	Outdoor Restroom	Sink	10/24/2020	17.2
			3/6/2021	24.2
169.7-61	Kitchen Pan Fill	Sink	10/24/2020	25.7
			3/6/2021	84.9

Note: It is recommended that the District continue to prohibit use of any outlet identified above the action level until further mitigation and additional sampling and analysis is performed.

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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: 21-03-02228

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

Received Date: 03/11/2021
Reported Date: 04/05/2021
Sampled By: Paul Nichols
Tech Certification #:

Project/Test Address: 2020L-169.7; John A Sciole Elem; 86 Alys Dr; Depew, NY 14043

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
21-03-02228-001	169.7-2	03/06/2021	ROOM 1	35.4	03/25/2021	
21-03-02228-002	169.7-25	03/06/2021	FACULTY LAV LEFT	1.79	03/25/2021	
21-03-02228-003	169.7-32	03/06/2021	ROOM 18	2.38	03/24/2021	
21-03-02228-004	169.7-57	03/06/2021	OUTDOOR RESTROOM	24.2	03/25/2021	
21-03-02228-005	169.7-61	03/06/2021	KITCHEN PAN FILL	84.9	03/25/2021	

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

Reviewed By Authorized Signatory:

Tasha Eaddy
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, 2022
Issued April 01, 2021
Revised April 02, 2021

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 (2016) for the category ENVIRONMENTAL ANALYSES POTABLE WATER
All approved analytes are listed below:

Metals I

Arsenic, Total	EPA 200.8 Rev. 5.4
Copper, Total	SM 19, 21-23 3113B (-04,-10)
	EPA 200.8 Rev. 5.4
Lead, Total	SM 19, 21-23 3113B (-04,-10)
	EPA 200.8 Rev. 5.4
Manganese, Total	EPA 200.8 Rev. 5.4

NEW YORK STATE OF OPPORTUNITY. Department of Health

Serial No.: 63485

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

Chain of Custody Document

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Submitted to: (Lab Name) EHS

STOHL Job # 2020L-169.7

Client: Lancaster CSD Contact: Michael Bryniarski

Building: John A. Sciole Elem Location: 86 Alys Dr Depew, NY 14043

LEAD

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

Turnaround: 20 Days

Sample #	Location
169.7-2	Room 1
169.7-25	Faculty Lav Left
169.7-32	Room 18
169.7-57	Outdoor Restroom
169.7-61	Kitchen Pan Fill

Outlet Type	Time
Sink	10:20
Sink	10:22
Sink	10:24
Sink	10:26
Sink	10:28

21-03-02228

Due Date:
04/08/2021
(Thursday)
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: 3/6/2021

Relinquished By: E. Henderson Jr. Print Name Stohl Env: Eric Henderson Jr. Date: 3/8/2021

Received (Name / Lab): KTHARRIS / Stohl Date: 3.11.21 Time: 10:28 AM

Sample Login (Name / Lab): Traci Bloom / Stohl Date: 3/15/21 Time: 7:40 AM

Analysis (Name / Lab): J. Hertzler Date: 3/25/21 Time: 12:46 pm

QA/QC Review (Name / Lab): D. Fudda Date: 4/5/21 Time: 10:24 am

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

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