

May 26, 2021

Mr. Pat Quinn  
Chautauqua Lake Central School District  
Business Administrator  
100 North Erie Street  
Mayville, New York 14757

**RE: Investigation and Sampling of Drinking Water for Lead Concentrations**

Dear Mr. Quinn:

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

- Chautauqua Lake Bus Garage – 100 North Erie Street, Mayville, 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 April 1, 2021. 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, 5 sources of potable water in the Chautauqua Lake Bus Garage 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 Chautauqua Lake 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:**

**Chautauqua Lake Central School District**

**Prepared by:**



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**3860 California Road, Orchard Park, New York 14127**  
**PHONE (716) 312-0070 FAX (716) 312-8092**  
**[WWW.STOHLENVIRONMENTAL.COM](http://WWW.STOHLENVIRONMENTAL.COM)**

**Bus Garage**

**Conditions as of April 1, 2021**

## **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 Scope of Work and Sampling Protocol:

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

- Chautauqua Lake Bus Garage – 100 North Erie Street, Mayville, New York.

### Scope of Work:

Stohl Environmental was charged with collecting first-draw water samples from outlets within the Chautauqua Lake Bus Garage. 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).

## 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
Chautauqua Lake Bus Garage	4/1/2021	11	6	5	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
142.1-8	113 Work Bay Left	Sink	23.3
142.1-9	113 Work Bay Right	Sink	67.1
142.1-12	Men's Room – Left Sink	Sink	17.6
142.1-16	Women's Room – Left Sink	Sink	17.0
142.1-19	Room 106	Sink	119



**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



## Lead in Drinking Water Analysis Report

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

Report Number: 21-04-00727

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

Received Date: 04/06/2021  
Reported Date: 05/04/2021  
Sampled By: Andrew Theal  
Tech Certification #:

Project/Test Address: 2020L-142.2; Chautauqua Lake Bus Garage; 100 N Erie St; Mayville, NY 14757

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
21-04-00727-001	142.2-6	04/01/2021	EQUIPMENT STORAGE	2.31	05/03/2021	
21-04-00727-002	142.2-7	04/01/2021	LOUNGE	4.95	05/03/2021	
21-04-00727-003	142.2-8	04/01/2021	113 WORK BAY LEFT	23.3	05/03/2021	
21-04-00727-004	142.2-9	04/01/2021	113 WORK BAY RIGHT	67.1	05/03/2021	
21-04-00727-005	142.2-12	04/01/2021	MEN'S ROOM LEFT SINK	17.6	05/03/2021	
21-04-00727-006	142.2-13	04/01/2021	MEN'S ROOM RIGHT SINK	5.12	05/03/2021	
21-04-00727-007	142.2-14	04/01/2021	DRINKING FOUNTAIN LEFT	3.17	05/03/2021	
21-04-00727-008	142.2-15	04/01/2021	DRINKING FOUNTAIN RIGHT	4.46	05/03/2021	
21-04-00727-009	142.2-16	04/01/2021	WOMEN'S ROOM LEFT SINK	17.0	05/03/2021	
21-04-00727-010	142.2-17	04/01/2021	WOMEN'S ROOM RIGHT SINK	9.01	05/03/2021	
21-04-00727-011	142.2-19	04/01/2021	ROOM 106	119	05/03/2021	



# Environmental Hazards Services, L.L.C

Client Number: 33-5980

Report Number: 21-04-00727

Project/Test Address: 2020L-142.2; Chautauqua Lake Bus Garage; 100 N Erie  
St; Mayville, NY 14757

Lab Sample Number	Client Sample ID	Collection Date	Collection Location	Concentration ug/L (ppb)	Analysis Date	Narrative ID
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Method: EPA 200.8  
Analyst: Anthony Dee  
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

## 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

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.





1.6 Chains of Custody



## Chain of Custody Document

3860 California Road, Orchard Park, New York 14127  
PHONE (716) 312-0070 FAX (716) 312-8092  
WWW.STOHLENVIRONMENTAL.COM

Submitted to: (Lab Name) EHS

STOHL Job # 2020L-142.2

Client: Chautauqua Lake CSD

Contact: Pat Quinn

Building: Chautauqua Lake Bus Garage

Location: 100 N Erie St, Mayville, NY 14757

### LEAD

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

Turnaround

20 Days

Sample #	Location	Outlet Type	Time
1 142.2-6	Equipment Storage	S	4:04
2 142.2-7	Lounge	S	4:05
3 142.2-8	113 work bay - Left	S	4:06
4 142.2-9	113 work bay - Right	S	4:07
5 142.2-12	Men's room - left sink	S	4:08
6 142.2-13	Men's room - Right sink	S	4:09
7 142.2-14	Drinking fountain - Left	DF	4:10
8 142.2-15	Drinking fountain - Right	DF	4:11
9 142.2-16	Women's room - Left sink	S	4:12
10 142.2-17	Women's room - Right sink	S	4:13
11 142.2-19	Room 106	S	4:15

### Notes:

Please e-mail lab results to [labs@stohlenv.com](mailto:labs@stohlenv.com)

☒ If checked, also e-mail results to: [Ehenderson@StohlEnv.com](mailto:Ehenderson@StohlEnv.com)

Sampled By: Andrew Theal Print Name Andrew Theal Stohl Env: Andrew Theal Date: 4/1/2021

Relinquished By: E. Henderson Jr. Print Name Eric Henderson Jr. Stohl Env: Eric Henderson Jr. Date: 4/2/2021

Received (Name / Lab): R. Harris Date: 4-6-21 Time: 10:51 AM

Sample Login (Name / Lab): T. Harris Date: 4/2/21 9:24

Analysis (Name / Lab): Sample Date: 5/3/21 2:59pm

QA/QC Review (Name / Lab): M. Harris Date: 5/4/21 4pm

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

21-04-00727



Due Date:  
05/04/2021  
(Tuesday)  
AE



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# **Stohl**

## **ENVIRONMENTAL**

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**3860 California Road, Orchard Park, New York 14127**

**PHONE (716) 312-0070 FAX (716) 312-8092**

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