

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:

- Lancaster High School – 1 Forton 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 17, 2020 and a total of 25 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 25 outlets identified as above the action level in the initial investigation report dated November 30, 2020:

- 3 outlets were re-sampled on February 27, 2021 and analyzed by a certified and independent laboratory as at or below the action level; thus cleared for use.
- 22 outlets were re-sampled on February 27, 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:**



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

**Lancaster High School**

**Conditions as of February 27, 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 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:

- Lancaster High School – 1 Forton 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 Lancaster High 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:

- **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).

## 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
High School	10/17/2020	238	213	25	N/A	N/A
	2/27/2021	25	N/A	N/A	3	22
Grand Total:		263				

\*\* 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
169.1-5	Kitchen Center Single Bay	Sink	10/17/2021	19.6
			2/27/2021	19.9
169.1-34	Shop Room 168 Center	Sink	10/17/2021	36.1
			2/27/2021	19.7
169.1-36	Boys Pool Locker Room	Sink	10/17/2021	16.7
			2/27/2021	19.3
169.1-37	Boys Pool Locker Room	DF	10/17/2021	30.8
			2/27/2021	13.8
169.1-39	Tech Room 167 Left	Sink	10/17/2021	47.0
			2/27/2021	2.02
169.1-42	Tech Room 166 Left	Sink	10/17/2021	36.9
			2/27/2021	25.7
169.1-44	Tech Room 166 Right	Sink	10/17/2021	15.7
			2/27/2021	19.8
169.1-45	Tech Room 166 Far Right	Bub	10/17/2021	26.8
			2/27/2021	23.0
169.1-83	Art Room 151 Front Sink Left	Sink	10/17/2021	15.3
			2/27/2021	18.7
169.1-111	Credit Union 140	Sink	10/17/2021	17.6
			2/27/2021	21.9
169.1-119	Room 138A	Sink	10/17/2021	18.9
			2/27/2021	88.4
169.1-120	Room 136A	Sink	10/17/2021	24.5
			2/27/2021	19.7
169.1-150	Room 111A Office Area	Sink	10/17/2021	52.1
			2/27/2021	48.0
169.1-152	Room 114A	Sink	10/17/2021	15.7
			2/27/2021	15.5
169.1-155	S11/S12 Prep Room	Sink	10/17/2021	48.5
			2/27/2021	14.6
169.1-156	S13 Hallway	DF	10/17/2021	33.8
			2/27/2021	24.4
169.1-157	Si3/S14 Prep Room	Sink	10/17/2021	37.5
			2/27/2021	48.7

Sample #	Classroom or other Location	Fixture/Outlet type	Date Sampled	Laboratory Analysis in ppb
169.1-161	Room 128A	Sink	10/17/2021	15.3
			2/27/2021	18.9
169.1-171	Room 129 Back	Sink	10/17/2021	16.1
			2/27/2021	17.4
169.1-180	Faculty Lav 112A Right	Sink	10/17/2021	19.1
			2/27/2021	21.8
169.1-182	2nd Floor North Men's Faculty Lav Center	Sink	10/17/2021	35.5
			2/27/2021	37.1
169.1-183	2nd Floor North Men's Faculty Lav Right	Sink	10/17/2021	54.4
			2/27/2021	52.9
169.1-184	2nd Floor North Women's Faculty Lav Left	Sink	10/17/2021	35.5
			2/27/2021	33.6
169.1-223	Room 217 North	Sink	10/17/2021	19.9
			2/27/2021	18.8
169.1-228	Room 221	Sink	10/17/2021	16.3
			2/27/2021	17.1

**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.



### **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



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

## Lead in Drinking Water Analysis Report

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

Report Number: 21-03-00581  
Received Date: 03/03/2021  
Reported Date: 03/31/2021  
Sampled By: Christine Schultz  
Tech Certification #:

Project/Test Address: 2020L-169-1; Lancaster High School; 1 Forton Drive; Lancaster, NY

Client Number:  
33-5980

Fax Number:  
716-312-8092

# Laboratory Results

Lab Sample Number	Client Sample ID	Collection Date	Collection Location	Concentration ug/L (ppb)	Analysis Date	Narrative ID
21-03-00581-001	169.1-5	02/27/2021	KITCHEN CENTER SINGLE BAY	19.9	03/23/2021	
21-03-00581-002	169.1-34	02/27/2021	SHOP ROOM 168 CENTER	19.7	03/23/2021	
21-03-00581-003	169.1-36	02/27/2021	BOYS POOL LOCKER ROOM	19.3	03/23/2021	
21-03-00581-004	169.1-37	02/27/2021	BOYS POOL LOCKER ROOM	13.8	03/23/2021	
21-03-00581-005	169.1-39	02/27/2021	TECH ROOM 167 LEFT	2.02	03/25/2021	
21-03-00581-006	169.1-42	02/27/2021	TECH ROOM 166 LEFT	25.7	03/23/2021	
21-03-00581-007	169.1-44	02/27/2021	TECH ROOM 166 RIGHT	19.8	03/23/2021	
21-03-00581-008	169.1-45	02/27/2021	TECH ROOM 166 FAR RIGHT	23.0	03/23/2021	
21-03-00581-009	169.1-83	02/27/2021	ART ROOM 151 FRONT SINK LEFT	18.7	03/23/2021	
21-03-00581-010	169.1-111	02/27/2021	CREDIT UNION 140	21.9	03/23/2021	
21-03-00581-011	169.1-119	02/27/2021	ROOM 138A	88.4	03/24/2021	
21-03-00581-012	169.1-120	02/27/2021	ROOM 136A	19.7	03/24/2021	
21-03-00581-013	169.1-150	02/27/2021	ROOM 111A OFFICE AREA	48.0	03/24/2021	

# Environmental Hazards Services, L.L.C

Client Number: 33-5980  
Project/Test Address: 2020L-169-1; Lancaster High School; 1 Forton Drive;  
Lancaster, NY

Report Number: 21-03-00581

Lab Sample Number	Client Sample ID	Collection Date	Collection Location	Concentration ug/L (ppb)	Analysis Date	Narrative ID
21-03-00581-014	169.1-152	02/27/2021	ROOM 114A	15.5	03/24/2021	
21-03-00581-015	169.1-155	02/27/2021	S11/S12 PREP ROOM	14.6	03/24/2021	
21-03-00581-016	169.1-156	02/27/2021	S13 HALLWAY	24.4	03/24/2021	
21-03-00581-017	169.1-157	02/27/2021	S13/S14 PREP ROOM	48.7	03/24/2021	
21-03-00581-018	169.1-161	02/27/2021	ROOM 128A	18.9	03/24/2021	
21-03-00581-019	169.1-171	02/27/2021	ROOM 129 BACK	17.4	03/24/2021	
21-03-00581-020	169.1-180	02/27/2021	FACULTY LAV 112A RIGHT	21.8	03/24/2021	
21-03-00581-021	169.1-182	02/27/2021	2ND FLOOR NORTH MENS FACULTY LAV CENTER	37.1	03/24/2021	
21-03-00581-022	169.1-183	02/27/2021	2ND FLOOR NORTH MENS FACULTY LAV RIGHT	52.9	03/24/2021	
21-03-00581-023	169.1-184	02/27/2021	2ND FLOOR NORTH WOMENS FACULTY LAV RIGHT	33.6	03/24/2021	
21-03-00581-024	169.1-223	02/27/2021	ROOM 217 NORTH	18.8	03/24/2021	
21-03-00581-025	169.1-228	02/27/2021	ROOM 221	17.1	03/24/2021	

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

## 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.





## 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-169.1

Client: Lancaster CSD

Contact: Michael Bryniars

Building: Lancaster High School

Location: 1 Forton Drive, Lancaster NY

### LEAD

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

Turnaround

20 Days

Sample #	Location	Outlet Type	Time
169.1-5	Kitchen Center Single Bay	Sink	7:05
169.1-34	Shop Room 168 Center	Sink	7:20
169.1-36	Boys Pool Locker Room	Sink	7:22
169.1-37	Boys Pool Locker Room	DF	7:24
169.1-39	Tech Room 167 Left	Sink	7:26
169.1-42	Tech Room 166 Left	Sink	7:28
169.1-44	Tech Room 166 Right	Sink	7:30
169.1-45	Tech Room 166 Far Right	Bub	7:32
169.1-83	Art Room 151 Front Sink Left	Sink	7:40
169.1-111	Credit Union 140	Sink	7:45
169.1-119	Room 138A	Sink	7:55
169.1-120	Room 136A	Sink	8:05
169.1-150	Room 111A Office Area	Sink	8:07
169.1-152	Room 114A	Sink	8:11
169.1-155	S11/S12 Prep Room	Sink	8:13
169.1-156	S13 Hallway	DF	8:15
169.1-157	S13/S14 Prep Room	Sink	8:17
169.1-161	Room 128A	Sink	8:19

### 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: Christine Schultz Print Name Christine Schultz Date: 2/27/2021

Relinquished By: Eric Henderson Jr. Print Name Eric Henderson Jr. Date: 3/1/2021

Received (Name / Lab): KTHARRIS OR STONE Date: 3-3-21 Time: 11:37 AM

Sample Login (Name / Lab): T. Aone Stone Date: 3/14/21 1:51am

Analysis (Name / Lab): J. Hertler Date: 3/25/21 11:17am

QA/QC Review (Name / Lab): J. Fuddy Date: 3/31/21 9:27am

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

21-03-00581



Due Date:  
**03/31/2021**  
(Wednesday)  
AE





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

L  
27

# Chain of Custody Document

Submitted to: (Lab Name) EHS

STOHL Job # 2020L-169.1

Client: Lancaster CSD

Contact: Michael Bryniars

Building: Lancaster High School

Location: 1 Forton Drive, Lancaster NY

**LEAD**

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

X

## Turnaround

20 Days

[illegible]

Notes:

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

Ehenderson@StohlEnv.com

Sampled By: Christine Schultz      Print Name      Stohl Env: Christine Schultz      Date: 2/27/2021

Relinquished By: E. Henderson Jr. Print Name Stohl Env: Eric Henderson Jr. Date: 3/1/2021

Received (Name / Lab): KEITH AARIS Date: 3.3.21 Time: 11:37 AM

Sample Login (Name / Lab): J. Stone / Stone Date: 3/14/21 Time: 1:51 am

Analysis (Name / Lab): A. Hertler Date: 3/25/21 Time: 11:17 am

QA/QC Review (Name / Lab): J. Fiedler Date: 3/3/21 Time: 9:37 a.m.

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

BLANK

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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)**