

Water Sampling – Central Avenue School Final Report

Stohl Environmental
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December 15, 2020

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

Regarding: 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 New York State regulations, Subpart 67-4: Lead Testing in School Drinking Water, by identifying the sources of potable water with lead concentrations greater than the New York State "Action Level of 15 parts per billion (p.p.b)".

The Investigation and Sampling was performed on October 24, 2020. The Protocol for the Investigation followed the requirements of New York State regulations as well as United States Environmental Protection Agency Technical Guidance "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 lead concentration in water above the New York State Action Level of 15 parts per billion. To comply with New York State 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.

"Signature of 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
3860 California Road
Orchard Park, New York 14127
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Conditions as of October 24, 2020

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 Transportation Department. Outlets are defined in New York State 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 New York State regulations, Subpart 67 -4: Lead Testing in School Drinking Water, and the Environmental Protection Agency 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 New York State Department of Health's Environmental Laboratory Approval Program (E L A P).

1.2 Executive Summary of Sampling and Analysis:

Total Number of Samples Collected by Building Classified by First Draw and Confirmatory Samples:

The date of sample event on 10/24/2020 Central Avenue School had a total of 43 samples collected. The First draw samples had 35 samples at or below action level of 15 parts per billion and 8 samples above action level of 15 parts per billion.

The date of sample event on 10/24/2020 Central Avenue School had confirmatory samples at or below action level of 15 parts per billion and above action level of 15 parts per billion that are not applicable.

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.

Listings of Outlet Requiring Remediation

Locations of Outlets analyzed above New York State level of 15 parts per billion based upon analysis of first draw samples:

Sample Number 169.10-20	Room 119	Fixture	Sink	Laboratory Analysis parts per billion	17.5
Sample Number 169.10-29	Women's Lavatory Door Side	Fixture	Sink	Laboratory Analysis parts per billion	15.3
Sample Number 169.10-30	Women's Lavatory Window Side	Fixture	Sink	Laboratory Analysis parts per billion	31.3
Sample Number 169.10-31	Men's Lavatory Closest to Door	Fixture	Sink	Laboratory Analysis parts per billion	21.8
Sample Number 169.10-33	Men's Lavatory Center Left	Fixture	Sink	Laboratory Analysis parts per billion	17.7
Sample Number 169.10-35	Room 135	Fixture	Sink	Laboratory Analysis parts per billion	33.2
Sample Number 169.10-41	131	Fixture	Sink	Laboratory Analysis parts per billion	36.4
Sample Number 169.10-42	Boy's Lavatory	Fixture	Sink	Laboratory Analysis parts per billion	17.2

1.3 Response Actions Required Under New York State Regulations, Section 67-4.4:

For outlets analyzed with a lead concentration in excess of the New York State 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, LLC
7469 Whitepine Road
Richmond, VA 23237
Telephone: 800-347-4010

Lead in Drinking Water Analysis Report

Report Number: 20 - 10 - 0 6 1 2 7

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

Received Date: 10/29/2020

Reported Date: 11/20/2020

Sampled By: P Nichols and C Schultz

Tech Certification Number:

Project Test Address: 2 0 2 0 L-169 .10; Central Avenue; 149 Central Avenue.; Lancaster, NY 14086

Client Number: 33-5 9 8 0

Fax Number: 716-312-8092

Laboratory Results

Laboratory Sample Number: 20-10-0 6 1 2 7-0 0 1

Client Sample Identification Number 169.10-1

Collection date: 10/24/2020

Kitchen Sink

Micrograms per liter: 7.77

Analysis Date: 11/19/2020

Laboratory Sample Number: 20-10-0 6 1 2 7-0 0 2

Client Sample Identification Number 169.10-2

Collection date: 10/24/2020

Kitchen Ice Machine

Micrograms per liter: less than 1.00

Analysis Date: 11/19/2020

Laboratory Sample Number: 20-10-0 6 1 2 7-0 0 3

Client Sample Identification Number 169.10-3

Collection date: 10/24/2020

Board Room

Micrograms per liter: less than 1.00

Analysis Date: 11/19/2020

Laboratory Sample Number: 20-10-0 6 1 2 7-0 0 4

Client Sample Identification Number 169.10-4

Collection date: 10/24/2020

Board Room Lavatory

Micrograms per liter: 10.5

Analysis Date: 11/19/2020

Laboratory Sample Number: 20-10-0 6 1 2 7-0 0 5

Client Sample Identification Number 169.10-5

Collection date: 10/24/2020

Room 105

Micrograms per liter: less than 1.00

Analysis Date: 11/19/2020

Laboratory Sample Number: 20-10-0 6 1 2 7-0 0 6

Client Sample Identification Number 169.10-6

Collection date: 10/24/2020

Room 105 Lavatory

Micrograms per liter: 2.18

Analysis Date: 11/19/2020

Laboratory Sample Number: 20-10-0 6 1 2 7-0 0 7
Client Sample Identification Number 169.10-7
Collection date: 10/24/2020
Room 106
Micrograms per liter: 4.46
Analysis Date: 11/19/2020
Laboratory Sample Number: 20-10-0 6 1 2 7-0 0 8
Client Sample Identification Number 169.10-8
Collection date: 10/24/2020
Room 106 Lavatory
Micrograms per liter: 6.29
Analysis Date: 11/19/2020
Laboratory Sample Number: 20-10-0 6 1 2 7-0 0 9
Client Sample Identification Number 169.10-9
Collection date: 10/24/2020
Girl's Lavatory near toilet
Micrograms per liter: 2.62
Analysis Date: 11/19/2020
Laboratory Sample Number: 20-10-0 6 1 2 7-0 10
Client Sample Identification Number 169.10-10
Collection date: 10/24/2020
Girl's Lavatory near window
Micrograms per liter: 2.11
Analysis Date: 11/19/2020
Laboratory Sample Number: 20-10-0 6 1 2 7-0 11
Client Sample Identification Number 169.10-11
Collection date: 10/24/2020
Boy's Lavatory near toilet
Micrograms per liter: 2.25
Analysis Date: 11/19/2020
Laboratory Sample Number: 20-10-0 6 1 2 7-0 12
Client Sample Identification Number 169.10-12
Collection date: 10/24/2020
Boy's Lavatory near window
Micrograms per liter: 2.13
Analysis Date: 11/19/2020
Laboratory Sample Number: 20-10-0 6 1 2 7-0 13
Client Sample Identification Number 169.10-13
Collection date: 10/24/2020
Fountain Outside Lavatories
Micrograms per liter: 3.52
Analysis Date: 11/19/2020
Laboratory Sample Number: 20-10-0 6 1 2 7-0 14
Client Sample Identification Number 169.10-14
Collection date: 10/24/2020
Room 107
Micrograms per liter: 2.14
Analysis Date: 11/19/2020

Laboratory Sample Number: 20-10-0 6 1 2 7-0 15
Client Sample Identification Number 169.10-15
Collection date: 10/24/2020
Room 110
Micrograms per liter: 1.06
Analysis Date: 11/19/2020
Laboratory Sample Number: 20-10-0 6 1 2 7-0 16
Client Sample Identification Number 169.10-16
Collection date: 10/24/2020
Room 108
Micrograms per liter: 8.02
Analysis Date: 11/19/2020
Laboratory Sample Number: 20-10-0 6 1 2 7-0 17
Client Sample Identification Number 169.10-17
Collection date: 10/24/2020
Room 109
Micrograms per liter: 4.50
Analysis Date: 11/19/2020
Laboratory Sample Number: 20-10-0 6 1 2 7-0 18
Client Sample Identification Number 169.10-18
Collection date: 10/24/2020
Room 116
Micrograms per liter: 6.28
Analysis Date: 11/19/2020
Laboratory Sample Number: 20-10-0 6 1 2 7-0 19
Client Sample Identification Number 169.10-19
Collection date: 10/24/2020
Room 117
Micrograms per liter: 1.84
Analysis Date: 11/19/2020
Laboratory Sample Number: 20-10-0 6 1 2 7-0 20
Client Sample Identification Number 169.10-20
Collection date: 10/24/2020
Room 119
Micrograms per liter: 17.5
Analysis Date: 11/19/2020
Laboratory Sample Number: 20-10-0 6 1 2 7-0 21
Client Sample Identification Number 169.10-21
Collection date: 10/24/2020
Fountain Outside Room 126
Micrograms per liter: 5.78
Analysis Date: 11/19/2020
Laboratory Sample Number: 20-10-0 6 1 2 7-0 22
Client Sample Identification Number 169.10-22
Collection date: 10/24/2020
Boy's Locker Room
Micrograms per liter: 2.43
Analysis Date: 11/19/2020

Laboratory Sample Number: 20-10-0 6 1 2 7-0 23
Client Sample Identification Number 169.10-23
Collection date: 10/24/2020
Girl's Locker Room
Micrograms per liter: 9.00
Analysis Date: 11/19/2020
Laboratory Sample Number: 20-10-0 6 1 2 7-0 24
Client Sample Identification Number 169.10-24
Collection date: 10/24/2020
Room 125
Micrograms per liter: 9.19
Analysis Date: 11/19/2020
Laboratory Sample Number: 20-10-0 6 1 2 7-0 25
Client Sample Identification Number 169.10-25
Collection date: 10/24/2020
Room 125 Lavatory
Micrograms per liter: 6.00
Analysis Date: 11/19/2020
Laboratory Sample Number: 20-10-0 6 1 2 7-0 26
Client Sample Identification Number 169.10-26
Collection date: 10/24/2020
Room 126
Micrograms per liter: 5.62
Analysis Date: 11/19/2020
Laboratory Sample Number: 20-10-0 6 1 2 7-0 27
Client Sample Identification Number 169.10-27
Collection date: 10/24/2020
Room 127
Micrograms per liter: 2.03
Analysis Date: 11/19/2020
Laboratory Sample Number: 20-10-0 6 1 2 7-0 28
Client Sample Identification Number 169.10-28
Collection date: 10/24/2020
Lavatory Near Room 127
Micrograms per liter: 12.7
Analysis Date: 11/19/2020
Laboratory Sample Number: 20-10-0 6 1 2 7-0 29
Client Sample Identification Number 169.10-29
Collection date: 10/24/2020
Women's Lavatory Door Side
Micrograms per liter: 15.3
Analysis Date: 11/19/2020
Laboratory Sample Number: 20-10-0 6 1 2 7-0 30
Client Sample Identification Number 169.10-30
Collection date: 10/24/2020
Women's Lavatory Window Side
Micrograms per liter: 31.3
Analysis Date: 11/19/2020

Laboratory Sample Number: 20-10-0 6 1 2 7-0 31
Client Sample Identification Number 169.10-31
Collection date: 10/24/2020
Men's Lavatory Close to Door
Micrograms per liter: 21.8
Analysis Date: 11/19/2020
Laboratory Sample Number: 20-10-0 6 1 2 7-0 32
Client Sample Identification Number 169.10-32
Collection date: 10/24/2020
Men's Lavatory center Right
Micrograms per liter: 14.9
Analysis Date: 11/19/2020
Laboratory Sample Number: 20-10-0 6 1 2 7-0 33
Client Sample Identification Number 169.10-33
Collection date: 10/24/2020
Men's Lavatory Center Left
Micrograms per liter: 17.7
Analysis Date: 11/19/2020
Laboratory Sample Number: 20-10-0 6 1 2 7-0 34
Client Sample Identification Number 169.10-34
Collection date: 10/24/2020
Men's Lavatory Close to Window
Micrograms per liter: 14.8
Analysis Date: 11/19/2020
Laboratory Sample Number: 20-10-0 6 1 2 7-0 35
Client Sample Identification Number 169.10-35
Collection date: 10/24/2020
Room 135
Micrograms per liter: 33.2
Analysis Date: 11/19/2020
Laboratory Sample Number: 20-10-0 6 1 2 7-0 36
Client Sample Identification Number 169.10-36
Collection date: 10/24/2020
Fountain Near 136
Micrograms per liter: 5.21
Analysis Date: 11/19/2020
Laboratory Sample Number: 20-10-0 6 1 2 7-0 37
Client Sample Identification Number 169.10-37
Collection date: 10/24/2020
Room 137
Micrograms per liter: less than 1.00
Analysis Date: 11/19/2020
Laboratory Sample Number: 20-10-0 6 1 2 7-0 38
Client Sample Identification Number 169.10-38
Collection date: 10/24/2020
Room 140
Micrograms per liter: less than 1.00
Analysis Date: 11/19/2020

Laboratory Sample Number: 20-10-0 6 1 2 7-0 39

Client Sample Identification Number 169.10-39

Collection date: 10/24/2020

Room 139

Micrograms per liter: 1.63

Analysis Date: 11/19/2020

Laboratory Sample Number: 20-10-0 6 1 2 7-0 40

Client Sample Identification Number 169.10-40

Collection date: 10/24/2020

Room 131

Micrograms per liter: 36.4

Analysis Date: 11/19/2020

Laboratory Sample Number: 20-10-0 6 1 2 7-0 41

Client Sample Identification Number 169.10-41

Collection date: 10/24/2020

Girl's Lavatory

Micrograms per liter: 5.57

Analysis Date: 11/19/2020

Laboratory Sample Number: 20-10-0 6 1 2 7-0 42

Client Sample Identification Number 169.10-42

Collection date: 10/24/2020

Boy's Lavatory

Micrograms per liter: 17.2

Analysis Date: 11/19/2020

Laboratory Sample Number: 20-10-0 6 1 2 7-0 43

Client Sample Identification Number 169.10-43

Collection date: 10/24/2020

Principal's Office

Micrograms per liter: 3.17

Analysis Date: 11/19/2020

Method: SM 3 1 1 3 B – 2 0 1 0

Analyst: Jennalee Hertzler

Accreditation Number: New York 1 1 7 1 4

Reviewed and Authorized Signatory by Melissa Kanode; Quality Assurance Quality Control Clerk

Sample results denoted with a "less than" sign contain less than the reporting limit which is 1 part per billion.

The EPA Maximum Contaminant Level for Lead in Drinking Water is 15 parts per billion. The results herein conform to National Environmental Laboratory Accreditation Conference 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, were provided by the client. This report cannot be reproduced, except in full, without written approval from Environmental Hazards Services, L.L.C.

1.5 Laboratory Certifications

New York State Department of Health Wadsworth Center

Certificate of Approval for Laboratory Service

issued in accordance with and pursuant to section 502 Public Health Law of New York state

Expires 12:01 AM April 01, 2021

Issued April 01, 2020

New York Laboratory Identification Number: 1 1 7 1 4

Ms. Julie Dickerson

Environmental Hazards Services, L.L.C.

7469 Whitepine Road

North Chesterfield, VA 23237

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 1

Copper, Total S M 19, 21-23 3 1 1 3 B (-04, -10)

Lead, Total S M 19, 21-23 3 1 1 3 B (-04, -10)

Serial Number: 6 1 5 1 4

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 submitted to Environmental Hazards Services, L.L.C.

Stohl Job Number: 2 0 2 0 L -169 .10

Lancaster Central School District

Contact: Michael Bryniarski

Central Avenue

149 Central Avenue, Lancaster, New York 14086

Lead: Water by S M 19, 21-23 3 1 1 3 B (-04, -10)

Turnaround 20 days

Sample Number 169 .10-1	Kitchen Sink	Outlet Type S	Time: 8:45
Sample Number 169 .10-2	Kitchen Ice Machine	Outlet Type I M	Time 8:45
Sample Number 169 .10-3	Board Room	Outlet Type S	Time 8:50
Sample Number 169 .10-4	Board Room Lavatory	Outlet Type S	Time 8:51
Sample Number 169 .10-5	Room 105	Outlet Type S	Time 8:52
Sample Number 169 .10-6	Room 105 Lavatory	Outlet Type S	Time 8:53
Sample Number 169 .10-7	Room 106	Outlet Type S	Time 8:55
Sample Number 169 .10-8	Room 106 Lavatory	Outlet Type S	Time 8:55
Sample Number 169 .10-9	Girl's Lavatory Near Toilet	Outlet Type S	Time 9:00

Sample Number 169.10-10	Girl's Lavatory near Window	Outlet Type S	Time 9:00
Sample Number 169.10-11	Boy's Lavatory near Toilet	Outlet Type S	Time 9:05
Sample Number 169.10-12	Boy's Lavatory near Window	Outlet Type S	Time 9:05
Sample Number 169.10-13	Fountain Outside Lavatories	Outlet Type Bubbler	Time 9:10
Sample Number 169.10-14	Room 107	Outlet Type S	Time 9:10
Sample Number 169.10-15	Room 110	Outlet Type S	Time 9:12
Sample Number 169.10-16	Room 108	Outlet Type S	Time 9:13
Sample Number 169.10-17	Room 109	Outlet Type S	Time 9:14
Sample Number 169.10-18	Room 116	Outlet Type S	Time 9:20
Sample Number 169.10-19	Room 117	Outlet Type S	Time 9:25
Sample Number 169.10-20	Room 119	Outlet Type S	Time 9:25
Sample Number 169.10-21	Fountain Outside Room 126	Outlet Type D F A	Time 9:30
Sample Number 169.10-22	Boy's Locker Room	Outlet Type S	Time 9:30
Sample Number 169.10-23	Girl's Locker Room	Outlet Type S	Time 9:30
Sample Number 169.10-24	Room 125	Outlet Type S	Time 9:30
Sample Number 169.10-25	Room 125 Lavatory	Outlet Type S	Time 9:35
Sample Number 169.10-26	Room 126	Outlet Type S	Time 9:35
Sample Number 169.10-27	Room 127	Outlet Type S	Time 9:40
Sample Number 169.10-28	Lavatory near Room 127	Outlet Type S	Time 9:45
Sample Number 169.10-29	Women's Lavatory Door Side	Outlet Type S	Time 9:50
Sample Number 169.10-30	Women's Lavatory Window Side	Outlet Type	Time 9:50
Sample Number 169.10-31	Men's Lavatory close to door	Outlet Type S	Time 9:50
Sample Number 169.10-32	Men's Lavatory Center Right	Outlet Type S	Time 10:00
Sample Number 169.10-33	Men's Lavatory Center Left	Outlet Type S	Time 10:00
Sample Number 169.10-34	Men's Lavatory close to window	Outlet Type S	Time 10:00
Sample Number 169.10-35	Room 135	Outlet Type S	Time 10:00
Sample Number 169.10-36	Fountain near 136	Outlet Type D F A	Time 10:00
Sample Number 169.10-37	Room 137	Outlet Type S	Time 10:05
Sample Number 169.10-38	Room 140	Outlet Type S	Time 10:10
Sample Number 169.10-39	Room 139	Outlet Type S	Time 10:10
Sample Number 169.10-40	Room 131	Outlet Type S	Time 10:15
Sample Number 169.10-41	Girl's Lavatory	Outlet Type S	Time 10:16
Sample Number 169.10-42	Boy's Lavatory	Outlet Type S	Time 10:16
Sample Number 169.10-43	Principal's Office	Outlet Type S	Time 10:20

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

Sampled By: R. Stotz Stohl Environmental 10/24/2020

Relinquished By: Eric Henderson Jr. 10/26/2020

Received (Name, Laboratory): signature 10/29/20 at 5:49pm

Sample Login (Name, Laboratory): T. Bloom 11/17/2020 at 5:27pm

Analysis (Name, Laboratory): J. Hertzler 11/19/2020 at 6:22pm

Archived, Released: signature 11/20/2020 at 12pm