Water Sampling – Pleasant View Building Final Report

Stohl Environmental
3860 California Road Orchard Park, New York 14127
Phone: 716-312-0070 Fax: 716-312-8092
www.stohlenvironmental.com

June 3, 2021

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

Regarding: Follow-Up 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 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)".

Recap of Initial Sampling and Analysis: In Compliance with New York State regulations, initial first draw water sampling was completed on October 30, 2020 and a total of 9 samples were identified as containing lead concentrations above the New York State Action Level of 15 parts per billion.

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

- Following the receipt of initial sampling results, in accordance with guidance received from New York State, the District is reported to have prohibited use of the outlets analyzed as above the New York State Action Level of 15 parts per billion “(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 New York State regulations, as well as United States Environmental Protection Agency 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 6 outlets identified as above the action level in the initial investigation report dated November 30, 2020:

    - 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.

    - 9 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.

"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
Phone (716) 312-0070 Fax (716) 312-8092
www.stohlenvironmental.com

Conditions as of March 6, 2021

Summary Tabulation
Lead in Drinking Water Investigation

Lancaster Central School District
Pleasant View Building
File Number 2020L-169.11
Follow-Up Sampling as of 3/6/2021

1.1 Scope of Work and Sampling Protocol:
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, 2021 as having lead concentrations greater than the New York State action level of 15 parts per billion. 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 follow-up water samples from outlets which previously were analyzed as having lead concentrations above 15 parts per billion in the Pleasant View Building. 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:

❖ 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 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 10/30/2020 the Pleasant View Building had a total of 25 samples collected. The First draw samples had 14 samples at or below action level of 15 parts per billion and 9 samples above action level of 15 parts per billion.

The date of sample event on 3/6/2021 the Pleasant View Building had a total of 9 samples collected. 0 Follow-Up samples were analyzed at or below action level of 15 parts per billion and 9 samples above action level of 15 parts per billion.

There was a grand total of 34 samples taken from 10/30/2020 and 3/6/2021.

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:

10/30/2020	Sample 169.11-5	Main Men's Lavatory Right	Fixture	Sink	Laboratory Analysis parts per billion	17.4
3/6/2021	Sample 169.11-5	Main Men's Lavatory Right	Fixture	Sink	Laboratory Analysis parts per billion	32.7
10/30/2020	Sample 169.11-6	Main Women's Lavatory Left	Fixture	Sink	Laboratory Analysis parts per billion	47.0
3/6/2021	Sample 169.11-6	Main Women's lavatory Left	Fixture	Sink	Laboratory Analysis parts per billion	48.4
10/30/2020	Sample 169.11-7	Main Women's Lavatory Middle	Fixture	Sink	Laboratory Analysis parts per billion	25.7
3/6/2021	Sample 169.11-7	Main Women's Lavatory Middle	Fixture	Sink	Laboratory Analysis parts per billion	29.2
10/30/2020	Sample 169.11-8	Main Women's Lavatory Right	Fixture	Sink	Laboratory Analysis parts per billion	34.8
3/6/2021	Sample 169.11-8	Main Women's Lavatory Right	Fixture	Sink	Laboratory Analysis parts per billion	43.9
10/30/2020	Sample 169.11-10	Locker Room Middle	Fixture	Sink	Laboratory Analysis parts per billion	49.1
3/6/2021	Sample 169.11-10	Locker Room Middle	Fixture	Sink	Laboratory Analysis parts per billion	897
10/30/2020	Sample 169.11-11	Locker Room Back	Fixture	Sink	Laboratory Analysis parts per billion	16.5
3/6/2021	Sample 169.11-11	Locker Room Back	Fixture	Sink	Laboratory Analysis parts per billion	15.6
10/30/2020	Sample 169.11-13	Back Break Room Front	Fixture	Sink	Laboratory Analysis parts per billion	26.8
3/6/2021	Sample 169.11-13	Back Break Room Front	Fixture	Sink	Laboratory Analysis parts per billion	45.9
10/30/2020	Sample 169.11-15	Back Break Room Left Lavatory	Fixture	Sink	Laboratory Analysis parts per billion	31.2
3/6/2021	Sample 169.11-15	Back Break Room Left Lavatory	Fixture	Sink	Laboratory Analysis parts per billion	16.4
10/30/2020	Sample 169.11-16	Back Break Room Right Lavatory	Fixture	Sink	Laboratory Analysis parts per billion	28.5
3/6/2021	Sample 169.11-16	Back Break Room Right Lavatory	Fixture	Sink	Laboratory Analysis parts per billion	17.3

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 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 then 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: 21-03-0 2 2 4 3
Client: Stohl Environmental 3860 California Road Orchard Park, NY 14127
Received Date: 03/11/2021
Reported Date: 04/06/2021
Sampled By: Paul Nichols
Tech Certification Number:
Project Test Address: 2 0 2 0 L-169 .11; Lancaster Central School District; Pleasant View Building; 295 Pleasant View Dr.; Lancaster, NY 14086
Client Number: 33-5 9 8 0
Fax Number: 716-312-8092

Laboratory Results
Laboratory Sample Number: 21-03-0 2 2 4 3 -0 0 1
Client Sample Identification Number 169 .11-5
Collection date: 03/06/2021
Main Men's Lavatory Right
Micrograms per liter: 32.7
Analysis Date: 03/30/2021
Laboratory sample Number 21-03-0 2 2 1 3 -0 02
Client Sample Identification Number 169.11-6
Collection date: 03/06/2021
Main Women's lavatory Left
Micrograms per liter: 48.4
Analysis date: 03/30/2021
Laboratory Sample Number 21-03-0 2 2 43 -0 0 3
Client Sample Identification Number169.11-7
Collection date: 03/06/2021
Main Women's Lavatory Middle
Micrograms per liter: 29.2
Analysis Date: 03/30/2021
Laboratory sample Number: 21-03-0 2 2 4 3 -0 0 4
Client Sample Identification Number 169.11-8
Collection date: 03/06/2021
Main Women's lavatory Right
Micrograms per liter: 43.9
Analysis Date: 03/30/2021
Laboratory sample Number: 21-03-0 2 2 4 3 -0 0 5
Client Sample Identification Number 169.11-10
Collection date: 03/06/2021
Locker Room Middle

Micrograms per liter: 897
Analysis Date: 03/30/2021
Laboratory sample Number: 21-03-0 2 2 4 3 -0 0 6
Client Sample Identification Number 169.11-11
Collection date: 03/06/2021
Locker Room Back
Micrograms per liter: 15.6
Analysis Date: 03/30/2021
Laboratory sample Number: 21-03-0 2 2 4 3 -0 0 7
Client Sample Identification Number 169.11-13
Collection date: 03/06/2021
Back Break Room Front
Micrograms per liter 45.9
Analysis Date: 03/30/2021
Laboratory sample Number: 21-03-0 2 2 4 3 -0 0 8
Client Sample Identification Number 169.11-15
Collection date: 03/06/2021
Back Break Room Left Lavatory
Micrograms per liter: 16.4
Analysis Date: 03/30/2021
Laboratory sample Number: 21-03-0 2 2 4 3 -0 0 9
Client Sample Identification Number 169.11-16
Collection date: 03/06/2021
Back Break Room Right Lavatory
Micrograms per liter: 17.3
Analysis Date: 03/30/2021

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 Tasha Eaddy; 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.

1.5 Laboratory Certifications

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 .11
Lancaster Central School District
Contact: Michael Bryniarski
Pleasant View Building
295 Pleasant View Drive, Lancaster, New York 14086
Lead: Water by S M 19, 21-23 3 1 1 3 B (-04, -10)
Turnaround 20 days

Sample 169 .11-5	Main Men's Lavatory Right	Outlet Type: Sink	Time:	11:20
Sample 169 .11-6	Main Women's Lavatory Left	Outlet Type: Sink	Time:	11:21
Sample 169 .11-7	Main Women's Lavatory Middle	Outlet Type: Sink	Time:	11:22
Sample 169 .11-8	Main Women's Lavatory Right	Outlet Type: Sink	Time:	11:23
Sample 169 .11-10	Locker Room Middle	Outlet Type: Sink	Time:	11:24
Sample 169 .11-11	Locker Room Back	Outlet Type: Sink	Time:	11:25
Sample 169 .11-13	Back Break Room Front	Outlet Type: Sink	Time:	11:26
Sample 169 .11-15	Back Break Room Left Lavatory	Outlet Type: Sink	Time:	11:27
Sample 169 .11-16	Back Break Room Right Lavatory	Outlet Type: Sink	Time:	11:28

Due Date: 04/08/2021 -(Thursday)
Please e-mail lab results to labs@stohlenv.com If checked, also e-mail results to:
Ehenderson@StohlEnv.com
Sampled By: Paul Nichols Stohl Environmental 03/06/2021
Relinquished By: Eric Henderson Jr. 03/08/2021
Received (Name, Laboratory): K. Harris 03/11/21 at 10:45am
Sample Login (Name, Laboratory): Traci Bloom 03/15/2021 at 7:36am
Analysis (Name, Laboratory}: J. Hertzler 03/30/2021 at 12:39pm
Quality Assurance Quality Control Clerk (Name/Laboratory): T. Eaddy 04/05/2021 at 10:44am
Archived, Released: