Water Sampling – Pleasant View Building Final Report

Stohl Environmental
3860 California Road Orchard Park, New York 14127
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www.stohlenvironmental.com

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:
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)".

The Investigation and Sampling was performed on October 30, 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, 9 sources of potable water in the Pleasant View Building has been identified as having lead concentrations 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:

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Conditions as of October 30, 2020

Summary Tabulation Lead in Drinking Water Investigation

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:

Pleasant View Building – 295 Pleasant View Drive, 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 10/30/2020 the Pleasant View Building had a total of 25 samples collected. The First draw samples had 16 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 10/30/2020 the Pleasant View Building 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.

Listing of Outlets Requiring Remediation
Locations of Outlets Analyzed above the New York State Action Level of 15 parts per billion based upon Analysis of First Draw Samples:

Sample Number 169.11-5	Main Men's Lavatory Right	Fixture	Sink	Laboratory Analysis parts per billion	17.4
Sample Number 169.11-6	Main Women's Lavatory Left	Fixture	Sink	Laboratory Analysis parts per billion	47.0
Sample Number 169.11-7	Main Women's Lavatory Middle	Fixture	Sink	Laboratory Analysis parts per billion	25.7
Sample Number 169.11-8	Main Women's Lavatory Right	Fixture	Sink	Laboratory Analysis parts per billion	34.8
Sample Number 169.11-10	Locker Room Middle	Fixture	Sink	Laboratory Analysis parts per billion	49.1
Sample Number 169.11-11	Locker Room Back	Fixture	Sink	Laboratory Analysis parts per billion	16.5
Sample Number 169.11-13	Back Break Room Front	Fixture	Sink	Laboratory Analysis parts per billion	26.8
Sample Number 169.11-15	Back Break Room Left Lavatory	Fixture	Sink	Laboratory Analysis parts per billion	31.2
Sample Number 169.11-16	Back Break Room Right Lavatory	Fixture	Sink	Laboratory Analysis parts per billion	28.5

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: 20 - 11 - 0 0 7 0 2
Client: Stohl Environmental 3860 California Road Orchard Park, NY 14127
Received Date: 11/04/2020
Reported Date: 12/1/2020
Sampled By: Paul Nichols
Tech Certification Number:
Project Test Address: 2 0 2 0 L-169 .11; 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: 20-11-0 0 7 0 2 - 0 0 1
Client Sample Identification Number 169 .11-1
Collection date: 10/30/2020
Front Break Room
Micrograms per liter: 2.92
Analysis Date: 11/30/2020
Laboratory sample Number 20-11- 0 0 6 9 9 - 0 0 2
Client Sample Identification Number 169.11-2
Collection date: 10/30/2020
Front Break Room
Micrograms per liter: 3.60
Analysis date: 11/30/2020
Laboratory Sample Number 20-11-0 0 7 0 2 – 0 0 3
Client Sample Identification Number169.11-3
Collection date: 10/30/2020
Front Break Room
Micrograms per liter: 2.38
Analysis Date: 11/30/2020
Laboratory sample Number: 20-11-0 0 7 0 2 - 0 0 4
Client Sample Identification Number 169.11-4
Collection date: 10/30/2020
Main Mens
Micrograms per liter: 11.4
Analysis Date: 11/30/2020
Laboratory sample Number: 20-11-0 0 7 0 2 - 0 0 5
Client Sample Identification Number 169.11-5
Collection date: 10/30/2020
Main Mens
Micrograms per liter: 17.4
Analysis Date: 11/30/2020
Laboratory sample Number: 20-11-0 0 7 0 2 - 0 0 6
Client Sample Identification Number 169.11-6
Collection date: 10/30/2020
Main Womens
Micrograms per liter: 47.0
Analysis Date: 11/30/2020

Laboratory sample Number: 20-11-0 0 7 0 2 - 0 0 7
Client Sample Identification Number 169.11-7
Collection date: 10/30/2020
Main Womens
Micrograms per liter25.7
Analysis Date: 11/30/2020
Laboratory sample Number: 20-11-0 0 7 0 2 - 0 0 8
Client Sample Identification Number 169.11-8
Collection date: 10/30/2020
Main Womens
Micrograms per liter: 34.8
Analysis Date: 11/30/2020
Laboratory sample Number: 20-11-0 0 7 0 2 - 0 0 9
Client Sample Identification Number 169.11-9
Collection date: 10/30/2020
Locker Room
Micrograms per liter: 5.92
Analysis Date: 11/30/2020
Laboratory sample Number: 20-11-0 0 7 0 2 - 0 1 0
Client Sample Identification Number 169.11-10
Collection date: 10/30/2020
Locker Room
Micrograms per liter: 49.1
Analysis Date: 11/30/2020
Laboratory sample Number: 20-11-0 0 7 0 2 - 0 1 1
Client Sample Identification Number 169.11-11
Collection date: 10/30/2020
Locker Room
Micrograms per liter: 16.5
Analysis Date: 11/30/2020
Laboratory sample Number: 20-11-0 0 7 0 2 - 0 1 2
Client Sample Identification Number 169.11-12
Collection date: 10/30/2020
Locker Room
Micrograms per liter: less than 1.00
Analysis Date: 11/30/2020
Laboratory sample Number: 20-11-0 0 7 0 2 - 0 1 3
Client Sample Identification Number 169.11-13
Collection date: 10/30/2020
Back Break Room
Micrograms per liter: 26.8
Analysis Date: 11/30/2020
Laboratory sample Number: 20-11-0 0 7 0 2 - 0 1 4
Client Sample Identification Number 169.11-14
Collection date: 10/30/2020
Back Break Room
Micrograms per liter: 13.1
Analysis Date: 11/30/2020

Laboratory sample Number: 20-11-0 0 7 0 2 - 0 1 5
Client Sample Identification Number 169.11-15
Collection date: 10/30/2020
Back Break Room
Micrograms per liter: 31.2
Analysis Date: 11/30/2020
Laboratory sample Number: 20-11-0 0 7 0 2 - 0 1 6
Client Sample Identification Number 169.11-16
Collection date: 10/30/2020
Back Break Room
Micrograms per liter: 28.5
Analysis Date: 11/30/2020
Laboratory sample Number: 20-11-0 0 7 0 2 - 0 1 7
Client Sample Identification Number 169.11-17
Collection date: 10/30/2020
Stadium Lavatory Womens
Micrograms per liter: less than 1.00
Analysis Date: 11/30/2020
Laboratory sample Number: 20-11-0 0 7 0 2 - 0 1 8
Client Sample Identification Number 169.11-18
Collection date: 10/30/2020
Stadium Lavatory Womens
Micrograms per liter: 1.13
Analysis Date: 11/30/2020
Laboratory sample Number: 20-11-0 0 7 0 2 - 0 1 9
Client Sample Identification Number 169.11-19
Collection date: 10/30/2020
Stadium Lavatory Womens
Micrograms per liter: less than 1.00
Analysis Date: 11/30/2020
Laboratory sample Number: 20-11-0 0 7 0 2 - 0 2 0
Client Sample Identification Number 169.11-20
Collection date: 10/30/2020
Stadium Lavatory Womens
Micrograms per liter: 1.27
Analysis Date: 11/30/2020
Laboratory sample Number: 20-11-0 0 7 0 2 - 0 2 1
Client Sample Identification Number 169.11-21
Collection date: 10/30/2020
Stadium Lavatory Mens
Micrograms per liter: less than 1.00
Analysis Date: 11/30/2020
Laboratory sample Number: 20-11-0 0 7 0 2 - 0 2 2
Client Sample Identification Number 169.11-22
Collection date: 10/30/2020
Stadium Lavatory Mens
Micrograms per liter: less than 1.00
Analysis Date: 11/30/2020

Laboratory sample Number: 20-11-0 0 7 0 2 - 0 2 3
Client Sample Identification Number 169.11-23
Collection date: 10/30/2020
Stadium Lavatory Mens
Micrograms per liter: less than 1.00
Analysis Date: 11/30/2020
Laboratory sample Number: 20-11-0 0 7 0 2 - 0 2 4
Client Sample Identification Number 169.11-24
Collection date: 10/30/2020
Stadium Lavatory Mens
Micrograms per liter: less than 1.00
Analysis Date: 11/30/2020
Laboratory sample Number: 20-11-0 0 7 0 2 - 0 2 5
Client Sample Identification Number 169.11-25
Collection date: 10/30/2020
Outside Lavatory
Micrograms per liter: less than 1.00
Analysis Date: 11/30/2020

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.

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
Properly 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 .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 Number 169 .11-1	Front Break Room	Outlet Type: S	Time:	4:45
Sample Number 169 .11-2	Front Break Room	Outlet Type S	Time	4:46
Sample Number 169 .11-3	Front Break Room	Outlet Type D F	Time	4:47
Sample Number 169 .11-4	Main Mens	Outlet Type S	Time	4:48
Sample Number 169 .11-5	Main Mens	Outlet Type S	Time	4:49
Sample Number 169 .11-6	Main Womens	Outlet Type S	Time	4:50
Sample Number 169 .11.7	Main Womens	Outlet Type S	Time	4:51
Sample Number 169 .11-8	Main Womens	Outlet Type S	Time	4:52
Sample Number 169 .11-9	Locker Room	Outlet Type S	Time	4:53

Sample Number 169 .11-10	Locker Room	Outlet Type S	Time	4:54
Sample Number 169 .11.11	Locker Room	Outlet Type S	Time	4:55
Sample Number 169 .11-12	Locker Room	Outlet Type I M	Time	4:56
Sample Number 169 .11-13	Back Break Room	Outlet Type S	Time	4:57
Sample Number 169 .11-14	Back Break Room	Outlet Type D F	Time	4:58
Sample Number 169 .11-15	Back Break Room	Outlet Type S	Time	4:59
Sample Number 169 .11-16	Back Break Room	Outlet Type S	Time	5:00
Sample Number 169 .11-17	Stadium Lavatory Womens	Outlet Type S	Time	5:01
Sample Number 169 .11-18	Stadium Lavatory Womens	Outlet Type S	Time	5:02
Sample Number 169 .11-19	Stadium Lavatory Womens	Outlet Type S	Time	5:03
Sample Number 169 .11-20	Stadium Lavatory Womens	Outlet Type S	Time	5:04
Sample Number 169 .11-21	Stadium Lavatory Mens	Outlet Type S	Time	5:05
Sample Number 169 .11-22	Stadium lavatory Mens	Outlet Type S	Time	5:06
Sample Number 169 .11-23	Stadium Lavatory Mens	Outlet Type S	Time	5:07
Sample Number 169 .11-24	Stadium Lavatory Mens	Outlet Type S	Time	5:08
Sample Number 169 .11-25	Outside Lavatory	Outlet Type S	Time	5:09

Due Date: 12/02/2020 -(Wednesday)
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 10/30/2020
Relinquished By: Eric Henderson Jr. 11/2/2020
Received (Name, Laboratory): K. Harris 11/4/20 at 1:55pm
Sample Login (Name, Laboratory): T. Bloom 11/19/2020 at 2:54pm
Analysis (Name, Laboratory}: J. Hertzler 11/30/2020 at 1:15pm
Archived, Released: signature 12/1/2020 at 1:44pm