

November 30, 2020

Mr. Gerhard Leuer
Director of Facilities
Medina Central School District
1 Mustang Drive
Medina, NY 14103

RE: Investigation and Sampling of Drinking Water for Lead Concentrations

Dear Mr. Leuer:

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

- Medina High School – 2 Mustang Drive, Medina, 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 October 14, 2020. 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, 0 sources of potable water in Medina High School 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 Medina 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:

Medina Central School District

Prepared by:



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

Conditions as of October 14, 2020

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
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1.1 Scope of Work and Sampling Protocol:

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

- Medina High School – 2 Mustang Drive, Medina, New York.

Scope of Work:

Stohl Environmental was charged with collecting first-draw water samples from outlets within Medina 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:

- **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
Medina High School	10/14/2020	66	66	0	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.

1.3 Response Actions Required Under NYS Regulations, Section 67-4.4:

All of the locations sampled were analyzed at less than the NYS Action Level of 15 ppb, therefore no further response action is required.

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: 20-10-04799

Received Date: 10/22/2020
Reported Date: 11/10/2020
Sampled By: Paul Nichols
Tech Certification #:

Project/Test Address: 2020L.155.1; Medina High School; 2 Mustang Dr; Medina, NY 14103

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
20-10-04799-001	155.1-1	10/14/2020	KITCHEN BR	<1.00	11/06/2020	
20-10-04799-002	155.1-2	10/14/2020	SPRAYER	<1.00	11/06/2020	
20-10-04799-003	155.1-3	10/14/2020	SPRAYER	<1.00	11/06/2020	
20-10-04799-004	155.1-4	10/14/2020	LEFT DOUBLE SINK	2.16	11/06/2020	
20-10-04799-005	155.1-5	10/14/2020	RIGHT DOUBLE SINK	1.88	11/06/2020	
20-10-04799-006	155.1-6	10/14/2020	KITCHEN SINK	<1.00	11/06/2020	
20-10-04799-007	155.1-7	10/14/2020	HANDWASH SINK	<1.00	11/06/2020	
20-10-04799-008	155.1-8B	10/14/2020	DF NEAR AUDITORIUM	<1.00	11/06/2020	
20-10-04799-009	155.1-9	10/14/2020	LIVESTOCK ROOM	2.43	11/06/2020	
20-10-04799-010	155.1-10	10/14/2020	BAND ROOM	1.25	11/06/2020	
20-10-04799-011	155.1-11	10/14/2020	SHOP ROOM 108N	2.24	11/06/2020	
20-10-04799-012	155.1-12	10/14/2020	SHOP ROOM 106	9.26	11/06/2020	
20-10-04799-013	155.1-13	10/14/2020	NURSES OFFICE	1.79	11/06/2020	

Environmental Hazards Services, L.L.C

Client Number: 33-5980

Report Number: 20-10-04799

Project/Test Address: 2020L.155.1; Medina High School; 2 Mustang Dr;
Medina, NY 14103

Lab Sample Number	Client Sample ID	Collection Date	Collection Location	Concentration ug/L (ppb)	Analysis Date	Narrative ID
20-10-04799-014	155.1-14	10/14/2020	NURSES OFFICE	<1.00	11/06/2020	
20-10-04799-015	155.1-15B	10/14/2020	DF NEAR VESTIBLULE	<1.00	11/06/2020	
20-10-04799-016	155.1-16	10/14/2020	BOYS BATHROOM	<1.00	11/06/2020	
20-10-04799-017	155.1-17	10/14/2020	BOYS BATHROOM	1.45	11/06/2020	
20-10-04799-018	155.1-18	10/14/2020	BOYS BATHROOM	1.05	11/06/2020	
20-10-04799-019	155.1-19	10/14/2020	BOYS BATHROOM	<1.00	11/06/2020	
20-10-04799-020	155.1-20	10/14/2020	GIRLS BATHROOM	1.31	11/06/2020	
20-10-04799-021	155.1-21	10/14/2020	GIRLS BATHROOM	<1.00	11/06/2020	
20-10-04799-022	155.1-22	10/14/2020	GIRLS BATHROOM	1.16	11/06/2020	
20-10-04799-023	155.1-23	10/14/2020	GIRLS BATHROOM	<1.00	11/06/2020	
20-10-04799-024	155.1-24	10/14/2020	VESTIBULE ICE MACHINE	8.75	11/06/2020	
20-10-04799-025	155.1-25	10/14/2020	MAIN OFFICE BATHROOM	2.26	11/06/2020	
20-10-04799-026	155.1-26	10/14/2020	MAIN OFFICE BATHROOM	<1.00	11/06/2020	
20-10-04799-027	155.1-27	10/14/2020	MAIN OFFICE KITCHEN	<1.00	11/06/2020	
20-10-04799-028	155.1-28	10/14/2020	STORAGE ROOM	2.30	11/06/2020	
20-10-04799-029	155.1-29	10/14/2020	GYM	<1.00	11/06/2020	
20-10-04799-030	155.1-30	10/14/2020	GYM	<1.00	11/06/2020	
20-10-04799-031	155.1-31	10/14/2020	COACHES OFFICE	2.01	11/06/2020	
20-10-04799-032	155.1-32	10/14/2020	LOCKER ROOM DF	<1.00	11/06/2020	
20-10-04799-033	155.1-33	10/14/2020	LOCKER ROOM	1.13	11/06/2020	

Environmental Hazards Services, L.L.C

Client Number: 33-5980

Report Number: 20-10-04799

Project/Test Address: 2020L.155.1; Medina High School; 2 Mustang Dr;
Medina, NY 14103

Lab Sample Number	Client Sample ID	Collection Date	Collection Location	Concentration ug/L (ppb)	Analysis Date	Narrative ID
20-10-04799-034	155.1-34	10/14/2020	LOCKER ROOM	1.34	11/06/2020	
20-10-04799-035	155.1-35	10/14/2020	LOCKER ROOM	1.10	11/06/2020	
20-10-04799-036	155.1-36	10/14/2020	TEAM LOCKER ROOM DF	<1.00	11/06/2020	
20-10-04799-037	155.1-37	10/14/2020	TEAM LOCKER ROOM	<1.00	11/06/2020	
20-10-04799-038	155.1-38	10/14/2020	WEIGHT ROOM	<1.00	11/06/2020	
20-10-04799-039	155.1-39	10/14/2020	COACHES OFFICE	1.74	11/06/2020	
20-10-04799-040	155.1-40	10/14/2020	GIRLS LOCKER ROOM	<1.00	11/06/2020	
20-10-04799-041	155.1-41	10/14/2020	GIRLS LOCKER ROOM	<1.00	11/06/2020	
20-10-04799-042	155.1-42	10/14/2020	GIRLS LOCKER ROOM	<1.00	11/06/2020	
20-10-04799-043	155.1-43A	10/14/2020	GIRLS LOCKER ROOM DF	<1.00	11/06/2020	
20-10-04799-044	155.1-44	10/14/2020	SPARE LOCKER ROOM	1.96	11/06/2020	
20-10-04799-045	155.1-45	10/14/2020	LIFE CARE ROOM	<1.00	11/06/2020	
20-10-04799-046	155.1-46	10/14/2020	HOME EC	1.58	11/06/2020	
20-10-04799-047	155.1-47	10/14/2020	HOME EC	<1.00	11/06/2020	
20-10-04799-048	155.1-48	10/14/2020	HOME EC	2.25	11/06/2020	
20-10-04799-049	155.1-49	10/14/2020	HOME EC	<1.00	11/06/2020	
20-10-04799-050	155.1-50	10/14/2020	FACULTY DINING BATHROOM	<1.00	11/06/2020	
20-10-04799-051	155.1-51	10/14/2020	FACULTY DINING BATHROOM	6.70	11/06/2020	
20-10-04799-052	155.1-52	10/14/2020	LIBRARY	1.86	11/06/2020	
20-10-04799-053	155.1-53B	10/14/2020	DF NEAR ART ROOM	<1.00	11/06/2020	

Environmental Hazards Services, L.L.C

Client Number: 33-5980

Report Number: 20-10-04799

Project/Test Address: 2020L.155.1; Medina High School; 2 Mustang Dr;
Medina, NY 14103

Lab Sample Number	Client Sample ID	Collection Date	Collection Location	Concentration ug/L (ppb)	Analysis Date	Narrative ID
20-10-04799-054	155.1-54	10/14/2020	BOYS BATHROOM	<1.00	11/06/2020	
20-10-04799-055	155.1-55	10/14/2020	BOYS BATHROOM	1.09	11/06/2020	
20-10-04799-056	155.1-56	10/14/2020	BOYS BATHROOM	1.27	11/06/2020	
20-10-04799-057	155.1-57	10/14/2020	BOYS BATHROOM	<1.00	11/06/2020	
20-10-04799-058	155.1-58B	10/14/2020	DFB NEAR BATHROOMS	<1.00	11/06/2020	
20-10-04799-059	155.1-59	10/14/2020	GIRLS BATHROOM	<1.00	11/06/2020	
20-10-04799-060	155.1-60	10/14/2020	GIRLS BATHROOM	1.68	11/06/2020	
20-10-04799-061	155.1-61	10/14/2020	GIRLS BATHROOM	2.81	11/06/2020	
20-10-04799-062	155.1-62	10/14/2020	GIRLS BATHROOM	<1.00	11/06/2020	
20-10-04799-063	155.1-63	10/14/2020	MENS BATHROOM	<1.00	11/06/2020	
20-10-04799-064	155.1-64	10/14/2020	WOMENS BATHROOM	<1.00	11/06/2020	
20-10-04799-065	155.1-65	10/14/2020	FACULTY ROOM	<1.00	11/06/2020	
20-10-04799-066	155.1-66B	10/14/2020	DFB NEAR LABS	<1.00	11/06/2020	

Method: SM 3113B-2010

Analyst: Jennalee Hertzler

Accreditation #: NY 11714

Reviewed By Authorized Signatory:



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, 2021
Issued April 01, 2020

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 (2003) for the category
ENVIRONMENTAL ANALYSES POTABLE WATER
All approved analytes are listed below:*

Metals I

Copper, Total	SM 19, 21-23 3113B (-04,-10)
Lead, Total	SM 19, 21-23 3113B (-04,-10)



Department
of Health

Serial No.: 61514

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-155.1

Client: Medina CSD

Contact: Gerhard Leur

Building: Medina High School

Location: 2 Mustang Dr. Medina, NY 14103

LEAD

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

Turnaround

20 Days

Sample #	Location	Outlet Type	Time	Cooler Model	Lab ID	Results
155.1-1	Kitchen BR	Sink	3:30			
155.1-2	Sprayer	Sink	3:31			
155.1-3	Sprayer	Sink	3:32			
155.1-4	Left Double Sink	Sink	3:33			
155.1-5	Right Double Sink	Sink	3:34			
155.1-6	Kitchen Sink	Sink	3:35			
155.1-7	Handwash Sink	Sink	3:36			
155.1-8B	DF Near Auditorium	DFB	3:37			
155.1-9	Livestock Room	Sink	3:38			
155.1-10	Band Room	Sink	3:39			
155.1-11	Shop Room 108N	Sink	3:40			
155.1-12	Shop Room 106	Sink	3:41			
155.1-13	Nurses Office	Sink	3:42			
155.1-14	Nurses Office	Sink	3:43			
155.1-15B	DF Near Vestibule	DFB	3:44			
155.1-16	Boys Bathroom	Sink	3:45			
155.1-17	Boys Bathroom	Sink	3:46			
155.1-18	Boys Bathroom	Sink	3:47			

20-10-04799



Due Date:
11/19/2020
(Thursday)
AE

Notes:

Please e-mail lab results to labs@stohlenv.com

☒ If checked, also e-mail results to:

Ehenderson@StohlEnv.com

Sampled By: Paul Nichols Print Name Stohl Env: Paul Nichols Date: 10/14/2020

Relinquished By: Eric Henderson Jr. Print Name Stohl Env: Eric Henderson Jr. Date: 10/16/2020

Received (Name / Lab): KT HARRIS K. Davis Date: 10/22/20 Time: 10:55 AM

Sample Login (Name / Lab): OK Davis Date: 11-4-20 Time: 10:22 AM

Analysis (Name / Lab): J. Kertzyler Date: 11/6/20 Time: 3:16 pm

QA/QC Review (Name / Lab): Medina Date: 11/10/20 Time: 12:30

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



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

Chain of Custody Document

Submitted to: (Lab Name) EHS

STOHL Job # 2020L-155.1

Client: Medina CSD

Contact: Gerhard Leur

Building: Medina High School

Location: 2 Mustang Dr. Medina, NY 14103

LEAD

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

Turnaround

20 Days

Sample #	Location	Outlet Type	Time	Cooler Model	Lab ID	Results
155.1-19	Boys Bathroom	Sink	3:48			
155.1-20	Girls Bathroom	Sink	3:49			
155.1-21	Girls Bathroom	Sink	3:50			
155.1-22	Girls Bathroom	Sink	3:51			
155.1-23	Girls Bathroom	Sink	3:52			
155.1-24	Vestibule Ice Machine	IM	3:53			
155.1-25	Main Office Bathroom	Sink	3:54			
155.1-26	Main Office Bathroom	Sink	3:55			
155.1-27	Main Office Kitchen	Sink	3:56			
155.1-28	Storage Room	Sink	3:57			
155.1-29	Gym	DF	3:58			
155.1-30	Gym	DF	3:59			
155.1-31	Coaches Office	Sink	4:00			
155.1-32	Locker Room DF	DF	4:01			
155.1-33	Locker Room	Sink	4:02			
155.1-34	Locker Room	Sink	4:03			
155.1-35	Locker Room	Sink	4:04			
155.1-36	Team Locker Room DF	DF	4:05			

Notes:

Please e-mail lab results to labs@stohlenv.com

Sampled By: Paul Nichols Print Name Stohl Env: Paul Nichols Date: 10/14/2020

Relinquished By: E. Henderson Jr. Print Name Stohl Env: Eric Henderson Jr. Date: 10/16/2020

Received (Name / Lab): K. Harris Date: 10/22/20 Time: 10:55 AM

Sample Login (Name / Lab): R. V. Lauer Date: 11.4.20 Time: 10:22 AM

Analysis (Name / Lab): G. Hertigler Date: 11/6/20 Time: 3:16 pm

QA/QC Review (Name / Lab): M. Smith Date: 11/19/20 Time: 12:24

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



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

Chain of Custody Document

Submitted to: (Lab Name) EHS

STOHL Job # 2020L-155.1

Client: Medina CSD

Contact: Gerhard Leur

Building: Medina High School

Location: 2 Mustang Dr. Medina, NY 14103

LEAD

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

Turnaround

20 Days

Sample #	Location	Outlet Type	Time	Cooler Model	Lab ID	Results
155.1-37	Team Locker Room	Sink	4:06			
155.1-38	Weight Room	DF	4:07			
155.1-39	Coaches Office	Sink	4:08			
155.1-40	Girls Locker Room	Sink	4:09			
155.1-41	Girls Locker Room	Sink	4:10			
155.1-42	Girls Locker Room	Sink	4:11			
155.1-43A	Girls Locker Room DF	DFA	4:12			
155.1-44	Spare Locker Room	Sink	4:13			
155.1-45	Life Care Room	Sink	4:14			
155.1-46	Home Ec	Sink	4:15			
155.1-47	Home Ec	Sink	4:16			
155.1-48	Home Ec	Sink	4:17			
155.1-49	Home Ec	Sink	4:18			
155.1-50	Faculty Dining Bathroom	Sink	4:19			
155.1-51	Faculty Dining Bathroom	Sink	4:20			
155.1-52	Library	Sink	4:21			
155.1-53B	DF Near Art Room	DFB	4:22			
155.1-54	Boys Bathroom	Sink	4:23			

Notes:

Please e-mail lab results to labs@stohlenv.com

Sampled By: Paul Nichols Print Name Stohl Env: Paul Nichols Date: 10/14/2020

Relinquished By: E. Henderson Jr. Print Name Stohl Env: Eric Henderson Jr. Date: 10/16/2020

Received (Name / Lab): K. Harris Date: 10/22/20 Time: 10:55 am

Sample Login (Name / Lab): K. Harris Date: 11.4.20 Time: 10:22 AM

Analysis (Name / Lab): J. Hertzler Date: 11/6/20 Time: 3:16 pm

QA/QC Review (Name / Lab): M. Hertzler Date: 11/10/20 Time: 12:24

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



Submitted to: (Lab Name) EHS

STOHL Job # 2020L-155.1

Client: Medina CSD

Contact: Gerhard Leur

Building: Medina High School

Location: 2 Mustang Dr. Medina, NY 14103

LEAD

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

20 Days

[illegible]

Notes:

Please e-mail lab results to labs@stohlen.com

Sampled By: Paul Nichols Print Name Stohl Env: Paul Nichols Date: 10/14/2020

Relinquished By: E. Henderson Jr. Print Name Stohl Env: Eric Henderson Jr. Date: 10/16/2020

Received (Name / Lab): KIMBERLY J. DILLON Date: 10/22/20 Time: 10:55 pm

Sample Login (Name / Lab): K. Haines Date: 11-4-20 Time: 10:22 Am

Analysis (Name / Lab): A. Hertles Date: 4/10/20 Time: 3:11pm

QA/QC Review (Name / Lab): _____ Date: _____ Time: _____

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

BLANK



3860 California Road, Orchard Park, New York 14127

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

WWW.STOHLENVIRONMENTAL.COM