

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](http://WWW.STOHLENVIRONMENTAL.COM)**

**Conditions as of October 14, 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 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

Report Number: 20-10-04799

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

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

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

Report Number: 20-10-04799

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:

*Melissa Kanode*

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



1.6 Chains of Custody











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The logo for Stohl Environmental features the word "Stohl" in a large, bold, green sans-serif font. A white swoosh underline is positioned beneath the "S" and "t". Below "Stohl", the word "ENVIRONMENTAL" is written in a smaller, grey, all-caps sans-serif font.

**Stohl**  
ENVIRONMENTAL

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**3860 California Road, Orchard Park, New York 14127**

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