

November 30, 2020

Steve Olson  
Clerk of the Works  
Southwestern Central School District  
600 Hunt Road  
Jamestown, New York 14701

**RE: Investigation and Sampling of Drinking Water for Lead Concentrations**

Dear Mr. Olson:

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

- Southwestern Elementary School – 600 County Touring Route 32, Jamestown, 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 23, 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, 9 sources of potable water in the Elementary 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 Southwestern Central School District.

Sincerely,  
Stohl Environmental, LLC.



Eric Henderson Jr.  
Senior Project Manager

## 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
- 1.4. Laboratory Analytical Reports by Building
- 1.5. Laboratory Certifications
- 1.6. Chains of Custody

## 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
Southwestern Elementary School	10/23/2020	119	110	9	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.

### Listing of Outlets Requiring Remediation

#### Locations of Outlets Analyzed above the NYS Action Level of 15 parts per billion based upon Analysis of First Draw Samples:

Sample #	Classroom or other Location	Fixture/Outlet type	Laboratory Analysis in ppb
132.3-17	Room 122	Sink	22.2
132.3-34	160 Bathroom	Sink	62.3
132.3-84	Main Office Bathroom	Sink	15.5
132.3-96	Room 312	Sink	72.0
132.3-102	Kitchen Dish Wand	Sink	30.4
132.3-109	Boys Locker Room 1	Sink	15.3
132.3-110	Boys Locker Room 2	Sink	28.6
132.3-113	Girls Locker Room 1	Sink	46.5
132.3-114	Girls Locker Room 2	Sink	29.0

#### 1.4 Laboratory Analytical Reports by Building



# Environmental Hazards Services, L.L.C

Client Number: 33-5980

Report Number: 20-11-00228

Project/Test Address: 2020L-132.3; Southwestern Elementary School; 600  
County Touring Rte 32 #1; Jamestown, NY

Lab Sample Number	Client Sample ID	Collection Date	Collection Location	Concentration ug/L (ppb)	Analysis Date	Narrative ID
20-11-00228-013	132.3-13	10/23/2020	ROOM 118	1.34	11/24/2020	
20-11-00228-014	132.3-14	10/23/2020	ROOM 119	1.43	11/24/2020	
20-11-00228-015	132.3-15	10/23/2020	ROOM 120	1.33	11/24/2020	
20-11-00228-016	132.3-16	10/23/2020	ROOM 121	1.48	11/24/2020	
20-11-00228-017	132.3-17	10/23/2020	ROOM 122	22.2	11/24/2020	
20-11-00228-018	132.3-18	10/23/2020	BATHROOM BY LIFT CHAIR	3.45	11/24/2020	
20-11-00228-019	132.3-19	10/23/2020	LIBRARY OFFICE	2.65	11/24/2020	
20-11-00228-020	132.3-20	10/23/2020	ROOM 140	2.44	11/24/2020	
20-11-00228-021	132.3-21	10/23/2020	ROOM 141	4.77	11/24/2020	
20-11-00228-022	132.3-22	10/23/2020	ROOM 142	1.23	11/24/2020	
20-11-00228-023	132.3-23	10/23/2020	ROOM 143	1.32	11/24/2020	
20-11-00228-024	132.3-24	10/23/2020	ROOM 144	2.19	11/24/2020	
20-11-00228-025	132.3-25	10/23/2020	ROOM 146	2.91	11/24/2020	
20-11-00228-026	132.3-26	10/23/2020	ROOM 147	1.64	11/24/2020	
20-11-00228-027	132.3-27	10/23/2020	ROOM 148	1.53	11/24/2020	
20-11-00228-028	132.3-28	10/23/2020	ROOM 149	4.54	11/24/2020	
20-11-00228-029	132.3-29	10/23/2020	ROOM 150	1.59	11/24/2020	
20-11-00228-030	132.3-30	10/23/2020	ROOM 151	<1.00	11/24/2020	
20-11-00228-031	132.3-31	10/23/2020	ROOM 153	1.76	11/24/2020	
20-11-00228-032	132.3-32	10/23/2020	ROOM 154	1.66	11/24/2020	

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County Touring Rte 32 #1; Jamestown, NY

Lab Sample Number	Client Sample ID	Collection Date	Collection Location	Concentration ug/L (ppb)	Analysis Date	Narrative ID
20-11-00228-053	132.3-53	10/23/2020	ROOM 241	3.59	11/24/2020	
20-11-00228-054	132.3-54	10/23/2020	ROOM 242	2.30	11/24/2020	
20-11-00228-055	132.3-55	10/23/2020	ROOM 243	3.52	11/24/2020	
20-11-00228-056	132.3-56	10/23/2020	ROOM 244	3.02	11/24/2020	
20-11-00228-057	132.3-57	10/23/2020	ROOM 245	2.56	11/24/2020	
20-11-00228-058	132.3-58	10/23/2020	ROOM 220 BATH	7.25	11/24/2020	
20-11-00228-059	132.3-59	10/23/2020	ROOM 221 BATH	2.24	11/24/2020	
20-11-00228-060	132.3-60	10/23/2020	UPPER LIB OFFICE	3.10	11/24/2020	
20-11-00228-061	132.3-61	10/23/2020	281 ADULT BATH	2.04	11/24/2020	
20-11-00228-062	132.3-62	10/23/2020	282 ADULT BATH	3.06	11/24/2020	
20-11-00228-063	132.3-63	10/23/2020	ROOM 260	3.23	11/24/2020	
20-11-00228-064	132.3-64	10/23/2020	ROOM 261	1.85	11/24/2020	
20-11-00228-065	132.3-65	10/23/2020	ROOM 263	3.55	11/24/2020	
20-11-00228-066	132.3-66	10/23/2020	ROOM 264 LEFT	3.31	11/24/2020	
20-11-00228-067	132.3-67	10/23/2020	ROOM 264 RIGHT	5.12	11/24/2020	
20-11-00228-068	132.3-68	10/23/2020	ROOM 266	2.82	11/24/2020	
20-11-00228-069	132.3-69	10/23/2020	ROOM 267	2.46	11/24/2020	
20-11-00228-070	132.3-70	10/23/2020	ROOM 268	8.10	11/24/2020	
20-11-00228-071	132.3-71	10/23/2020	ROOM 269	4.50	11/24/2020	
20-11-00228-072	132.3-72	10/23/2020	ROOM 270	3.04	11/24/2020	

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Lab Sample Number	Client Sample ID	Collection Date	Collection Location	Concentration ug/L (ppb)	Analysis Date	Narrative ID
20-11-00228-093	132.3-93	10/23/2020	ROOM 305	1.90	11/24/2020	
20-11-00228-094	132.3-94	10/23/2020	ROOM 307	13.4	11/24/2020	
20-11-00228-095	132.3-95	10/23/2020	ROOM 309	3.66	11/24/2020	
20-11-00228-096	132.3-96	10/23/2020	ROOM 312	72.0	11/24/2020	
20-11-00228-097	132.3-97	10/23/2020	CAFE SINK	3.57	11/24/2020	
20-11-00228-098	132.3-98	10/23/2020	KITCHEN PREP ACROSS KETTLE	<1.00	11/24/2020	
20-11-00228-099	132.3-99	10/23/2020	KITCHEN FOOD WASH STATION	1.18	11/24/2020	
20-11-00228-100	132.3-100	10/23/2020	KITCHEN TRIPLE SINK	7.77	11/24/2020	
20-11-00228-101	132.3-101	10/23/2020	KITCHEN KETTLE FILL	5.79	11/24/2020	
20-11-00228-102	132.3-102	10/23/2020	KITCHEN DISH WAND	30.4	11/18/2020	
20-11-00228-103	132.3-103	10/23/2020	KIT DISHROOM HAND WASH	6.26	11/24/2020	
20-11-00228-104	132.3-104	10/23/2020	BOTTLE FILL NEAR 333	<1.00	11/24/2020	
20-11-00228-105	132.3-105	10/23/2020	GIRLS BATH 333 LEFT	5.92	11/24/2020	
20-11-00228-106	132.3-106	10/23/2020	GIRLS BATH 333 RIGHT	6.26	11/24/2020	
20-11-00228-107	132.3-107	10/23/2020	BOYS BATH 335 LEFT	11.5	11/24/2020	
20-11-00228-108	132.3-108	10/23/2020	BOYS BATH 335 RIGHT	4.71	11/24/2020	
20-11-00228-109	132.3-109	10/23/2020	BOYS LOCKER ROOM 1	15.3	11/24/2020	
20-11-00228-110	132.3-110	10/23/2020	BOYS LOCKER ROOM 2	28.6	11/24/2020	
20-11-00228-111	132.3-111	10/23/2020	BOYS LOCKER ROOM 3	4.97	11/24/2020	
20-11-00228-112	132.3-112	10/23/2020	BOYS LOCKER ROOM 4	3.57	11/24/2020	

## 1.5 Laboratory Certifications



1.6 Chains of Custody



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-132.3

Client: Southwestern CSD Contact: Mr. Steve Olsen

Building: Southwestern Elementary School Location: 600 County Touring Rte 32 #1, Jamestown NY

### LEAD

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

Turnaround

20 Days

Sample #	Location	Outlet Type	Time	Cooler Model	Lab ID	Results
132.3-19	Library office	Sink	2:18			
132.3-20	Room 140	Sink	2:19			
132.3-21	Room 141	Sink	2:20			
132.3-22	Room 142	Sink	2:21			
132.3-23	Room 143	Sink	2:22			
132.3-24	Room 144	Sink	2:23			
132.3-25	Room 146	Sink	2:24			
132.3-26	Room 147	Sink	2:25			
132.3-27	Room 148	Sink	2:26			
132.3-28	Room 149	Sink	2:27			
132.3-29	Room 150	Sink	2:28			
132.3-30	Room 151	Sink	2:29			
132.3-31	Room 153	Sink	2:30			
132.3-32	Room 154	Sink	2:31			
132.3-33	Room 155	Sink	2:32			
132.3-34	160 bathroom	Sink	2:33			
132.3-35	161 bathroom	Sink	2:34			
132.3-36	222 girls Bath 1	Sink	2:35			

### Notes:

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

Sampled By: A. White Print Name A. White Stohl Env: A. White Date: 10/23/2020

Relinquished By: E. Henderson Jr. Print Name Eric Henderson Jr. Stohl Env: Eric Henderson Jr. Date: 10/27/2020

Received (Name / Lab): KTHARRIS Date: 10-30-20 Time: 1:49 pm

Sample Login (Name / Lab): Yaci Blam Date: 11/18/20 Time: 9:19 AM

Analysis (Name / Lab): J. Hertzler Date: 11/24/20 Time: 5 pm

QA/QC Review (Name / Lab): Melinda Date: 11/25/20 Time: 9 am

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



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Contact: Mr. Steve Olsen

Building: Southwestern Elementary School

Location: 600 County Touring Rte 32 #1, Jamestown NY

### LEAD

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

X

Turnaround

20 Days

Sample #	Location	Outlet Type	Time	Cooler Model	Lab ID	Results
132.3-55	Room 243	Sink	2:54			
132.3-56	Room 244	Sink	2:55			
132.3-57	Room 245	Sink	2:56			
132.3-58	Room 220 bath	Sink	2:57			
132.3-59	Room 221 bath	Sink	2:58			
132.3-60	Upper lib office	Sink	2:59			
132.3-61	281 adult bath	Sink	3:00			
132.3-62	282 adult bath	Sink	3:01			
132.3-63	Room 260	Sink	3:02			
132.3-64	Room 261	Sink	3:03			
132.3-65	Room 263	Sink	3:04			
132.3-66	Room 264 left	Sink	3:05			
132.3-67	Room 264 right	Sink	3:06			
132.3-68	Room 266	Sink	3:07			
132.3-69	Room 267	Sink	3:08			
132.3-70	Room 268	Sink	3:09			
132.3-71	Room 269	Sink	3:10			
132.3-72	Room 270	Sink	3:11			

### Notes:

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

Sampled By: A. White Print Name A. White Stohl Env: A. White Date: 10/23/2020

Relinquished By: Eric Henderson Jr. Print Name Eric Henderson Jr. Stohl Env: Eric Henderson Jr. Date: 10/27/2020

Received (Name / Lab): K. Harris Date: 10-30-20 Time: 1:49pm

Sample Login (Name / Lab): Vicci Brown Date: 11/18/20 Time: 9:22am

Analysis (Name / Lab): G. Dertzyler Date: 11/24/20 Time: 5pm

QA/QC Review (Name / Lab): M. Davis Date: 11/26/20 Time: 9am

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





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## Chain of Custody Document

Submitted to: (Lab Name) EHS

STOHL Job # 2020L-132.3

Client: Southwestern CSD

Contact: Mr. Steve Olsen

Building: Southwestern Elementary School

Location: 600 County Touring Rte 32 #1, Jamestown NY

### LEAD

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

Turnaround

20 Days

Sample #	Location	Outlet Type	Time	Cooler Model	Lab ID	Results
132.3-91	302 bath	Sink	3:30			
132.3-92	303 bath	Sink	3:31			
132.3-93	Room 305	Sink	3:32			
132.3-94	Room 307	Sink	3:33			
132.3-95	Room 309	Sink	3:34			
132.3-96	Room 312	Sink	3:35			
132.3-97	Cafe sink	Sink	3:36			
132.3-98	Kitchen prep across kettle	Sink	3:37			
132.3-99	Kitchen food wash station	Sink	3:38			
132.3-100	Kitchen triple sink	Sink	3:39			
132.3-101	Kitchen kettle fill	Sink	3:40			
132.3-102	Kitchen Dish wand	Sink	3:41			
132.3-103	Kit dishroom hand wash	Sink	3:42			
132.3-104	Bottle fill near 333	DFB	3:43			
132.3-105	Girls Bath 333 left	Sink	3:44			
132.3-106	Girls Bath 333 right	Sink	3:45			
132.3-107	Boys Bath 335 left	Sink	3:46			
132.3-108	Boys Bath 335 right	Sink	3:47			

### Notes:

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

Sampled By: A. White Print Name A. White Stohl Env: A. White Date: 10/23/2020

Relinquished By: Eric Henderson Jr. Print Name Eric Henderson Jr. Stohl Env: Eric Henderson Jr. Date: 10/27/2020

Received (Name / Lab): KTHARRIS Date: 10-30-20 Time: 1:49pm

Sample Login (Name / Lab): Eric Olson Date: 11/18/20 Time: 9:25AM

Analysis (Name / Lab): J. Hertzler Date: 11/24/20 Time: 5 pm

QA/QC Review (Name / Lab): Muhle Date: 11/28/20 Time: 9am

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