

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 High 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 22, 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, 7 sources of potable water in the 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 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 High School	10/22/2020	85	78	7	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
132.1-18	Boys Team Room	Sink	19.5
132.1-19	Boys Locker Room Coach Office	Sink	30.0
132.1-25	Multi-Purpose Left	Sink	16.5
132.1-29	Kitchen Kettle Fill	Sink	44.2
132.1-72	Room 221	Sink	19.5
132.1-73	Room 222 by Window	Sink	17.7
132.1-76	Room 225	Sink	30.7

1.4 Laboratory Analytical Reports by Building

Environmental Hazards Services, L.L.C

Client Number: 33-5980
 Project/Test Address: 2020L-132.1; Southwestern High School; 600 Hunt
 Road; West Ellicott, NY

Report Number: 20-11-00213

Lab Sample Number	Client Sample ID	Collection Date	Collection Location	Concentration ug/L (ppb)	Analysis Date	Narrative ID
20-11-00213-014	132.1-14	10/22/2020	GIRLS BATH 110 LEFT	3.09	11/23/2020	
20-11-00213-015	132.1-15	10/22/2020	GIRLS BATH 110 MIDDLE	2.84	11/23/2020	
20-11-00213-016	132.1-16	10/22/2020	GIRLS BATH 110 RIGHT	13.0	11/23/2020	
20-11-00213-017	132.1-17	10/22/2020	GIRLS TEAM ROOM	7.83	11/23/2020	
20-11-00213-018	132.1-18	10/22/2020	BOYS TEAM ROOM	19.5	11/23/2020	
20-11-00213-019	132.1-19	10/22/2020	BOYS LOCKER RM COACH OFFICE	30.0	11/23/2020	
20-11-00213-020	132.1-20	10/22/2020	BOYS LOCKER ROOM LEFT	5.61	11/23/2020	
20-11-00213-021	132.1-21	10/22/2020	BOYS LOCKER ROOM RIGHT	11.1	11/23/2020	
20-11-00213-022	132.1-22	10/22/2020	WELLNESS CENTER BOTTLE FILL	<1.00	11/23/2020	
20-11-00213-023	132.1-23	10/22/2020	MEN'S BATHROOM 133 LEFT	2.90	11/23/2020	
20-11-00213-024	132.1-24	10/22/2020	MEN'S BATHROOM 133 RIGHT	2.23	11/23/2020	
20-11-00213-025	132.1-25	10/22/2020	MULTI PUPOSE LEFT	16.5	11/23/2020	
20-11-00213-026	132.1-26	10/22/2020	MULTI PURPOSE RIGHT	5.21	11/23/2020	
20-11-00213-027	132.1-27	10/22/2020	CAFE GYM BOTTLE FILL	<1.00	11/23/2020	
20-11-00213-028	132.1-28	10/22/2020	KITCHEN HAND WASH	1.94	11/23/2020	
20-11-00213-029	132.1-29	10/22/2020	KITCHEN KETTLE FILL	44.2	11/23/2020	
20-11-00213-030	132.1-30	10/22/2020	KITCHEN RIGHT SIDE DUAL	8.28	11/23/2020	
20-11-00213-031	132.1-31	10/22/2020	KITCHEN MIDDLE DUAL	8.61	11/23/2020	
20-11-00213-032	132.1-32	10/22/2020	KITCHEN DISH WAND	2.13	11/23/2020	
20-11-00213-033	132.1-33	10/22/2020	KITCHEN BATHROOM	7.90	11/23/2020	

Environmental Hazards Services, L.L.C

Client Number: 33-5980
 Project/Test Address: 2020L-132.1; Southwestern High School; 600 Hunt Road; West Ellicott, NY

Report Number: 20-11-00213

Lab Sample Number	Client Sample ID	Collection Date	Collection Location	Concentration ug/L (ppb)	Analysis Date	Narrative ID
20-11-00213-054	132.1-54	10/22/2020	FAMILY RESTROOM 189	<1.00	11/23/2020	
20-11-00213-055	132.1-55	10/22/2020	WOMEN'S BATH 190 LEFT	1.98	11/23/2020	
20-11-00213-056	132.1-56	10/22/2020	WOMEN'S BATH 190 CENTER	8.60	11/23/2020	
20-11-00213-057	132.1-57	10/22/2020	WOMEN'S BATH 190 RIGHT	2.37	11/23/2020	
20-11-00213-058	132.1-58	10/22/2020	CONCESSION AREA BOTTLE FILL	<1.00	11/23/2020	
20-11-00213-059	132.1-59	10/22/2020	ROOM 254	1.30	11/23/2020	
20-11-00213-060	132.1-60	10/22/2020	ROOM 243	1.19	11/23/2020	
20-11-00213-061	132.1-61	10/22/2020	ROOM 252A	<1.00	11/23/2020	
20-11-00213-062	132.1-62	10/22/2020	ROOM 252B	<1.00	11/23/2020	
20-11-00213-063	132.1-63	10/22/2020	ROOM 203 BATHROOM	11.7	11/23/2020	
20-11-00213-064	132.1-64	10/22/2020	IT AREA BOTTLE FILL	<1.00	11/23/2020	
20-11-00213-065	132.1-65	10/22/2020	WOMENS BATHROOM 204 LEFT	4.50	11/23/2020	
20-11-00213-066	132.1-66	10/22/2020	WOMENS BATHROOM 204 CENTER	2.03	11/23/2020	
20-11-00213-067	132.1-67	10/22/2020	MEN'S BATHROOM 205 LEFT	2.69	11/23/2020	
20-11-00213-068	132.1-68	10/22/2020	MEN'S BATHROOM 205 MIDDLE	1.22	11/23/2020	
20-11-00213-069	132.1-69	10/22/2020	MEN'S BATHROOM 205 RIGHT	1.14	11/23/2020	
20-11-00213-070	132.1-70	10/22/2020	207B BATH	1.98	11/23/2020	
20-11-00213-071	132.1-71	10/22/2020	207A BATH	6.99	11/23/2020	
20-11-00213-072	132.1-72	10/22/2020	ROOM 221	19.5	11/23/2020	
20-11-00213-073	132.1-73	10/22/2020	ROOM 222 BY WINDOW	17.7	11/23/2020	

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-132.1

Client: Southwestern CSD

Contact: Mr. Steve Olsen

Building: Southwestern High school

Location: 600 Hunt Road, West Ellicott 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
132.1-19	Boys locker rm coach office	Sink	23:18			
132.1-20	Boys locker room left	Sink	23:19			
132.1-21	Boys locker room right	Sink	23:20			
132.1-22	Wellness center bottle fill	DFB	23:21			
132.1-23	Men's bathroom 133 left	Sink	23:22			
132.1-24	Men's bathroom 133 right	Sink	23:23			
132.1-25	Multi Purpose left	Sink	23:24			
132.1-26	Multi Purpose right	Sink	23:25			
132.1-27	Cafe gym bottle fill	DFB	23:26			
132.1-28	Kitchen hand wash	Sink	23:27			
132.1-29	Kitchen kettle fill	Sink	23:28			
132.1-30	Kitchen right side dual	Sink	23:29			
132.1-31	Kitchen middle dual	Sink	23:30			
132.1-32	Kitchen Dish wand	Sink	23:31			
132.1-33	Kitchen bathroom	Sink	23:32			
132.1-34	Women's bathroom 142 left	Sink	23:33			
132.1-35	Women's bathroom 142 right	Sink	23:34			
132.1-36	Room 147	Sink	23:35			

Notes:

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

Sampled By: A.White Print Name A.White Stohl Env: A.White Date: 10/22/2020

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

Received (Name / Lab): KTHARRIS KAL Date: 10/20/20 Time: 6:21 pm

Sample Login (Name / Lab): Travis Brown Date: 10/6/20 Time: 9:00AM

Analysis (Name / Lab): G. Hertigler Date: 11/23/20 Time: 2 pm

QA/QC Review (Name / Lab): M. Miller Date: 11/24/20 Time: 1 pm

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



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Chain of Custody Document

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STOHL Job # 2020L-132.1

Client: Southwestern CSD

Contact: Mr. Steve Olsen

Building: Southwestern High school

Location: 600 Hunt Road, West Ellicott 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
132.1-55	Women's bath 190 left	Sink	23:54			
132.1-56	Women's bath 190 center	Sink	23:55			
132.1-57	Women's bath 190 right	Sink	23:56			
132.1-58	Concession area bottle fill	DFB	23:57			
132.1-59	Room 254	Sink	23:58			
132.1-60	Room 243	Sink	23:59			
132.1-61	Room 252A	Sink	0:00			
132.1-62	Room 252B	Sink	0:01			
132.1-63	Room 203 bathroom	Sink	0:02			
132.1-64	IT area bottle fill	DFB	0:03			
132.1-65	Womens bathroom 204 left	Sink	0:04			
132.1-66	Women's bathroom 204 right	Sink	0:05			
132.1-67	Men's bathroom 205 left	Sink	0:06			
132.1-68	Men's bathroom 205 middle	Sink	0:07			
132.1-69	Men's bathroom 205 right	Sink	0:08			
132.1-70	207B bath	Sink	0:09			
132.1-71	207A bath	Sink	0:10			
132.1-72	Room 221	Sink	0:11			

Notes:

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

Sampled By: A.White Print Name A.White Stohl Env: A.White Date: 10/22/2020

Relinquished By: E. 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: 12:22 pm

Sample Login (Name / Lab): Traci Blom Date: 11/6/20 Time: 9:07 am

Analysis (Name / Lab): G. Hertigles Date: 11/23/20 Time: 2 pm

QA/QC Review (Name / Lab): M. White Date: 11/24/20 Time: 1 pm

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