

**Districtwide Lead in Drinking Water
Sampling and Remediation Plan**

2023-2025

Somers Central School District

January 2025

Enviroscience Project # 25987



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DISTRICTWIDE LEAD IN DRINKING WATER SAMPLING AND REMEDIATION PLAN

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(updated March 6, 2025)

ENVIROSCIENCE PROJECT #25987

Prepared for: SOMERS CENTRAL SCHOOL DISTRICT
250 Route 202
Somers, NY. 10589

Prepared by: ENVIROSCIENCE CONSULTANTS, LLC
2150 Smithtown Avenue
Ronkonkoma, New York 11779
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Project Manager: Susan Richter

1.0 EXECUTIVE SUMMARY

The Somers Central School District has developed their 2023-2025 Lead in Drinking Water Sampling and Remediation Plan, as required by the New York State Department of Health (Public Health Law Sections 1370-a and 1110, Subpart 67-4 Lead Testing in School Drinking Water).

In accordance with the regulation, this Lead Remediation Plan is prepared to identify locations deemed as Applicable Drinking Water Sources and report first draw sample results, to mitigate locations where sample results exceed 5 parts per billion, to identify locations deemed as Non-Applicable Water Sources, communicate this designation to building occupants, and to develop strategies for monitoring locations deemed Non-Applicable Water Sources to insure building occupants do not consume water from these locations.

The following locations within the Somers Central School District buildings have been deemed Applicable Drinking Water Sources by the administration:

- 1) Water fountains and bottle filling stations;
- 2) Kitchen water faucets and pot fillers used in food preparation;
- 3) Ice machines
- 4) Home Economics classroom sinks
- 5) Elementary classroom bathroom sinks
- 6) Nurse's Office and Faculty Room sinks

First draw samples were collected from each of these locations within the district and analyzed by a New York State Department of Health ELAP certified laboratory. The chains of custody are available upon request. For results at or below 5 ppb, no further action is required until 2025. For locations above 5 ppb, options include: second and third draw sample collection to determine source of lead, designation of the location as Non-applicable Water Source, or permanent removal of the fixture from the location. In either case, the result was communicated by Enviroscience Consultants, and the fixture was shut off by the district immediately upon receipt of results.

The following locations within the Somers Central School District buildings were deemed Non-Applicable Water Sources by the administration:

- 1) Science Laboratory sinks
- 2) Art Room sinks
- 3) Technical Classroom sinks
- 4) Other Classroom sinks
- 5) Bathroom sinks
- 6) Outside spigots
- 7) Custodial Closet sinks
- 8) Mixed Valve sinks (or hot only)

In these cases, the Somers Central School District staff have placed signs adjacent to the fixture to notify occupants that the water is not intended for consumption. To further support this protocol, the following management of the locations is required:

- 1) Science Laboratory sinks - communicate in writing with students that these locations are for science experiments and hand washing only, not for consumption. This is most easily accomplished by including this language in the laboratory safety paperwork distributed to students at the beginning of the school year. This program should be monitored by the respective science teachers, and any deficiencies reported for assessment and revision, if necessary, by the Facilities Department.
- 2) Art Room sinks - communicate in writing to students that these locations are for cleaning of art supplies and hand washing only, not for consumption. This is most easily accomplished by including this language in the course paperwork distributed to students at the beginning of the school year. This program should be monitored by the

respective art teachers, and any deficiencies reported for assessment and revision, if necessary, by the Facilities Department.

- 3) Technical Classroom sinks - classrooms in this category often include wood shop or auto mechanics classrooms, where students are to hand wash after bathroom usage or activities as part of a regular hygiene program. This program should be monitored by teachers and staff to ensure consumption is not taking place, and any deficiencies reported for assessment and revision, if necessary, by the Facilities Department.
- 4) Other classroom sinks - classrooms in this category often include elementary classrooms, where students are to hand wash after bathroom usage or activities as part of a regular hygiene program. This program should be monitored by teachers and staff to ensure consumption is not taking place, and any deficiencies reported for assessment and revision, if necessary, by the Facilities Department.
- 5) Bathroom sinks - in intermediate buildings, signage should be sufficient for communicating the concept of hand washing only. In elementary schools, personal hygiene should be integrated into curriculum to ensure students understand bathroom sinks are for hand washing only, and not consumption. Further, show what the signage looks like in bathrooms, so they learn to recognize its meaning. This program should be monitored by teachers and staff to ensure consumption is not taking place, and any deficiencies reported for assessment and revision, if necessary, by the Facilities Department.
- 6) Outside spigots - all-weather signage will be installed at each location. Further, spigots will have a special key maintained by the custodial staff to ensure that non-authorized persons do not fill sports coolers or use hoses for consumption. This program should be monitored by custodial staff to ensure consumption is not taking place, and any deficiencies reported for assessment and revision, if necessary, by the Facilities Department.
- 7) Custodial Closet sinks - these locations should be accessed by custodial personnel only and locked when not in use. Access to others should be restricted. This program should be monitored by custodial staff to ensure consumption is not taking place, and any deficiencies reported for assessment and revision, if necessary, by the Facilities Department.

- 8) Mixed Valve sinks (or hot only) – per Public Health Law Sections 1370-a and 1110, Subpart 67-4 Lead Testing in School Drinking Water mixed valve or hot water only sources are not required to be sampled. Signage is required for these sources. Signage should be sufficient for communicating the concept of hand washing only. In elementary schools, personal hygiene should be integrated into curriculum to ensure students understand bathroom sinks are for hand washing only, and not consumption. Further, show what the signage looks like so they learn to recognize its meaning. This program should be monitored by teachers and staff to ensure consumption is not taking place, and any deficiencies reported for assessment and revision, if necessary, by the Facilities Department.

All locations deemed non-applicable, but do not have signs, should be taken offline until signs have been posted. Signs are suggested to have pictures that instruct for handwashing only, do not drink.

2.0 SAMPLING METHODOLOGY

In accordance with the regulation, Enviroscience Consultants, LLC performed initial water sampling at the Somers Intermediate School and Somers Middle School on January 22, 2025. Somers Elementary School and Somers High School will be sampled during phase 2. Samples were collected in wide-mouth 250 milliliter containers and were collected in the morning hours before the facilities opened. The water sources were not used for at least 8 hours and not more than 18 hours prior to sampling. Unique source numbers and designations were assigned to each source location. Unique sample identification numbers were assigned to each sample taken. The key to fixture type codes, source designations, and the sampling location schematics are shown below.

Code Key for Lead in Water			
BF	Bottle Filler	SK	Sink
HB	Hose Bib	SL	Supply Line
IM	Ice Machine	SP	Spigot
OS	Other Source	SP	Spray
PF	Pot Filler	Y	
		SS	Slop Sink
		V	Valve
		WC	Water Cooler
		WF	Water Fountain

The following is a summary of results in parts per billion (ppb) of locations in the Somers Central School District where sample results were found above 5 ppb:

Somers Intermediate School			
SAMPLE LOCATION	RESULT	SAMPLE DATE	REMARKS
No Exceedances			

Somers CSD **School Water Outlet Inventory** **Lead in School Drinking Water Program 2023 - 2025**

Fixture #	Sample Location	Fixture Type	App or N/A	Latest 1 st Draw Results (ppb)	Latest Sampling Date	15 Second Draw Results (ppb)	60 Second Draw Results (ppb)	Flush Sampling Date	Remarks
SIS-1	Kitchen 3-Bay (left)	SK	App	3.0	1/22/2025				-
SIS-2	Kitchen 3-Bay (left)	Spray	App	3.0	1/22/2025				-
SIS-3	Kitchen 3-Bay (right)	SK	App	4.0	1/22/2025				-
SIS-4	All Gender Bathroom (right)	SK	N/A		1/22/2025				Sign
SIS-5	All Gender Bathroom (left)	SK	N/A		1/22/2025				Sign
SIS-6	Art Room - right counter	SK	N/A		1/22/2025				Sign
SIS-7	Art Room - unit @A	SK	N/A		1/22/2025				Sign
SIS-8	Art Room - unit @B	SK	N/A		1/22/2025				Sign
SIS-9	Hall by Art Room	WF	App	<1.0	1/22/2025				-
SIS-10	Hall by Art Room	BF	App	<1.0	1/22/2025				-
SIS-11	Boy's Bathroom 140	SK	N/A		1/22/2025				Sign
SIS-12	Boy's Bathroom 140	SK	N/A		1/22/2025				Sign
SIS-13	Boy's Bathroom 140	SK	N/A		1/22/2025				Sign
SIS-14	Boy's Bathroom 140	SK	N/A		1/22/2025				Sign
SIS-15	Boy's Bathroom 140	SK	N/A		1/22/2025				Sign
SIS-16	Boy's Bathroom 140	SK	N/A		1/22/2025				Sign
SIS-17	Custodial Closet 139	SS	N/A		1/22/2025				Sign
SIS-18	Girl's Bathroom 122	SK	N/A		1/22/2025				Sign

Action Level = 5.0 parts per billion (ppb) (µg/L)

Somers CSD
Somers Intermediate School
School Water Outlet Inventory
Lead in School Drinking Water Program 2023 - 2025

Fixture #	Sample Location	Fixture Type	App or N/A	Latest 1 st Draw Results (ppb)	Latest 1 st Draw Sampling Date	15 Second Draw Results (ppb)	60 Second Draw Results (ppb)	Flush Sampling Date	Remarks
SIS-19	Girl's Bathroom 122	SK	N/A		1/22/2025				Sign
SIS-20	Girl's Bathroom 122	SK	N/A		1/22/2025				Sign
SIS-21	Girl's Bathroom 122	SK	N/A		1/22/2025				Sign
SIS-22	Library Office	SK	App	4.0	1/22/2025				
SIS-23	Faculty Bathroom	SK	N/A		1/22/2025				Sign
SIS-24	Faculty Bathroom	SK	N/A		1/22/2025				Sign
SIS-25	Hall by Faculty Room (left)	BF	App		1/22/2025				Non-functional at time of sampling, sampling required before returning to service
SIS-26	Hall by Faculty Room (left)	WF	App	<1.0	1/22/2025				
SIS-27	Hall by Faculty Room (right)	WF	App	4.0	1/22/2025				
SIS-28	Fourth Grade Great Room	SK	N/A		1/22/2025				Sign
SIS-29	Fourth Grade Great Room Counter (left)	SK	App	2.0	1/22/2025				
SIS-30	Fourth Grade Great Room Counter (right)	SK	App	4.0	1/22/2025				
SIS-32	Fourth Grade Girl's Bathroom	SK	N/A		1/22/2025				Sign
SIS-33	Fourth Grade Girl's Bathroom	SK	N/A		1/22/2025				Sign
SIS-34	Hall by Room C14	WF	App	<1.0	1/22/2025				
SIS-35	Hall by Room C14	BF	App	<1.0	1/22/2025				
SIS-36	Girl's Bathroom by C14	SK	N/A		1/22/2025				Sign
SIS-37	Girl's Bathroom by C14	SK	N/A		1/22/2025				Sign

Action Level = 5.0 parts per billion (ppb) (µg/L)

Somers CSD **School Water Outlet Inventory** **Lead in School Drinking Water Program 2023 - 2025**
Somers Intermediate School

Fixture #	Sample Location	Fixture Type	App or N/A	Latest 1" Draw Results (ppb)	Latest 1st Draw Sampling Date	15 Second Draw Results (ppb)	60 Second Draw Results (ppb)	Flush Sampling Date	Remarks
SIS-38	Boy's Bathroom by C14	SK	N/A		1/22/2025				Sign
SIS-39	Boy's Bathroom by C14	SK	N/A		1/22/2025				Sign
SIS-40	Fifth Grade Great Room	SK	N/A		1/22/2025				Sign
SIS-41	Fifth Grade Great Room Counter (left)	SK	App	3.0	1/22/2025				-
SIS-42	Fifth Grade Great Room Counter (right)	SK	App	5.0	1/22/2025				-
SIS-43	Fifth Grade Boy's Bathroom	SK	N/A		1/22/2025				Sign
SIS-44	Fifth Grade Girl's Bathroom	SK	N/A		1/22/2025				Sign
SIS-45	Fifth Grade Girl's Bathroom	SK	N/A		1/22/2025				Sign
SIS-46	Custodial Closet 130	SS	N/A		1/22/2025				Sign
SIS-47	Hall by Room 103A	BF	App	<1.0	1/22/2025				-
SIS-48	Hall by Room 103A	WF	App	<1.0	1/22/2025				-
SIS-49	Men's Bathroom 130A	SK	N/A		1/22/2025				Sign
SIS-50	Third Grade Great Room	SK	N/A		1/22/2025				Sign
SIS-51	Third Grade Great Room Counter (left)	SK	App	2.0	1/22/2025				-
SIS-52	Third Grade Great Room Counter (right)	SK	App	3.0	1/22/2025				-
SIS-53	Third Grade Boy's Bathroom	SK	N/A		1/22/2025				Sign
SIS-54	Third Grade Girl's Bathroom	SK	N/A		1/22/2025				Sign
SIS-55	Third Grade Girl's Bathroom	SK	N/A		1/22/2025				Sign

**Somers CSD
Somers Intermediate School**

School Water Outlet Inventory

Lead in School Drinking Water Program 2023 - 2025

Fixture #	Sample Location	Fixture Type	App or N/A	Latest 1 st Draw Results (ppb)	Latest 1 st Draw Sampling Date	15 Second Draw Results (ppb)	60 Second Draw Results (ppb)	Flush Sampling Date	Remarks
SIS-56	Hall by Room 106 (left)	WF	App	<1.0	1/22/2025				-
SIS-57	Hall by Room 106 (left)	BF	App	<1.0	1/22/2025				-
SIS-58	Hall by Room 106 (right)	WF	App	<1.0	1/22/2025				-
SIS-59	Teacher's Lounge	SK	App	2.0	1/22/2025				-
SIS-60	Teacher's Lounge Bathroom	SK	N/A		1/22/2025				Sign
SIS-61	Custodial Closet 107	SS	N/A		1/22/2025				Sign
SIS-62	Nurse's Office	SK	App	1.0	1/22/2025				
SIS-63	Nurse's Office Bathroom	SK	N/A		1/22/2025				Sign
SIS-64	Girl's Bathroom by Nurse's Office	SK	N/A		1/22/2025				Sign
SIS-65	Girl's Bathroom by Nurse's Office	SK	N/A		1/22/2025				Sign
SIS-67	All Gender Bathroom by Nurse's Office (left)	SK	N/A		1/22/2025				Sign
SIS-68	Hall by Room 114	BF	App	<1.0	1/22/2025				-

Laboratory Report

NYE Report #: 2500187-32149

January 23, 2025

Project Manager
Enviroscience Consultants, Inc.
2150 Smithtown Avenue
Ronkonkoma, NY 11779

Project: Somers CSD; Somers Intermediate School

Dear Project Manager,

Enclosed is the Laboratory Analytical Report for potable water sample(s) received on January 22, 2025. New York Environmental analyzed the samples on January 23, 2025 for Lead (Pb) by EPA Method 200.9 Rev. 2.2.

If there are any questions regarding the analyses, please feel free to contact us at your convenience. New York Environmental is a NELAP accredited laboratory. Attached reported results meet the requirements of the NELAP standards unless otherwise noted.

Samples' analytical results relate only to the samples tested, in the condition received by the laboratory. This report shall not be reproduced except in its entirety without written approval of the laboratory.

We sincerely thank you for your business, and look forward to being of service for your future environmental testing needs.

Sincerely,



Li Tsang, Laboratory Director

Date Collected:	22 Jan 2025
Date Received:	22 Jan 2025
Date Analyzed:	23 Jan 2025

Analytical Method:	EPA 200.9 Rev. 2.2
Analyte, Matrix:	Lead, Potable Water

Lab ID	CID	Sample Location/Description	LOQ	Result	Units	Flag
250122L001	1	Kitchen 3-Bay (left)-SK, Initial	0.001	0.003	mg/L	
250122L002	2	Kitchen 3-Bay (left)-Spray, Initial	0.001	0.003	mg/L	
250122L003	3	Kitchen 3-Bay (right)-SK, Initial	0.001	0.004	mg/L	
250122L004	4	Hall by Art Room-WF, Initial	0.001	<0.001	mg/L	
250122L005	5	Hall by Art Room-BF, Initial	0.001	<0.001	mg/L	
250122L006	6	Library Office-SK, Initial	0.001	0.004	mg/L	
250122L007	7	Hall by Faculty Room (left)-WF, Initial	0.001	<0.001	mg/L	
250122L008	8	Hall by Faculty Room (right)-WF, Initial	0.001	0.004	mg/L	
250122L009	9	Fourth Grade Great Room Counter (left)-SK, Initial	0.001	0.002	mg/L	
250122L010	10	Fourth Grade Great Room Counter (right)-SK, Initial	0.001	0.004	mg/L	
250122L011	11	Hall by Room C14-WF, Initial	0.001	<0.001	mg/L	
250122L012	12	Hall by Room C14-BF, Initial	0.001	<0.001	mg/L	
250122L013	13	Fifth Grade Great Room Counter (left)-SK, Initial	0.001	0.003	mg/L	
250122L014	14	Fifth Grade Great Room Counter (right)-SK, Initial	0.001	0.005	mg/L	
2501230615	15	Hall by Room 103A-BF, Initial	0.001	<0.001	mg/L	
250123061A	16	Hall by Room 103A-WF, Initial	0.001	<0.001	mg/L	
250123061B	17	Third Grade Great Room Counter (left)-SK, Initial	0.001	0.002	mg/L	
250123061C	18	Third Grade Great Room Counter (right)-SK, Initial	0.001	0.003	mg/L	
250123061D	19	Hall by Room 106 (left)-WF, Initial	0.001	<0.001	mg/L	
250123061E	20	Hall by Room 106 (left)-BF, Initial	0.001	<0.001	mg/L	
250123061F	21	Hall by Room 106 (right)-WF, Initial	0.001	<0.001	mg/L	
250123061G	22	Teacher's Lounge-SK, Initial	0.001	0.002	mg/L	
250123061H	23	Nurse's Office-SK, Initial	0.001	0.001	mg/L	
250123061I	24	Hall by Room 114-BF, Initial	0.001	<0.001	mg/L	

Comment:

CID: Client ID LOQ: Limit of Quantitation

