

July 23, 2026

Todd Currie
Assistant Superintendent of Operations
Elmsford Union Free School District
98 South Goodwin Avenue
Elmsford, NY 10523

Subject: Lead Testing of School Drinking Water
Alice E. Grady Elementary School
45 Cobb Lane
Elmsford, NY 10523
Langan Project No.: 101296963

Dear Mr. Currie:

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan) completed the testing program for lead in water at Alice E. Grady Elementary School located at 45 Cobb Lane, Elmsford, New York. Langan's team of industrial hygienists completed a visual assessment of the building to determine applicable vs non-applicable outlets prior to sampling.

Langan is providing the following New York State Department of Health (NYS DOH) required documentation: Laboratory Results, Exceedance Table, a draft Parents Notification Letter and notification to the local department of health of exceedances, when applicable. If requested by the district, Langan will complete the required reporting through the Survey Management and Response Tool (SMART) on the NYS Health Commerce System (previously the Health Electronic Response Data System, or HERDS). The district will need to provide access to the system for Langan to complete the required reporting.

Project Background

On September 6, 2016, the Governor signed legislation requiring all school districts in NYS to test potable water systems for lead contamination and to take responsive actions. To implement this new law, the DOH issued emergency regulations, titled Lead Testing in School Drinking Water. On May 9, 2018, the Lead Testing in School Drinking Water final regulation was published in the State Register, replacing the emergency regulation:

- By September 30, 2016, all school buildings serving children in pre-K through grade 5 were required to collect a sample from each outlet for testing.
- By October 31, 2016, all school buildings serving children in grades 6 through 12 must collect a sample from each outlet for testing.
- Schools must complete initial first-draw sampling for Compliance Year 2020 between January 1, 2020 – December 31, 2020, and every 5 years thereafter or at an earlier time as determined by the Commissioner of Health. On October 13, 2020, NYS DOH provided an Extension of School Lead Testing Requirements to June 30, 2021.

On December 22, 2022, revisions to the Public Health Law (PHL) which governs potable water testing and standards in schools went into effect. The key revisions to the law requiring changes included:

- Revised action level of lead in drinking water to 5 parts per billion (ppb), reduced from 15 ppb.
- School buildings deemed “lead free” are no longer exempt from testing requirements:
- Should it be necessary to provide water to school occupants following an outlet being taken out of service due to an action level exceedance, it will be provided free of charge.
- Copies of the lead sampling results, including lab results and any lead remediation plans, must be made available to the public and posted on the school’s website.
- Compliance testing will occur on a triennial (every 3 years) schedule.

Program updates/clarifications issued for the 2026-2028 compliance period include:

- Charter schools must now follow the regulations outlined in Subpart 67-4
- Schools must conduct initial first-draw sampling by October 31, 2028 (previously December 21)
- Schools must report results electronically to the Department of Health through the SMART survey on the Health Commerce System (previously HERDS)
- Testing must be performed every 36 months, not every three calendar years. If testing was performed in April of 2023, testing must be performed by April of 2026, not by the end of the 2026 calendar year.

KEY DEFINITIONS IN THE LAW/REGULATIONS

1. Outlet means a potable water fixture currently or potentially used for drinking or cooking purposes, including but not limited to a bubbler, drinking fountain, hose bib, sinks or faucets.
2. “Applicable” outlets: Outlets that should be sampled may be located anywhere on school property including external outlets (hose bibs) if the outlet may be used for drinking or cooking (including food preparation). Superintendents or their designees have the responsibility to identify which outlets on a school property meet the regulation requirements for sampling (“applicable outlets”). If a Superintendent or their designee determines that they have outlets that fall outside of the scope of the regulation (outlets not used or potentially used for drinking or cooking), the school must remediate or/and have a remedial action plan that includes details on how those outlets will not be accessed and/or utilized for drinking or cooking purposes (“non-applicable outlets”).
3. “Non-applicable” outlets: The Rule of Thumb is that generally, any outlet in a room or office within a school that is not used by students (pre-kindergarten through grade 12) and

RECOMMENDATIONS

When lead concentrations exceed 5 ppb, Langan offers the following recommendations to Elmsford for remediation:

In accordance with Subpart 67-4, Section 67-4.4 Response, the following immediate Response Actions are necessary:

- Prohibit the use of the outlet immediately (take outlet out of service or turn off) until:
 1. A lead remedial action plan is implemented to mitigate the lead level at the outlet, and
 2. Post-remediation test results indicate that the lead levels are at or below the action level;
- Provide building occupants with an adequate supply of water for drinking and cooking until remediation is performed;
- Report the test results to the local health department as soon as practicable, but no more than 1 business day after the school received the laboratory report;
- Notify all staff and all persons in parental relation to students of the test results, in writing, as soon as practicable but no more than 10 business days after the school received the laboratory report.

If an outlet tested above the “action level”, it can still be used for cleaning and handwashing.

However, please note:

- Signage must be placed at such outlets stating that the water should not be used for drinking (only handwashing and cleaning).
- Pictures should be used if there are small children using the water outlets, and staff should ensure the children understand what the signs mean and monitor the outlets to ensure they are not used for drinking.

Corrective Actions / Remediation Options

- Permanent removal of an outlet
- Outlet replacement with “lead-free” plumbing materials
- Pipe replacement with “lead-free” plumbing materials
- Remove other sources of lead (lead pipe, lead solder joints, and brass plumbing components with “lead-free” materials)
- Flushing (systematic flushing program)
- Point of Use (POU) Filters*
- Supervision
- Engineering controls
- Education
- Signage. Signage used at outlets are considered to be a temporary measure and cannot be used as a permanent measure.

Non-Applicable Outlets

- Mixed Valve/Tempered Outlets. These outlets should be clearly posted with signs ("Do Not Drink" or equivalent), provide awareness education to students and staff and implement appropriate remedial actions to prevent drinking from these outlets.
- Science/Art sinks: as noted by NYSDOL, typically these classroom settings prohibit eating and/or drinking. The school Superintendent has the authority to determine whether these outlets may be used for drinking or cooking or whether they require sampling. Management controls such as restricted/secured access (e.g. locked doors), signage, required supervision and other management controls are part of the overall safety and health program elements that should be in place.

RESPONSE ACTIONS & POST REMEDIATION SAMPLING RESULTS DISCUSSION

For the **10** samples collected at Alice E. Grady Elementary School that exceeded 5 ppb, Elmsford Union Free School District took the following response actions.

Alice E. Grady Elementary School	
Location	Response Action
Room 111 - Sink	Add signage, hand washing only
Room 113 - Sink	Add signage, hand washing only
Room 115 - Sink	Add signage, hand washing only
Room 117 - Sink	Add signage, hand washing only
Room 133 - Sink	Add signage, hand washing only
Room 135 - Sink	Add signage, hand washing only
Kitchen – Food Prep Sink	Add signage, hand washing only
Room 211 - Sink	Add signage, hand washing only
Room 233 - Sink	Add signage, hand washing only
Room 234 - Sink	Add signage, hand washing only

As the water sources were redesignated for hand washing only, no post remediation sampling was performed.

LIMITATIONS, EXCEPTIONS AND ASSUMPTIONS

Opinions and recommendations presented in this report apply to site conditions and features as they existed at the time of Langan's site visits, and those reasonably foreseeable. They cannot necessarily apply to conditions and features of which Langan is unaware and has not had the opportunity to evaluate. The conclusions presented in this report are professional opinions based solely upon Langan's visual observations of accessible areas and sampling data. These conclusions are intended exclusively for the purpose state herein, at the sites indicated, and for the project indicated. No expressed or implied representation or warranty is included or intended in our reports, except that our services were performed, within the limits prescribed by our client, with the customary thoroughness and competence of our profession.

CLOSURE

We trust that the information and recommendations provided in this report adequately address your concerns. If you have any questions, please do not hesitate to contact us.

Very Truly Yours,

**Langan Engineering, Environmental, Surveying,
Landscape Architecture and Geology, D.P.C.**



Drew Cheskin
Project Scientist



Craig Napolitano, CHMM
Associate Principal

APPENDIX A

Laboratory Results and Chain of Custody



Technical Report

prepared for:

Langan Engineering & Environmental Services (NJ)

300 Kimball Drive, 4th Floor

Parsipanny NJ, 07054-2172

Attention: Brian Feury

Report Date: 06/22/2026

Client Project ID: 101296963

Project (SDG) No.: 26F0914

Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
26F0914-21	AEG-21 Room 217 Sink	Drinking Water	06/16/2026	06/16/2026
26F0914-22	AEG-22 Room 232 Sink	Drinking Water	06/16/2026	06/16/2026
26F0914-23	AEG-23 Room 233 Sink	Drinking Water	06/16/2026	06/16/2026
26F0914-24	AEG-24 Room 234 Sink	Drinking Water	06/16/2026	06/16/2026

General Notes for Project (SDG) No.: 26F0914

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. ALS' liability for the above data is limited to the dollar value paid to ALS for the referenced project.
4. This report shall not be reproduced without the written approval of ALS, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by ALS.
8. Analyses conducted at ALS, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at ALS, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By:



Cassie Mosher
Laboratory Manager - Stratford

Date: 06/22/2026



Positive Hits Included in This Report
Excludes Subcontracted Analysis

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Units	Specific Method	Analyzed
26F0914-01 - AEG-1 Room 111 Sink								
Lead	5.43	M-PbEX		0.065	1.00	ug/L	EPA 200.8	06/19/26 15:19
26F0914-02 - AEG-2 Room 113 Sink								
Lead	7.42	M-PbEX		0.065	1.00	ug/L	EPA 200.8	06/19/26 15:26
26F0914-03 - AEG-3 Room 115 Sink								
Lead	8.90	M-PbEX		0.065	1.00	ug/L	EPA 200.8	06/19/26 15:29
26F0914-04 - AEG-4 Room 117 Sink								
Lead	8.04	M-PbEX		0.065	1.00	ug/L	EPA 200.8	06/19/26 15:33
26F0914-11 - AEG-11 Room 133 Sink								



Certified Analyses included in this Report

Analyte	CAS #	Certifications
<i>EPA 200.8 in Drinking Water</i>		
Lead	7439-92-1	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440



List of Certifications

Code	Description	Number	Expires
CTDPH-PH-0840	CTDPH - Stratford	PH-0840	06/30/2027
NJDEP-CT005	NJDEP Certification - Stratford	CT005	06/30/2026
NYSDOH-NY10854	NYSDOH NELAC/ELAP Program - Stratford	NY ELAP-10854	04/01/2027
PADEP-68-04440	PADEP Registration - Stratford	68-04440	09/30/2026



Metals Total - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF61222 - EPA 200.8											
Blank (BF61222-BLK1)											
Prepared & Analyzed: 06/19/2026											
Lead	ND	1.00	ug/L								
LCS (BF61222-BS1)											
Prepared & Analyzed: 06/19/2026											
Lead	50.4		ug/L	50.0		101	85-115				
Matrix Spike (BF6122											

APPENDIX B

Certifications and Accreditations

APPENDIX C

**Applicable Outlet Inventory &
Water Sample Location Drawings**

APPENDIX D

NYS DOH Lead Testing in School Drinking Water

Program Review and Updates: 2026-2028

AGENDA

- Program Updates Overview
- Sampling Requirements
- Reporting Requirements
- Remediation Requirements
- Remediation Reimbursement
- Health Commerce System/SMART Demo

