June 17, 2026
Updated September 25, 2026

Kenneth Baviello
Director of Facilities
Briarcliff Manor Union Free School District
45 Ingham Road
Briarcliff Manor, NY 10510

Subject: Lead Testing of School Drinking Water
Briarcliff Middle School
444 Pleasantville Road
Briarcliff Manor, NY 10510
Langan Project No.: 101296962/190150516

Dear Mr. Baviello:

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan) completed the testing program for lead in water at Briarcliff Middle School located at 444 Pleasantville Road, Briarcliff Manor, 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 does not provide water for drinking or cooking does not require sampling.

4. Action level means 5 parts per billion (ppb). Lead test results greater than 5 ppb exceeds the lead action level and requires the outlet to be taken out of service and a remediation action plan be implemented.

5. For additional guidance regarding applicable vs. non-applicable outlets, and other requirements please see the Appendices for NYS DOH Lead Testing in School Drinking Water Program Review and Updates: 2026-2028.

Sampling Methodology

1. The NYS DOH Emergency Regulation, Section 67-4.3 – Monitoring states:

   - First-draw samples shall be collected from all "applicable" outlets. A first-draw sample volume shall be 250 milliliters (mL), collected from a cold-water outlet before any water is used. The water shall be motionless in the pipes for a minimum of 8 hours, but no more than 18 hours, before sample collection. Note: The NYS DOH requires that for outlets which do not have regular use and water remains motionless in the pipes for greater than 18 hours, the outlets were to be sampled as well (to represent "normal use patterns").
   - All first-draw samples shall be analyzed by a laboratory approved to perform such analyses by the Department's Environmental Laboratory Approval Program (ELAP).
   - Although not required by the NYS DOH Emergency Regulation, Langan also followed additional methodologies included in Environmental Protection Agency (EPA) document entitled "3Ts for Reducing Lead in Drinking Water in Schools".

2. Sampling Plan:

   - In developing sampling plans before sample collection took place at each school, Langan catalogued all water sources present in the school, and in conjunction with the district, determined those outlets which would be deemed Applicable and tested for lead content.
   - A floor plan showing the location of the Applicable outlets was provided to the district, along with tables showing all outlets, both Applicable and Non-applicable, and used to determine a sampling order which considered the buildings incoming water supply and those outlets used earliest in the day.

3. Laboratory Analysis: Samples were submitted to ALS Environmental (Stratford, CT) for analysis under chain-of-custody. The laboratory is certified through the NYS DOH Environmental Laboratory Approval Program (ELAP) and is approved for analysis of lead in potable water.

4. Re-sampling can be performed provided corrective action or remediation options, as reviewed in the Recommendation section, are complete. Proper flushing of new equipment (e.g. pipes, faucets etc.) is recommended.

5. Flushing Program and Resampling: when routine flushing programs are implemented, the school plumbing system should be flushed according to an established protocol. After flushing and before sampling or resampling, a period of 3-4 days of normal use is recommended. First-draw lead water sampling can be performed after the required hold time of 8-18 hours is completed.

6. In accordance with the NYS DOH, the following post-remediation testing requirements apply:

- Follow-up samples collected after an outlet has been remediated must also be "first-draw" samples. Schools may choose to perform additional sampling (i.e., 30-second flush, etc.) to determine the contribution of lead from plumbing to guide remediation decisions.
- Only those outlets that exceed the action level need to be resampled (following remediation).
- All remediated outlets will likely require flushing before being placed back into service.
- Post-remediation tests results need to be reported via SMART on HCS, and on the school website within the same reporting timeframes/requirements as specified for the initial sampling.

RESULTS DISCUSSION

The following Assessment Results Exceedance Table provides details on the date of sampling, sample identification, location and laboratory results that exceeded 5 ppb, if applicable. A copy of the full laboratory results and the chain of custody are presented at the end of this report in Appendix A. Laboratory certifications can be found in Appendix B. An Applicable Outlet Inventory & Water Source Location Drawings are located in Appendix C.

Of the **20** samples collected at Briarcliff Middle School, **two (10%)** had lead concentrations that exceeded 5 ppb. The table below details the sample locations and the laboratory results.

Briarcliff Middle School				
Sample Date	**Sample ID**	**Floor**	**Location**	**Lead Level (ppb)**
05/14/2026	BMS-16	1	Kitchen 501 – Pot Filler Spout	5.09
05/14/2026	BMS-17	1	Kitchen 501 – Island Food Prep Sink	16.3

Upon receipt of the results, Langan is making the following recommendations to the district as required by Subpart 67-4 of Title 10 (Health) of the Official Compilation of Codes, Rules and Regulations of the State of New York:

- Review the Exceedance Table, Laboratory Results and Notification Letter, indicating lead water sample results exceeding the NYSDOH Action Level of 5 ppb, and require these outlets to be taken out of service and a remediation action plan be implemented.
- Please see Lead Testing in School Drinking Water, 10 NYCRR Subpart 67-4, adopted May 9, 2018 for applicable requirements
- (https://www.health.ny.gov/environmental/water/drinking/lead/lead_testing_of_school_drinking_water.htm)

RECOMMENDATIONS

When lead concentrations exceed 5 ppb, Langan offers the following recommendations to Briarcliff Manor 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 **two** samples collected at Briarcliff Middle School that exceeded 5 ppb, Briarcliff Manor Union Free School District took the following response actions.

Briarcliff Middle School	
Location	**Response Action**
Kitchen 501 – Pot Filler Spot	Equipment permanently removed
Kitchen 501 – Island Food Prep Sink	Point of use filtration system installed, water source retested

A copy of the full laboratory results and the chain of custody for post remediation sampling is presented at the end of this report in Appendix A.

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.

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Very Truly Yours,
Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

Drew Cheskin
Senior 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: 05/22/2026
Client Project ID: 101296962
Project (SDG) No.: 26E0719

Report Date: 05/22/2026
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Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Brian Feury

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on May 14, 2026 and listed below. The project was identified as your project: **101296962**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
26E0719-01	BMS-1 Home Economics 96 Sink (rear wall left)	Drinking Water	05/14/2026	05/14/2026
26E0719-02	BMS-2 Home Economics 96 Sink (rear wall right)	Drinking Water	05/14/2026	05/14/2026
26E0719-03	MS-3 Home Economics 96 Sprayer (rear wall righ	Drinking Water	05/14/2026	05/14/2026
26E0719-04	S-4 Home Economics 96 Sink (Island near rear w	Drinking Water	05/14/2026	05/14/2026
26E0719-05	5 Home Economics 96 Sprayer (Island near rear	Drinking Water	05/14/2026	05/14/2026
26E0719-06	-6 Home Economics 96 Sink (Island entry door s	Drinking Water	05/14/2026	05/14/2026
26E0719-07	7 Home Economics 96 Sprayer (Island entry door	Drinking Water	05/14/2026	05/14/2026
26E0719-08	BMS-8 Hallway at Room 100 Water Fountain	Drinking Water	05/14/2026	05/14/2026
26E0719-09	BMS-9 Hallway at Room 100 Bottle Filler	Drinking Water	05/14/2026	05/14/2026
26E0719-10	BMS-10 Hallway at Room 201 Water Fountain	Drinking Water	05/14/2026	05/14/2026
26E0719-11	BMS-11 Hallway at Room 201 Bottle Filler	Drinking Water	05/14/2026	05/14/2026
26E0719-12	-12 Cafeteria 500 at Student Bathrooms Bottle F	Drinking Water	05/14/2026	05/14/2026
26E0719-13	13 Kitchen 501 3-Bay Dish Washing Sink (left fa	Drinking Water	05/14/2026	05/14/2026
26E0719-14	14 Kitchen 501 3-Bay Dish Washing Sink (right fa	Drinking Water	05/14/2026	05/14/2026
26E0719-15	BMS-15 Kitchen 501 3-Bay Dish Washing Sprayer	Drinking Water	05/14/2026	05/14/2026
26E0719-16	Kitchen 501 Pot Filler Spout (rear wall next to ha	Drinking Water	05/14/2026	05/14/2026
26E0719-17	BMS-17 Kitchen 501 Island Food Prep Sink	Drinking Water	05/14/2026	05/14/2026
26E0719-18	itchen 501 2-Bay Sink Food Prep Sink (near stor	Drinking Water	05/14/2026	05/14/2026
26E0719-19	chen 501 2-Bay Sink Food Prep Sprayer (near st	Drinking Water	05/14/2026	05/14/2026
26E0719-20	BMS-20 Kitchen 501 Ice Machine	Drinking Water	05/14/2026	05/14/2026

General Notes for Project (SDG) No.: 26E0719

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

Cassie Mosher
Laboratory Manager - Stratford

Date: 05/22/2026

Positive Hits Included in This Report

Excludes Subcontracted Analysis

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Units	Specific Method	Analyzed
26E0719-01 - BMS-1 Home Economics 96 Sink (rear wall left)								
Lead	1.64			0.065	1.00	ug/L	EPA 200.8	05/21/26 17:30
26E0719-13 - BMS-13 Kitchen 501 3-Bay Dish Washing Sink (left faucet)								
Lead	1.94			0.065	1.00	ug/L	EPA 200.8	05/21/26 17:58
26E0719-14 - BMS-14 Kitchen 501 3-Bay Dish Washing Sink (right faucet)								
Lead	3.02			0.065	1.00	ug/L	EPA 200.8	05/21/26 17:59
26E0719-16 - BMS-16 Kitchen 501 Pot Filler Spout (rear wall next to hand wash)								
Lead	5.09	M-PbEX		0.065	1.00	ug/L	EPA 200.8	05/21/26 18:02
26E0719-17 - BMS-17 Kitchen 501 Island Food Prep Sink								
Lead	16.3	M-PbEX		0.065	1.00	ug/L	EPA 200.8	05/21/26 18:06
26E0719-18 - BMS-18 Kitchen 501 2-Bay Sink Food Prep Sink (near storage area)								
Lead	2.36			0.065	1.00	ug/L	EPA 200.8	05/21/26 18:07
26E0719-19 - BMS-19 Kitchen 501 2-Bay Sink Food Prep Sprayer (near storage area)								
Lead	3.14			0.065	1.00	ug/L	EPA 200.8	05/21/26 18:09

Client:	Langan Engineering & Environmental Services (NJ)	**Sample ID:**	**26E0719-01**
Client Project:	101296962	**Date Received:**	05/14/2026
Client Sample ID:	BMS-1 Home Economics 96 Sink (rear wall left)	**Collection Date/Time:**	5/14/26 5:27

Lab ID:	**26E0719-01**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Drinking Water
Prep Method:	Sample Prepared by Method: EPA 200.8	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Lead	**1.64**			0.065	1.00	1	ug/L	EPA 200.8	5/21/26 14:03	5/21/26 17:30	JWT

Client:	Langan Engineering & Environmental Services (NJ)	**Sample ID:**	**26E0719-02**
Client Project:	101296962	**Date Received:**	05/14/2026
Client Sample ID:	BMS-2 Home Economics 96 Sink (rear wall right)	**Collection Date/Time:**	5/14/26 5:27

Lab ID:	**26E0719-02**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Drinking Water
Prep Method:	Sample Prepared by Method: EPA 200.8	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Lead	ND		U	0.065	1.00	1	ug/L	EPA 200.8	5/21/26 14:03	5/21/26 17:34	JWT

Client:	Langan Engineering & Environmental Services (NJ)	**Sample ID:**	**26E0719-03**
Client Project:	101296962	**Date Received:**	05/14/2026
Client Sample ID:	BMS-3 Home Economics 96 Sprayer (rear wall right)	**Collection Date/Time:**	5/14/26 5:27

Lab ID:	**26E0719-03**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Drinking Water
Prep Method:	Sample Prepared by Method: EPA 200.8	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Lead	ND		U	0.065	1.00	1	ug/L	EPA 200.8	5/21/26 14:03	5/21/26 17:35	JWT

Client:	Langan Engineering & Environmental Services (NJ)	**Sample ID:**	**26E0719-04**
Client Project:	101296962	**Date Received:**	05/14/2026
Client Sample ID:	BMS-4 Home Economics 96 Sink (Island near rear wall)	**Collection Date/Time:**	5/14/26 5:28

Lab ID:	**26E0719-04**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Drinking Water
Prep Method:	Sample Prepared by Method: EPA 200.8	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Lead	ND		U	0.065	1.00	1	ug/L	EPA 200.8	5/21/26 14:03	5/21/26 17:37	JWT

Client:	Langan Engineering & Environmental Services (NJ)	**Sample ID:**	**26E0719-05**
Client Project:	101296962	**Date Received:**	05/14/2026
Client Sample ID:	BMS-5 Home Economics 96 Sprayer (Island near rear wall)	**Collection Date/Time:**	5/14/26 5:28

Lab ID:	**26E0719-05**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Drinking Water
Prep Method:	Sample Prepared by Method: EPA 200.8	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Lead	ND		U	0.065	1.00	1	ug/L	EPA 200.8	5/21/26 14:03	5/21/26 17:38	JWT

Client:	Langan Engineering & Environmental Services (NJ)	**Sample ID:**	**26E0719-06**
Client Project:	101296962	**Date Received:**	05/14/2026
Client Sample ID:	BMS-6 Home Economics 96 Sink (Island entry door side)	**Collection Date/Time:**	5/14/26 5:28

Lab ID:	**26E0719-06**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Drinking Water
Prep Method:	Sample Prepared by Method: EPA 200.8	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Lead	ND		U	0.065	1.00	1	ug/L	EPA 200.8	5/21/26 14:03	5/21/26 17:39	JWT

Client:	Langan Engineering & Environmental Services (NJ)	**Sample ID:**	**26E0719-07**
Client Project:	101296962	**Date Received:**	05/14/2026
Client Sample ID:	BMS-7 Home Economics 96 Sprayer (Island entry door side)	**Collection Date/Time:**	5/14/26 5:28

Lab ID:	**26E0719-07**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Drinking Water
Prep Method:	Sample Prepared by Method: EPA 200.8	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Lead	ND		U	0.065	1.00	1	ug/L	EPA 200.8	5/21/26 14:03	5/21/26 17:41	JWT

Client:	Langan Engineering & Environmental Services (NJ)	**Sample ID:**	**26E0719-08**
Client Project:	101296962	**Date Received:**	05/14/2026
Client Sample ID:	BMS-8 Hallway at Room 100 Water Fountain	**Collection Date/Time:**	5/14/26 5:22

Lab ID:	**26E0719-08**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Drinking Water
Prep Method:	Sample Prepared by Method: EPA 200.8	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Lead	ND		U	0.065	1.00	1	ug/L	EPA 200.8	5/21/26 14:03	5/21/26 17:42	JWT

Client:	Langan Engineering & Environmental Services (NJ)	**Sample ID:**	**26E0719-09**
Client Project:	101296962	**Date Received:**	05/14/2026
Client Sample ID:	BMS-9 Hallway at Room 100 Bottle Filler	**Collection Date/Time:**	5/14/26 5:22

Lab ID:	**26E0719-09**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Drinking Water
Prep Method:	Sample Prepared by Method: EPA 200.8	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Lead	ND		U	0.065	1.00	1	ug/L	EPA 200.8	5/21/26 14:03	5/21/26 17:43	JWT

Client:	Langan Engineering & Environmental Services (NJ)	**Sample ID:**	**26E0719-10**
Client Project:	101296962	**Date Received:**	05/14/2026
Client Sample ID:	BMS-10 Hallway at Room 201 Water Fountain	**Collection Date/Time:**	5/14/26 5:24

Lab ID:	**26E0719-10**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Drinking Water
Prep Method:	Sample Prepared by Method: EPA 200.8	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Lead	ND		U	0.065	1.00	1	ug/L	EPA 200.8	5/21/26 14:03	5/21/26 17:45	JWT

Client:	Langan Engineering & Environmental Services (NJ)	**Sample ID:**	**26E0719-11**
Client Project:	101296962	**Date Received:**	05/14/2026
Client Sample ID:	BMS-11 Hallway at Room 201 Bottle Filler	**Collection Date/Time:**	5/14/26 5:24

Lab ID:	**26E0719-11**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Drinking Water
Prep Method:	Sample Prepared by Method: EPA 200.8	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Lead	ND		U	0.065	1.00	1	ug/L	EPA 200.8	5/21/26 14:03	5/21/26 17:46	JWT

Client:	Langan Engineering & Environmental Services (NJ)	**Sample ID:**	**26E0719-12**
Client Project:	101296962	**Date Received:**	05/14/2026
Client Sample ID:	BMS-12 Cafeteria 500 at Student Bathrooms Bottle Filler	**Collection Date/Time:**	5/14/26 5:30

Lab ID:	**26E0719-12**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Drinking Water
Prep Method:	Sample Prepared by Method: EPA 200.8	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Lead	ND		U	0.065	1.00	1	ug/L	EPA 200.8	5/21/26 14:19	5/21/26 17:55	JWT

Client:	Langan Engineering & Environmental Services (NJ)	**Sample ID:**	**26E0719-13**
Client Project:	101296962	**Date Received:**	05/14/2026
Client Sample ID:	BMS-13 Kitchen 501 3-Bay Dish Washing Sink (left faucet)	**Collection Date/Time:**	5/14/26 5:31

Lab ID:	**26E0719-13**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Drinking Water
Prep Method:	Sample Prepared by Method: EPA 200.8	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Lead	**1.94**			0.065	1.00	1	ug/L	EPA 200.8	5/21/26 14:19	5/21/26 17:58	JWT

Client:	Langan Engineering & Environmental Services (NJ)	**Sample ID:**	**26E0719-14**
Client Project:	101296962	**Date Received:**	05/14/2026
Client Sample ID:	BMS-14 Kitchen 501 3-Bay Dish Washing Sink (right faucet)	**Collection Date/Time:**	5/14/26 5:31

Lab ID:	**26E0719-14**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Drinking Water
Prep Method:	Sample Prepared by Method: EPA 200.8	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Lead	**3.02**			0.065	1.00	1	ug/L	EPA 200.8	5/21/26 14:19	5/21/26 17:59	JWT

Client:	Langan Engineering & Environmental Services (NJ)	**Sample ID:**	**26E0719-15**
Client Project:	101296962	**Date Received:**	05/14/2026
Client Sample ID:	BMS-15 Kitchen 501 3-Bay Dish Washing Sprayer	**Collection Date/Time:**	5/14/26 5:31

Lab ID:	**26E0719-15**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Drinking Water
Prep Method:	Sample Prepared by Method: EPA 200.8	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Lead	ND		U	0.065	1.00	1	ug/L	EPA 200.8	5/21/26 14:19	5/21/26 18:01	JWT

Client:	Langan Engineering & Environmental Services (NJ)	**Sample ID:**	**26E0719-16**
Client Project:	101296962	**Date Received:**	05/14/2026
Client Sample ID:	BMS-16 Kitchen 501 Pot Filler Spout (rear wall next to [illegible])	**Collection Date/Time:**	5/14/26 5:33

Lab ID:	**26E0719-16**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Drinking Water
Prep Method:	Sample Prepared by Method: EPA 200.8	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Lead	**5.09**	M-PbEX		0.065	1.00	1	ug/L	EPA 200.8	5/21/26 14:19	5/21/26 18:02	JWT

Client:	Langan Engineering & Environmental Services (NJ)	**Sample ID:**	**26E0719-17**
Client Project:	101296962	**Date Received:**	05/14/2026
Client Sample ID:	BMS-17 Kitchen 501 Island Food Prep Sink	**Collection Date/Time:**	5/14/26 5:33

Lab ID:	**26E0719-17**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Drinking Water
Prep Method:	Sample Prepared by Method: EPA 200.8	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Lead	**16.3**	M-PbEX		0.065	1.00	1	ug/L	EPA 200.8	5/21/26 14:19	5/21/26 18:06	JWT

Client:	Langan Engineering & Environmental Services (NJ)	**Sample ID:**	**26E0719-18**
Client Project:	101296962	**Date Received:**	05/14/2026
Client Sample ID:	BMS-18 Kitchen 501 2-Bay Sink Food Prep Sink (near [illegible])	**Collection Date/Time:**	5/14/26 5:35

Lab ID:	**26E0719-18**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Drinking Water
Prep Method:	Sample Prepared by Method: EPA 200.8	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Lead	**2.36**			0.065	1.00	1	ug/L	EPA 200.8	5/21/26 14:19	5/21/26 18:07	JWT

Client:	Langan Engineering & Environmental Services (NJ)	**Sample ID:**	**26E0719-19**
Client Project:	101296962	**Date Received:**	05/14/2026
Client Sample ID:	BMS-19 Kitchen 501 2-Bay Sink Food Prep Sprayer (near storage area)	**Collection Date/Time:**	5/14/26 5:35

Lab ID:	**26E0719-19**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Drinking Water
Prep Method:	Sample Prepared by Method: EPA 200.8	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Lead	**3.14**			0.065	1.00	1	ug/L	EPA 200.8	5/21/26 14:19	5/21/26 18:09	JWT

Client:	Langan Engineering & Environmental Services (NJ)	**Sample ID:**	**26E0719-20**
Client Project:	101296962	**Date Received:**	05/14/2026
Client Sample ID:	BMS-20 Kitchen 501 Ice Machine	**Collection Date/Time:**	5/14/26 5:35

Lab ID:	**26E0719-20**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Drinking Water
Prep Method:	Sample Prepared by Method: EPA 200.8	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Lead	ND		U	0.065	1.00	1	ug/L	EPA 200.8	5/21/26 14:19	5/21/26 18:10	JWT

Certified Analyses included in this Report

Analyte	CAS #	Certifications
EPA 200.8 in Drinking Water		
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

Analytical Batch Summary

Batch ID: BE61291	Preparation Method: EPA 200.8	Prepared By: JWT
Sample ID	**Client Sample ID**	**Preparation Date**
26E0719-01	BMS-1 Home Economics 96 Sink (rear wall l	05/21/26
26E0719-02	BMS-2 Home Economics 96 Sink (rear wall r	05/21/26
26E0719-03	BMS-3 Home Economics 96 Sprayer (rear w	05/21/26
26E0719-04	BMS-4 Home Economics 96 Sink (Island nea	05/21/26
26E0719-05	BMS-5 Home Economics 96 Sprayer (Island	05/21/26
26E0719-06	BMS-6 Home Economics 96 Sink (Island ent	05/21/26
26E0719-07	BMS-7 Home Economics 96 Sprayer (Island	05/21/26
26E0719-08	BMS-8 Hallway at Room 100 Water Fountair	05/21/26
26E0719-09	BMS-9 Hallway at Room 100 Bottle Filler	05/21/26
26E0719-10	BMS-10 Hallway at Room 201 Water Founta	05/21/26
26E0719-11	BMS-11 Hallway at Room 201 Bottle Filler	05/21/26
BE61291-BLK1	Blank	05/21/26
BE61291-BS1	LCS	05/21/26
BE61291-DUP1	Duplicate	05/21/26
BE61291-MS1	Matrix Spike	05/21/26

Batch ID: BE61293	Preparation Method: EPA 200.8	Prepared By: JWT
Sample ID	**Client Sample ID**	**Preparation Date**
26E0719-12	BMS-12 Cafeteria 500 at Student Bathrooms	05/21/26
26E0719-13	BMS-13 Kitchen 501 3-Bay Dish Washing Si	05/21/26
26E0719-14	BMS-14 Kitchen 501 3-Bay Dish Washing Si	05/21/26
26E0719-15	BMS-15 Kitchen 501 3-Bay Dish Washing Sp	05/21/26
26E0719-16	BMS-16 Kitchen 501 Pot Filler Spout (rear w	05/21/26
26E0719-17	BMS-17 Kitchen 501 Island Food Prep Sink	05/21/26
26E0719-18	BMS-18 Kitchen 501 2-Bay Sink Food Prep S	05/21/26
26E0719-19	BMS-19 Kitchen 501 2-Bay Sink Food Prep S	05/21/26
26E0719-20	BMS-20 Kitchen 501 Ice Machine	05/21/26
BE61293-BLK1	Blank	05/21/26
BE61293-BS1	LCS	05/21/26
BE61293-MS2	Matrix Spike	05/21/26

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 BE61291 - EPA 200.8											
Blank (BE61291-BLK1)								Prepared & Analyzed: 05/21/2026			
Lead	ND	1.00	ug/L								
LCS (BE61291-BS1)								Prepared & Analyzed: 05/21/2026			
Lead	51.3		ug/L	50.0		103	85-115				
Duplicate (BE61291-DUP1)	*Source sample: 26E0719-11 (BMS-11 Hallway at Room 201 Bottle Filler)							Prepared & Analyzed: 05/21/2026			
Lead	ND	1.00	ug/L		ND					20	
Matrix Spike (BE61291-MS1)	*Source sample: 26E0719-11 (BMS-11 Hallway at Room 201 Bottle Filler)							Prepared & Analyzed: 05/21/2026			
Lead	52.5		ug/L	50.0	0.033	105	75-125				
Batch BE61293 - EPA 200.8											
Blank (BE61293-BLK1)								Prepared & Analyzed: 05/21/2026			
Lead	ND	1.00	ug/L								
LCS (BE61293-BS1)								Prepared & Analyzed: 05/21/2026			
Lead	52.1		ug/L	50.0		104	85-115				
Matrix Spike (BE61293-MS2)	*Source sample: 26E0719-12 (BMS-12 Cafeteria 500 at Student Bathrooms Bottle Fi							Prepared & Analyzed: 05/21/2026			
Lead	51.6		ug/L	50.0	0.029	103	75-125				

Sample and Data Qualifiers Relating to This Work Order

/\	Analyte is not certified but the state of sample origination offer certification for the Analyte
M-PbEX	Lead result exceeds regulatory limit

CLP Flags

B	Blank Contamination. The analyte was also detected in the method blank.
D	Diluted sample result. The sample was diluted before analysis.
E	Exceeds Calibration range. Result is above the instruments' linear calibration range.
H	Holding time exceeded. The sample was anlayzed after the recommended/required holding time.
J	Estimated Value. Result is above the Method Detection Limit (MDL) but below the Reporting Limit (RL).
N	Tentatively Identified Compound (TIC). The compound is presumptively identified but not confirmed with a standard.
P	Poor Precision / duplicate variance. Indicates poor agreement between duplicates (e.g. matrix spike duplicates or lab duplicates).
U	Not Detected. Analyte not detected above laboratory's established reporting limit.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, ALS reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

LANGAN

CHAIN OF CUSTODY RECORD / ANALYSIS REQUEST

1 OF 2

300 Kimball Drive
Parsippany, NJ 07054
Phone: 973-560-4900
Fax: 973-560-4901

26E0719

Project Name:	Briarcliff Manor UFSD - Briarcliff Middle School		
Address:	444 Pleasantville Road	Auth. By:	Craig Napolitano
	Briarcliff Manor, NY 10510	Phone No:	646-210-6500
Langan Job No.:	101296962	Sampling Date:	05/14/2026
Sampled By/License #:	Drew Cheskin		

Lab ID #	Sample ID	Description of Sample		Volume	Date/Time Sampled	Analysis Requested for Lead (EPA 200.8)
	BMS-1	Home Economics 96	Sink (rear wall, left)	250 mL	05/14/2026 5:27	X
	BMS-2	Home Economics 96	Sink (rear wall, right)	250 mL	05/14/2026 5:27	X
	BMS-3	Home Economics 96	Sprayer (rear wall, right)	250 mL	05/14/2026 5:27	X
	BMS-4	Home Economics 96	Sink (Island, near rear wall)	250 mL	05/14/2026 5:28	X
	BMS-5	Home Economics 96	Sprayer (Island, near rear wall)	250 mL	05/14/2026 5:28	X
	BMS-6	Home Economics 96	Sink (Island, entry door side)	250 mL	05/14/2026 5:28	X
	BMS-7	Home Economics 96	Sprayer (Island, entry door side)	250 mL	05/14/2026 5:28	X
	BMS-8	Hallway @ Room 100	Water Fountain	250 mL	05/14/2026 5:22	X
	BMS-9	Hallway @ Room 100	Bottle Filler	250 mL	05/14/2026 5:22	X
	BMS-10	Hallway @ Room 201	Water Fountain	250 mL	05/14/2026 5:24	X
	BMS-11	Hallway @ Room 201	Bottle Filler	250 mL	05/14/2026 5:24	X
	BMS-12	Cafeteria 500 @ Student Bathrooms	Bottle Filler	250 mL	05/14/2026 5:30	X
	BMS-13	Kitchen 501 3-Bay Dish Washing	Sink (left faucet)	250 mL	05/14/2026 5:31	X
	BMS-14	Kitchen 501 3-Bay Dish Washing	Sink (right faucet)	250 mL	05/14/2026 5:31	X
	BMS-15	Kitchen 501 3-Bay Dish Washing	Sprayer	250 mL	05/14/2026 5:31	X
	BMS-16	Kitchen 501 Pot Filler	Spout (rear wall, next to hand wash)	250 mL	05/14/2026 5:33	X
	BMS-17	Kitchen 501 Island Food Prep	Sink	250 mL	05/14/2026 5:33	X

Total No. of Samples: 20

Turnaround Request:	6 day	48 hours	72 hours
	x		

Please email results to dcheskin@langan.com; bfeury@langan.com and cnapolitano@langan.com

Laboratory Instructions:

Relinquished By: Drew Cheskin	Date: 5/14/26	Time: 8:05	
Received By: TC Mitchell	Date: 5/14/26	Time: 0805 10.3/10.1°C IR 004	
Company: LANGAN			
Laboratory Name: ALS Environemental			

LANGAN

CHAIN OF CUSTODY RECORD / ANALYSIS REQUEST

2 OF 2

300 Kimball Drive
Parsippany, NJ 07054
Phone: 973-560-4900
Fax: 973-560-4901

26E0719

Project Name:	Briarcliff Manor UFSD - Briarcliff Middle School		
Address:	444 Pleasantville Road	Auth. By:	Craig Napolitano
	Briarcliff Manor, NY 10510	Phone No:	646-210-6500
Langan Job No.:	101296962	Sampling Date:	05/14/2026
Sampled By/License #:	Drew Cheskin		

Lab ID #	Sample ID	Description of Sample		Volume	Date/Time Sampled	Analysis Requested for Lead (EPA 200.8)
	BMS-18	Kitchen 501 2-Bay Sink Food Prep	Sink (near storage area)	250 mL	05/14/2026 5:35	X
	BMS-19	Kitchen 501 2-Bay Sink Food Prep	Sprayer (near storage area)	250 mL	05/14/2026 5:35	X
	BMS-20	Kitchen 501	Ice Machine	250 mL	05/14/2026 5:35	X

Total No. of Samples: 20

Turnaround Request:	6 day	48 hours	72 hours
	x		

Please email results to dcheskin@langan.com; bfeury@langan.com and cnapolitano@langan.com

Laboratory Instructions:

Relinquished By: Drew Cheskin	Date: 5/14/26	Time: 8:05	
Received By: TC Mahler	Date: 5/14/26	Time: 0805	10.3/10.1 °C IR 004
Company: LANGAN			
Laboratory Name: ALS Environemental			

Technical Report

prepared for:

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Brian Feury

Report Date: 06/15/2026
Client Project ID: 101296962
Project (SDG) No.: 26F0557

Report Date: 06/15/2026
Client Project ID: 101296962
Project (SDG) No.: 26F0557

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Brian Feury

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on June 10, 2026 and listed below. The project was identified as your project: **101296962**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
26F0557-01	BMS-17R Kitchen 501 Island Food Prep Sink	Drinking Water	06/10/2026	06/10/2026

General Notes for Project (SDG) No.: 26F0557

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 L Mosher

Cassie Mosher
Laboratory Manager - Stratford

Date: 06/15/2026

Positive Hits Included in This Report

Excludes Subcontracted Analysis

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Units	Specific Method	Analyzed
26F0557-01 - BMS-17R Kitchen 501 Island Food Prep Sink								
Lead	2.82			0.065	1.00	ug/L	EPA 200.8	06/12/26 14:15

Client:	Langan Engineering & Environmental Services (NJ)	**Sample ID:**	**26F0557-01**
Client Project:	101296962	**Date Received:**	06/10/2026
Client Sample ID:	BMS-17R Kitchen 501 Island Food Prep Sink	**Collection Date/Time:**	6/10/26 5:58

Lab ID:	**26F0557-01**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Drinking Water
Prep Method:	Sample Prepared by Method: EPA 200.8	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Lead	**2.82**			0.065	1.00	1	ug/L	EPA 200.8	6/12/26 11:44	6/12/26 14:15	STW

Certified Analyses included in this Report

Analyte	CAS #	Certifications
EPA 200.8 in Drinking Water		
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

Analytical Batch Summary

Batch ID: BF60806	**Preparation Method:** EPA 200.8	**Prepared By:** STW
Sample ID	**Client Sample ID**	**Preparation Date**
26F0557-01	BMS-17R Kitchen 501 Island Food Prep Sin	06/12/26
BF60806-BLK1	Blank	06/12/26
BF60806-BS1	LCS	06/12/26

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 BF60806 - EPA 200.8											
Blank (BF60806-BLK1)								Prepared & Analyzed: 06/12/2026			
Lead	ND	1.00	ug/L								
LCS (BF60806-BS1)								Prepared & Analyzed: 06/12/2026			
Lead	50.0		ug/L	50.0		99.9	85-115				

Sample and Data Qualifiers Relating to This Work Order

/\	Analyte is not certified but the state of sample origination offer certification for the Analyte

CLP Flags

B	Blank Contamination. The analyte was also detected in the method blank.
D	Diluted sample result. The sample was diluted before analysis.
E	Exceeds Calibration range. Result is above the instruments' linear calibration range.
H	Holding time exceeded. The sample was anlayzed after the recommended/required holding time.
J	Estimated Value. Result is above the Method Detection Limit (MDL) but below the Reporting Limit (RL).
N	Tentatively Identified Compound (TIC). The compound is presumptively identified but not confirmed with a standard.
P	Poor Precision / duplicate variance. Indicates poor agreement between duplicates (e.g. matrix spike duplicates or lab duplicates).
U	Not Detected. Analyte not detected above laboratory's established reporting limit.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, ALS reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

LANGAN

CHAIN OF CUSTODY RECORD / ANALYSIS REQUEST

1 OF 1

26F0557

300 Kimball Drive
Parsippany, NJ 07054
Phone: 973-560-4900
Fax: 973-560-4901

Project Name:	Briarcliff Manor UFSD - Briarcliff Middle School		
Address:	444 Pleasantville Road	Auth. By:	Craig Napolitano
	Briarcliff Manor, NY 10510	Phone No:	646-210-6500
Langan Job No.:	101296962	Sampling Date:	06/10/2026
Sampled By/License #:	Drew Cheskin		

Lab ID #	Sample ID	Description of Sample		Volume	Date/Time Sampled	Analysis Requested for Lead (EPA 200.8)
	BMS-17R	Kitchen 501 Island Food Prep	Sink	250 mL	06/10/2026 5:58am	X

	6 day	48 hours	72 hours
Turnaround Request:	x		

Total No. of Samples: 1

Please email results to dcheskin@langan.com; bfeury@langan.com and cnapolitano@langan.com

Laboratory Instructions:

Relinquished By: Drew Cheskin	Date: 6/10/26	Time: 8:15am	
Received By: [signature]	Date: 6/10/26	Time: 0815	
Company: LANGAN		24.6/24.4°C	
Laboratory Name: ALS Environemental		IR 004	

Technical Report

prepared for:

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Brian Feury

Report Date: 09/18/2026
Client Project ID: 190150516
Project (SDG) No.: 26I0629

Revision No. 1.0

Report Date: 09/18/2026
Client Project ID: 190150516
Project (SDG) No.: 26I0629

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Brian Feury

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on September 11, 2026 and listed below. The project was identified as your project: **190150516**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
26I0629-01	BMS-21 Hallway at Room 302 Water Fountain	Drinking Water	09/11/2026	09/11/2026
26I0629-02	BMS-22 Hallway at Room 302 Bottle Filler	Drinking Water	09/11/2026	09/11/2026

General Notes for Project (SDG) No.: 26I0629

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: Scott Hall

Scott Hall
Laboratory Manager - Stratford

Date: 09/18/2026

Positive Hits Included in This Report

Excludes Subcontracted Analysis

No positive hits found

Client:	Langan Engineering & Environmental Services (NJ)	**Sample ID:**	**26I0629-01**
Client Project:	190150516	**Date Received:**	09/11/2026
Client Sample ID:	BMS-21 Hallway at Room 302 Water Fountain	**Collection Date/Time:**	9/11/26 6:35

Lab ID:	**26I0629-01**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Drinking Water
Prep Method:	Sample Prepared by Method: EPA 200.8	**Sample Notes:**	
Log-in Notes:	PRES		

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Lead	ND		U	0.053	1.00	1	ug/L	EPA 200.8	9/16/26 11:37	9/16/26 15:58	NASTR User

Client:	Langan Engineering & Environmental Services (NJ)	**Sample ID:**	**26I0629-02**
Client Project:	190150516	**Date Received:**	09/11/2026
Client Sample ID:	BMS-22 Hallway at Room 302 Bottle Filler	**Collection Date/Time:**	9/11/26 6:35

Lab ID:	**26I0629-02**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Drinking Water
Prep Method:	Sample Prepared by Method: EPA 200.8	**Sample Notes:**	
Log-in Notes:	PRES		

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Lead	ND		U	0.053	1.00	1	ug/L	EPA 200.8	9/16/26 11:37	9/16/26 16:00	NASTR User

Certified Analyses included in this Report

Analyte	CAS #	Certifications
EPA 200.8 in Drinking Water		
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

Analytical Batch Summary

Batch ID: BI60836	**Preparation Method:** EPA 200.8	**Prepared By:** CG2
Sample ID	**Client Sample ID**	**Preparation Date**
26I0629-01	BMS-21 Hallway at Room 302 Water Founta	09/16/26
26I0629-02	BMS-22 Hallway at Room 302 Bottle Filler	09/16/26
BI60836-BLK1	Blank	09/16/26
BI60836-BS1	LCS	09/16/26

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 BI60836 - EPA 200.8											
Blank (BI60836-BLK1)								Prepared & Analyzed: 09/16/2026			
Lead	ND	1.00	ug/L								
LCS (BI60836-BS1)								Prepared & Analyzed: 09/16/2026			
Lead	50.5		ug/L	50.0		101	85-115				

Sample and Data Qualifiers Relating to This Work Order

/\	Analyte is not certified but the state of sample origination offer certification for the Analyte
AutoR	Reactivity results based on former SW-846 Chapter 7 interim guidance methods. EPA withdrew this guidance and it is no longer approved for determining RCRA reactivity. Result is for information only
PRES	Sample was received with no preservative and was preserved upon receipt at the laboratory. If for metals, the sample was allowed to sit for 18-24 hours before analysis.

CLP Flags

B	Blank Contamination. The analyte was also detected in the method blank.
D	Diluted sample result. The sample was diluted before analysis.
E	Exceeds Calibration range. Result is above the instruments' linear calibration range.
H	Holding time exceeded. The sample was anlayzed after the recommended/required holding time.
J	Estimated Value. Result is above the Method Detection Limit (MDL) but below the Reporting Limit (RL).
N	Tentatively Identified Compound (TIC). The compound is presumptively identified but not confirmed with a standard.
P	Poor Precision / duplicate variance. Indicates poor agreement between duplicates (e.g. matrix spike duplicates or lab duplicates).
U	Not Detected. Analyte not detected above laboratory's established reporting limit.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
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NR	Not reported
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If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, ALS reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Revision Description: This report has been revised to update sample IDs.

LANGAN

CHAIN OF CUSTODY RECORD / ANALYSIS REQUEST

1 OF 1

300 Kimball Drive
Parsippany, NJ 07054
Phone: 973-560-4900
Fax: 973-560-4901

2610629

Langan Engineering & Environmental Services (NJ)

Project Name:	Briarcliff Manor UFSD - Briarcliff Middle School		
Address:	444 Pleasantville Road Briarcliff Manor, NY 10510	Auth. By:	Craig Napolitano
		Phone No:	646-210-6500
Langan Job No.:	190150516	Sampling Date:	09/11/2026
Sampled By/License #:	Drew Cheskin		

Lab ID #	Sample ID	Description of Sample		Volume	Date/Time Sampled	Analysis Requested for Lead (EPA 200.8)
	BMS-21	Hallway @ Room 302	Water Fountain	250 mL	09/11/2026 6:35A	X
	BMS-22	Hallway @ Room 302	Bottle Filler	250 mL	09/11/2026 6:35A	X

Total No. of Samples: 2

Turnaround Request:	6 day	48 hours	72 hours
	x		

Please email results to dcheskin@langan.com; bfeury@langan.com and cnapolitano@langan.com

Laboratory Instructions:

Relinquished By: Drew Cheskin	Date: 9/11/26	Time: 8:13AM
Received By: Scott Hall Scott Hall	Date: 9/11/26	Time: 8:13
Company: LANGAN		
Laboratory Name: ALS Environemental		

IR 004 18.4/18.36°C

APPENDIX B

Certifications and Accreditations

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER

Expires 12:01 AM April 01, 2027
Issued April 01, 2026

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MR. SCOTT HALL
ALS ENVIRONMENTAL - STRATFORD
120 RESEARCH DRIVE
STRATFORD, CT 06615

NY Lab Id No: 10854

is hereby APPROVED as an Environmental Laboratory in conformance with the National Environmental Laboratory Accreditation Conference Standards (2016) for the category ENVIRONMENTAL ANALYSES POTABLE WATER
All approved analytes are listed below:

Fuel Additives

Methyl tert-butyl ether	EPA 524.2
Naphthalene	EPA 524.2

Metals I

Arsenic, Total	EPA 200.8 Rev. 5.4
Barium, Total	EPA 200.7 Rev. 4.4
	EPA 200.8 Rev. 5.4
Cadmium, Total	EPA 200.7 Rev. 4.4
	EPA 200.8 Rev. 5.4
Chromium, Total	EPA 200.7 Rev. 4.4
	EPA 200.8 Rev. 5.4
Copper, Total	EPA 200.7 Rev. 4.4
	EPA 200.8 Rev. 5.4
Iron, Total	EPA 200.7 Rev. 4.4
Lead, Total	EPA 200.8 Rev. 5.4
Manganese, Total	EPA 200.7 Rev. 4.4
	EPA 200.8 Rev. 5.4
Mercury, Total	EPA 245.1 Rev. 3.0
Selenium, Total	EPA 200.8 Rev. 5.4
Silver, Total	EPA 200.7 Rev. 4.4
	EPA 200.8 Rev. 5.4
Zinc, Total	EPA 200.7 Rev. 4.4

Metals II

Aluminum, Total	EPA 200.7 Rev. 4.4
	EPA 200.8 Rev. 5.4
Antimony, Total	EPA 200.8 Rev. 5.4
Beryllium, Total	EPA 200.7 Rev. 4.4

Serial No.: 71952

Property of the New York State Department of Health. Certificates are valid only at the address shown and must be conspicuously posted by the laboratory. Continued accreditation depends on the laboratory's successful ongoing participation in the Program. Consumers may verify a laboratory's accreditation status online at https://apps.health.ny.gov/pubdoh/applinks/wc/elappublicweb/, by phone (518) 485-5570 or by email to elap@health.ny.gov.

APPENDIX C

Applicable Outlet Inventory &

Water Sample Location Drawings

LANGAN

Space #	Sample #	Sample Location	Fixture Type	App or N/A	Latest 1st Draw Results (ppb)	Latest 1st Draw Sampling Date	Remarks
--	--	Janitor's Closet 63	SS	N/A	--	--	Slop sink
--	--	Girl's Room 64	Sink	N/A	--	--	Left
--	--	Girl's Room 64	Sink	N/A	--	--	Middle
--	--	Girl's Room 64	Sink	N/A	--	--	Right
--	--	Girl's Room 64	HB	N/A	--	--	Hose bib
--	--	Boy's Room 65	Sink	N/A	--	--	Left
--	--	Boy's Room 65	Sink	N/A	--	--	Middle
--	--	Boy's Room 65	Sink	N/A	--	--	Right
--	--	Boy's Room 65	HB	N/A	--	--	Hose bib
--	--	Faculty Restroom 66	Sink	N/A	--	--	
--	--	Hallway @ Faculty Restroom 66	WF	N/A	--	--	Turned off
--	--	Faculty Restroom 67	Sink	N/A	--	--	
--	--	Faculty Room 91	Sink	N/A	--	--	
--	--	Art Room 93	Sink	N/A	--	--	Left
--	--	Art Room 93	Sink	N/A	--	--	Right
--	--	Art Room 94	Sink	N/A	--	--	Left
--	--	Art Room 94	Sink	N/A	--	--	Right
--	BMS-1	Home Economics 96	Sink	App	1.64	5/14/2026	Rear wall, left
--	BMS-2	Home Economics 96	Sink	App	ND	5/14/2026	Rear wall, right

Space #	Sample #	Sample Location	Fixture Type	App or N/A	Latest 1st Draw Results (ppb)	Latest 1st Draw Sampling Date	Remarks
--	BMS-3	Home Economics 96	Sprayer	App	ND	5/14/2026	Rear wall, right
--	BMS-4	Home Economics 96	Sink	App	ND	5/14/2026	Island, rear wall side
--	BMS-5	Home Economics 96	Sprayer	App	ND	5/14/2026	Island, rear wall side
--	BMS-6	Home Economics 96	Sink	App	ND	5/14/2026	Island, entry door side
--	BMS-7	Home Economics 96	Sprayer	App	ND	5/14/2026	Island, entry door side
--	--	Nurse's Office 97B	Sink	N/A	--	--	
--	--	Nurse's Office Bathroom 97C	Sink	N/A	--	--	
--	--	Nurse's Office Bathroom 97D	Sink	N/A	--	--	
--	--	Library Office 99	Sink	N/A	--	--	
--	BMS-8	Hallway @ Room 100	WF	App	ND	5/14/2026	
--	BMS-9	Hallway @ Room 100	BF	App	ND	5/14/2026	
--	--	Science Room 105	Sink	N/A	--	--	Sink one
--	--	Science Room 105	Sink	N/A	--	--	Sink two
--	--	Science Room 105	Sink	N/A	--	--	Sink three
--	--	Science Room 105	Sink	N/A	--	--	Sink four
--	--	Science Room 105	Sink	N/A	--	--	Sink five
--	--	Science Room 105	Sink	N/A	--	--	Sink six
--	--	Science Room 105	Sink	N/A	--	--	Sink seven
--	--	Science Rooms 105/106 Prep Room (113)	Sink	N/A	--	--	

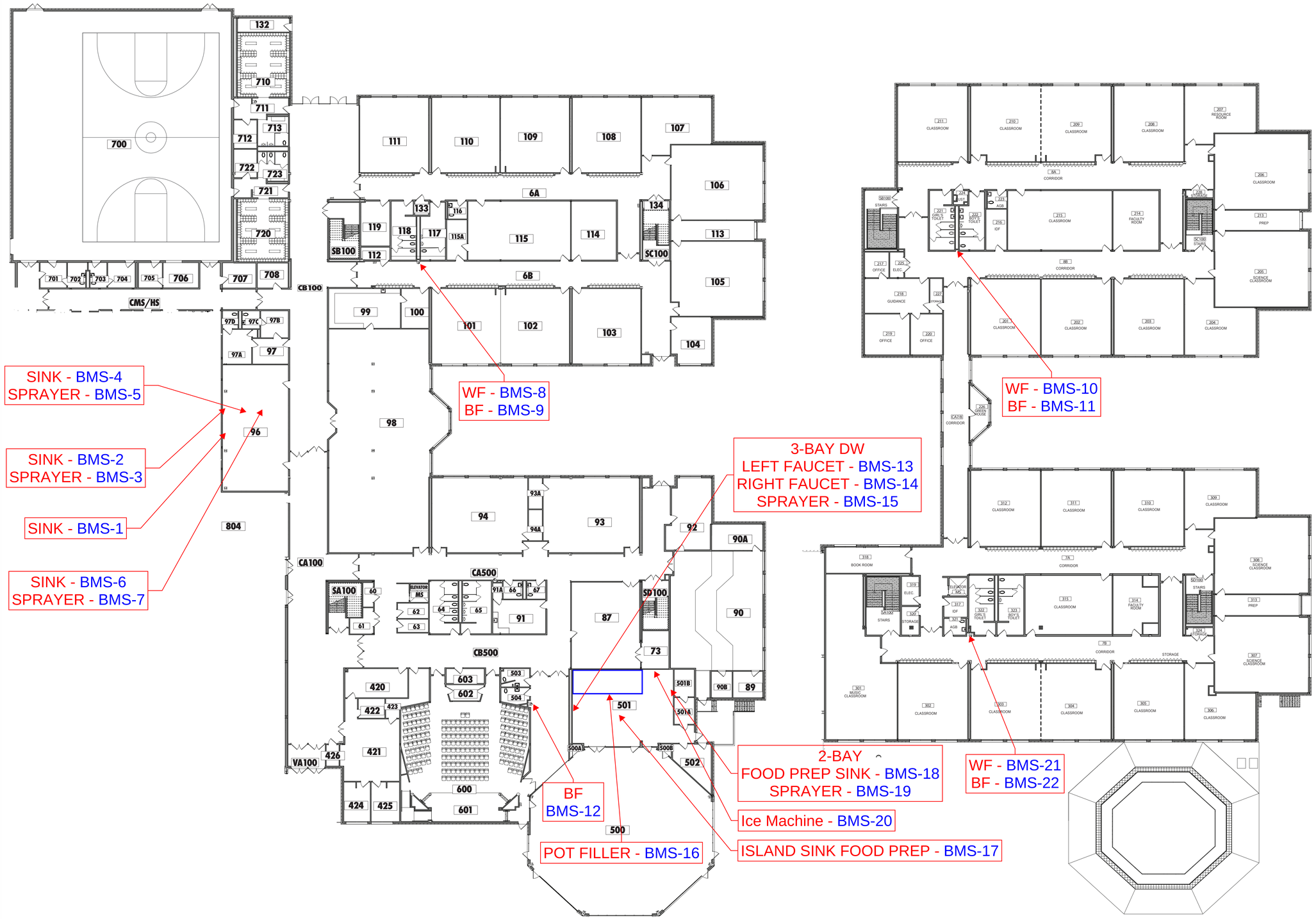
Space #	Sample #	Sample Location	Fixture Type	App or N/A	Latest 1st Draw Results (ppb)	Latest 1st Draw Sampling Date	Remarks
--	--	Science Room 106	Sink	N/A	--	--	Sink one
--	--	Science Room 106	Sink	N/A	--	--	Sink two
--	--	Science Room 106	Sink	N/A	--	--	Sink three
--	--	Science Room 106	Sink	N/A	--	--	Sink four
--	--	Science Room 106	Sink	N/A	--	--	Sink five
--	--	Science Room 106	Sink	N/A	--	--	Sink six
--	--	Science Room 106	Sink	N/A	--	--	Sink seven
--	--	Faculty Restroom 116	Sink	N/A	--	--	
--	--	Boy's Room 117	Sink	N/A	--	--	Left
--	--	Boy's Room 117	Sink	N/A	--	--	Middle
--	--	Boy's Room 117	Sink	N/A	--	--	Right
--	--	Boy's Room 117	HB	N/A	--	--	Hose bib
--	--	Girl's Room 118	Sink	N/A	--	--	Left
--	--	Girl's Room 118	Sink	N/A	--	--	Middle
--	--	Girl's Room 118	Sink	N/A	--	--	Right
--	--	Girl's Room 118	HB	N/A	--	--	Hose bib
--	--	Janitor's Closet 133	SS	N/A	--	--	Slop sink
--	BMS-10	Hallway @ Room 201	WF	App	ND	5/14/2026	
--	BMS-11	Hallway @ Room 201	BF	App	ND	5/14/2026	

Space #	Sample #	Sample Location	Fixture Type	App or N/A	Latest 1st Draw Results (ppb)	Latest 1st Draw Sampling Date	Remarks
--	--	Science Room 205	Sink	N/A	--	--	Sink one
--	--	Science Room 205	Sink	N/A	--	--	Sink two
--	--	Science Room 205	Sink	N/A	--	--	Sink three
--	--	Science Room 205	Sink	N/A	--	--	Sink four
--	--	Science Room 205	Sink	N/A	--	--	Sink five
--	--	Science Rooms 205/206 Prep Room (213)	Sink	N/A	--	--	
--	--	Science Rooms 205/206 Prep Room (213)	Sink	N/A	--	--	
--	--	Science Room 206	Sink	N/A	--	--	Sink one
--	--	Science Room 206	Sink	N/A	--	--	Sink two
--	--	Science Room 206	Sink	N/A	--	--	Sink three
--	--	Science Room 206	Sink	N/A	--	--	Sink four
--	--	Science Room 206	Sink	N/A	--	--	Sink five
--	--	Girl's Room 221	Sink	N/A	--	--	Left
--	--	Girl's Room 221	Sink	N/A	--	--	Middle
--	--	Girl's Room 221	Sink	N/A	--	--	Right
--	--	Girl's Room 221	HB	N/A	--	--	Hose bib
--	--	Boy's Room 222	Sink	N/A	--	--	Left
--	--	Boy's Room 222	Sink	N/A	--	--	Middle
--	--	Boy's Room 222	Sink	N/A	--	--	Right

Space #	Sample #	Sample Location	Fixture Type	App or N/A	Latest 1st Draw Results (ppb)	Latest 1st Draw Sampling Date	Remarks
--	--	Boy's Room 222	HB	N/A	--	--	Hose bib
--	--	Faculty Restroom 223	Sink	N/A	--	--	
--	--	Janitor's Closet 224	SS	N/A	--	--	Slop sink
--	--	Greenhouse 226	Sink	N/A	--	--	
--	BMS-21	Hallway @ Room 302	WF	App	ND	9/11/2026	Installed over summer
--	BMS-22	Hallway @ Room 302	BF	App	ND	9/11/2026	Installed over summer
--	--	Science Room 307	Sink	N/A	--	--	Sink one
--	--	Science Room 307	Sink	N/A	--	--	Sink two
--	--	Science Room 307	Sink	N/A	--	--	Sink three
--	--	Science Room 307	Sink	N/A	--	--	Sink four
--	--	Science Room 307	Sink	N/A	--	--	Sink five
--	--	Science Rooms 307/308 Prep Room (313)	Sink	N/A	--	--	
--	--	Science Rooms 307/308 Prep Room (313)	Sink	N/A	--	--	
--	--	Science Room 308	Sink	N/A	--	--	Sink one
--	--	Science Room 308	Sink	N/A	--	--	Sink two
--	--	Science Room 308	Sink	N/A	--	--	Sink three
--	--	Science Room 308	Sink	N/A	--	--	Sink four
--	--	Science Room 308	Sink	N/A	--	--	Sink five
--	--	Faculty Restroom 321	Sink	N/A	--	--	

Space #	Sample #	Sample Location	Fixture Type	App or N/A	Latest 1st Draw Results (ppb)	Latest 1st Draw Sampling Date	Remarks
--	--	Hallway @ Faculty Restroom 321	WF	N/A	--	--	Turned off
--	--	Girl's Room 322	Sink	N/A	--	--	Left
--	--	Girl's Room 322	Sink	N/A	--	--	Middle
--	--	Girl's Room 322	Sink	N/A	--	--	Right
--	--	Girl's Room 322	HB	N/A	--	--	Hose bib
--	--	Boy's Room 323	Sink	N/A	--	--	Left
--	--	Boy's Room 323	Sink	N/A	--	--	Middle
--	--	Boy's Room 323	Sink	N/A	--	--	Right
--	--	Boy's Room 323	HB	N/A	--	--	Hose bib
--	BMS-12	Cafeteria 500 @ Student Bathrooms	BF	App	ND	5/14/2026	
--	BMS-13	Kitchen 501 3-Bay Dish Washing	Sink	App	1.94	5/14/2026	Left faucet
--	BMS-14	Kitchen 501 3-Bay Dish Washing	Sink	App	3.02	5/14/2026	Right faucet
--	BMS-15	Kitchen 501 3-Bay Dish Washing	SPY	App	ND	5/14/2026	Sprayer
--	--	Kitchen 501 Hand Wash	Sink	N/A	--	--	
--	**BMS-16**	**Kitchen 501 Pot Filler**	**Spout**	**App**	**5.09**	**5/14/2026**	**Rear wall, next to hand wash. Equipment permanently removed.**
--	**BMS-17**	**Kitchen 501 Island Food Prep**	**Sink**	**App**	**16.3**	**5/14/2026**	**Point of use filtration system installed, water source retested.**
--	BMS-17R	Kitchen 501 Island Food Prep	Sink	App	2.82	6/10/2026	Water source may be used without restriction
--	--	Kitchen 501 Hand Wash	Sink	N/A	--	--	Near storage area
--	BMS-18	Kitchen 501 2-Bay Sink Food Prep	Sink	App	2.36	5/14/2026	Near storage area

Space #	Sample #	Sample Location	Fixture Type	App or N/A	Latest 1st Draw Results (ppb)	Latest 1st Draw Sampling Date	Remarks
--	BMS-19	Kitchen 501 2-Bay Sink Food Prep	Sprayer	App	3.14	5/14/2026	Near storage area
--	BMS-20	Kitchen 501	IM	App	ND	5/14/2026	Ice Machine
--	--	Student Bathroom 503	Sink	N/A	--	--	
--	--	Student Bathroom 504	Sink	N/A	--	--	
--	--	PE Office Bathroom 702	Sink	N/A	--	--	
--	--	PE Office Bathroom 703	Sink	N/A	--	--	
--	--	Boy's Locker Room Hallway 711	WF	N/A	--	--	Turned off
--	--	Boy's Locker Room Bathroom 713	Sink	N/A	--	--	Left
--	--	Boy's Locker Room Bathroom 713	Sink	N/A	--	--	Middle
--	--	Boy's Locker Room Bathroom 713	Sink	N/A	--	--	Right
--	--	Boy's Locker Room Bathroom 713	HB	N/A	--	--	Hose Bib
--	--	Girl's Locker Room Hallway 721	WF	N/A	--	--	Turned off
--	--	Girl's Locker Room Bathroom 723	Sink	N/A	--	--	Left
--	--	Girl's Locker Room Bathroom 723	Sink	N/A	--	--	Middle
--	--	Girl's Locker Room Bathroom 723	Sink	N/A	--	--	Right
--	--	Girl's Locker Room Bathroom 723	HB	N/A	--	--	Hose Bib



BRIARCLIFF MANOR UNION FREE SCHOOL DISTRICT

45 INGHAM ROAD
BRIARCLIFF MANOR, NY 10510

LANGAN

1 North Broadway, Suite 910
White Plains, NY 10601

TEL. 914.323.7400

www.langan.com

No.	Date	Issue

Sheet Title

BRIARCLIFF MANOR UFSD
MIDDLE SCHOOL
444 PLEASANTVILLE ROAD
BRIARCLIFF MANOR, NY 10510

Job No. 101296962

Date: 04/30/2026

Drawn by: D. Cheskin

Checked by: C. Napolitano

Sheet No.

FIRST & SECOND FLOOR

1 of 1

APPENDIX D

NYS DOH Lead Testing in School Drinking Water Program Review and Updates: 2026-2028

LANGAN

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LEAD TESTING IN SCHOOL DRINKING WATER

10 NYCRR SUBPART 67-4

PROGRAM REVIEW AND UPDATES: 2026-2028

LEAD IN SCHOOL DRINKING WATER TEAM

3/18/2026

AGENDA

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

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2026-2028 PROGRAM UPDATES

Lead testing in school drinking water program updates went into effect January 1, 2026 and include:

Charter Schools

- Charter schools are now required to follow Subpart 67-4 regulations
  - Previously only public schools and BOCES

Sampling

- Initial sampling must be complete by October 31, 2028
  - Previously December 21

Reporting

- Schools must now report to the Department's online reporting application Survey Management and Response Tool (SMART) located on the Health Commerce System
  - Previously reported on the Health Electronic Response Data System (HERDS) application

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LEAD IN SCHOOL DRINKING WATER SAMPLING

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Compliance Period
2026-2028

Schools must complete *initial first-draw* sampling for the 2026-2028 Compliance Period between:

January 1, 2026 – October 31, 2028

You should conduct sampling no more than 3 years from when sampling was completed during the 2023-2025 compliance period

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SAMPLING LOCATIONS: APPLICABLE

"Applicable" outlets requiring sampling may be located anywhere on school property if the outlet may be used for drinking or cooking (including food preparation)

"Applicable" outlets may include:

- Bubblers/drinking fountains
- Classroom sinks*
- Kitchen sinks
- Kitchen kettle filler outlets
- Ice machines
- Hose bibs/outdoor outlets
- Family and consumer science sinks
- Teacher's lounge sink
- Nurse's office sink
- Athletic field outlets
- Any other sink known to be or potentially used for consumption

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SAMPLING LOCATIONS: NON-APPLICABLE

"Non-applicable" outlets are outlets that the Superintendent or other designated school official have deemed will not be used for drinking and cooking. As such, these outlets must have prevention measures in place, such as a combination of signage, supervision, education, and/or engineering controls.

“Non-Applicable” outlets do not require sampling under Subpart 67-4.

Schools must document non-applicable outlets on their remedial action plan.

“Non-Applicable” outlets may include:

- Science lab sinks
- Locker room showers
- Janitor’s closets
- Hot/tempered outlets
- Classroom sinks*
- Exterior hoses
- Dishwashing sinks/sprayers
- Art room sinks

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SAMPLING PLAN

Prior to sampling, schools should create a detailed sampling plan identifying all applicable and non-applicable outlets within the building

To develop a sampling plan a school should:

- Review records from past compliance periods
- Conduct a walkthrough of the building and create an inventory of all outlets. Consider creating a map or diagram of the building and record all outlet locations
- Document whether outlets have mixed valves, filters, aerators, or other notable features
- Determine if each outlet is ‘Applicable’ or ‘Non-Applicable’ for testing
  - Any outlet that is deemed ‘Non-Applicable’ should be addressed immediately with prevention controls, such as signage/education/supervision, engineering controls, etc.
- Understand how water flows through the building. Note the areas of the building that receive water first and which areas receive water last
- Plan the order applicable outlets will be tested, with those that receive water first also being tested first.
- Determine if the building has a lead service line. Note the location of any water tanks and any information about them

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Lead in Drinking Water Sampling Plan Example

School Building Name	New York State Department of Health Test School							
Date Last Updated	4/8/2025			**Does the building have a lead service line?**	No			
School Outlet ID (Should match Remedial Action Plan)	**Outlet Location**	**Outlet Description**	**Outlet Notable Features (mixing valves, aerators, filters, etc.)**	**Is the outlet applicable for testing (is used, or may be used, for drinking, cooking, and/or food washing)? (If the outlet is 'non-applicable', ensure signage/engineering controls/education are in place, skip columns F – H, and report the outlet as such on the remedial action plan)**	**Sampling Order**	**Date and Time Last Operated Before Sampling**	**Date and Time of Sampling**	**Additional Notes**
FT001	Outside of room 234	Water Fountain	Aerator	Yes	4	04/01/2025 6:02pm	04/02/2025 5:14am	
BFFT002	Outside of room 135	Bottle Filler	Filter	Yes	2	04/01/2025 5:48pm	04/02/2025 5:05am	
BFFT003	Outside of room 135	Water Fountain	Aerator	Yes	1	04/01/2025 5:49pm	04/02/2025 5:03am	
FT004	Gymnasium	Water Fountain	Aerator	Yes	5	04/01/2025 5:40pm	04/02/2025 5:22am	
FT005	Library	Water Fountain	Aerator	Yes	6	04/01/2025 6:20pm	04/02/2025 5:24am	
SK001	Staff Breakroom	Breakroom Sink	Aerator	Yes	3	04/01/2025 6:12pm	04/02/2025 5:10am	
SK002	Room 136	Classroom Sink		No	N/A	N/A	N/A	SEE REMEDIAL ACTION PLAN
BTH001	Between main entrance and room 101	Bathroom Sink		No	N/A	N/A	N/A	SEE REMEDIAL ACTION PLAN
DSHSK001	Kitchen, between walk in fridge door and wall	Dishwashing sink		No	N/A	N/A	N/A	SEE REMEDIAL ACTION PLAN

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FIRST-DRAW SAMPLES

Any sample collected for compliance under Subpart 67-4 must be a “first-draw” sample

First-draw sample:

- A water sample collected from a cold water outlet before any water is used from that outlet
- Water must be motionless in pipes for a minimum of 8 - 18 hours before sample collection
  - This timeframe represents water that would be consumed during normal operating conditions on any school day

Recommended sampling times:

- While school is in session; not during or immediately after weekends, vacations, or flushing practices
- Following normal operation of school (e.g., Tuesday – Saturday mornings)

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LEAD IN SCHOOL DRINKING WATER REPORTING REQUIREMENTS

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LEAD ACTION LEVEL

The action level for lead in school drinking water is **5 micrograms per liter** (µg/L) or parts per billion (ppb)

- Lead test results ≤ 5 ppb do *not* exceed the lead action level, and therefore do not require further testing or remediation until the next compliance cycle
- Lead test results > 5 ppb (i.e., 5.1 ppb, or greater) *exceed* the lead action level, and will require the outlet to be taken out of service and a remedial action plan to be implemented

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LEAD IN SCHOOL DRINKING WATER REPORTING

- **Within 1 day**
  - ✓Report all exceedances over 5 parts per billion to the local health department
  - ✓Take any outlet above 5ppb out of service, including posting signage
- **Within 10 days**
  - ✓Report all exceedances to all staff, parents, and guardians in a physical, written document
    - Social media, ParentSquare, or other electronic methods do NOT constitute as a written notification
  - ✓Report test results to the Department of Health on NYS Survey Management and Response Tool (SMART) survey on the Health Commerce System (HCS) website
- **Within 6 weeks**
  - ✓Post copies of **lab reports** of test results on the school's website. This should remain posted on the school's website for the duration of the compliance period
  - ✓Post on the school website a **remedial action plan** to address outlets where lead exceeded the action level

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HEALTH COMMERCE SYSTEM ACCESS

To access the Health Commerce System (HCS) website to report in the SMART survey you must have:

- Active HCS account
- **School Lead in Drinking Water Reporter** role assigned for each building that requires lead reporting

To create an account you will need to work with the district HCS Coordinator

- Typically, the Superintendent, Head nurse, Business official
- If you do not know who your HCS Coordinator is, or need to establish one, email us at lead.in.school.drinking.water@health.ny.gov

The district HCS Coordinator is responsible for assigning the School Lead in Drinking Water Reporter role

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RECORDKEEPING REQUIREMENTS

- Per Subpart 67-4, schools must retain records for **10 years** following document creation.
  - Note: other agencies may have additional records retention requirements (i.e., NYSED, NYS Department of Labor)

- Copies of documents must be provided to the Department of Health, NYSED, or the Local Health Department upon request

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DOCUMENT EXAMPLES

- Sampling and Remedial Action plans
- Lab results and reports
- Remediation efforts
- Notification of exceedances to LHD’s
- SMART submission confirmation
- Copy/proof of written notification
- Proof of education to students and staff
- Invoices/receipts for remediation related expenses
- Proof of website postings
- Maps/diagrams of outlet locations
- Maintenance and monitoring of remedial actions

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LEAD IN SCHOOL DRINKING WATER REMEDIATION

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REMEDIATION OPTIONS

Actions to Restrict Use of Outlets that Exceed the Action Level:

- Shut off or permanently remove outlets
- Lock the room or install a lock on the faucet
- Post signs indicating “Do Not Drink” “Handwashing Only”
- Supervise and educate students and staff to not consume from outlets with a sign

Signage must always be used in conjunction with education and/or supervision

Actions to Reduce Lead Levels in Water:

- Replace outlet or fixture (e.g., taps, fountains, bubblers, valves, aerators, etc.)
- Install Point of Use filter units*
- Replace cold water supply piping with “lead-free” plumbing materials
- Replace other sources of lead (lead solder joints, brass plumbing components, etc.) with “lead-free” materials

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POST-REMEDIATION TESTING

- Follow-up samples collected after an outlet has been remediated must also be “first-draw” samples
  - Schools should follow the same sampling protocol as initial sampling
- Schools may choose to perform additional sampling (i.e., 30-second flush, etc.) to determine the contribution of lead from plumbing to guide remediation decisions
- Post-remediation test results need to be reported:
  - To the Department of Health in the SMART application on HCS
  - On the school’s website within the same reporting timeframes/requirements as specified for the initial sampling

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REMEDIAL ACTION PLAN

- Per revisions to 67-4 schools must post a remedial action plan on their school website within 6 weeks of receiving sampling results
- The remedial action plan must include all outlets that exceeded the action level **and** all non-applicable outlets, including their remediation and/or consumption prevention method (filters, plumbing replacement, signage/supervision/education, permanent removal, special locks, etc.)
- Schools must also create and document a maintenance schedule, if applicable
  - Checking signage, re-educating staff/students, maintaining filters, systematic flushing, etc
- Schools must update the remedial action plan as remediation occurs and as post-remediation results are received from the lab

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DOH Test School 1

Date Last Updated: 6/15/2024

Lead in School Drinking Water Remedial Action Plan

School Outlet ID	Laboratory Sample ID	Outlet Location	Outlet Description	Was the outlet deemed 'Applicable' or 'Not Applicable' for sampling? *if not applicable place criteria in Notes/Comments	Sample Results (ppb or mcg/L) *if not applicable mark "N/A"		Remedial Actions (Please mark "x" for all that apply)											
											Actions Requiring Maintenance Schedule [Link to Maintenance Schedule Here] [Link to Maintenance Documentation Here]							
					Initial	Post Remediation	Date Taken out of Service	Date Returned to Service	Outlet / Plumbing Replacement	Permanent Removal	Filter Installed and Maintained	Signage	Supervision	Continuing Education	Systematic Flushing	Engineering Controls	Date(s) Remedial Action Taken	Notes/Comments
HW001	ABC123	Math Wing Hallway	Water Fountain	Applicable	5.8	N/A	5/10/2024			X							6/12/2024	Water fountain permanently removed and supply line was capped. Plan to replace after plumbing project Summer 2025
KIT123	ABC345	Kitchen Rear Corner	Pot Filler Sink	Applicable	6.3 ppb		5/10/2024					X	X	X				Plan for piping replacement during Summer 2025
TL001	ABC789	Teacher's Lounge	Sink	Applicable	5.2 ppb	0.2 ppb	5/10/2024	6/15/2024			X						6/12/2024	Filter installed, maintenance schedule planned, re-tested and confirmed below action level of 5 pbb
OS500	ABC500	Outdoor	Water Tree	Applicable	10.8 ppb	0.1 ppb	5/10/2024	6/15/2024	X								6/10/2024	Piping replaced with certified "lead free" plumbing material. Re-tested and confirmed below action level of 5 ppb
LR321	N/A	Locker Room	Shower	Not Applicable	N/A	N/A						X	X	X			5/1/2024	Locker room shower with clear "Do Not Drink" signage. Staff and students educated to not use for consumption
CR101	N/A	Room 101	Classroom Sink	Not Applicable	N/A	N/A						X	X	X			5/1/2024	Classroom sink with clear "Do Not Drink" signage. Staff and students educated to not use for consumption
OS100	N/A	Baseball Field	Outside Hose	Not Applicable	N/A	N/A										X	5/1/2024	Outdoor hose with a hose bib that is locked at all times with a key. Consumption is not possible.
BR300	N/A	2nd Floor Womens Bathroom	Bathroom Sink	Not Applicable	N/A	N/A						X	X	X			5/1/2024	Tempered bathroom sink with clear "Do Not Drink" signage. Staff and students educated to not use for consumption

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MAINTENANCE & MONITORING OF REMEDIAL ACTIONS

Non-applicable outlets and outlets that have exceeded the lead action level that have not been replaced with an outlet that achieved the lead action level require a documented maintenance and monitoring schedule.

These actions include:

- Point of Use Filter check and/or replacement
- Signage inspections
- Aerator cleaning
- Continued education/supervision
- Engineering controls (e.g., checking locks)
- Routine flushing

MAINTENANCE AND MONITORING SCHEDULE EXAMPLE

Lead in School Drinking Water Remedial Action Maintenance and Monitoring Schedule[1]															
School Building Name		New York State Department of Health Test School									Date Last Updated				04/14/2025
Remediation Method	Task(s)	School Outlet ID(s)[2,3]	Individual(s) Responsible[4]	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Signage (Paper)	Verify still in place and readable.	RM101, RM202	Facilities Director	X	X	X	X	X	X	X	X	X	X	X	X
Signage (metal)	Verify still in place and readable.	BR001, BR002, BR003, SC001	Facilities Director	X						X					
Supervision	Staff PPT	SC001	Facilities Director	X								X			
Filters	Replace per manufacturers recommendation	HLW005, RM001	Facilities Director	X						X					
Flushing[5]	Flush outlets		Facilities Director	X								X			
Engineering Controls[6]	Check lock	OUT001, JNT001	Facilities Director	X			X			X			X		
Continuing Education	All-Staff PPT and student informational flyers provided	RM101, RM202, BR001, BR002, BR003, SC001	Facilities Director	X								X			

COMMENTS: _____

[1]If any external devices (e.g., filters) are installed, the Maintenance and Monitoring Schedule Plan should describe the minimum requirements prescribed by the manufacturer. If multiple types of filters are used that have a variety of filter replacement times, multiple rows should be used. It is recommended to keep a copy of the original manufacturers maintenance and replacement recommendations to ensure proper compliance.
[2]Outlets may be grouped within a row if the controls instituted and their associated maintenance schedules are the same. If there are multiple types of the same remediation method that have varying inspection/replacement timelines (e.g., metal 'Do Not Drink' signage vs. paper signage), separate rows should be created.
[3]School Outlet ID should match the School Outlet ID noted in the Remedial Action Plan.
[4]This field may list exact names, however it is recommended to list job titles (i.e. 'Facilities Director') for continuity should there be staff turnover.
[5]Flushing should not be done right before sampling. Flushing is generally used as a short-term measure and paired with permanent remediation like replacement or removal of an outlet. See the EPA's 3Ts Flushing Best Practices factsheet for additional information.
[6]Engineering Controls may include locked doors, keys to operate an outside hose bib, or other.

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MAINTENANCE & MONITORING OF REMEDIAL ACTIONS

You must also clearly document when any maintenance and monitoring actions are completed.

Your documentation should include:

- Date
- Outlet(s) ID
- Maintenance or Monitoring Action Taken
- Person Completed By
- Additional Notes

MAINTENANCE AND MONITORING DOCUMENTATION EXAMPLE

New York State Department of Health Test School
Lead in School Drinking Water Maintenance and Monitoring Documentation

Date	Outlet(s) ID	Maintenance or Monitoring Action Taken	Completed By	Notes
01/02/2025	HLW005, RM001	Flushed outlets after winter break	Jane Doe (Facilities Director)	10-minute flush
01/02/2025	RM101, RM202, BR001, BR002, BR003, SC001	Presented PPT at all-staff meeting regarding sinks that should not be used for consumption. Student informational flyers provided to homeroom teachers.	Jane Doe (Facilities Director)	
01/06/2025	BR001, BR002, BR003	Checked metal signs were legible and still in place	Jane Doe (Facilities Director)	Good condition
01/06/2025	RM101	Verified paper sign was legible and still in place	Jane Doe (Facilities Director)	Good condition
01/06/2025	RM202	Replaced paper sign over fountain	Jane Doe (Facilities Director)	Sign was torn; replaced.
01/07/2025	SC001	Reviewed supervision requirements for science classroom sinks with classroom teachers.	Jane Doe (Facilities Director)	
01/13/2025	HLW005, RM001	Replaced outlet filters with new filter	Jane Doe (Facilities Director)	Lot number XX0256, Expiration date 07/13/2025
01/13/2025	OUT001, JNT001	Verified outlets were still behind functioning lock	Jane Doe (Facilities Director)	Good condition

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LEAD IN SCHOOL DRINKING WATER REMEDIATION REIMBURSEMENT

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ELIGIBLE EXPENSES UNDER DOH REIMBURSEMENT PROCESS

1. Post remediation sampling
2. “Do Not Drink” or equivalent signage for outlets taken out of service
3. Permanent removal of an outlet
4. Installation of locks or other engineering controls
5. Installation of individual outlet water filtration systems
6. Installation and replacement of taps, fountains/bubblers, and aerators
7. Outlets remediated using other methods
   i. Replacing cold water piping, additional filtration systems, etc

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NYSED REQUIRED PERMITS

Some projects that can be provided reimbursement through the DOH reimbursement process **may need to receive a permit** from NYSED's Office of Facilities Planning prior to the work being bid, completed, and submitted to DOH for reimbursement approval.

Projects that **do not** require a permit include:

- Installation of individual outlet water filters
- Replacement of in-kind outlets
- Replacement of in-kind readily accessible cold water supply piping which does not impact other building components (walls, cabinets, flooring, hazardous materials, etc)

Projects that **may require** a permit include but are not limited to:

- Whole building water treatment and/or filtration systems
- Supply piping replacement projects other than described above
- Any remediation work which impacts suspect or known hazardous materials

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BUILDING AID AND REIMBURSEMENT

Projects that are funded under State Building Aid cannot also be reimbursed through the DOH remediation program

Initial sampling costs should be submitted using Schedule W requests on the State Aid Management System (SAMS)

Projects that may be eligible for State Building Aid include but are not limited to:

- Building projects greater than $10,000 (on an aid eligible building)
- Any other remediation work, not previously listed, which impacts suspect or known hazardous materials

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REIMBURSEMENT PROCESS: SCHOOLS

Complete all remediation and receive samples confirming successful remediation.

Ensure you have all invoices and receipts in front of you. Enter the SMART survey and mark remediation status as ‘Complete’

Select ‘Yes” under Question 32 then fill out and submit the remediation reimbursement section of the SMART survey. Ensure you are reporting exact costs rounded to the nearest dollar.

Email a copy of all invoices and receipts used to fill out the remediation reimbursement section to lead.in.school.drinking.water@health.ny.gov

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REIMBURSEMENT PROCESS: DOH REVIEW

DOH will review all reimbursement requests and information submitted in SMART from each individual school building

DOH will contact school representatives of any buildings that do not have appropriate permits, exceed reasonable costs, did not sent invoices, and/or when clarification is needed

Reimbursement requests from each school district will be aggregated and sent to SED for review and payment

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REIMBURSEMENT PROCESS: SED PAYMENT

School districts and BOCES reimbursement requests will be reviewed, to confirm the completion of Schedule W/Form FB for each district

Reimbursement will be distributed to the school districts or BOCES on an annual basis

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LIVE DEMO

Live demonstration navigating the SMART survey on the Health Commerce System (HCS)

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BEST PRACTICES TO REDUCE LEAD IN DRINKING WATER

- Regularly clean aerators to remove buildup and contaminants
- Practice routine flushing of outlets
  - After long breaks or vacations
- Use only certified “lead-free” plumbing materials
- Follow the manufacturer's recommendations for replacing filter cartridges
- Educate staff/students to let water run for 30-60 seconds before consumption

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THANK YOU

QUESTIONS?

CONTACT:

lead.in.school.drinking.water@health.ny.gov

Lead in School Drinking Water Website

health.ny.gov/leadschoolwater

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NEW YORK STATE | Department of Health

APPENDIX E

Draft Parent Letter

A NOTICE TO PARENTS, GUARDIANS, and STAFF

Briarcliff Middle School

Lead Testing of School Drinking Water

05/29/2026

Safe and healthy school environments can foster healthy and successful children. To protect public health, the Public Health Law and New York State Health Department (NYSDOH) regulations require that all public schools and boards of cooperative educational services (BOCES) test lead levels in water from every outlet that is being used, or could potentially be used, for drinking or cooking. If lead is found at any water outlet at levels above 5 parts per billion (ppb), the NYSDOH requires that the school take action to reduce the exposure to lead.

What is first draw testing of school drinking water for lead?

The "on-again, off-again" nature of water use at most schools can raise lead levels in school drinking water. Water that remains in pipes overnight, over a weekend, or over vacation periods stays in contact with lead pipes or lead solder and, as a result, could contain higher levels of lead. This is why schools are required to collect a sample after the water has been sitting in the plumbing system for a certain period of time. This "first draw" sample is likely to show higher levels of lead for that outlet than what you would see if you sampled after using the water continuously. However, even if the first draw sample does not reflect what you would see with continuous usage, it is still important because it can identify outlets that have elevated lead levels.

Which samples exceeded 5 ppb during the first draw testing?

Briarcliff Middle School – Briarcliff Manor Union Free School District				
Date	Sample ID	Floor	Location	Lead Level (ppb)
05/14/2026	BMS-16	1	Kitchen 501 – Pot Filler Spout	5.09
05/14/2026	BMS-17	1	Kitchen 501 – Island Food Prep Sink	16.3

What is the initial response to results that exceed 5 ppb?

Outlets with lead levels above the action level (5 ppb) are immediately removed from service, unless the outlet is a sink faucet needed for handwashing. In that case, a sign is posted at the outlet indicating that the sink is not to be used as a potable water source. Faculty using these specific outlets are informed of the results and the new usage parameters of the outlets. Outlets that test below the action level remain in service with no restrictions.

Specific Response Actions

Briarcliff Middle School – Briarcliff Manor Union Free School District	
Location	Response Action
Kitchen 501 – Pot Filler Spout	Outlet shut down
Kitchen 501 – Island Food Prep Sink	Outlet shut down

Should the District wish to perform remediation to reintroduce outlets as potable water sources without restrictions, actions may include replacing the fixture or outlet, installing point of use filters, replacing plumbing, or creating a standard flushing program. Post remediation water testing will be performed to confirm the response action has achieved its intended purpose and returned lead in water levels to at, or below, the 5.0 ppb limit before the outlet is put back into use as a potable water source.

What are the health effects of lead?

Lead is a metal that can harm children and adults when it gets into their bodies. Lead is a known neurotoxin, particularly harmful to the developing brain and nervous system of children under 6 years old. Lead can harm a young child's growth, behavior, and ability to learn. Lead exposure during pregnancy may contribute to low birth weight and developmental delays in infants. There are many sources of lead exposure in the environment, and it is important to reduce all lead exposure as much as possible. Water testing helps identify and correct possible sources of lead that contribute to exposure from drinking water.

What are the other sources of lead exposure?

Lead is a metal that has been used for centuries for many purposes, resulting in widespread distribution in the environment. Major sources of lead exposure include lead-based paint in older housing, and lead that built up over decades in soil and dust due to historical use of lead in gasoline, paint, and manufacturing. Lead can also be found in a number of consumer products, including certain types of pottery, pewter, brass fixtures, foods, plumbing materials, and cosmetics. Lead seldom occurs naturally in water supplies but drinking water could become a possible source of lead exposure if the building's plumbing contains lead. The primary source of lead exposure for most children with elevated blood-lead levels is lead-based paint.

Should your child be tested for lead?

The risk to an individual child from past exposure to elevated lead in drinking water depends on many factors; for example, a child's age, weight, amount of water consumed, and the amount of lead in the water. Children may also be exposed to other significant sources of lead including paint, soil and dust. Since blood lead testing is the only way to determine a child's blood lead level, parents should discuss their child's health history with their child's physician to determine if blood lead testing is appropriate. Pregnant women or women of childbearing age should also consider discussing this matter with their physician.

Additional Resources

For more information regarding the testing program or sampling results,
contact *Kenneth Baviello at (914) 432-8112,* or go to our school website:
www.briarcliffschools.org

For information about lead in school drinking water, go to:
http://www.health.ny.gov/environmental/water/drinking/lead/lead_testing_of_school_drinking_water.htm

For information about NYS Department of Health Lead Poisoning Prevention, go to:
http://www.health.ny.gov/environmental/lead/

For more information on blood lead testing and ways to reduce your child's risk of exposure to lead, see "What Your Child's Blood Lead Test Means":
http://www.health.ny.gov/publications/2526/ (available in ten languages).