Regulatory Compliance
245 Albany Avenue
Thornwood, New York 10594
(914) 439-6513

10 NYCRR Subpart 67-4 Testing and Water Management Plan For Lead In Drinking Water

For

Elmsford UFSD
45 Cobb Ave.
Elmsford, NY 10523

at

Alexander Hamilton High School
Alice E. Grady Elementary School
Carl L. Dixson Elementary School
Carl L. Dixson Elementary School Annex

Project Number: ELM.1005.23.IH

Dates of Survey:
March 1, 2023

Field Work performed by:
Nicholas Coon, BS

Report Written by:
Ernest Coon, MS, RPIH, HEM

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1.0 SCOPE OF WORK

Elmsford UFSD retained Regulatory Compliance to test water fixtures in select areas identified by the district for lead content. The overall objective is to determine the lead content in drinking water in the district's buildings.

2.0 INTRODUCTION

Lead is a toxic metal that can be harmful when ingested (or inhaled), and young children are particularly sensitive to the effects of lead. Lead can get into drinking water by being present in the source water, or by interaction of the water with plumbing materials containing lead (through corrosion). Common sources of lead in drinking water include: solder, fluxes, pipes and pipefittings, fixtures, and sediments. Thus, it is possible that different water outlets in a given building could have dissimilar concentrations of lead. Lead in drinking water is regulated under the Safe Drinking Water Act (1974) as amended. The Lead Contamination Control Act (LCCA) amended the Safe Drinking Water Act and is aimed at identifying and reducing lead in drinking water in schools (and day care facilities). In April 1994, EPA prepared two guidance documents to assist municipalities in meeting the requirements of the LCCA. On September 6, 2016, the Department of Health DOH issued emergency regulations for the implementation of the new law, *Lead Testing in School Drinking Water*, the regulations became Subpart 67-4 of Title 10 (Health) of the Official Compilation of Codes, Rule and Regulations of the State of New York. A revised 67-4 went into effect on December 22, 2022.

The following information provided in sections 3-11 are taken from 10 NYCRR Subpart 67-4 and the NYSDOH slide presentation "Lead Testing in School Drinking Water - Program Review and Updates Environmental Health Conference ," from October 25, 2022.

3.0 RECOMMENDED/REQUIRED SAMPLING LOCATIONS

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).

Samples must be collected at all outlets used or potentially used for drinking or cooking, including but not limited to:

- bubblers/drinking fountains
- classroom sinks
- classroom combination sinks and drinking fountains
- kitchen sinks
- kitchen kettle filler outlets
- bathroom sinks
- family and consumer sciences room sinks
- teachers' lounge sinks
- nurse's office sinks
- athletic field outlets and any other sink known to be or potentially used for consumption (e.g., coffeemaker or cups are nearby)

Applicable VS. Non-Applicable Outlets

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 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").

- Food washing sinks: Food washing faucets must be sampled as they are used for cooking (including food preparation) and potentially for drinking.

- Ice machines: The ice made in an ice machine should be sampled for lead.

- Combination bottle fill station and drinking fountain: A sample should be collected from both outlets. The Department recommends sampling the outlet that is most frequently used first.

- Hand washing outlets: In general, all hand washing outlets in a bathroom should be sampled as bathroom outlets may be used to obtain water for drinking and/or food preparation.

- Foot level operated multi-outlet gang sink: In general, samples should be collected from each outlet of a gang sink, however, if the gang sink design does not allow sample collection from each outlet, the schools should contact the local health department or the Department to discuss.

- Traditional outlet with hot and cold-water handle: Samples must be collected from each outlet but only the cold water should be turned on for sampling

Non-Applicable Outlets

In general, 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.

- Dishwashing sinks: If an outlet is designated for dish washing only and involves no opportunity for drinking or cooking (including food preparation), the outlet does not require sampling

- Point of entry: Samples from the point of entry are not required under Subpart 67-4. Point of entry is the location where water enters the building from the distribution system of a public water system.

- Science/Art room outlets: Typically, classrooms in these settings prohibit eating and/or drinking. The school Superintendent has the authority to determine whether these outlets may be used for drinking or cooking and whether they require sampling.

- Tempered outlets: The Department and the US EPA recommend that hot or tempered water not be used for drinking or cooking as warm or hot water increase the leaching of lead into the water.

- Bus garage: Outlets in bus garage buildings do not require sampling unless the building is occupied by students (e.g., BOCES classes).

- Custodial closet outlets: If the outlet is only used for custodial purposes and not for drinking, then the outlet does not need to be sampled.

- Any outlet excluded from sampling should be documented in the Remedial Action Plan (and consider additional controls such locks, signs, and education).

4.0 SAMPLING METHODOLOGY

Samples were collected in accordance with the *Lead Testing in School Drinking Water* – 10 NYCRR Subpart 67-4.3. A first-draw sample was collected in a wide mouth 250 mL bottle and collected from a cold water outlet before the water is used. The water was motionless in the pipes for a minimum of 8 hours, but not more than 18 hours prior to collection.

Sampling Collection Guidance:

- Pre-stagnation flushing: The Department does not allow for pre-stagnation flushing prior to sampling unless a school is directed to do so by the Department or local health department.
- Aerators: Aerators should not be removed prior to sampling

5.0 SAMPLING LOCATIONS, OBSERVATIONS AND DISCUSSION

March 1, 2023
The following water fixtures were tested: water fountains (bubblers/bottle fillers), sinks and spigots.

Sampling was conducted throughout the school district. A total of sixty-four (64) samples (including two blanks) were collected and analyzed for lead contaminates. All of the samples collected were within NYSDOH action level and compliant, with the exception of the water fixtures noted below. The sample results for all water fixtures tested are located in Appendix A.

Building	Location	Fixture	Results (mg/L)	Action Limit (mg/L)	Compliant (Y/N)	Remediation
Hamilton School	Kitchen Serving Area	Sink #1	0.012	0.005	N	Required
Hamilton School	Hallway By Room 234	Bubbler	0.029	0.005	N	Required
Hamilton School	Small Office in Room 219	Sink	0.008	0.005	N	Required
Hamilton School	Weight Room Locker Area	Spigot	0.019	0.005	N	Required
Hamilton School	Weight Room	Bottle Filler	0.007	0.005	N	Required
Hamilton School	Weight Room	Bubbler	0.006	0.005	N	Required
Hamilton School	Room 125	Sink	0.010	0.005	N	Required
Dixson	Nurses Office	Sink	0.007	0.005	N	Required
Grady School	Room 215	Sink	0.007	0.005	N	Required
Grady School	Kitchen	Sink #3	0.007	0.005	N	Required
Grady School	Kitchen	Sink #4	0.008	0.005	N	Required
Grady School	Nurses Office	Sink #2	0.011	0.005	N	Required
Grady School	Room 235	Sink	0.006	0.005	N	Required
Grady School	Hallway Near Room 133	Bubbler	0.065	0.005	N	Required

Building	Location	Fixture	Results (mg/L)	Action Limit (mg/L)	Compliant (Y/N)	Remediation
Grady School	Room 134	Sink	0.034	0.005	N	Required
Grady School	Room 132	Sink	0.011	0.005	N	Required

In accordance with *Lead Testing in School Drinking Water* – 10 NYCRR Subpart 67-4, outlets that exceed the NYS Action Level are obligated to take corrective action. The required actions, notifications, reporting and recordkeeping requirements are listed in the appropriate sections of this report.

For all outlets not used or potentially used for drinking or cooking, the school must 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").

If any inoperable water fixtures during the time of the survey are made operable in the future or new water fixtures are installed, they must be tested prior to use and incorporated into the Water Management Plan.

6.0 RESPONSE AND CORRECTIVE ACTIONS

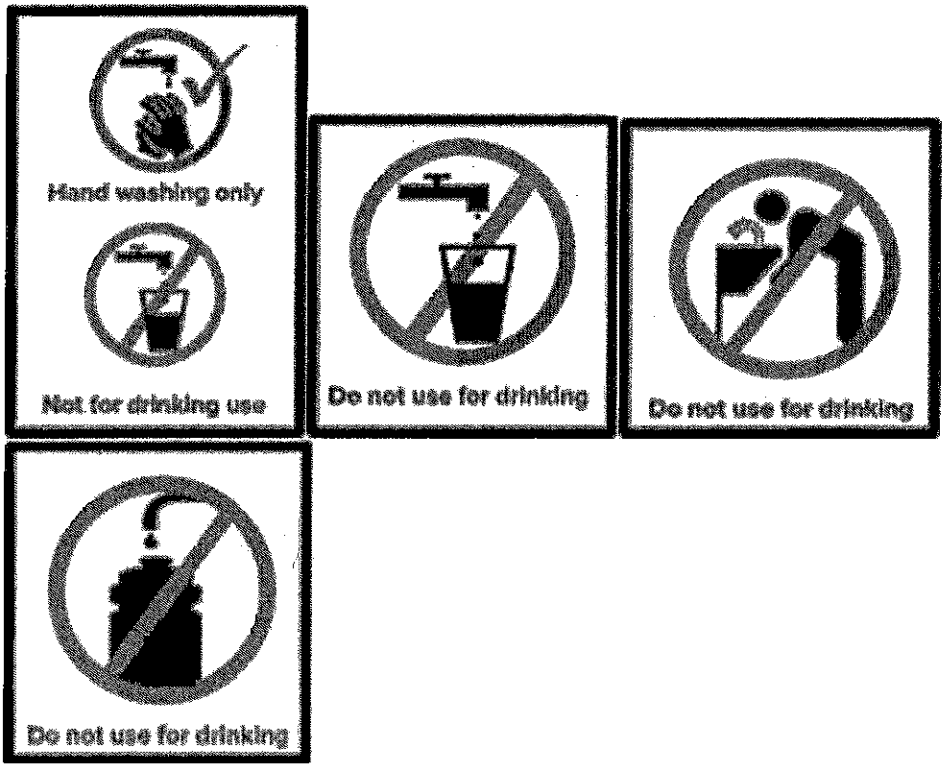
Steps following an Action Level Exceedance Immediate Response

- 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.

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 Options:



7.0 Post-Remediation Testing

- 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 prior to being placed back into service.
- Post-remediation tests results need to be reported:
  - in the Department's HERDS application on HCS, and
  - on the school's website within the same reporting timeframes/requirements as specified for the initial sampling (addressed in next section).

8.0 Public Notification Requirements

- Within 1 business day of receipt of laboratory reports:
  - Report any and all exceedances (lead result greater than 5 ppb) to the local health department
- Within 10 business days of receipt of laboratory reports:

- Report all exceedances to all staff, parents, and guardians in writing school. A physical written notification is required.
- Report test results (including post-remediation results) in the Department's electronic reporting system, HERDS accessed through HCS. This information is posted on the Department's website for the public

- Within 6 weeks of receipt of laboratory reports:
  - Post numeric test results of all lead testing and information about remediation actions taken to address outlets where lead exceeded the action level on the school's website. This should remain posted on the school's website for the duration of the compliance period (i.e. 2020-2024)
- Report any lead-free buildings on the school's website
- Within 6 weeks of receipt of laboratory reports:
  - Post numeric test results of all lead testing and information about remediation actions taken to address outlets where lead exceeded the action level on the school's website. Laboratory reports must be included. This should remain posted on the school's website for the duration of the compliance period (i.e. 2023-2025)

9.0 Electronic Reporting in HCS/HERDS

- Within 10 business days of receipt of laboratory reports: Summary data must be reported in the Department's electronic reporting system, HERDS accessed through HCS. Summary data includes:
  - General information (lead-free status, website address)
  - Sampling information
  - Lead analysis results
  - Response and remediation
- Do not submit laboratory reports directly to the Department or local health department unless otherwise directed.

10.0 Recordkeeping Requirements

- Schools must retain all records of:
  - Test results
  - Remedial action plans
  - Determinations that a building is lead-free; and
  - Waiver requests (only applicable to compliance year 2016)
- 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., NYS Department of Labor)
- Copies of documents must be provided to the Department, the NY State Education Department, or the local health department upon request
- Department recommends that all records be kept in a centrally located and accessible repository for each school building

11.0 Best Management Practices to Reduce Lead in Drinking Water

- Aerator cleaning
- Routine flushing practices (after vacations and long weekends)
- Use only certified lead-free materials when performing plumbing work
- Follow the manufacturer's recommendations for water softener settings to ensure an appropriate level of hardness
- Temperature control
- Educating staff and students of the benefits of running water at a tap briefly prior to using it for drinking or food preparation. Letting the water run for 30- 60 seconds or until the water feels cold can reduce the potential levels of lead in the drinking water

12.0 Lead in Drinking Water Survey Fact Sheet

Name and Address of Building/Structure Owner:
Elmsford UFSD
45 Cobb Ave.
Elmsford, NY 10523

Name and Address of Buildings/Structures Surveyed:
Alexander Hamilton High School
45 Cobb Ave.
Elmsford, NY 10523

Alice E. Grady Elementary School
45 Goodwin Ave.
Elmsford, NY 10523

Carl L. Dixson Elementary School and Annex
22 Hillside Ave.
Elmsford, NY 10523

Name of the Firm & Person Conducting the Survey:
Regulatory Compliance
Nicholas Coon
PO Box 132
Thornwood, New York 10594

Date Survey Was Conducted:
March 1, 2023

Tabulated Results

Alexander Hamilton High School							
Sample ID #	Sample Location	Type of Fixture	Date Sampled	Results (mg/L)	Action Level (mg/L)	Compliant (Y/N)	Remediation
1	Kitchen Serving Area	Sink #1	3.1.23	0.012	0.005	N	Required
2	Kitchen Serving Area	Sink #2	3.1.23	0.001	0.005	Y	NA
3	Kitchen Prep Area Island	Sink	3.1.23	0.005	0.005	Y	NA
4	Cafeteria	Bottler Filler	3.1.23	BDL <0.001	0.005	Y	NA
5	Cafeteria	Bubbler	3.1.23	BDL <0.001	0.005	Y	NA
6	Hallway By Room 328	Bubbler	3.1.23	0.003	0.005	Y	NA
7	Staff Lounge	Sink	3.1.23	0.002	0.005	Y	NA
8	Hallway By Room 234	Bubbler	3.1.23	0.029	0.005	N	Required
9	Hallway By Room 208	Bottle Filler	3.1.23	BDL <0.001	0.005	Y	NA
10	Hallway By Room 208	Bubbler	3.1.23	BDL <0.001	0.005	Y	NA
11	Small Office in Room 219	Sink	3.1.23	0.008	0.005	N	Required
12	Weight Room Locker Area	Spigot	3.1.23	0.019	0.005	N	Required
13	Weight Room	Bottle Filler	3.1.23	0.007	0.005	N	Required
14	Weight Room	Bubbler	3.1.23	0.006	0.005	N	Required
15	Board Room	Sink	3.1.23	BDL <0.001	0.005	Y	NA
16	Room 117	Sink #1	3.1.23	BDL <0.001	0.005	Y	NA
17	Room 117	Sink #2	3.1.23	BDL <0.001	0.005	Y	NA
18	Room 117	Sink #3	3.1.23	BDL <0.001	0.005	Y	NA
19	Room 125	Sink	3.1.23	0.01	0.005	N	Required
20	Nurses Office	Sink	3.1.23	BDL <0.001	0.005	Y	NA
21	Gymnasium	Bottler Filler	3.1.23	BDL <0.001	0.005	Y	NA
22	Gymnasium	Bubbler	3.1.23	BDL <0.001	0.005	Y	NA
23	BLANK	BLANK	3.1.23	BDL <0.001	0.005	Y	NA

*Sinks are counted from Left to Right; NA = Not Applicable

Alice E. Grady Elementary							
Sample ID #	Sample Location	Type of Fixture	Date Sampled	Results (mg/L)	Action Level (mg/L)	Compliant (Y/N)	Remediation
1	Hallway Water Fountain Near Room 207	Bottle Filler	3.1.23	BDL <0.001	0.005	Y	NA
2	Room 211	Sink	3.1.23	BDL <0.001	0.005	Y	NA
3	Room 213	Sink	3.1.23	BDL <0.001	0.005	Y	NA
4	Room 215	Sink	3.1.23	0.007	0.005	N	Required
5	Room 217	Sink	3.1.23	BDL <0.001	0.005	Y	NA
6	Teachers Lougne	Sink	3.1.23	0.004	0.005	Y	NA
7	Kitchen	Sink #3	3.1.23	0.007	0.005	N	Required
8	Kitchen	Sink #4	3.1.23	0.008	0.005	N	Required
9	Nurses Office	Sink #1	3.1.23	0.002	0.005	Y	NA
10	Nurses Office	Sink #2	3.1.23	0.011	0.005	N	Required
11	Room 233	Sink	3.1.23	0.01	0.005	Y	NA
12	Room 232	Sink	3.1.23	BDL <0.001	0.005	Y	NA
13	Room 235	Sink	3.1.23	0.006	0.005	N	Required
14	Room 234	Sink	3.1.23	BDL <0.001	0.005	Y	NA
15	Room 133	Sink	3.1.23	0.002	0.005	Y	NA
16	Hallway Near Room 133	Bubbler	3.1.23	0.065	0.005	N	Required
17	Room 134	Sink	3.1.23	0.034	0.005	N	Required
18	Room 132	Sink	3.1.23	0.011	0.005	N	Required
19	Room 135	Sink	3.1.23	BDL <0.001	0.005	Y	NA
20	Room 128	Sink	3.1.23	BDL <0.001	0.005	Y	NA
21	Room 129	Sink	3.1.23	BDL <0.001	0.005	Y	NA
22	Room 127	Sink	3.1.23	BDL <0.001	0.005	Y	NA
23	Room 126	Sink	3.1.23	BDL <0.001	0.005	Y	NA
24	Hallway Near Room 120	Bubbler	3.1.23	BDL <0.001	0.005	Y	NA

25	Gymnasium	Bubbler #1	3.1.23	BDL <0.001	0.005	Y	NA
26	Gymnasium	Bubbler #2	3.1.23	BDL <0.001	0.005	Y	NA
27	Room 117	Sink	3.1.23	0.002	0.005	Y	NA
28	Room 115	Sink	3.1.23	BDL <0.001	0.005	Y	NA
29	Room 113	Sink	3.1.23	0.001	0.005	Y	NA
30	Room 111	Sink	3.1.23	BDL <0.001	0.005	Y	NA
31	Hallway Near Room 107	Bubbler	3.1.23	0.001	0.005	Y	NA
32	BLANK	BLANK	3.1.23	BDL <0.001	0.005	Y	NA

NA = Not Applicable
NYS Lead Action Level 0.005 mg/L
*Sinks are counted from Left to Right

Carl L. Dixson Elementary School/Annex							
Sample ID #	Sample Location	Type of Fixture	Date Sampled	Results (mg/L)	Action Level (mg/L)	Compliant (Y/N)	Remediation
1	Hallway Water Fountain Near Room 101	Bottle Filler	3.1.23	BDL <0.001	0.005	Y	NA
2	Hallway Water Fountain Near Room 101	Bubbler	3.1.23	BDL <0.001	0.005	Y	NA
3	Room 106	Sink	3.1.23	0.002	0.005	Y	NA
4	Hallway Water Fountain Near Room 201	Bubbler	3.1.23	BDL <0.001	0.005	Y	NA
5	Room 201	Sink	3.1.23	BDL <0.001	0.005	Y	NA
6	Main Office	Sink	3.1.23	0.005	0.005	Y	NA
7	Annex - Hallway Water Founatin Near Room 14	Bottle Filler	3.1.23	BDL <0.001	0.005	Y	NA
8	Annex - Hallway Water Founatin Near Room 14	Bubbler	3.1.23	BDL <0.001	0.005	Y	NA
9	Nurses Office	Sink	3.1.23	0.007	0.005	N	Required

NA = Not Applicable
NYS Lead Action Level 0.005 mg/L
*Sinks are counted from Left to Right

Laboratory Data Sheets

Eastern Analytical Services, Inc.

Water Sample Report

RE: CPN ELM.1005.23.IH - Alexander Hamilton High School

Date Collected: 03/01/2023
Collected By: Nicholas Coon
Date Received: 03/01/2023
Date Analyzed: 03/08/2023
Analyzed By: Ernest Sanchez
Signature:
Analyte: Pb Water
Analytical Method: EPA 200.9
NYS Lab Number: 10851

Client: RegCom
245 Albany Avenue
Thornwood, NY 10594

Sample ID# / Lab ID#	Sample Location	Sample Notes	Concentration
1A 2899747	Kitchen Serving Area	Sink #1 (Left to Right)	0.012 mg/L
2A 2899748	Kitchen Serving Area	Sink #2 (Left to Right)	0.001 mg/L
3A 2899749	Kitchen Prep Area Island	Sink	0.005 mg/L
4A 2899750	Cafeteria	Bottle Filler	BDL < 0.001 mg/L
5A 2899751	Cafeteria	Bubbler	BDL < 0.001 mg/L
6A 2899752	Hallway by Room 328	Ceramic Water Fountain Bubbler	0.003 mg/L
7A 2899753	Staff Lounge	Sink	0.002 mg/L
8A 2899754	Hallway by Room 234	Bubbler	0.029 mg/L
9A 2899755	Hallway by Room 208	Bottle Filler	BDL < 0.001 mg/L

BDL = Below Detectable Limits
Liability Limited to Cost of Analysis
Results Applicable to Those Items Tested.

Eastern Analytical Services, Inc.

Water Sample Report

RE: CPN ELM.1005.23.IH - Alexander Hamilton High School

Date Collected: 03/01/2023
Collected By: Nicholas Coon
Date Received: 03/01/2023
Date Analyzed: 03/08/2023
Analyzed By: Ernest Sanchez
Signature:
Analyte: Pb Water
Analytical Method: EPA 200.9
NYS Lab Number: 10851

Client: RegCom
245 Albany Avenue
Thornwood, NY 10594

Sample ID# / Lab ID#	Sample Location	Sample Notes	Concentration
10A 2899756	Hallway by Room 208	Bubbler	BDL < 0.001 mg/L
11A 2899757	Small Office in Room 219	Sink	0.008 mg/L
12A 2899758	Weight Room Locker Area	Spigot	0.019 mg/L
13A 2899759	Weight Room	Bottle Filler	0.007 mg/L
14A 2899760	Weight Room	Bubbler	0.006 mg/L
15A 2899761	Board Room	Sink	BDL < 0.001 mg/L
16A 2899762	Room 117	Sink #1 (Left to Right)	BDL < 0.001 mg/L
17A 2899763	Room 117	Sink #2 (Left to Right)	BDL < 0.001 mg/L
18A 2899764	Room 117	Sink #3 (Left to Right)	BDL < 0.001 mg/L

BDL = Below Detectable Limits
Liability Limited to Cost of Analysis
Results Applicable to Those Items Tested

Eastern Analytical Services, Inc.

Water Sample Report

RE: CPN ELM.1005.23.IH - Alexander Hamilton High School

Date Collected: 03/01/2023
Collected By: Nicholas Coon
Date Received: 03/01/2023
Date Analyzed: 03/08/2023
Analyzed By: Ernest Sanchez
Signature:
Analyte: Pb Water
Analytical Method: EPA 200.9
NYS Lab Number: 10851

Client: RegCom
245 Albany Avenue
Thornwood, NY 10594

Sample ID# / Lab ID#	Sample Location	Sample Notes	Concentration
19A 2899765	Room 125	Sink	0.010 mg/L
20A 2899766	Nurses Office	Sink	BDL < 0.001 mg/L
21A 2899767	Gym	Bottle Filler	BDL < 0.001 mg/L
22A 2899768	Gym	Bubbler	BDL < 0.001 mg/L
23A 2899769	Not Applicable	Blank	BDL < 0.001 mg/L

BDL = Below Detectable Limits
Liability Limited to Cost of Analysis
Results Applicable to Those Items Tested

Eastern Analytical Services, Inc.

4 Westchester Plaza - Elmsford, NY 10523
www.EASInc.com
914-592-8380

CHAIN OF CUSTODY

EAS Client: Reg Com
245 Albany Ave
Thornwood NY 10594

No. of Samples: 22 + 1 Blank

Turn-Around: ☐03Hr ☐06Hr ☐12Hr ☐24Hr ☐30Hr ☐48Hr ☐72Hr ☐96Hr ☐5Day ☑Other 2 weeks (10 days)

Analyte:

Asbestos	Lead	Fungi
☐ PLM	☐ Solid	☐ Spore Trap
☐ NOB PLM Only	☐ Dust	☐ Tape Lift
☐ NOB TEM Only	☐ Air	
☐ NOB PLM/TEM	☑ Water	**Other**
☐ NOB TEM/PLM	☐ Other	**Analyte**
☐ Air 7400 (PCM)	_____	_____
☐ Air AHERA (TEM)		
☐ Air 7402 (TEM)	**TCLP**	
☐ Water (TEM)	☐ Pb Only	
☐ Other _____	☐ 8 RCRA	

Shipped Via: ☐ US Mail ☑ Walk In ☐ FedEx ☐ US Exp ☐ UPS ☐ Courier ☐ Drop Box ☐ Other _____

State of Origin: ☑ NY ☐ CT ☐ NJ ☐ PA ☐ MA ☐ RI ☐ ME ☐ VT ☐ Other _____

Sample Disposition: ✓ (Std.) _____ (Return)

Client Project Name/Number: Alexander Hamilton High School ELM. 1005.23.IH

Sampled By: Nicholas Coon — Name (Print or Type) — Nicholas Coon — Signature — 3/1/23 — Date

Submitted By: Nicholas Coon — Name (Print or Type) — Nicholas Coon — Signature — 3/1/23 — Date

Comments: _____

FOR LABORATORY USE ONLY

Account Number: 950294

Received By: Meghan Nazzaro — MAR 1 '23 16:11

EASTERN ANALYTICAL SERVICES, INC.

BULK SAMPLE DATA SHEET

Date Collected: 3/1/23
Collected By: V. Coon
Date Received:
Date Analyzed:
Analyzed By:
Time:
Signature:

EAS Client: Reg Com
Address:

Client Project Number/Name
RE: Alexander Hamilton

Turn-Around: ☐03 Hr ☐06 Hr ☐12 Hr ☐24 Hr ☐30 Hr ☐48 Hr ☐72 Hr ☐96 Hr ☐5 Day ☑Other 2 weeks (10 days)

Sample Number	Sample Location	Sample Description	Result
2899747 1A	Kitchen Serving area	Sink #1 L→R	
2899748 2A	" " "	Sink #2 L→R	
2899749 3A	Kitchen Prep area Island	Sink	
2899750 4A	Cafeteria	Bottle Filler	
2899751 5A	" "	Bubbler	
2899752 6A	Hallway by Room 328	Ceramic water fountain Bubbler	
2899753 7A	Staff Lounge	Sink	
2899754 8A	Hallway by Room 234	Bubbler	
2899755 9A	Hallway by Room 208	Bottle Filler	
2899756 10A	" " "	Bubbler	

Comments:

MAR 1'23 16:11

BULKDATA.FRM
04/16/2014

EASTERN ANALYTICAL SERVICES, INC.

BULK SAMPLE DATA SHEET

Date Collected: 3/1/23
Collected By: N. Coon
Date Received:
Date Analyzed:
Analyzed By:
Time:
Signature:

EAS Client: Reg Com
Address:

Client Project Number/Name
RE: Alexander Hamilton

Turn-Around ☐03 Hr ☐06 Hr ☐12 Hr ☐24 Hr ☐30 Hr ☐48 Hr ☐72 Hr ☐96 Hr ☐5 Day ☑Other 2 weeks (10 days)

Sample Number	Sample Location	Sample Description	Result
2899757 11A	Small office in Room 219	Sink	
2899758 12A	Weight Room Locker area	Spigot	
2899759 13A	Weight Room	~~Bubbler~~ Bottle Filler	
2899760 14A	" "	Bubbler	
2899761 15A	Board Room	Sink	
2899762 16A	Room 117	Sink #1 L->R	
2899763 17A	" "	Sink #2 L->R	
2899764 18A	" "	Sink #3 L->R	
2899765 19A	Room 125	Sink	
2899766 20A	Nurses office	Sink	

Comments:

MAR 1'23 16:11

EASTERN ANALYTICAL SERVICES, INC.

BULK SAMPLE DATA SHEET

Date Collected: 3/1/23
Collected By: N. Coon
Date Received:
Date Analyzed:
Analyzed By:
Time:
Signature:

EAS Client: Reg Com
Address:

Client Project Number/Name
RE: Alexander Hamilton

Turn-Around: ☐03 Hr ☐06 Hr ☐12 Hr ☐24 Hr ☐30 Hr ☐48 Hr ☐72 Hr ☐96 Hr ☐5 Day ☑Other 2weeks (10 days)

Sample Number	Sample Location	Sample Description	Result
2899767 21A	GYM	Bottle Filler	
2899768 22A	GYM	Bubbler	
2899769	BLANK		

Comments:

MAR 1'23 16:11

Eastern Analytical Services, Inc.

Water Sample Report

RE: CPN ELM.1005.23.IH - Alice Grady School

Date Collected: 03/01/2023
Collected By: Nicholas Coon
Date Received: 03/01/2023
Date Analyzed: 03/08/2023
Analyzed By: Ernest Sanchez
Signature:
Analyte: Pb Water
Analytical Method: EPA 200.9
NYS Lab Number: 10851

Client: RegCom
245 Albany Avenue
Thornwood, NY 10594

Sample ID# / Lab ID#	Sample Location	Sample Notes	Concentration
1G 2899780	Hallway by Room 207	Bottle Filler	BDL < 0.001 mg/L
2G 2899781	Room 211	Sink	BDL < 0.001 mg/L
3G 2899782	Room 213	Sink	BDL < 0.001 mg/L
4G 2899783	Room 215	Sink	0.007 mg/L
5G 2899784	Room 217	Sink	BDL < 0.001 mg/L
6G 2899785	Teachers Lounge	Sink	0.004 mg/L
7G 2899786	Kitchen	Sink #3 (Left to Right)	0.007 mg/L
8G 2899787	Kitchen	Sink #4 (Left to Right)	0.008 mg/L
9G 2899788	Nurses Office	Sink #1 (Left to Right)	0.002 mg/L

BDL = Below Detectable Limits
Liability Limited to Cost of Analysis
Results Applicable to Those Items Tested

Eastern Analytical Services, Inc.

Water Sample Report

RE: CPN ELM.1005.23.IH - Alice Grady School

Date Collected: 03/01/2023
Collected By: Nicholas Coon
Date Received: 03/01/2023
Date Analyzed: 03/08/2023
Analyzed By: Ernest Sanchez
Signature:
Analyte: Pb Water
Analytical Method: EPA 200.9
NYS Lab Number: 10851

Client: RegCom
245 Albany Avenue
Thornwood, NY 10594

Sample ID# / Lab ID#	Sample Location	Sample Notes	Concentration
10G 2899789	Nurses Office	Sink #2 (Left to Right)	0.011 mg/L
11G 2899790	Room 233	Sink	0.001 mg/L
12G 2899791	Room 232	Sink	BDL < 0.001 mg/L
13G 2899792	Room 235	Sink	0.006 mg/L
14G 2899793	Room 234	Sink	BDL < 0.001 mg/L
15G 2899794	Room 133	Sink	0.002 mg/L
16G 2899795	Hallway by Room 133	Bubbler	0.065 mg/L
17G 2899796	Room 134	Sink	0.034 mg/L
18G 2899797	Room 132	Sink	0.011 mg/L

BDL = Below Detectable Limits
Liability Limited to Cost of Analysis
Results Applicable to Those Items Tested
Rhode Island DOH No. LAO00107 Massachusetts DOL No. A A 000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AL-709936

Eastern Analytical Services, Inc.

Water Sample Report

RE: CPN ELM.1005.23.IH - Alice Grady School

Date Collected: 03/01/2023
Collected By: Nicholas Coon
Date Received: 03/01/2023
Date Analyzed: 03/08/2023
Analyzed By: Ernest Sanchez
Signature:
Analyte: Pb Water
Analytical Method: EPA 200.9
NYS Lab Number: 10851

Client: RegCom
245 Albany Avenue
Thornwood, NY 10594

Sample ID# / Lab ID#	Sample Location	Sample Notes	Concentration
19G 2899798	Room 135	Sink	BDL < 0.001 mg/L
20G 2899799	Room 128	Sink	BDL < 0.001 mg/L
21G 2899800	Room 129	Sink	BDL < 0.001 mg/L
22G 2899801	Room 127	Sink	BDL < 0.001 mg/L
23G 2899802	Room 126	Sink	BDL < 0.001 mg/L
24G 2899803	Hallway by Room 120	Bubbler	BDL < 0.001 mg/L
25G 2899804	Gym	Bubbler #1 (Left to Right)	BDL < 0.001 mg/L
26G 2899805	Gym	Bubbler #2 (Left to Right)	BDL < 0.001 mg/L
27G 2899806	Room 117	Sink	0.002 mg/L

BDL = Below Detectable Limits
Liability Limited to Cost of Analysis
Results Applicable to Those Items Tested

Eastern Analytical Services, Inc.

Water Sample Report

RE: CPN ELM.1005.23.IH - Alice Grady School

Date Collected: 03/01/2023
Collected By: Nicholas Coon
Date Received: 03/01/2023
Date Analyzed: 03/08/2023
Analyzed By: Ernest Sanchez
Signature:
Analyte: Pb Water
Analytical Method: EPA 200.9
NYS Lab Number: 10851

Client: RegCom
245 Albany Avenue
Thornwood, NY 10594

Sample ID# / Lab ID#	Sample Location	Sample Notes	Concentration
28G 2899807	Room 115	Sink	BDL < 0.001 mg/L
29G 2899808	Room 113	Sink	0.001 mg/L
30G 2899809	Room 111	Sink	BDL < 0.001 mg/L
31G 2899810	Hallway by Room 107	Bubbler	0.001 mg/L
32G 2899811	Not Applicable	Blank	BDL < 0.001 mg/L

Eastern Analytical Services, Inc.

4 Westchester Plaza - Elmsford, NY 10523
www.EASInc.com
914-592-8380

CHAIN OF CUSTODY

EAS Client: Reg Com
245 Albany Ave
Thornwood NY 10594

No. of Samples: 31 + 1 Blank

Turn-Around: ☐03Hr ☐06Hr ☐12Hr ☐24Hr ☐30Hr ☐48Hr ☐72Hr ☐96Hr ☐5Day ☒Other 2weeks (10 days)

Analyte:

Asbestos	Lead	Fungi
☐ PLM	☐ Solid	☐ Spore Trap
☐ NOB PLM Only	☐ Dust	☐ Tape Lift
☐ NOB TEM Only	☐ Air	
☐ NOB PLM/TEM	☒ Water	**Other**
☐ NOB TEM/PLM	☐ Other	**Analyte**
☐ Air 7400 (PCM)	_____	_____
☐ Air AHERA (TEM)		
☐ Air 7402 (TEM)	**TCLP**	
☐ Water (TEM)	☐ Pb Only	
☐ Other _____	☐ 8 RCRA	

Shipped Via: ☐ US Mail ☒ Walk In ☐ FedEx ☐ US Exp ☐ UPS ☐ Courier ☐ Drop Box ☐ Other _____

State of Origin: ☑ NY ☐ CT ☐ NJ ☐ PA ☐ MA ☐ RI ☐ ME ☐ VT ☐ Other _____

Sample Disposition: ✓ (Std.) _____ (Return)

Client Project Name/Number: Alice Grady School ELM.1005.25.IH

Sampled By: Nicholas Coon — Name (Print or Type) — Signature — 3/1/23 Date

Submitted By: Nicholas Coon — Name (Print or Type) — Signature — 3/1/23 Date

Comments: _____

FOR LABORATORY USE ONLY

Account Number: _____

Received By: Meghan Wallace MAR 1'23 16:11

EASTERN ANALYTICAL SERVICES, INC.

BULK SAMPLE DATA SHEET

Date Collected: 3/1/23
Collected By: N. Coon
Date Received:
Date Analyzed:
Analyzed By:
Time:
Signature:

EAS Client: Reg Com
Address:

Client Project Number/Name
RE: Alice Grady

Turn-Around: ☐03 Hr ☐06 Hr ☐12 Hr ☐24 Hr ☐30 Hr ☐48 Hr ☐72 Hr ☐96 Hr ☐5 Day ☐Other

Sample Number	Sample Location	Sample Description	Result
2899780 1G	Hallway by 207	Bottle Filler	
2899781 2G	Room 211	Sink	
2899782 3G	Room 213	" "	
2899783 4G	Room 215	" "	
2899784 5G	Room 217	" "	
2899785 6G	Teachers Lounge	" "	
2899786 7G	Kitchen	Sink #3 L→R	
2899787 8G	" "	Sink #4 L→R	
2899788 9G	Nurses office	Sink #1 L→R	
2899789 10G	" "	Sink #2 L→R	

Comments:

MAR 1'23 16:11

EASTERN ANALYTICAL SERVICES, INC.

BULK SAMPLE DATA SHEET

Date Collected: 3/1/23
Collected By: N. Coon
Date Received:
Date Analyzed:
Analyzed By:
Time:
Signature:

EAS Client: Reycom
Address:

Client Project Number/Name
RE: Grady School

Turn-Around: ☐03 Hr ☐06 Hr ☐12 Hr ☐24 Hr ☐30 Hr ☐48 Hr ☐72 Hr ☐96 Hr ☐5 Day ☒Other 2 weeks (Clodays)

Sample Number	Sample Location	Sample Description	Result
2899790 11G	Room 233	SinK	
2899791 12G	Room 232	" "	
2899792 13G	Room 235	" "	
2899793 14G	Room 234	" "	
2899794 15G	Room 133	" "	
2899795 16G	Hallway by Room 133	Bubbler	
2899796 17G	Room 134	SinK	
2899797 18G	Room 132	" "	
2899798 19G	Room 135	" "	
2899799 20G	Room 128	" "	

Comments:

MAR 1'23 16:11

EASTERN ANALYTICAL SERVICES, INC.

BULK SAMPLE DATA SHEET

Date Collected: 3/1/23
Collected By: N. Coon
Date Received:
Date Analyzed:
Analyzed By:
Time:
Signature:

EAS Client: Reg Com
Address:

Client Project Number/Name
RE: Grady School

Turn-Around: ☐03 Hr ☐06 Hr ☐12 Hr ☐24 Hr ☐30 Hr ☐48 Hr ☐72 Hr ☐96 Hr ☐5 Day ☒Other 2 weeks (10 days)

Sample Number	Sample Location	Sample Description	Result
2899800 21G	Room 129	Sink	
2899801 22G	Room 127	" "	
2899802 23G	Room 126	" "	
2899803 24G	Hallway by Room 120	Bubbler	
2899804 25G	GYM	Bubbler #1 L->R	
2899805 26G	GYM	Bubbler # 2 L->R	
2899806 27G	Room 117	Sink	
2899807 28G	Room 115	" "	
2899808 29G	Room 113	" "	
2899809 30G	Room 111	" "	
2899810 31G	Hallway by 107	Bubbler	

Comments:

2899811 • One Blank added

MAR 1'23 16:11

BULKDATA.FRM
04/16/2014

Eastern Analytical Services, Inc.

Water Sample Report

RE: CPN ELM.1005.23.IH - Carl Dixon School

Date Collected: 03/01/2023
Collected By: Nicholas Coon
Date Received: 03/01/2023
Date Analyzed: 03/08/2023
Analyzed By: Ernest Sanchez
Signature:
Analyte: Pb Water
Analytical Method: EPA 200.9
NYS Lab Number: 10851

Client: RegCom
245 Albany Avenue
Thornwood, NY 10594

Sample ID# / Lab ID#	Sample Location	Sample Notes	Concentration
1D 2899770	Hallway by Room 101	Bottle Filler	BDL < 0.001 mg/L
2D 2899771	Hallway by Room 101	Bubbler	BDL < 0.001 mg/L
3D 2899772	Main Office	Sink	0.005 mg/L
4D 2899773	Hallway by Room 201	Bubbler	BDL < 0.001 mg/L
5D 2899774	Nurses Office	Sink	0.007 mg/L
6D 2899775	Room 201	Sink	BDL < 0.001 mg/L
7D 2899776	Room 106	Sink	0.002 mg/L
8D 2899777	Annex Building by Room 14	Bottle Filler	BDL < 0.001 mg/L
9D 2899778	Annex Building by Room 14	Bubbler	BDL < 0.001 mg/L

BDL = Below Detectable Limits
Liability Limited to Cost of Analysis
Results Applicable to Those Items Tested

Eastern Analytical Services, Inc.

Water Sample Report

RE: CPN ELM.1005.23.IH - Carl Dixon School

Date Collected: 03/01/2023
Collected By: Nicholas Coon
Date Received: 03/01/2023
Date Analyzed: 03/08/2023
Analyzed By: Ernest Sanchez
Signature:
Analyte: Pb Water
Analytical Method: EPA 200.9
NYS Lab Number: 10851

Client: RegCom
245 Albany Avenue
Thornwood, NY 10594

Sample ID# / Lab ID#	Sample Location	Sample Notes	Concentration
10D 2899779	Not Applicable	Blank	BDL < 0.001 mg/L

BDL = Below Detectable Limits
Liability Limited to Cost of Analysis
Results Applicable to Those Items Tested

Eastern Analytical Services, Inc.

4 Westchester Plaza - Elmsford, NY 10523
www.EASInc.com
914-592-8380

CHAIN OF CUSTODY

EAS Client: ReyCon
245 Albany Ave
Thornwood NY 10594

No. of Samples: 9 + 1 Blank

Turn-Around: ☐03Hr ☐06Hr ☐12Hr ☐24Hr ☐30Hr ☐48Hr ☐72Hr ☐96Hr ☐5Day ☑Other 2 weeks (10 days)

Analyte:

Asbestos	Lead	Fungi
☐ PLM	☐ Solid	☐ Spore Trap
☐ NOB PLM Only	☐ Dust	☐ Tape Lift
☐ NOB TEM Only	☐ Air	
☐ NOB PLM/TEM	☑ Water	**Other**
☐ NOB TEM/PLM	☐ Other	**Analyte**
☐ Air 7400 (PCM)	_____	_____
☐ Air AHERA (TEM)		
☐ Air 7402 (TEM)	**TCLP**	
☐ Water (TEM)	☐ Pb Only	
☐ Other _____	☐ 8 RCRA	

Shipped Via: ☐ US Mail ☑ Walk In ☐ FedEx ☐ US Exp ☐ UPS ☐ Courier ☐ Drop Box ☐ Other _____

State of Origin: ☑ NY ☐ CT ☐ NJ ☐ PA ☐ MA ☐ RI ☐ ME ☐ VT ☐ Other _____

Sample Disposition: ✓ (Std.) _____ (Return)

Client Project Name/Number: Carl Dixon School ELM.1005.23.IH

Sampled By: Nicholas Coon — Name (Print or Type) — Nicholas Coon — Signature — 3/1/23 — Date

Submitted By: Nicholas Coon — Name (Print or Type) — Nicholas Coon — Signature — 3/1/23 — Date

Comments: _____

FOR LABORATORY USE ONLY

Account Number: _____

Received By: Meghan Nunez _____ MAR 1'23 16:11

EASTERN ANALYTICAL SERVICES, INC.

BULK SAMPLE DATA SHEET

Date Collected: 3/1/23
Collected By: N. Coon
Date Received:
Date Analyzed:
Analyzed By:
Time:
Signature:

EAS Client: Reg Com
Address:

Client Project Number/Name
RE: Carl Dixon School

Turn-Around: ☐03 Hr ☐06 Hr ☐12 Hr ☐24 Hr ☐30 Hr ☐48 Hr ☐72 Hr ☐96 Hr ☐5 Day ☐Other 2 weeks (10 days)

Sample Number	Sample Location	Sample Description	Result
2899770 1D	Hallway by Room 101	Bottle Filler	
2899771 2D	" " " "	Bubbler	
2899772 3D	Main office	Sink	
2899773 4D	Hallway by Room 201	Bubbler	
2899774 5D	Nurses office	Sink	
2899775 6D	Room 201	" "	
2899776 7D	Room 106	" "	
2899777 8D	Annex Building by Room 14	Bottle Filler	
2899778 9D	" " " "	Bubbler	
2899779	BLANK		

Comments:

MAR 1'23 16:11

Remediation Activities

Remediation Actions
March 2023

Building	Location	Fixture	Results (mg/L)	Action Limit (mg/L)	Compliant (Y/N)	Remediation
Hamilton School	Kitchen Serving Area	Sink #1	0.012	0.005	N	Sign Posted " Non-potable water, not for drinking or cooking"
Hamilton School	Hallway By Room 234	Bubbler	0.029	0.005	N	Unit Deactivated
Hamilton School	Small Office in Room 219	Sink	0.008	0.005	N	Sign Posted "Do not use for drinking"
Hamilton School	Weight Room Locker Area	Spigot	0.019	0.005	N	Sign Posted "Do not use for drinking"
Hamilton School	Weight Room	Bottle Filler	0.007	0.005	N	Unit Deactivated
Hamilton School	Weight Room	Bubbler	0.006	0.005	N	Unit Deactivated
Hamilton School	Room 125	Sink	0.010	0.005	N	Sign Posted "Do not use for drinking"
Dixson	Nurses Office	Sink	0.007	0.005	N	Sign Posted "Do not use for drinking"
Grady School	Room 215	Sink	0.007	0.005	N	Sign Posted "Do not use for drinking"
Grady School	Kitchen	Sink #3	0.007	0.005	N	Sign Posted " Non-potable water, not for drinking or cooking"
Grady School	Kitchen	Sink #4	0.008	0.005	N	Sign Posted " Non-potable water, not for drinking or cooking"

Building	Location	Fixture	Results (mg/L)	Action Limit (mg/L)	Compliant (Y/N)	Remediation
Grady School	Nurses Office	Sink #2	0.011	0.005	N	Sign Posted "Do not use for drinking"
Grady School	Room 235	Sink	0.006	0.005	N	Sign Posted "Do not use for drinking"
Grady School	Hallway Near Room 133	Bubbler	0.065	0.005	N	Unit Deactivated
Grady School	Room 134	Sink	0.034	0.005	N	Sign Posted "Do not use for drinking"
Grady School	Room 132	Sink	0.011	0.005	N	Sign Posted "Do not use for drinking