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FOLLOW-UP LEAD IN DRINKING WATER TESTING REPORT

Conducted for:

Bayonne Board of Education
669 Avenue A
Bayonne, New Jersey 07002

Conducted at:

Horace Mann Community School
25 W 38th Street
Bayonne, New Jersey 07002

Submitted by:

McCabe Environmental Services, L.L.C.
464 Valley Brook Avenue
Lyndhurst, New Jersey 07071

REPORT DATE: January 5, 2023

MES PROJECT NO.: 22-04512

Prepared by:

A handwritten signature in blue ink, appearing to read 'Brandon Soto'.

Brandon Soto
Environmental Scientist

Signed for the Company by:

A handwritten signature in blue ink, appearing to read 'John H. Chiaviello'.

John H. Chiaviello
Vice President

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1.0 INTRODUCTION

McCabe Environmental Services, L.L.C. (McCabe) was retained by Bayonne Board of Education (Client) to conduct lead in drinking water testing at Horace Mann Community School located at 25 W 38th Street, Bayonne, New Jersey 07002.

The project information is as follows:

| | |
|----------------------------|---|
| <u>Client Name:</u> | Bayonne Board of Education |
| <u>Contact Person:</u> | Mr. Daniel Castles |
| <u>Project Name:</u> | Horace Mann Community School – Lead in Drinking Water - Follow-Up |
| <u>Project Location:</u> | 25 W 38 th Street Bayonne, New Jersey 07002 |
| <u>Date(s) of Service:</u> | September 1, 2022 – November 19, 2022 |
| <u>McCabe Personnel:</u> | Gerard D'Alessio & Brandon Soto |

2.0 SCOPE OF WORK

Drinking water testing was performed at Horace Mann Community School on September 1, 2022. The purpose of the testing was to determine if the building's plumbing was having an adverse impact on water quality, specifically with regard to lead concentrations. Samples were collected from various potential drinking water outlets located throughout the building. Follow-up drinking water testing was then performed at the failed locations throughout Horace Mann Community School on November 19, 2022. The failed location was re-sampled with a first draw sample and immediately followed up with a thirty (30) second flush sample. Samples were collected from areas that exceeded the regulatory standards on September 1, 2022.

3.0 PROCEDURES

After determining which outlets would be sampled, McCabe personnel collected a "first draw" sample at each location. A "first draw" is the initial water that is first to come out of the tap after a period of inactivity. Following the "first draw", a "30 second flush" sample was also collected closest to where the main service line comes into the building. On November 19, 2022, McCabe returned to conduct follow-up sampling of all failed locations. This consisted of a first draw followed by a 30 second flush at each failed outlet throughout the school. All samples were collected into 250 mL sterile bottles, labeled with a sample identification, and analyzed in accordance with EPA approved methods to determine the level of lead in drinking water. Samples were analyzed by an accredited laboratory.

The U.S. Environmental Protection Agency (EPA) has established National Primary Drinking Water Regulations (NPDWR) that set mandatory water quality standards for drinking water contaminants. These are enforceable standards called "maximum contaminant levels" or "MCL", which are established to protect the public against consumption of drinking water contaminants that present a risk to human health. An MCL is the maximum allowable amount of a contaminant in drinking water which is delivered to the consumer.

The EPA has established the Lead and Copper Rule that sets standards for state and public water systems. This rule has set an MCL for lead at 15 parts per billion (ppb) for a one liter sample. However, the EPA also established the

Lead in Drinking Water at Schools and Child Care Facilities in which the EPA recommends an MCL of 20 ppb for a 250 milliliter first draw sample. In order to be more stringent, for our report purposes we have compared all results to both the 15 ppb and the 20 ppb standards.

4.0 TABLE OF SAMPLE RESULTS

The following table presents all sample results in order of sample identification:

| Sample ID | Sample Location | Lead Result | Exceeds (MCL 15 ppb) | Exceeds (MCL 20 ppb) |
|------------------|--|--------------------|---------------------------------|-------------------------------------|
| HM-01 | First Draw – Room B4 (PTA) Faucet | 13.4 | Pass | Pass |
| HM-02 | 30 Second Flush – Room B4 (PTA) Faucet | 1.2 | Pass | Pass |
| HM-03 | First Draw – Basement Bubbler by Elevator – Left | 0.8 | Pass | Pass |
| HM-04 | First Draw – Basement Bubbler by Elevator – Right | 0.9 | Pass | Pass |
| HM-05 | First Draw – Room B1 Faucet | 2.9 | Pass | Pass |
| HM-06 | First Draw – Room B11 Faucet | 2 | Pass | Pass |
| HM-07 | First Draw – Room 102 Faucet | 9.6 | Pass | Pass |
| HM-08 | 30 Second Flush – Room 102 Faucet | 1.8 | Pass | Pass |
| HM-09 | First Draw – Bubbler by Room 101 | 12.2 | Pass | Pass |
| HM-10 | First Draw – Room 101 Faucet | 3.6 | Pass | Pass |
| HM-11 | First Draw – Bubbler by Office | 11.5 | Pass | Pass |
| HM-12 | First Draw – Room 114 Faucet | 1.2 | Pass | Pass |
| HM-13 | First Draw – Teacher Café Water Fountain | 1.7 | Pass | Pass |
| HM-14 | First Draw – Teacher Café Faucet | 0.5 | Pass | Pass |
| HM-15 | First Draw – Nurse’s Office Faucet | 1.4 | Pass | Pass |
| HM-16 | First Draw – Room 109 Faucet | 3.2 | Pass | Pass |
| HM-17 | First Draw – Bubbler by Room 204 | 19.5 | Fail | Pass |

| Sample ID | Sample Location | Lead Result | Exceeds (MCL 15 ppb) | Exceeds (MCL 20 ppb) |
|-----------|--|-------------|----------------------|----------------------|
| HM-17A | First Draw – Bubblers by Room 204 | 5.5 | Pass | Pass |
| HM-17B | 30 Second Flush – Bubblers by Room 204 | 4.4 | Pass | Pass |
| HM-20A | First Draw – Bubblers by Room 303 | 3.6 | Pass | Pass |
| HM-20B | 30 Second Flush – Bubblers by Room 303 | 2.5 | Pass | Pass |

5.0 DISCUSSION AND CONCLUSION

A total of twenty-one (21) samples were collected from Horace Mann Community School located at 25th W 38th Street, Bayonne, New Jersey 07002. Two (2) samples were found to be greater than the EPA Lead and Copper Rule standard of 15 ppb but were below 20 ppb. All other samples were found to be less than the EPA standards of 20 ppb and 15 ppb.

McCabe recommended discontinued usage of the following outlets which resulted in failed results until additional samples can be collected and analyzed and a permanent solution can be recommended:

- **Bubbler by Room 204**
- **Bubbler by Room 303**

As a follow-up to drinking water testing conducted on August 19, 2022, McCabe conducted a follow-up testing November 19, 2022. A total of four (4) samples were collected from Horace Mann Community School located at 25 W 38th Street, Bayonne, New Jersey 07002.

Concentrations that exceeded the regulatory standards for lead during the initial September 1, 2022 testing, as established by the EPA, were re-sampled on November 19, 2022. All samples taken during the follow-up inspection were below the regulatory standard.

McCabe recommends a minimum 30 second flush before each use of outlets that were re-sampled during this follow up inspection.

In addition, McCabe Environmental recommends annual drinking water sampling to ensure that the building's plumbing is not having an adverse impact on water quality.

APPENDIX A

**LABORATORY CERTIFICATES OF ANALYSIS
&
SAMPLE CHAIN OF CUSTODY FORMS**



Thursday, December 01, 2022

Attn: Jarred Panecki
McCabe Environmental Services, LLC
464 Valley Brook Avenue
Lyndhurst, New Jersey 07071

Project ID: BAYONNE BOARD OF EDUCATION
SDG ID: GCM90794
Sample ID#s: CM90794 - CM90797

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

A handwritten signature in black ink, appearing to read "Phyllis Shiller".

Phyllis Shiller

Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



Sample Id Cross Reference

December 01, 2022

SDG I.D.: GCM90794

Project ID: BAYONNE BOARD OF EDUCATION

| Client Id | Lab Id | Matrix |
|-----------|---------|----------------|
| HM-17A | CM90794 | DRINKING WATER |
| HM-17B | CM90795 | DRINKING WATER |
| HM-20A | CM90796 | DRINKING WATER |
| HM-20B | CM90797 | DRINKING WATER |



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Analysis Report

December 01, 2022

FOR: Attn: Jarred Panecki
McCabe Environmental Services, LLC
464 Valley Brook Avenue
Lyndhurst, New Jersey 07071

Sample Information

Matrix: DRINKING WATER
Location Code: MCCABE-PB
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: CP
Analyzed by: see "By" below

Date

11/19/22 8:57
11/22/22 17:02

Time

Laboratory Data

SDG ID: GCM90794
Phoenix ID: CM90794

Project ID: BAYONNE BOARD OF EDUCATION
Client ID: HM-17A

| Parameter | Result | RL/ PQL | DIL | Units | AL | MCL | MCLG | Date/Time | By | Reference |
|-----------------------|-----------|------------|-----|-------|----|-----|------|-----------|-----|-----------|
| Lead | 5.5 | 0.5 | 2 | ppb | 15 | | | 11/29/22 | CPP | E200.8 |
| Total Metal Digestion | Completed | | | | | | | 11/24/22 | AG | E200.8 |

RL/PQL=Reporting/Practical Quantitation Level DIL=Dilution (analysis required diluting to evaluate) ND=Not Detected
BRL=Below Reporting Level (less than the reporting level, the lowest amount the laboratory can detect and report.)
AL = Action Level MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

Comments:

Action Level (AL): 40 CFR Part 141.80 Lead & Copper ALs.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
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Phyllis Shiller, Laboratory Director

December 01, 2022

Reviewed and Released by: Anil Makol, Project Manager



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Analysis Report

December 01, 2022

FOR: Attn: Jarred Panecki
McCabe Environmental Services, LLC
464 Valley Brook Avenue
Lyndhurst, New Jersey 07071

Sample Information

Matrix: DRINKING WATER
Location Code: MCCABE-PB
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: CP
Analyzed by: see "By" below

| Date | Time |
|----------|-------|
| 11/19/22 | 8:58 |
| 11/22/22 | 17:02 |

Laboratory Data

SDG ID: GCM90794
Phoenix ID: CM90795

Project ID: BAYONNE BOARD OF EDUCATION
Client ID: HM-17B

| Parameter | Result | RL/ PQL | DIL | Units | AL | MCL | MCLG | Date/Time | By | Reference |
|-----------------------|-----------|------------|-----|-------|----|-----|------|-----------|-----|-----------|
| Lead | 4.4 | 0.5 | 2 | ppb | 15 | | | 11/29/22 | CPP | E200.8 |
| Total Metal Digestion | Completed | | | | | | | 11/24/22 | AG | E200.8 |

RL/PQL=Reporting/Practical Quantitation Level DIL=Dilution (analysis required diluting to evaluate) ND=Not Detected
BRL=Below Reporting Level (less than the reporting level, the lowest amount the laboratory can detect and report.)
AL = Action Level MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

Comments:

Action Level (AL): 40 CFR Part 141.80 Lead & Copper ALs.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
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Phyllis Shiller, Laboratory Director

December 01, 2022

Reviewed and Released by: Anil Makol, Project Manager



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Analysis Report

December 01, 2022

FOR: Attn: Jarred Panecki
McCabe Environmental Services, LLC
464 Valley Brook Avenue
Lyndhurst, New Jersey 07071

Sample Information

Matrix: DRINKING WATER
Location Code: MCCABE-PB
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: CP
Analyzed by: see "By" below

| Date | Time |
|----------|-------|
| 11/19/22 | 9:00 |
| 11/22/22 | 17:02 |

Laboratory Data

SDG ID: GCM90794
Phoenix ID: CM90796

Project ID: BAYONNE BOARD OF EDUCATION
Client ID: HM-20A

| Parameter | Result | RL/ PQL | DIL | Units | AL | MCL | MCLG | Date/Time | By | Reference |
|-----------------------|-----------|------------|-----|-------|----|-----|------|-----------|-----|-----------|
| Lead | 3.6 | 0.5 | 2 | ppb | 15 | | | 11/29/22 | CPP | E200.8 |
| Total Metal Digestion | Completed | | | | | | | 11/24/22 | AG | E200.8 |

RL/PQL=Reporting/Practical Quantitation Level DIL=Dilution (analysis required diluting to evaluate) ND=Not Detected
BRL=Below Reporting Level (less than the reporting level, the lowest amount the laboratory can detect and report.)
AL = Action Level MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

Comments:

Action Level (AL): 40 CFR Part 141.80 Lead & Copper ALs.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director

December 01, 2022

Reviewed and Released by: Anil Makol, Project Manager



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Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

December 01, 2022

FOR: Attn: Jarred Panecki
McCabe Environmental Services, LLC
464 Valley Brook Avenue
Lyndhurst, New Jersey 07071

Sample Information

Matrix: DRINKING WATER
Location Code: MCCABE-PB
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: CP
Analyzed by: see "By" below

Date

11/19/22 9:01
11/22/22 17:02

Time

Laboratory Data

SDG ID: GCM90794
Phoenix ID: CM90797

Project ID: BAYONNE BOARD OF EDUCATION
Client ID: HM-20B

| Parameter | Result | RL/ PQL | DIL | Units | AL | MCL | MCLG | Date/Time | By | Reference |
|-----------------------|-----------|------------|-----|-------|----|-----|------|-----------|-----|-----------|
| Lead | 2.5 | 0.5 | 2 | ppb | 15 | | | 11/29/22 | CPP | E200.8 |
| Total Metal Digestion | Completed | | | | | | | 11/24/22 | AG | E200.8 |

RL/PQL=Reporting/Practical Quantitation Level DIL=Dilution (analysis required diluting to evaluate) ND=Not Detected
BRL=Below Reporting Level (less than the reporting level, the lowest amount the laboratory can detect and report.)
AL = Action Level MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

Comments:

Action Level (AL): 40 CFR Part 141.80 Lead & Copper ALs.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director

December 01, 2022

Reviewed and Released by: Anil Makol, Project Manager

Analysis Report - Summary

December 01, 2022

Attn: Jarred Panecki
McCabe Environmental Services, LLC
464 Valley Brook Avenue
Lyndhurst, New Jersey 07071



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587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

SDG I.D.: GCM90794



| Sample | Client Id | Col Date | Parameter | Result | RL | CL | Units | Date Analyzed | Reference |
|-------------------------------------|-----------|-------------|-----------|--------|-----|----|-------|------------------|-----------|
| Project: Bayonne Board Of Education | | | | | | | | | |
| CM90794 | HM-17A | 11/19/22 | Lead | 5.5 | 0.5 | | ppb | 11/29/22 | E200.8 |
| CM90795 | HM-17B | 11/19/22 | Lead | 4.4 | 0.5 | | ppb | 11/29/22 | E200.8 |
| CM90796 | HM-20A | 11/19/22 | Lead | 3.6 | 0.5 | | ppb | 11/29/22 | E200.8 |
| CM90797 | HM-20B | 11/19/22 | Lead | 2.5 | 0.5 | | ppb | 11/29/22 | E200.8 |

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level CL=Client Limit

Phyllis Shiller
Laboratory Director
December 01, 2022



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QA/QC Report

December 01, 2022

QA/QC Data

SDG I.D.: GCM90794

| Parameter | Blank | Blk RL | Sample Result | Dup Result | Dup RPD | LCS % | LCSD % | LCS RPD | MS % | MSD % | MS RPD | % Rec Limits | % RPD Limits |
|--|-------|-----------|------------------|---------------|------------|----------|-----------|------------|---------|----------|-----------|--------------------|--------------------|
| QA/QC Batch 653438 (mg/L), QC Sample No: CM90794 2X (CM90794, CM90795, CM90796, CM90797) | | | | | | | | | | | | | |
| <u>ICP MS Metals - Aqueous</u> | | | | | | | | | | | | | |
| Lead | BRL | 0.0001 | 0.0055 | 0.0053 | 3.70 | 104 | | | | 93.6 | | | |

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference

Phyllis Shiller, Laboratory Director
December 01, 2022

Criteria: NJ: DW
State: NJ

Sample Criteria Exceedances Report
GCM90794 - MCCABE-PB

| SampNo | Acode | Phoenix Analyte | Criteria | Result | RL | Criteria | RL Criteria | Analysis Units |
|--------|-------|-----------------|----------|--------|----|----------|----------------|-------------------|
|--------|-------|-----------------|----------|--------|----|----------|----------------|-------------------|

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.



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Analysis Comments

December 01, 2022

SDG I.D.: GCM90794

The following analysis comments are made regarding exceptions to criteria not already noted in the Analysis Report or QA/QC Report: None.

McCabe Environmental Services, L.L.C.

464 Valley Brook Avenue Lyndhurst, NJ 07071 • PHONE: (201) 438-4839 FAX: (201) 438-1798

NEW 21.0

LEAD in DRINKING WATER

CHAIN-OF-CUSTODY FORM

| | | | |
|--|--|---|--|
| CLIENT NAME: Bayonne Board of Education | | SITE ADDRESS: Horace Mann Community School 25 W 38th St, Bayonne, NJ 07002 | |
| FIELD INSPECTOR'S NAME: Gerard D'Alessio | | TURNAROUND TIME REQUESTED: 2-Week | |
| MES PROJECT #: 22-04512 | | SAMPLE DATE: 11/9/22 | |

| Matrix | SAMPLE ID | SAMPLE LOCATION | TIME COLLECTED | ANALYSIS REQUESTED |
|--------|-----------|-------------------------|----------------|--------------------|
| DW | HM-17A | FD - Bubble by Room 204 | 8:57 | LEAD - 200.8 |
| DW | HM-17B | 30 - Bubble by Room 204 | 8:58 | LEAD - 200.8 |
| DW | HM-20A | FD - Bubble by Room 303 | 9:00 | LEAD - 200.8 |
| DW | HM-20B | 30 - Bubble by Room 303 | 9:01 | LEAD - 200.8 |
| DW | | | | LEAD - 200.8 |
| DW | | | | LEAD - 200.8 |
| DW | | | | LEAD - 200.8 |
| DW | | | | LEAD - 200.8 |
| DW | | | | LEAD - 200.8 |
| DW | | | | LEAD - 200.8 |
| DW | | | | LEAD - 200.8 |

| | | |
|-------------------------------------|--|-------------|
| Relinquished by (Print) D. Bibeau | Date: 11/22/22 | Time: 10:30 |
| Signature: Denise Bibeau | Received by: (Print) Emma Johnson | Date: 11/22 |
| Relinquished by (Print) [Signature] | Signature: Emma Johnson | Time: 1702 |
| Signature: [Signature] | Laboratory Analysis Performed by (Analyst Signature, Laboratory Name & Location): Phoenix Environmental Laboratories | |

APPENDIX B

**SCHOOL DISTRICT SAMPLING
ATTACHMENTS**

Attachment A - List of Priority for Sampling

| SCHOOL NAME | DATE OF SAMPLING | CERTIFIED LABORATORY | NOTES |
|------------------------------|------------------|---|-------|
| Horace Mann Community School | 09/01/2022 | Phoenix Environmental Laboratories Inc. | |
| Horace Mann Community School | 11/19/22 | Phoenix Environmental Laboratories Inc. | |

Attachment B – Plumbing Profile

Note: Complete for each school. For additional information see the USEPA publication, "The 3Ts for Reducing Lead in Drinking Water in Schools"

Name of School: Horace Mann Community School Levels: K-8

Address: 25 West 38th St., Bayonne, NJ 07002

Individual school project officer Signature: Scott Nelson Date: August 2002

| Questions | Answers |
|--|--|
| Background Information | |
| 1. What year was the original building constructed? Were any buildings or additions added to the original facility? | K-8 Grade School Built in 1914 K-8 Grade School addition 1924 |
| 2. If the building was constructed or repaired after 1986, was lead-free plumbing and solder utilized? What type of solder was used? Document all locations where lead solder was used. | Any repairs made after 1986 were done using lead free solder |
| 3. Where are the most recent plumbing repairs and replacements? | <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> Location: Nurses Office 1st Floor Teachers Room Art Room </div> <div style="width: 45%;"> Description: Replacement faucet Replacement faucet Replacement faucet </div> </div> |
| 4. With what materials is the service connection (the pipe that carries water to the school from the public water system's main in the street) made? Where is the Service Line located? (This is the POE location.) | Material: Main Building - Duct Iron Location: The water main (39th St) enters near room B-4 (PTA room) where the water meter is located and continues to the remainder of the building |
| 5. Is there point of entry (POE) or point of use (POU) treatment in use? | <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> Y / N No treatment of water Type: at POE </div> <div style="width: 45%;"> Location: Main building 1924 </div> </div> |

| Questions | Answers |
|---|---|
| 6. Are there tanks in your plumbing system (pressure tanks, gravity storage tanks)? | Y / N Yes Building has a 75 gallon hot water storage tank located in the boiler room |
| 7. Does the school have a filter maintenance and operation program? If so, who is responsible for this program? What is the process for adding filters? | Yes, Scott Nolan, Andy McCabe, Vinny Caiola, change filters on an as needed basis assign plumbers |
| 8. Have accessible screens or aerators on outlets that provide drinking water been cleaned? Does the school have a screen or aerator maintenance program? | Y / N Yes The district has set-up a routine maintenance program to clean screens |
| 9. Have there been any complaints about bad (metallic) taste? Note location(s). | Y / N NO Location: |
| 10. Review records and consult with the public water supplier to determine whether any water samples have been taken in the building for any contaminants. If so, identify: <ul style="list-style-type: none"> Name of contaminant(s) Concentrations found pH level Is testing done regularly at the building? | No indoor testing by public water supplier |
| 11. Other plumbing background questions include: <ul style="list-style-type: none"> Are blueprints of the building available? Are there known plumbing "dead-ends", low use areas, existing leaks or other "problem areas"? Are renovations planned for any of the plumbing system? | Not all prints are available No dead-end low areas All leaks were identified during walk through and have been repaired No plumbing system renovations |

| Questions | | Answers |
|---|---|--|
| Walk-Through | | |
| <i>These questions should be addressed during the walk-through of the facility, while Attachment C- Drinking Water Outlet Inventory is being completed.</i> | | |
| 1. Confirm the material of Service Line visually. | | Duct iron |
| 2. Confirm the presence of POE or POU treatment. | | No POE or POU treatment |
| 3. What are the potable water pipes made of in your facility? | <ul style="list-style-type: none"> • Lead • Plastic • Galvanized Metal • Cast Iron • Copper • Other <p>Note the water flow through the building and the areas that receive water first, and which areas receive water last.</p> | <p>Cooper Galvanized Metal Brass</p> <p>Water flow through the building shown on the prints</p> |
| 4. Are electrical wires grounded to Water Pipes? Note location(s). | | <p>Y / N</p> <p>No</p> <p>No electrical wires grounded to water pipes</p> |
| 5. Are brass fittings, faucets, or valves used in your drinking water system? Note that most faucets are brass on the inside. Document the locations of any brass water outlet to be sampled. | | <p>Location:</p> <p>Complete in "Brass" Column in Attachment C- Water Outlet Inventory. Yes Completed in Attachment C - Water Outlet Inventory</p> |
| 6. Locate all drinking water outlets (i.e. water coolers, bubblers, ice machines, kitchen/ food prep sinks, etc.) in the facility. | | Complete in Attachment C-Water Outlet Inventory. |

| Questions | Answers |
|--|--|
| 7. Have the brands and models of the water coolers in the school been compared to the list of recalled water coolers in the Toolkit? | Y / N Yes all water coolers have been checked and compared to the list of recalled water coolers |
| Recalled Drinking Water Fountains | Type None on the list of recalled water coolers |
| Make and Model | Complete in "Signs of Corrosion" column in Attachment C- Drinking Water Outlet Inventory. |
| 8. Have signs of corrosion, such as frequent leaks, rust-colored water, or stained fixtures, dishes, or laundry been detected? Note the locations of water outlets. | Y / N |
| 9. Are there any outlets that are not operational and therefore out of service? Permanently? Temporarily? | Complete "Operational Column" in Attachment C- Drinking Water Outlet Inventory. |
| Permanently | Type/ Location |
| Temporarily | Description |

Attachment C – Drinking Water Outlet Inventory

Name of School: Horace Mann Community School Address: 25 W 38th Street, Bayonne, New Jersey 07002

Grade Levels: Elementary School Year School Constructed: Unknown Renovated/Additions: NA

Individual School Project Officer: Scott Nolan

Date Completed: 01/05/2023

| # ¹ | Type | Location | Code | Operational ² (Y/N) | Signs of Corrosion ³ (Y/N) | Filter ⁴ (Y/N) | Brass Fittings, Faucets or valves? (Y/N) | Aerator/ Screen (Y/N) | Motion Activated (Y/N) | Chiller (Y/N) | Water Cooler | | Comments |
|----------------|-------------------|---|-------|-----------------------------------|---|------------------------------|---|-----------------------------|------------------------------|------------------|--------------|-------|----------|
| | | | | | | | | | | | Make | Model | |
| 01 | Sink | Room B4 (PTA) | HM-01 | Y | N | N | N | Y | N | N | NA | NA | |
| 02 | Sink | Room B4 (PTA) | HM-02 | Y | N | N | N | Y | N | N | NA | NA | Flush |
| 03 | Water Fountain | Basement Bubbler by Elevator – Left | HM-03 | Y | N | Y | N | N | N | N | NA | NA | |
| 04 | Water Fountain | Basement Bubbler by Elevator – Right | HM-04 | Y | N | Y | N | N | N | N | NA | NA | |
| 05 | Sink | Room B1 | HM-05 | Y | N | N | N | Y | N | N | NA | NA | |
| 06 | Sink | Room B11 | HM-06 | Y | N | N | N | Y | N | N | NA | NA | |

¹ Number outlets starting at the closest outlet to the Point of Entry (POE).

² Document if permanently or temporarily out of service on the Attachment B- Plumbing Profile.

³ Signs of corrosion detected, such as but not limited to frequent leaks, rust-colored water, or stained fixtures, dishes, or laundry.

⁴ Document on Attachment D- Filter Inventory.

| | | | | | | | | | | | | | |
|----|----------------|-----------------------------|--------|---|---|---|---|---|---|---|----|----|-------|
| 07 | Sink | Room 102 | HM-07 | Y | N | N | N | Y | N | N | NA | NA | |
| 08 | Sink | Room 102 | HM-08 | Y | N | N | N | Y | N | N | NA | NA | Flush |
| 09 | Water Fountain | Bubbler by Room 101 | HM-09 | Y | N | N | N | N | N | N | NA | NA | |
| 10 | Sink | Room 101 | HM-10 | Y | N | N | N | Y | N | N | NA | NA | |
| 11 | Water Fountain | Bubbler by Office | HM-11 | Y | N | N | N | N | N | N | NA | NA | |
| 12 | Sink | Room 114 | HM-12 | Y | N | N | N | N | N | N | NA | NA | |
| 13 | Water Fountain | Teacher Café Water Fountain | HM-13 | Y | N | Y | N | N | N | Y | NA | NA | |
| 14 | Sink | Teacher Café Faucet | HM-14 | Y | N | Y | N | Y | N | N | NA | NA | |
| 15 | Sink | Nurse's Office Faucet | HM-15 | Y | N | N | N | Y | N | N | NA | NA | |
| 16 | Sink | Room 109 | HM-16 | Y | N | N | N | Y | N | N | NA | NA | |
| 17 | Water Fountain | Bubbler by Room 204 | HM-17 | Y | N | N | N | N | N | N | NA | NA | |
| 18 | Water Fountain | Bubbler by Room 217 | HM-18 | Y | N | N | N | N | N | N | NA | NA | |
| 19 | Water Fountain | Bubbler by 213 | HM-19 | Y | N | N | N | N | N | N | NA | NA | |
| 20 | Water Fountain | Bubbler by 303 | HM-20 | Y | N | Y | N | N | N | N | NA | NA | |
| 21 | Water Fountain | Bubbler by 317 | HM-21 | Y | N | N | N | N | N | N | NA | NA | |
| 22 | Water Fountain | Bubbler by Room 204 | HM-17A | Y | N | Y | N | N | N | N | NA | NA | |
| 23 | Water Fountain | Bubbler by Room 204 | HM-17B | Y | N | Y | N | N | N | N | NA | NA | |
| 24 | Water Fountain | Bubbler by 303 | HM-20A | Y | N | Y | N | N | N | N | NA | NA | |
| 25 | Water Fountain | Bubbler by 303 | HM-20B | Y | N | Y | N | N | N | N | NA | NA | |

¹ Number outlets starting at the closest outlet to the Point of Entry (POE).

¹ Document if permanently or temporarily out of service on the Attachment B- Plumbing Profile.

¹ Signs of corrosion detected, such as but not limited to frequent leaks, rust-colored water, or stained fixtures, dishes, or laundry.

¹ Document on Attachment D- Filter Inventory.

HM-17 was replaced and is a new fountain

Attachment D - Filter Inventory

Name of School: Horace Mann Community School Grade Levels: Elementary School

Address: 25 W 38th Street, Bayonne, New Jersey 07002

Individual School Project Officer: Scott Nolan

Date: 01/05/2023

| Sample Location / Code | Brand | Type (Make & Model) | Date Installed or Replaced | Replacement Frequency | NSF Certified for Lead Reduction Y/N |
|------------------------|---------------|---------------------|----------------------------|-----------------------|---|
| HM-01 | Unknown | N/A | N/A | N/A | N/A |
| HM-02 | Unknown | N/A | N/A | N/A | N/A |
| HM-03 | Halsey Taylor | HRFSB | N/A | N/A | N/A |
| HM-04 | Halsey Taylor | HRFSB | N/A | N/A | N/A |
| HM-05 | N/A | N/A | N/A | N/A | N/A |
| HM-06 | N/A | N/A | N/A | N/A | N/A |
| HM-07 | N/A | N/A | N/A | N/A | N/A |
| HM-08 | N/A | N/A | N/A | N/A | N/A |
| HM-09 | N/A | N/A | N/A | N/A | N/A |
| HM-10 | N/A | N/A | N/A | N/A | N/A |
| HM-11 | N/A | N/A | N/A | N/A | N/A |
| HM-12 | N/A | N/A | N/A | N/A | N/A |
| HM-13 | Elkay | N/A | N/A | N/A | N/A |
| HM-14 | 3M Aqua Pure | N/A | N/A | N/A | N/A |
| HM-15 | N/A | N/A | N/A | N/A | N/A |
| HM-16 | N/A | N/A | N/A | N/A | N/A |
| HM-17 | N/A | N/A | N/A | N/A | N/A |
| HM-18 | N/A | N/A | N/A | N/A | N/A |
| HM-19 | N/A | N/A | N/A | N/A | N/A |
| HM-20 | N/A | N/A | N/A | N/A | N/A |
| HM-21 | N/A | N/A | N/A | N/A | N/A |
| HM-17(A) | 3M Aqua Pure | N/A | N/A | N/A | N/A |
| HM-17(B) | 3M Aqua Pure | N/A | N/A | N/A | N/A |

| | | | | | |
|----------|-----------------|-----|-----|-----|-----|
| HM-20(A) | 3M Aqua Pure | N/A | N/A | N/A | N/A |
| HM-20(B) | 3M Aqua Pure | N/A | N/A | N/A | N/A |

Attachment E – Flushing Log

Name of School: Horace Mann Community SchoolAddress: 25 W 38th Street, Bayonne, New Jersey 07002Grade Levels: Elementary SchoolIndividual School Project Officer: Scott NolanDate: 01/05/2023

| Sample Location Description | Sample Location Code | Date | Time | Duration of Flushing | Reason for Flushing |
|--------------------------------------|----------------------|-------------------|---------|----------------------|---------------------|
| Room B4 (PTA) | HM-01 | August 31, 2022 | 5:30 pm | 2-3 Minutes | Water Sampling |
| Room B4 (PTA) | HM-02 | August 31, 2022 | 5:30 pm | 2-3 Minutes | Water Sampling |
| Basement Bubbler by Elevator – Left | HM-03 | August 31, 2022 | 5:30 pm | 2-3 Minutes | Water Sampling |
| Basement Bubbler by Elevator – Right | HM-04 | August 31, 2022 | 5:30 pm | 2-3 Minutes | Water Sampling |
| Room B1 | HM-05 | August 31, 2022 | 5:30 pm | 2-3 Minutes | Water Sampling |
| Room B11 | HM-06 | August 31, 2022 | 5:30 pm | 2-3 Minutes | Water Sampling |
| Room 102 | HM-07 | August 31, 2022 | 5:30 pm | 2-3 Minutes | Water Sampling |
| Room 102 | HM-08 | August 31, 2022 | 5:30 pm | 2-3 Minutes | Water Sampling |
| Bubbler by Room 101 | HM-09 | August 31, 2022 | 5:30 pm | 2-3 Minutes | Water Sampling |
| Room 101 | HM-10 | August 31, 2022 | 5:30 pm | 2-3 Minutes | Water Sampling |
| Bubbler by Office | HM-11 | August 31, 2022 | 5:30 pm | 2-3 Minutes | Water Sampling |
| Room 114 | HM-12 | August 31, 2022 | 5:30 pm | 2-3 Minutes | Water Sampling |
| Teacher Café Water Fountain | HM-13 | August 31, 2022 | 5:30 pm | 2-3 Minutes | Water Sampling |
| Teacher Café Faucet | HM-14 | August 31, 2022 | 5:30 pm | 2-3 Minutes | Water Sampling |
| Nurse's Office Faucet | HM-15 | August 31, 2022 | 5:30 pm | 2-3 Minutes | Water Sampling |
| Room 109 | HM-16 | August 31, 2022 | 5:30 pm | 2-3 Minutes | Water Sampling |
| Bubbler by Room 204 | HM-17 | November 18, 2022 | 5:30 pm | 2-3 Minutes | Water Sampling |
| Bubbler by Room 217 | HM-18 | August 31, 2022 | 5:30 pm | 2-3 Minutes | Water Sampling |
| Bubbler by 213 | HM-19 | August 31, 2022 | 5:30 pm | 2-3 Minutes | Water Sampling |
| Bubbler by 303 | HM-20 | August 31, 2022 | 5:30 pm | 2-3 Minutes | Water Sampling |

| | | | | | |
|---------------------|--------|-------------------|---------|-------------|----------------|
| Bubbler by 317 | HM-21 | August 31, 2022 | 5:30 pm | 2-3 Minutes | Water Sampling |
| Bubbler by Room 204 | HM-17A | November 18, 2022 | 5:30 pm | 2-3 Minutes | Water Sampling |
| Bubbler by Room 204 | HM-17B | November 18, 2022 | 5:30 pm | 2-3 Minutes | Water Sampling |
| Bubbler by 303 | HM-20A | November 18, 2022 | 5:30 pm | 2-3 Minutes | Water Sampling |
| Bubbler by 303 | HM-20B | November 18, 2022 | 5:30 pm | 2-3 Minutes | Water Sampling |

Attachment F - Pre - Sampling Water Use Certification

| TO BE COMPLETED BY THE BAYONNE BOE DISTRICT REPRESENTATIVE: | | |
|--|--|--------------------------------|
| School Name: <u>Horace Mann Community School</u> | | |
| Sample collection address: | <u>25 W 38th Street, Bayonne, New Jersey 07002</u> | |
| Water was last used: | <u>Time: 5:30 pm</u> | <u>Date: November 18, 2022</u> |
| Sample commencement: | <u>Time: 8:57 am</u> | <u>Date: November 19, 2022</u> |
| I have read the Lead Drinking Water Testing Sampling Plan and Quality Assurance Project Plan and I am certifying that samples were collected in accordance with these plans. | | |
| Scott Nolan | 01/05/23 | |
| Signature | Date | |

Key:

* = Drinking Water
Sampling Location

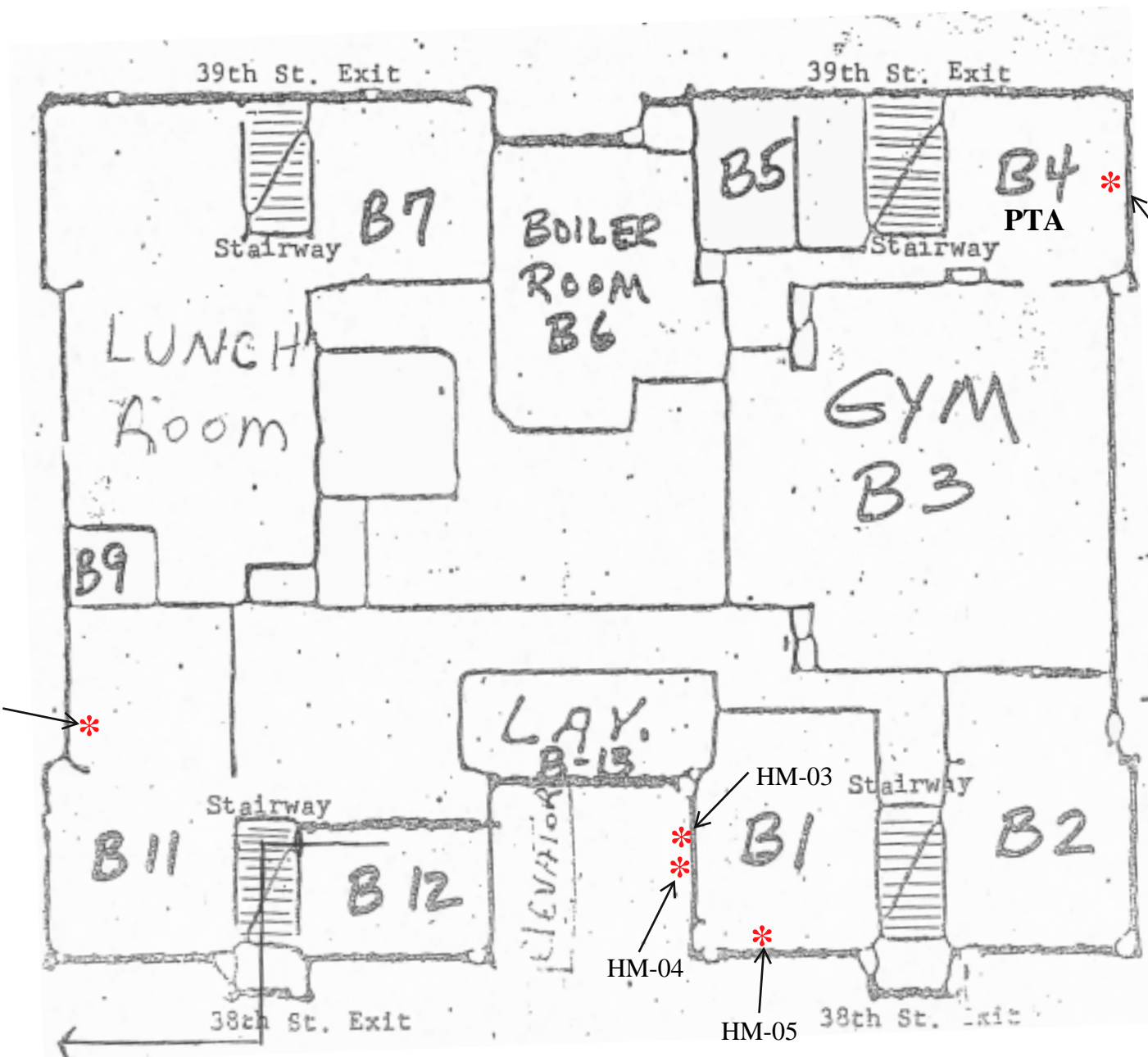
HM-06 → *

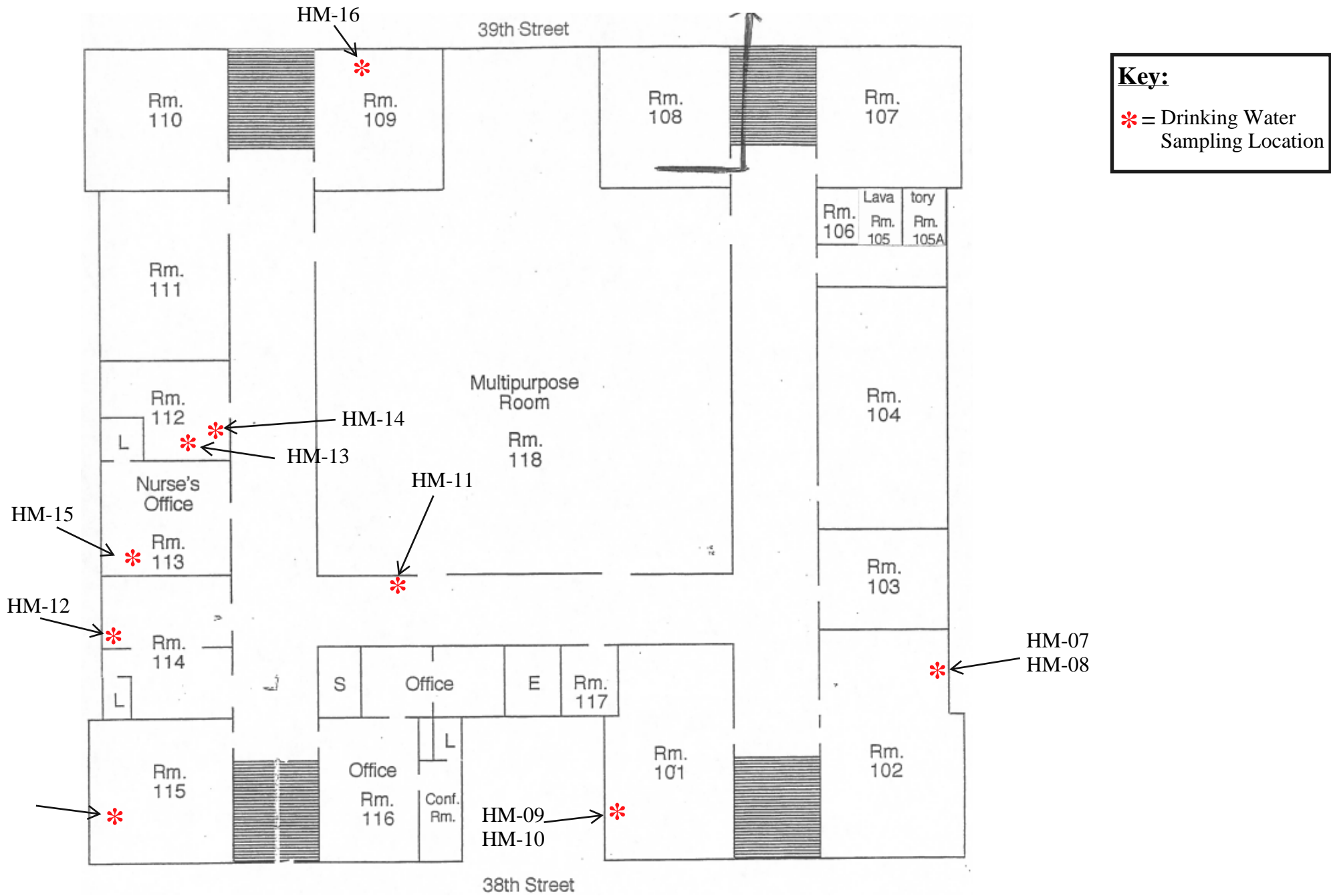
HM-01
HM-02 → *

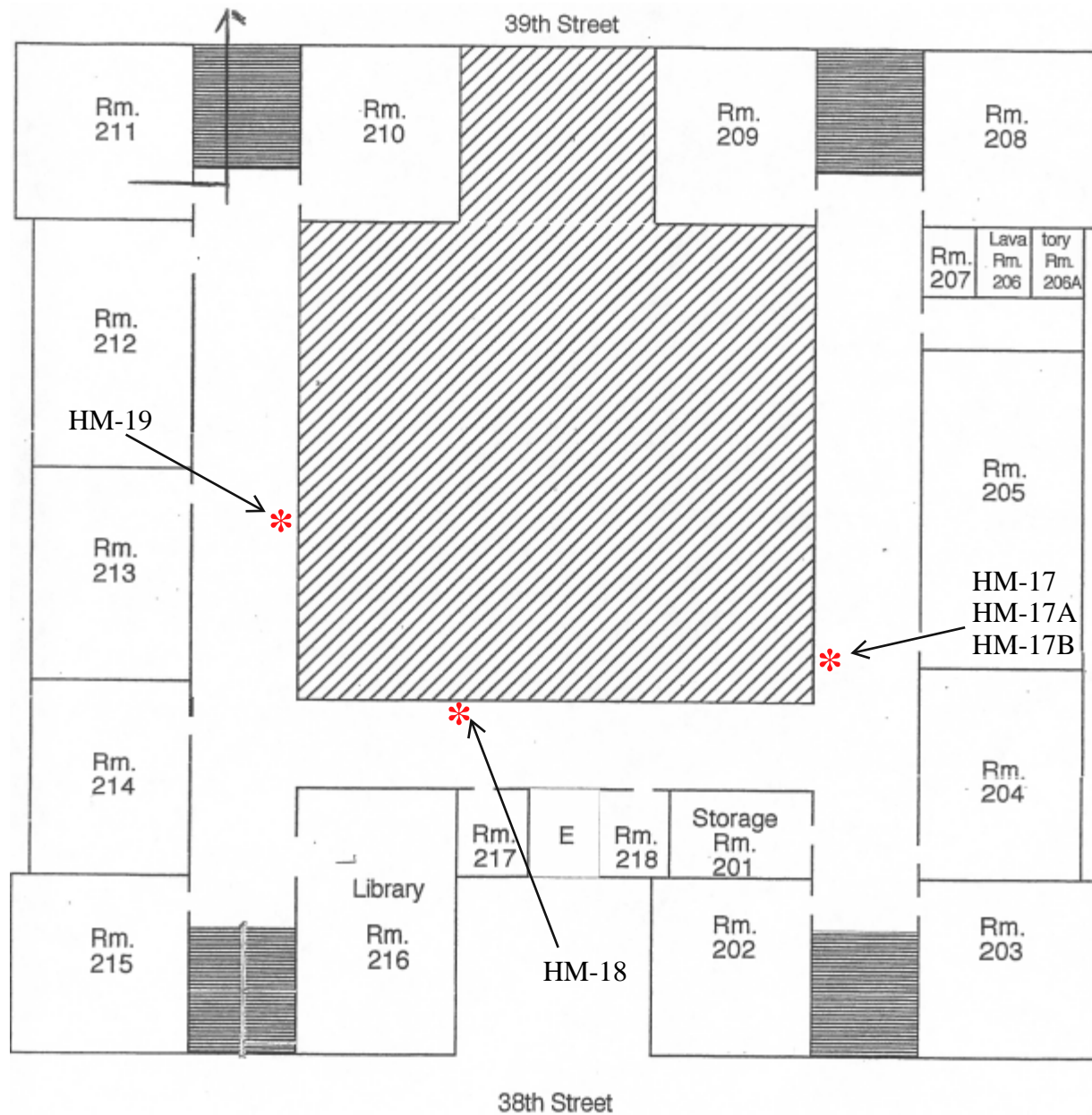
HM-03 → *

HM-04 → *

HM-05 → *

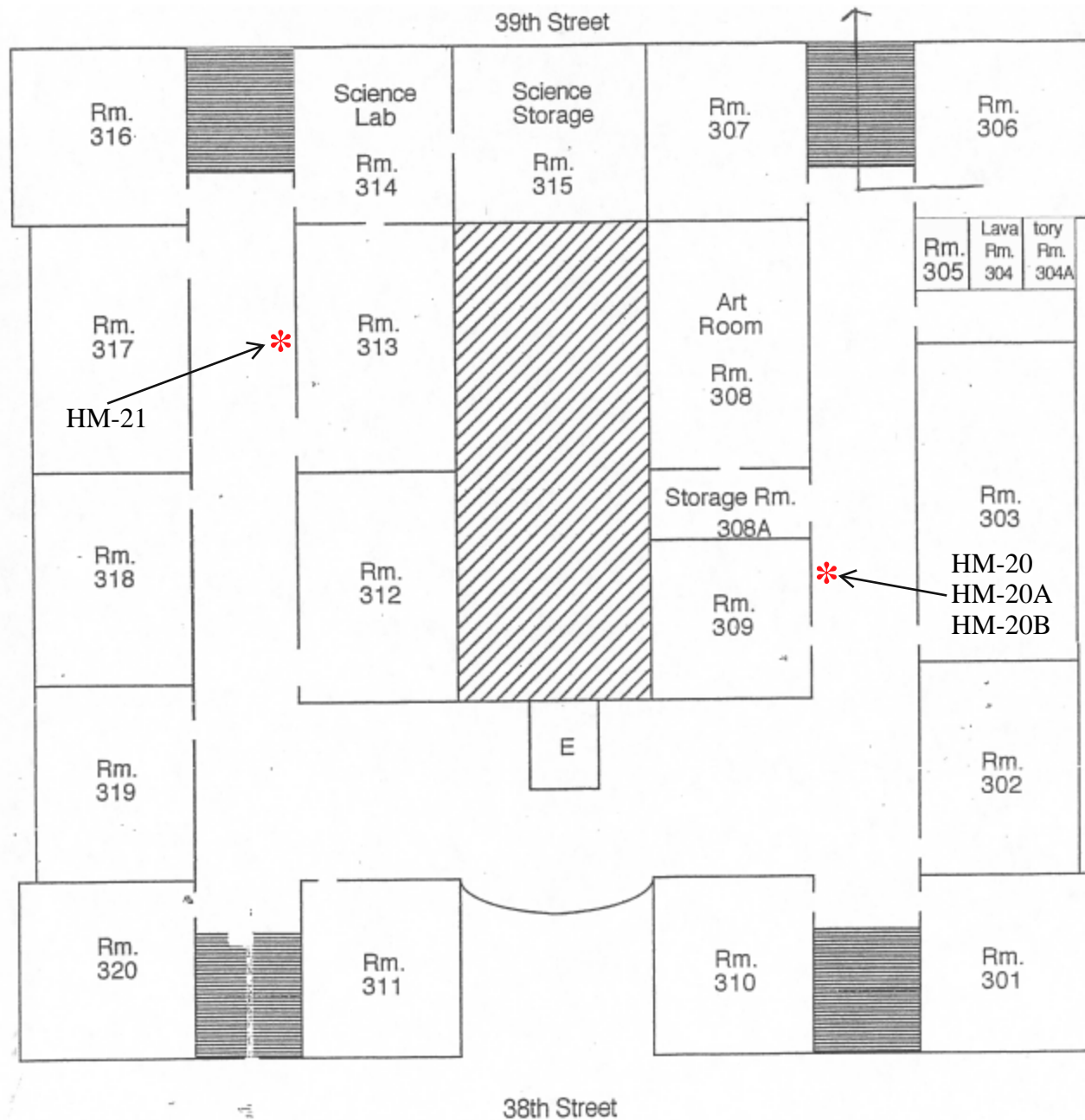






Key:

* = Drinking Water Sampling Location



Key:

* = Drinking Water Sampling Location