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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:*

Philip G. Vroom Community School  
18 West 26<sup>th</sup> 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:*

**Gerard D'Alessio**  
**Environmental Scientist**

*Signed for the Company by:*

A handwritten signature in blue ink, appearing to read 'John H. Chiaviello', is written over a faint, circular official stamp.

**John H. Chiaviello**  
**Vice President**

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Laboratory Certificates of Analysis  
&  
Sample Chain of Custody Forms

### **APPENDIX B**

School District Sampling Attachments

## **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 Philip G. Vroom Community School located at 18 West 26<sup>th</sup> Street, Bayonne, New Jersey 07002.

The project information is as follows:

Client Name: Bayonne Board of Education  
Contact Person: Mr. Daniel Castles

Project Name: Philip G. Vroom Community School – Lead in Drinking Water Follow-up  
Project Location: 18 West 26<sup>th</sup> Street  
Bayonne, New Jersey 07002

Date(s) of Service: September 2, 2022 – November 19, 2022

McCabe Personnel: Gerard D’Alessio & Brandon Soto

## **2.0 SCOPE OF WORK**

Drinking water testing was performed at Philip G. Vroom Community School located at 18 West 26<sup>th</sup> Street, Bayonne, New Jersey 07002 on September 2, 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 Philip G. Vroom Community School on November 19, 2022. Testing was followed as per past reports provided by Bayonne Board of Education. Locations were also added in certain schools as per Scott Nolan’s request.

## **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:

<b>Sample ID</b>	<b>Sample Location</b>	<b>Lead Result</b>	<b>Exceeds (MCL 15 ppb)</b>	<b>Exceeds (MCL 20 ppb)</b>
PG-01	First Draw – Bubblers Across Computer Lab	13.7	Pass	Pass
PG-02	30 Second Flush – Bubblers Across Computer Lab	1.6	Pass	Pass
PG-03	First Draw – Food Service Room Faucet	12.7	Pass	Pass
<b>PG-04</b>	<b>First Draw – Music Room Faucet</b>	<b>68.4</b>	<b>Fail</b>	<b>Fail</b>
PG-05	First Draw – Bubblers Across Music Room	2.1	Pass	Pass
PG-06	First Draw – Art Room Faucet – Right	11.9	Pass	Pass
PG-07	First Draw – Sec Office Chiller	6.9	Pass	Pass
PG-08	First Draw – Bubblers Across from 109	1.8	Pass	Pass
PG-09	First Draw – Room 108 Faucet	< 0.5	Pass	Pass
PG-10	First Draw – Bottle Filling Station Across from Room 104	< 0.5	Pass	Pass
PG-11	First Draw – Room 104 Faucet	1.3	Pass	Pass
PG-12	30 Second Flush – Room 109 Faucet	0.5	Pass	Pass
PG-13	First Draw – Room 103 Faucet	7.6	Pass	Pass
PG-14	First Draw – 102 Faucet	3.1	Pass	Pass
PG-15	First Draw – Room 101 Faucet	3.5	Pass	Pass
PG-16	First Draw – Nurse’s Office Faucet	1.1	Pass	Pass

Sample ID	Sample Location	Lead Result	Exceeds (MCL 15 ppb)	Exceeds (MCL 20 ppb)
PG-17	First Draw – Bubbler Across From Room 207	2.5	Pass	Pass
PG-18	First Draw – Room 203 Faucet	1.3	Pass	Pass
PG-19	First Draw – Room 202 Faucet	0.7	Pass	Pass
PG-20	First Draw – Room 201 Faucet	5.1	Pass	Pass
PG-21	First Draw – Bottle Filling Station Across from 304	< 0.5	Pass	Pass

The following table presents all sample results in order of sample identification from the follow-up lead in drinking water testing conducted on November 19, 2022:

Sample ID	Sample Location	Lead Result	Exceeds (MCL 15 ppb)	Exceeds (MCL 20 ppb)
<b>PG-04A</b>	<b>First Draw – Music Room Faucet</b>	<b>64</b>	<b>Fail</b>	<b>Fail</b>
PG-04B	30 Second Flush – Music Room Faucet	1.4	Pass	Pass

**5.0 DISCUSSION AND CONCLUSION**

A total of twenty-one (21) were collected from Philip G. Vroom School. One (1) sample was found to be greater than the EPA Lead and Copper Rule standard of 15 ppb and also greater than the EPA Lead in Drinking Water at Schools and Child Care Facilities standard of 20 ppb. All other samples were found to be less than the EPA standards of 20 ppb and 15 ppb.

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

- **Music Room Sink**

As a follow-up to drinking water testing conducted on September 2, 2022, McCabe conducted a follow-up testing November 19, 2022. A total of two (2) samples were collected from Philip G. Vroom Community School located at 18 West 26th Street, Bayonne, New Jersey 07002.

Concentrations that exceeded the regulatory standards for lead during the initial September 2, 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. One (1) sample was found to be greater than the EPA Lead and Copper Rule standard of 15 ppb and also greater than the EPA Lead in Drinking Water at Schools and Child Care Facilities

standard of 20 ppb. However, the thirty-second flush sample passed. It is recommended that this Faucet (**Music Room Sink**) is to not be used for consumption purposes. It should be limited to maintenance work.

- **PG-04A - First Draw – Music Room Faucet**

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: GCM90800  
Sample ID#s: CM90800 - CM90801

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 that reads "Phyllis Shiller". The signature is written in a cursive style.

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.: GCM90800

Project ID: BAYONNE BOARD OF EDUCATION

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Client Id	Lab Id	Matrix
PG-04A	CM90800	DRINKING WATER
PG-04B	CM90801	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  
 11/22/22

Time

9:36  
 17:02

Laboratory Data

SDG ID: GCM90800  
 Phoenix ID: CM90800

Project ID: BAYONNE BOARD OF EDUCATION  
 Client ID: PG-04A

Parameter	Result	RL/ PQL	DIL	Units	AL	MCL	MCLG	Date/Time	By	Reference
Lead	64	0.5	2	ppb	15			11/29/22	CPP	E200.8
*** Lead exceeds Action Level of 15 ***										
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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**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  
 11/22/22

Time

9:37  
 17:02

Laboratory Data

SDG ID: GCM90800  
 Phoenix ID: CM90801

Project ID: BAYONNE BOARD OF EDUCATION  
 Client ID: PG-04B

Parameter	Result	RL/ PQL	DIL	Units	AL	MCL	MCLG	Date/Time	By	Reference
Lead	1.4	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.  
 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



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


SDG I.D.: GCM90800



Sample	Client Id	Col Date	Parameter	Result	RL	CL	Units	Date Analyzed	Reference
Project: Bayonne Board Of Education									
CM90800	PG-04A	11/19/22	Lead	64	0.5		ppb	11/29/22	E200.8
CM90801	PG-04B	11/19/22	Lead	1.4	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



Environmental Laboratories, Inc.  
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 Tel. (860) 645-1102 Fax (860) 645-0823



# QA/QC Report

December 01, 2022

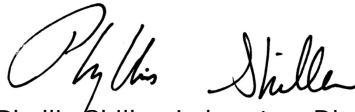
## QA/QC Data

SDG I.D.: GCM90800

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 (CM90800, CM90801)													
<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

Thursday, December 01, 2022

Criteria: NJ: DW

State: NJ

## Sample Criteria Exceedances Report

GCM90800 - MCCABE-PB

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CM90800	PB-DW-MS	Lead	EPA / 40 CFR 141 DW / 141.80 Lead & Copper ALs	64	0.5	15	1	ppb

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.



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



## Analysis Comments

December 01, 2022

SDG I.D.: GCM90800

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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 LYNDBURST, NJ 07071 • PHONE: (201)438-4839 FAX: (201)438-1798

NCNC 21.0

LEAD in DRINKING WATER  
 CHAIN-OF-CUSTODY FORM

CLIENT NAME: Bayonne Board of Education		SITE ADDRESS: Philip G. Vroom Community School 18 West 26th Street. Bayonne, New Jersey 07002		
FIELD INSPECTOR'S NAME: Gerard D'Allesio		TURNAROUND TIME REQUESTED: 2-Week		
MES PROJECT #: 22-04512		SAMPLE DATE: 11/19/22		
Matrix	SAMPLE ID	SAMPLE LOCATION	TIME COLLECTED	ANALYSIS REQUESTED
DW	PG-04A	FD - MWSIL ROOM FANLET	9:36	LEAD - 200.8
DW	PG-04B	30 - MWSIL ROOM FANLET	9:37	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
DW				LEAD - 200.8
DW				LEAD - 200.8
DW				LEAD - 200.8
DW				LEAD - 200.8
DW				LEAD - 200.8
Relinquished by (Print) Denise Bibeau		Received by: (Print) [Signature]		Date: 11-22-22 10:31
Signature: [Signature]		Signature: [Signature]		Date: 11/22/22 10:30
Relinquished by (Print) Bibeau		Received by: (Print) Emma Johnson		Date: 11/22 17:03
Signature: [Signature]		Signature: [Signature]		Date: 11/22 17:02
Laboratory Analysis Performed by (Analyst Signature, Laboratory Name & Location): Phoenix Environmental Laboratories				

90800  
90801



**APPENDIX B**

**SCHOOL DISTRICT SAMPLING  
ATTACHMENTS**

## Attachment A - List of Priority for Sampling


SCHOOL NAME	DATE OF SAMPLING	CERTIFIED LABORATORY	NOTES
Philip G. Vroom Community School	09/02/22	Phoenix Environmental Laboratories Inc.	
Philip G. Vroom Community School	11/28/22	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: P. G. Vroom Community School Grade Levels: K-8

Address: 18 West 26th St., Bayonne, NJ 07002

Individual school project officer Signature:  Date: August 2022

Questions	Answers		
<b>Background Information</b> 1. What year was the original building constructed? Were any buildings or additions added to the original facility? 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. 3. Where are the most recent plumbing repairs and replacements? 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.) 5. Is there point of entry (POE) or point of use (POU) treatment in use?	K-8 Grade School built in 1914  Any repairs made after 1986 were done using lead free solder  <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 5px;">                             Location: Nurse Office                              Art Room                              1st Floor Pre-K                         </td> <td style="width: 50%; padding: 5px;">                             Description:                              Replace faucet/sink                              Replace faucet/sink                              Built new bathroom                         </td> </tr> </table> <p>Material: Duct iron</p> <p>Location: The water main (West 26th st) enters the basement floor in the girls bathroom where the water meter is located and continues to the remainder of the building</p> <p style="text-align: center;">Y / N No treatment of water Type: at POE</p> <p style="text-align: center;">City water comes treated</p> <p style="text-align: center;">Location: Main Building 1914</p>	Location: Nurse Office Art Room 1st Floor Pre-K	Description: Replace faucet/sink Replace faucet/sink Built new bathroom
Location: Nurse Office Art Room 1st Floor Pre-K	Description: Replace faucet/sink Replace faucet/sink Built new bathroom		

<b>Questions</b>	<b>Answers</b>
6. Are there tanks in your plumbing system (pressure tanks, gravity storage tanks)?	Y / N Yes - 1914 main building 75 gallon hot water storage tank
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: None
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"> <li>• Name of contaminant(s)</li> <li>• Concentrations found</li> <li>• pH level</li> </ul> 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"> <li>• Are blueprints of the building available?</li> <li>• Are there known plumbing "dead-ends", low use areas, existing leaks or other "problem areas"?</li> </ul> Are renovations planned for any of the plumbing system?	Not all parints are available No dead-end low use areas All leaks were identified during walk through and have been repaired No plumbing system renovations planned

Questions	Answers	
<b>Walk-Through</b> <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.		
3. What are the potable water pipes made of in your facility? <ul style="list-style-type: none"> <li>• Lead</li> <li>• Plastic</li> <li>• Galvanized Metal</li> <li>• Cast Iron</li> <li>• Copper</li> <li>• Other</li> </ul> Note the water flow through the building and the areas that receive water first, and which areas receive water last.	Copper Galvanized metal Brass  Water flow through the building shown on the prints	
4. Are electrical wires grounded to Water Pipes? Note location(s).	Y / N	No No electrical wires grounded to water pipes
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.	Complete in "Brass" Column in Attachment C- Water Outlet Inventory. Yes Completed in Attachment C - Wataer Outlet Inventory	
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.	

<b>Questions</b>	<b>Answers</b>	
<p>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?  Recalled Drinking Water Fountains  Make and Model</p>	<p>Y / N Yes all water coolers have been checked and compared to the list of recalled water coolers  None on the list of recalled water coolers  Type</p>	
<p>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.</p>	<p>Complete in "Signs of Corrosion" column in Attachment C- Drinking Water Outlet Inventory.  Y / N NO</p>	
<p>9. Are there any outlets that are not operational and therefore out of service? Permanently? Temporarily?</p>	<p>Complete "Operational Column" in Attachment C- Drinking Water Outlet Inventory.  Y / N NO  Type/ Location</p>	<p>Description</p>

## Attachment C – Drinking Water Outlet Inventory

Name of School: Philip G. Vroom Community School

Address: 18 West 26th Street, Bayonne, New Jersey 07002

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

Individual School Project Officer: Scott Nolan

Date Completed: 01/05/23

# <sup>1</sup>	Type	Location	Code	Operational <sup>2</sup> (Y/N)	Signs of Corrosion <sup>3</sup> (Y/N)	Filter <sup>4</sup> (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	Water Fountain	Across Computer Lab	PG-01	Y	N	N	N	N	N	N	NA	NA	
02	Water Fountain	Across Computer Lab	PG-02	Y	N	N	N	N	N	N	NA	NA	Flush
03	Sink	Food Service Room	PG-03	Y	N	N	N	N	N	N	NA	NA	
04	Sink	Music Room	PG-04	Y	N	N	N	N	N	N	NA	NA	
05	Water Fountain	Across Music Room	PG-05	Y	N	N	N	N	N	N	NA	NA	

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

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

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

<sup>4</sup> Document on Attachment D- Filter Inventory.

06	Sink	Art Room Faucet – Right	PG-06	Y	N	N	N	Y	N	N	NA	NA	
07	Chiller	Sec Office	PG-07	Y	N	N	N	Y	N	Y	NA	NA	
08	Water Fountain	Across from 109	PG-08	Y	N	N	N	N	N	N	NA	NA	
09	Sink	Room 108	PG-09	Y	N	N	N	Y	N	N	NA	NA	
10	Bottle Filling Station	Across from Room 104	PG-10	Y	N	Y	N	N	Y	Y	NA	NA	
11	Sink	Room 104	PG-11	Y	N	N	N	N	N	N	NA	NA	
12	Sink	Room 109	PG-12	Y	N	N	N	N	N	N	NA	NA	Flush
13	Sink	Room 103	PG-13	Y	N	N	N	Y	N	N	NA	NA	
14	Sink	Room 102	PG-14	Y	N	N	N	Y	N	N	NA	NA	
15	Sink	Room 101	PG-15	Y	N	N	N	Y	N	N	NA	NA	
16	Sink	Nurse’s Office	PG-16	Y	N	N	N	Y	N	N	NA	NA	
17	Water Fountain	Across from Room 207	PG-17	Y	N	N	N	N	N	N	NA	NA	
18	Sink	Room 203	PG-18	Y	N	N	N	Y	N	N	NA	NA	
19	Sink	Room 202	PG-19	Y	N	N	N	Y	N	N	NA	NA	
20	Sink	Room 201	PG-20	Y	N	N	N	Y	N	N	NA	NA	
21	Bottle Filling Station	Bottle Filling Station Across from 304	PG-21	Y	N	Y	N	N	Y	Y	NA	NA	
22	Sink	Music Room	PG-04A	Y	N	N	N	N	N	N	NA	NA	
22	Sink	Music Room	PG-04B	Y	N	N	N	N	N	N	NA	NA	

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

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

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



<sup>1</sup> Document on Attachment D- Filter Inventory.

## Attachment D - Filter Inventory

Name of School: Philip G. Vroom Community School Grade Levels: Elementary School

Address: 18 West 26th Street, Bayonne, New Jersey 07002

Individual School Project Officer: Scott Nolan

Date: 01/05/23

Sample Location / Code	Brand	Type (Make & Model)	Date Installed or Replaced	Replacement Frequency	NSF Certified for Lead Reduction Y/N
PG-01	Elkay	N/A	N/A	N/A	N/A
PG-02	Elkay	N/A	N/A	N/A	N/A
PG-03	N/A	N/A	N/A	N/A	N/A
PG-04	American Standard	N/A	N/A	N/A	N/A
PG-05	Elkay	N/A	N/A	N/A	N/A
PG-06	N/A	N/A	N/A	N/A	N/A
PG-07	N/A	N/A	N/A	N/A	N/A
PG-08	Elkay	N/A	N/A	N/A	N/A
PG-09	N/A	N/A	N/A	N/A	N/A
PG-10	Elkay	LZS8WSLP	N/A	N/A	N/A
PG-11	N/A	N/A	N/A	N/A	N/A
PG-12	N/A	N/A	N/A	N/A	N/A
PG-13	N/A	N/A	N/A	N/A	N/A
PG-14	N/A	N/A	N/A	N/A	N/A
PG-15	N/A	N/A	N/A	N/A	N/A
PG-16	3M Aqua Pure	N/A	N/A	N/A	N/A
PG-17	Halsey Taylor	HRFSB	N/A	N/A	N/A
PG-18	N/A	N/A	N/A	N/A	N/A
PG-19	N/A	N/A	N/A	N/A	N/A
PG-20	N/A	N/A	N/A	N/A	N/A
PG-21	Elkay	LZS8WSLP	N/A	N/A	N/A
PG-04A	American Standard	N/A	N/A	N/A	N/A
PG-04B	American Standard	N/A	N/A	N/A	N/A

## Attachment E – Flushing Log

Name of School: Philip G. Vroom Community School

Address: 18 West 26<sup>th</sup> Street, Bayonne, New Jersey 07002

Grade Levels: Elementary School

Individual School Project Officer: Scott Nolan

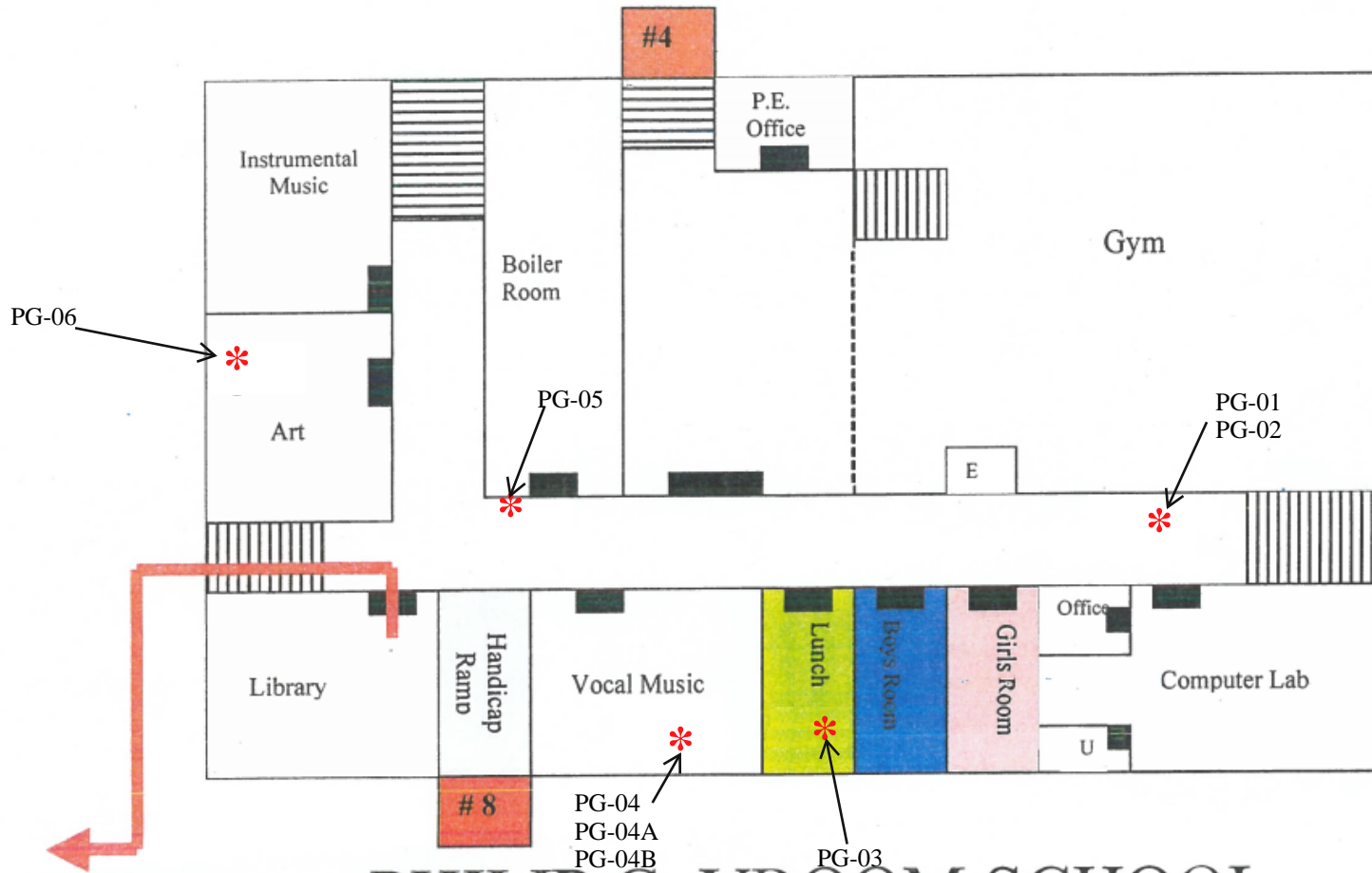
Date: 01/05/23

Sample Location Description	Sample Location Code	Date	Time	Duration of Flushing	Reason for Flushing
Bubbler Across Computer Lab	PG-01	September 01, 2022	5:30 pm	2-3 Minutes	Water Sampling
Bubbler Across Computer Lab	PG-02	September 01, 2022	5:30 pm	2-3 Minutes	Water Sampling
Food Service Room Faucet	PG-03	September 01, 2022	5:30 pm	2-3 Minutes	Water Sampling
Music Room Faucet	PG-04	September 01, 2022	5:30 pm	2-3 Minutes	Water Sampling
Bubbler Across Music Room	PG-05	September 01, 2022	5:30 pm	2-3 Minutes	Water Sampling
Art Room Faucet – Right	PG-06	September 01, 2022	5:30 pm	2-3 Minutes	Water Sampling
Sec Office Chiller	PG-07	September 01, 2022	5:30 pm	2-3 Minutes	Water Sampling
Bubbler Across from 109	PG-08	September 01, 2022	5:30 pm	2-3 Minutes	Water Sampling
Room 108 Faucet	PG-09	September 01, 2022	5:30 pm	2-3 Minutes	Water Sampling
Bottle Filling Station Across from Room 104	PG-10	September 01, 2022	5:30 pm	2-3 Minutes	Water Sampling
Room 104 Faucet	PG-11	September 01, 2022	5:30 pm	2-3 Minutes	Water Sampling
Room 109 Faucet	PG-12	September 01, 2022	5:30 pm	2-3 Minutes	Water Sampling
Room 103 Faucet	PG-13	September 01, 2022	5:30 pm	2-3 Minutes	Water Sampling
102 Faucet	PG-14	September 01, 2022	5:30 pm	2-3 Minutes	Water Sampling
Room 101 Faucet	PG-15	September 01, 2022	5:30 pm	2-3 Minutes	Water Sampling
Nurse's Office Faucet	PG-16	September 01, 2022	5:30 pm	2-3 Minutes	Water Sampling
Bubbler Across from Room 207	PG-17	September 01, 2022	5:30 pm	2-3 Minutes	Water Sampling
Room 203 Faucet	PG-18	September 01, 2022	5:30 pm	2-3 Minutes	Water Sampling

Room 202 Faucet	PG-19	September 01, 2022	5:30 pm	2-3 Minutes	Water Sampling
Room 201 Faucet	PG-20	September 01, 2022	5:30 pm	2-3 Minutes	Water Sampling
Bottle Filling Station Across from 304	PG-21	September 01, 2022	5:30 pm	2-3 Minutes	Water Sampling
Music Room Faucet	PG-04A	November 18, 2022	5:30 pm	2-3 Minutes	Water Sampling
Music Room Faucet	PG-04B	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>Philip G. Vroom Community School</u>	
Sample collection address:	<u>18 West 26th 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: 9:30 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	<u>01/05/2023</u>	
Signature	Date	



**Key:**

- \* = Drinking Water Sampling Location
- Doorway
- E - Elevator
- U - Utility Closet
- ▨ Stairs
- #4 Exits

**PHILIP G. VROOM SCHOOL**  
**Basement Library**



464 Valley Brook Avenue, Lyndhurst NJ 07071  
 129 Sea Girt Avenue, Manasquan NJ 08736  
 Phone: (800) 423-0766 • Fax: (201) 438-1798  
 www.mccabeenv.com

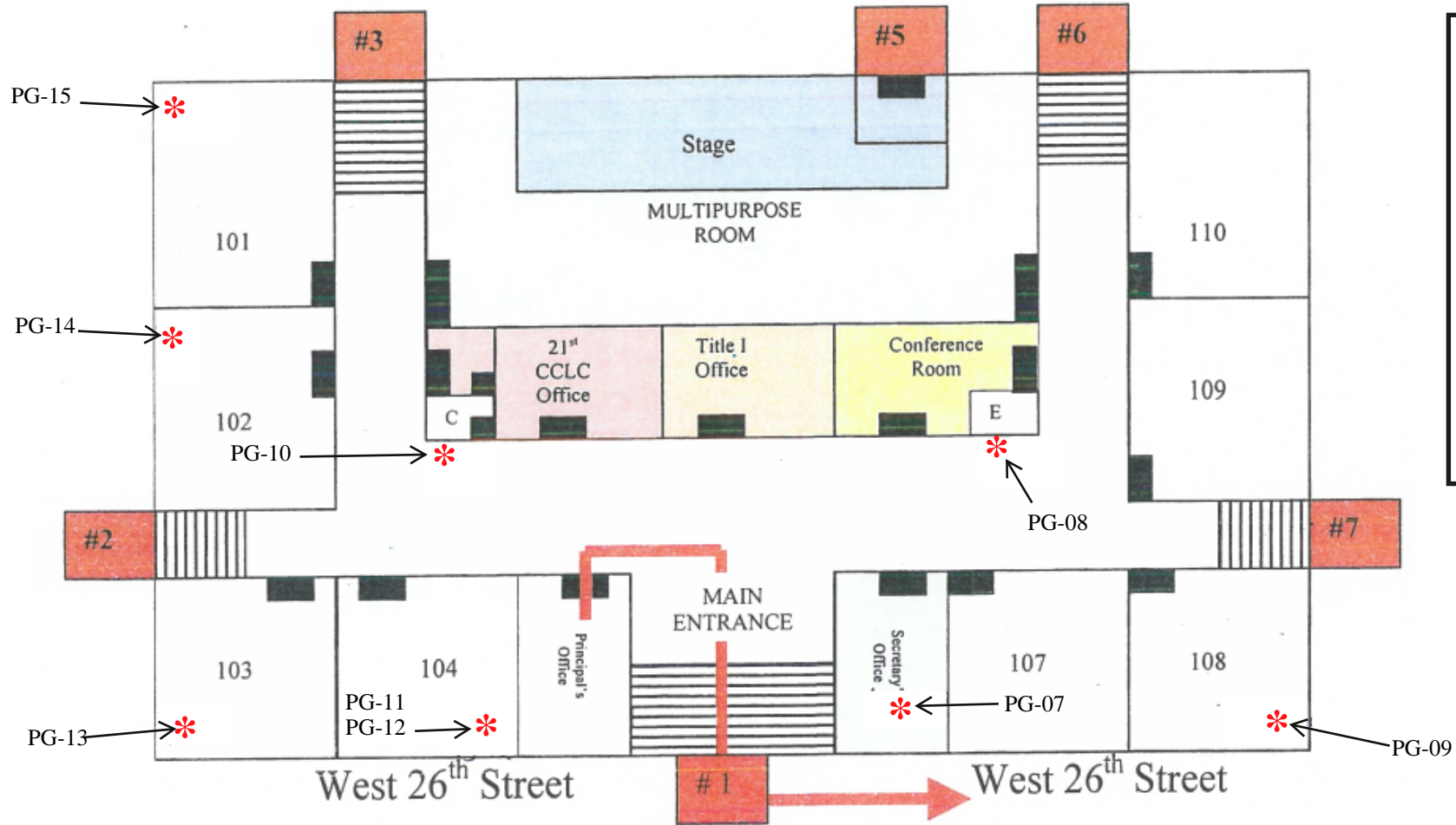
Project:  
 Bayonne Bayonne Board of Education Phillip G. Vroom Community School Lead in Drinking Water

Drawing Title:  
 Phillip G. Vroom Community School Basement Sample Locations

Date:  
 01/05/2023

Note:  
 Not To Scale


MES Project Number: 22-04512

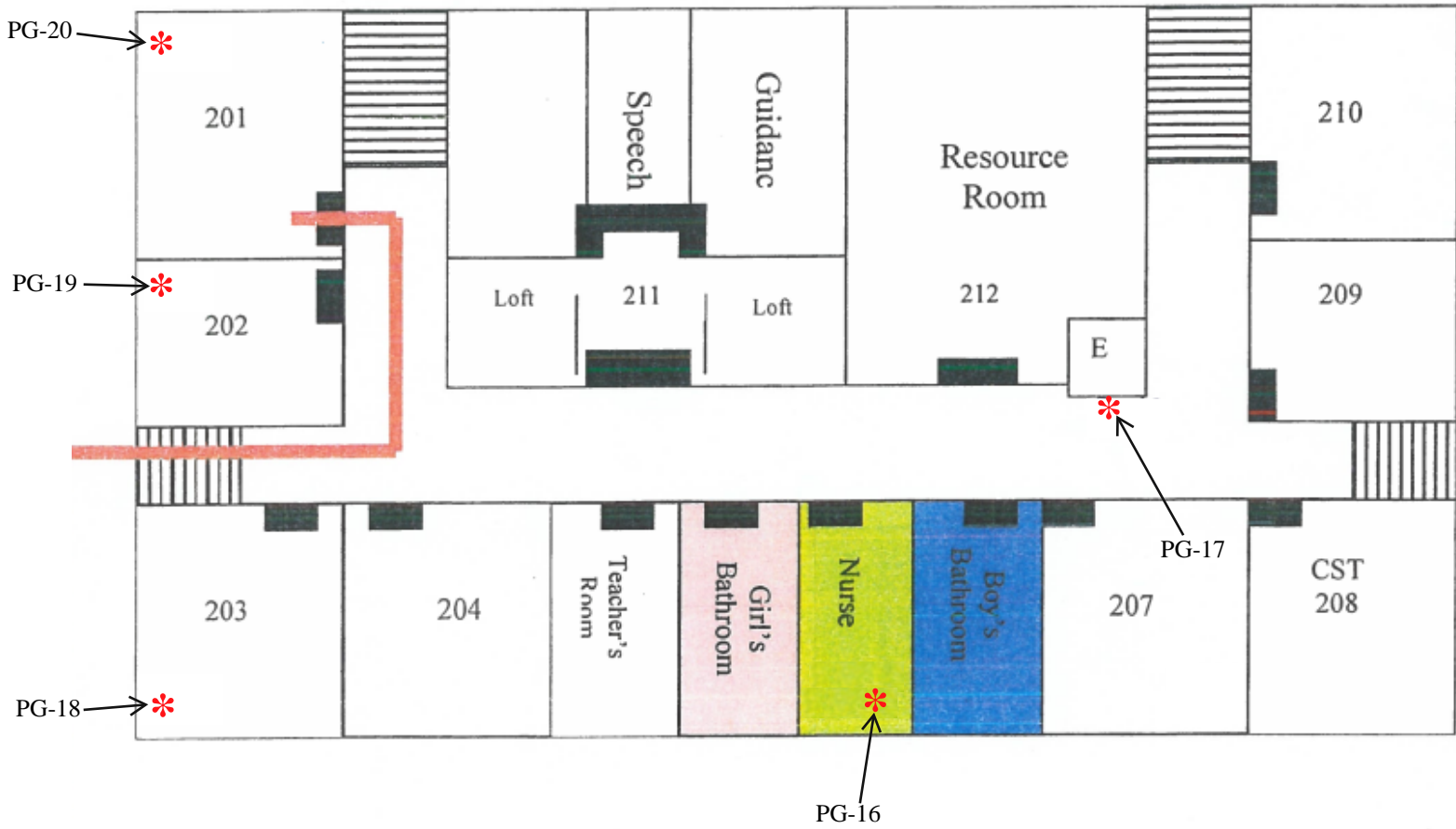


**Key:**

- \* = Drinking Water Sampling Location
- Doorway
- E - Elevator
- C - Custodian's Closet
- ▨ Stairs
- # Exits

**PHILIP G. VROOM SCHOOL**  
**1<sup>st</sup> FLOOR**  
**Principal's Office**


	464 Valley Brook Avenue, Lyndhurst NJ 07071 129 Sea Girt Avenue, Manasquan NJ 08736 Phone: (800) 423-0766 • Fax: (201) 438-1798 <a href="http://www.mccabeenv.com">www.mccabeenv.com</a>	Project: Bayonne Bayonne Board of Education Phillip G. Vroom Community School Lead in Drinking Water	Drawing Title: Phillip G. Vroom Community School First Floor Sample Locations	Date: 01/05/2023
		Note: Not To Scale	MES Project Number: 22-04512	



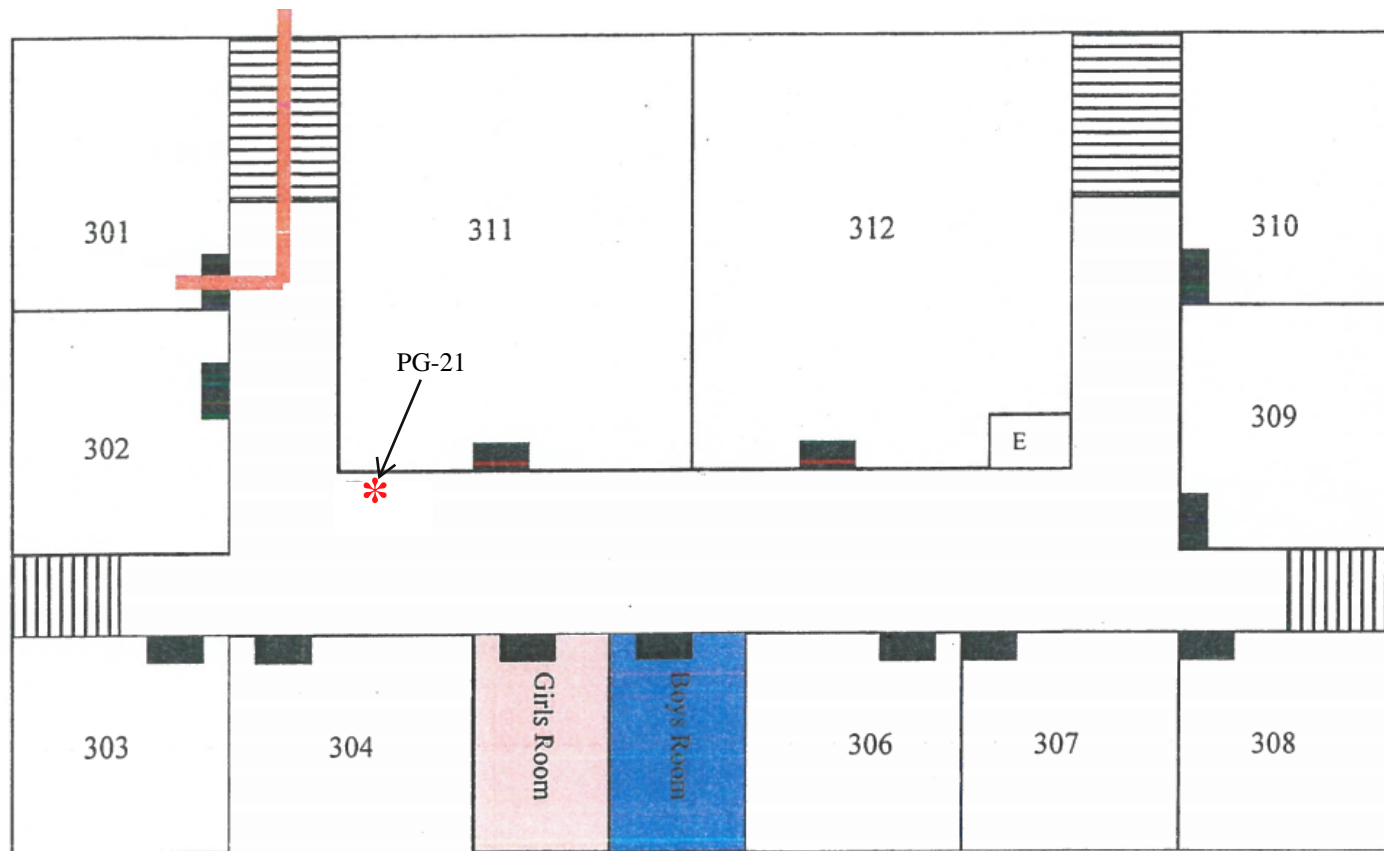
**Key:**

- \* = Drinking Water Sampling Location
- Doorway
- E - Elevator
- C - Custodian's Closet
- ▤ Stairs
- H - Hallway

**PHILIP G. VROOM SCHOOL**  
**2<sup>nd</sup> FLOOR**  
**ROOM # 201**

	<p>464 Valley Brook Avenue, Lyndhurst NJ 07071          129 Sea Girt Avenue, Manasquan NJ 08736          Phone: (800) 423-0766 • Fax: (201) 438-1798          www.mccabeenv.com</p>	<p>Project: Bayonne Bayonne Board of Education Phillip G. Vroom Community School Lead in Drinking Water</p>		<p>Drawing Title:          Phillip G. Vroom Community School          Second Floor Sample Locations</p>	<p>Date:          01/05/2023</p>
		<p>Note:          Not To Scale</p>		<p>MES Project Number: 22-04512</p>	





**Key:**

- \* = Drinking Water Sampling Location
- Doorway
- E - Elevator
- C - Custodian's Closet
- ▨ Stairs
- H - Hallway

# PHILIP G. VROOM SCHOOL

## 3<sup>rd</sup> FLOOR

### ROOM # 301



464 Valley Brook Avenue, Lyndhurst NJ 07071  
129 Sea Girt Avenue, Manasquan NJ 08736  
Phone: (800) 423-0766 • Fax: (201) 438-1798  
www.mccabeenv.com

Project:  
Bayonne Bayonne Board of  
Education Phillip G. Vroom  
Community School Lead in  
Drinking Water

Drawing Title:  
Phillip G. Vroom Community School  
Third Floor Sample Locations

Note:  
Not To Scale

MES Project Number: 22-04512

Date:  
01/05/2023