



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

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 26th Street
Bayonne, New Jersey 07002

Submitted by:

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

REPORT DATE: October 25, 2022

MES PROJECT NO.: 22-04448

Prepared by:

A handwritten signature in blue ink, appearing to read 'Gary Clare'.

Gary Clare
Project Manager

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 Philip G. Vroom Community School located at 18 West 26th 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>	Philip G. Vroom Community School – Lead in Drinking Water
<u>Project Location:</u>	18 West 26 th Street Bayonne, New Jersey 07002
<u>Date(s) of Service:</u>	September 2, 2022
<u>McCabe Personnel:</u>	Gary Clare, 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 26th 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. 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. 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)
PG-01	First Draw – Bubbler Across Computer Lab	13.7	Pass	Pass
PG-02	30 Second Flush – Bubbler Across Computer Lab	1.6	Pass	Pass
PG-03	First Draw – Food Service Room Faucet	12.7	Pass	Pass
PG-04	First Draw – Music Room Faucet	68.4	Fail	Fail
PG-05	First Draw – Bubbler 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 – Bubbler 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
PG-17	First Draw – Bubbler Across From Room 207	2.5	Pass	Pass
PG-18	First Draw – Room 203 Faucet	1.3	Pass	Pass

Sample ID	Sample Location	Lead Result	Exceeds (MCL 15 ppb)	Exceeds (MCL 20 ppb)
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

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**

Proper signage shall be posted at the Music Room Sink identifying “Do Not Drink, Safe For Washing Hands.” This sign can be found in Appendix B.

To address the water quality in the short term, McCabe recommends that it may be appropriate to inspect piping near these fixtures to determine if any corrosion is evident and whether it is possible to replace portions of the piping.

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**



Monday, September 19, 2022

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

Project ID: 22-04448
SDG ID: GCM22818
Sample ID#s: CM22818 - CM22838

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

September 19, 2022

SDG I.D.: GCM22818

Project ID: 22-04448

Client Id	Lab Id	Matrix
PG-01	CM22818	DRINKING WATER
PG-02	CM22819	DRINKING WATER
PG-03	CM22820	DRINKING WATER
PG-04	CM22821	DRINKING WATER
PG-05	CM22822	DRINKING WATER
PG-06	CM22823	DRINKING WATER
PG-07	CM22824	DRINKING WATER
PG-08	CM22825	DRINKING WATER
PG-09	CM22826	DRINKING WATER
PG-10	CM22827	DRINKING WATER
PG-11	CM22828	DRINKING WATER
PG-12	CM22829	DRINKING WATER
PG-13	CM22830	DRINKING WATER
PG-14	CM22831	DRINKING WATER
PG-15	CM22832	DRINKING WATER
PG-16	CM22833	DRINKING WATER
PG-17	CM22834	DRINKING WATER
PG-18	CM22835	DRINKING WATER
PG-19	CM22836	DRINKING WATER
PG-20	CM22837	DRINKING WATER
PG-21	CM22838	DRINKING WATER



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Analysis Report

September 19, 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: GD
Received by: LB
Analyzed by: see "By" below

Date

09/02/22
09/02/22

Time

10:30
18:20

Laboratory Data

SDG ID: GCM22818
Phoenix ID: CM22818

Project ID: 22-04448
Client ID: PG-01

Parameter	Result	RL/ PQL	DIL	Units	AL	MCL	MCLG	Date/Time	By	Reference
Lead	13.7	0.5	2	ppb	15			09/14/22	CPP	E200.8
Total Metal Digestion	Completed							09/11/22	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.

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Phyllis Shiller, Laboratory Director

September 19, 2022

Reviewed and Released by: Anil Makol, Project Manager



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Analysis Report

September 19, 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: GD
Received by: LB
Analyzed by: see "By" below

Date

09/02/22
09/02/22

Time

10:32
18:20

Laboratory Data

SDG ID: GCM22818
Phoenix ID: CM22819

Project ID: 22-04448
Client ID: PG-02

Parameter	Result	RL/ PQL	DIL	Units	AL	MCL	MCLG	Date/Time	By	Reference
Lead	1.6	0.5	2	ppb	15			09/14/22	CPP	E200.8
Total Metal Digestion	Completed							09/11/22	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.

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Phyllis Shiller, Laboratory Director

September 19, 2022

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Analysis Report

September 19, 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: GD
Received by: LB
Analyzed by: see "By" below

Date

09/02/22
09/02/22

Time

10:34
18:20

Laboratory Data

SDG ID: GCM22818
Phoenix ID: CM22820

Project ID: 22-04448
Client ID: PG-03

Parameter	Result	RL/ PQL	DIL	Units	AL	MCL	MCLG	Date/Time	By	Reference
Lead	12.7	0.5	2	ppb	15			09/14/22	CPP	E200.8
Total Metal Digestion	Completed							09/11/22	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.

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Phyllis Shiller, Laboratory Director

September 19, 2022

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Analysis Report

September 19, 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: GD
Received by: LB
Analyzed by: see "By" below

Date

09/02/22
09/02/22

Time

10:35
18:20

Laboratory Data

SDG ID: GCM22818
Phoenix ID: CM22821

Project ID: 22-04448
Client ID: PG-04

Parameter	Result	RL/ PQL	DIL	Units	AL	MCL	MCLG	Date/Time	By	Reference
Lead	68.4	0.5	2	ppb	15			09/14/22	CPP	E200.8
*** Lead exceeds Action Level of 15 ***										
Total Metal Digestion	Completed							09/11/22	AG	E200.8

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AL = Action Level MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

Comments:

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Analysis Report

September 19, 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: GD
Received by: LB
Analyzed by: see "By" below

Date

09/02/22
09/02/22

Time

10:37
18:20

Laboratory Data

SDG ID: GCM22818
Phoenix ID: CM22822

Project ID: 22-04448
Client ID: PG-05

Parameter	Result	RL/ PQL	DIL	Units	AL	MCL	MCLG	Date/Time	By	Reference
Lead	2.1	0.5	2	ppb	15			09/14/22	CPP	E200.8
Total Metal Digestion	Completed							09/11/22	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.

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Analysis Report

September 19, 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: GD
Received by: LB
Analyzed by: see "By" below

Date

09/02/22
09/02/22

Time

10:39
18:20

Laboratory Data

SDG ID: GCM22818
Phoenix ID: CM22823

Project ID: 22-04448
Client ID: PG-06

Parameter	Result	RL/ PQL	DIL	Units	AL	MCL	MCLG	Date/Time	By	Reference
Lead	11.9	0.5	2	ppb	15			09/14/22	CPP	E200.8
Total Metal Digestion	Completed							09/11/22	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:

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Phyllis Shiller, Laboratory Director

September 19, 2022

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Analysis Report

September 19, 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: GD
Received by: LB
Analyzed by: see "By" below

Date

09/02/22
09/02/22

Time

10:41
18:20

Laboratory Data

SDG ID: GCM22818
Phoenix ID: CM22824

Project ID: 22-04448
Client ID: PG-07

Parameter	Result	RL/ PQL	DIL	Units	AL	MCL	MCLG	Date/Time	By	Reference
Lead	6.9	0.5	2	ppb	15			09/14/22	CPP	E200.8
Total Metal Digestion	Completed							09/11/22	AG	E200.8

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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.

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Phyllis Shiller, Laboratory Director

September 19, 2022

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Analysis Report

September 19, 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: GD
Received by: LB
Analyzed by: see "By" below

Date

09/02/22
09/02/22

Time

10:42
18:20

Laboratory Data

SDG ID: GCM22818
Phoenix ID: CM22825

Project ID: 22-04448
Client ID: PG-08

Parameter	Result	RL/ PQL	DIL	Units	AL	MCL	MCLG	Date/Time	By	Reference
Lead	1.8	0.5	2	ppb	15			09/14/22	CPP	E200.8
Total Metal Digestion	Completed							09/11/22	AG	E200.8

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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.

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Analysis Report

September 19, 2022

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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: GD
Received by: LB
Analyzed by: see "By" below

Date

09/02/22
09/02/22

Time

10:44
18:20

Laboratory Data

SDG ID: GCM22818
Phoenix ID: CM22826

Project ID: 22-04448
Client ID: PG-09

Parameter	Result	RL/ PQL	DIL	Units	AL	MCL	MCLG	Date/Time	By	Reference
Lead	< 0.5	0.5	2	ppb	15			09/14/22	CPP	E200.8
Total Metal Digestion	Completed							09/11/22	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:

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Phyllis Shiller, Laboratory Director

September 19, 2022

Reviewed and Released by: Anil Makol, Project Manager



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Analysis Report

September 19, 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: GD
Received by: LB
Analyzed by: see "By" below

Date

09/02/22
09/02/22

Time

10:46
18:20

Laboratory Data

SDG ID: GCM22818
Phoenix ID: CM22827

Project ID: 22-04448
Client ID: PG-10

Parameter	Result	RL/ PQL	DIL	Units	AL	MCL	MCLG	Date/Time	By	Reference
Lead	< 0.5	0.5	2	ppb	15			09/14/22	CPP	E200.8
Total Metal Digestion	Completed							09/11/22	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:

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September 19, 2022

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Analysis Report

September 19, 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: GD
Received by: LB
Analyzed by: see "By" below

Date

09/02/22
09/02/22

Time

10:48
18:20

Laboratory Data

SDG ID: GCM22818
Phoenix ID: CM22828

Project ID: 22-04448
Client ID: PG-11

Parameter	Result	RL/ PQL	DIL	Units	AL	MCL	MCLG	Date/Time	By	Reference
Lead	1.3	0.5	2	ppb	15			09/14/22	CPP	E200.8
Total Metal Digestion	Completed							09/11/22	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

September 19, 2022

Reviewed and Released by: Anil Makol, Project Manager



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



Analysis Report

September 19, 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: GD
Received by: LB
Analyzed by: see "By" below

Date

09/02/22
09/02/22

Time

10:49
18:20

Laboratory Data

SDG ID: GCM22818
Phoenix ID: CM22829

Project ID: 22-04448
Client ID: PG-12

Parameter	Result	RL/ PQL	DIL	Units	AL	MCL	MCLG	Date/Time	By	Reference
Lead	0.5	0.5	2	ppb	15			09/14/22	CPP	E200.8
Total Metal Digestion	Completed							09/11/22	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.

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Phyllis Shiller, Laboratory Director

September 19, 2022

Reviewed and Released by: Anil Makol, Project Manager



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



Analysis Report

September 19, 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: GD
Received by: LB
Analyzed by: see "By" below

Date

09/02/22
09/02/22

Time

10:51
18:20

Laboratory Data

SDG ID: GCM22818
Phoenix ID: CM22830

Project ID: 22-04448
Client ID: PG-13

Parameter	Result	RL/ PQL	DIL	Units	AL	MCL	MCLG	Date/Time	By	Reference
Lead	7.6	0.5	2	ppb	15			09/14/22	CPP	E200.8
Total Metal Digestion	Completed							09/11/22	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.

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Phyllis Shiller, Laboratory Director

September 19, 2022

Reviewed and Released by: Anil Makol, Project Manager



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



Analysis Report

September 19, 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: GD
Received by: LB
Analyzed by: see "By" below

Date

09/02/22
09/02/22

Time

10:52
18:20

Laboratory Data

SDG ID: GCM22818
Phoenix ID: CM22831

Project ID: 22-04448
Client ID: PG-14

Parameter	Result	RL/ PQL	DIL	Units	AL	MCL	MCLG	Date/Time	By	Reference
Lead	3.1	0.5	2	ppb	15			09/14/22	CPP	E200.8
Total Metal Digestion	Completed							09/11/22	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

September 19, 2022

Reviewed and Released by: Anil Makol, Project Manager



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



Analysis Report

September 19, 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: GD
Received by: LB
Analyzed by: see "By" below

Date

09/02/22
09/02/22

Time

10:54
18:20

Laboratory Data

SDG ID: GCM22818
Phoenix ID: CM22832

Project ID: 22-04448
Client ID: PG-15

Parameter	Result	RL/ PQL	DIL	Units	AL	MCL	MCLG	Date/Time	By	Reference
Lead	3.5	0.5	2	ppb	15			09/14/22	CPP	E200.8
Total Metal Digestion	Completed							09/11/22	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

September 19, 2022

Reviewed and Released by: Anil Makol, Project Manager



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



Analysis Report

September 19, 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: GD
Received by: LB
Analyzed by: see "By" below

Date

09/02/22
09/02/22

Time

10:57
18:20

Laboratory Data

SDG ID: GCM22818
Phoenix ID: CM22833

Project ID: 22-04448
Client ID: PG-16

Parameter	Result	RL/ PQL	DIL	Units	AL	MCL	MCLG	Date/Time	By	Reference
Lead	1.1	0.5	2	ppb	15			09/14/22	CPP	E200.8
Total Metal Digestion	Completed							09/11/22	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.

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Phyllis Shiller, Laboratory Director

September 19, 2022

Reviewed and Released by: Anil Makol, Project Manager



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



Analysis Report

September 19, 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: GD
Received by: LB
Analyzed by: see "By" below

Date

09/02/22
09/02/22

Time

10:59
18:20

Laboratory Data

SDG ID: GCM22818
Phoenix ID: CM22834

Project ID: 22-04448
Client ID: PG-17

Parameter	Result	RL/ PQL	DIL	Units	AL	MCL	MCLG	Date/Time	By	Reference
Lead	2.5	0.5	2	ppb	15			09/14/22	CPP	E200.8
Total Metal Digestion	Completed							09/11/22	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.

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Phyllis Shiller, Laboratory Director

September 19, 2022

Reviewed and Released by: Anil Makol, Project Manager



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



Analysis Report

September 19, 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: GD
Received by: LB
Analyzed by: see "By" below

Date

09/02/22
09/02/22

Time

11:01
18:20

Laboratory Data

SDG ID: GCM22818
Phoenix ID: CM22835

Project ID: 22-04448
Client ID: PG-18

Parameter	Result	RL/ PQL	DIL	Units	AL	MCL	MCLG	Date/Time	By	Reference
Lead	1.3	0.5	2	ppb	15			09/15/22	CPP	E200.8
Total Metal Digestion	Completed							09/11/22	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.

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Phyllis Shiller, Laboratory Director

September 19, 2022

Reviewed and Released by: Anil Makol, Project Manager



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



Analysis Report

September 19, 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: GD
Received by: LB
Analyzed by: see "By" below

Date

09/02/22
09/02/22

Time

11:03
18:20

Laboratory Data

SDG ID: GCM22818
Phoenix ID: CM22836

Project ID: 22-04448
Client ID: PG-19

Parameter	Result	RL/ PQL	DIL	Units	AL	MCL	MCLG	Date/Time	By	Reference
Lead	0.7	0.5	2	ppb	15			09/15/22	CPP	E200.8
Total Metal Digestion	Completed							09/11/22	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.

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Phyllis Shiller, Laboratory Director

September 19, 2022

Reviewed and Released by: Anil Makol, Project Manager



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



Analysis Report

September 19, 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: GD
Received by: LB
Analyzed by: see "By" below

Date

09/02/22
09/02/22

Time

11:05
18:20

Laboratory Data

SDG ID: GCM22818
Phoenix ID: CM22837

Project ID: 22-04448
Client ID: PG-20

Parameter	Result	RL/ PQL	DIL	Units	AL	MCL	MCLG	Date/Time	By	Reference
Lead	5.1	0.5	2	ppb	15			09/15/22	CPP	E200.8
Total Metal Digestion	Completed							09/11/22	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.

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Phyllis Shiller, Laboratory Director

September 19, 2022

Reviewed and Released by: Anil Makol, Project Manager



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



Analysis Report

September 19, 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: GD
Received by: LB
Analyzed by: see "By" below

Date

09/02/22
09/02/22

Time

11:08
18:20

Laboratory Data

SDG ID: GCM22818
Phoenix ID: CM22838

Project ID: 22-04448
Client ID: PG-21

Parameter	Result	RL/ PQL	DIL	Units	AL	MCL	MCLG	Date/Time	By	Reference
Lead	< 0.5	0.5	2	ppb	15			09/15/22	CPP	E200.8
Total Metal Digestion	Completed							09/11/22	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.

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Phyllis Shiller, Laboratory Director

September 19, 2022

Reviewed and Released by: Anil Makol, Project Manager

Analysis Report - Summary

September 19, 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.: GCM22818



Sample	Client Id	Col Date	Parameter	Result	RL	Units	Date Analyzed	Reference
Project:	22-04448							
CM22818	PG-01	09/02/22	Lead	13.7	0.5	ppb	09/14/22	E200.8
CM22819	PG-02	09/02/22	Lead	1.6	0.5	ppb	09/14/22	E200.8
CM22820	PG-03	09/02/22	Lead	12.7	0.5	ppb	09/14/22	E200.8
CM22821	PG-04	09/02/22	Lead	68.4	0.5	ppb	09/14/22	E200.8
CM22822	PG-05	09/02/22	Lead	2.1	0.5	ppb	09/14/22	E200.8
CM22823	PG-06	09/02/22	Lead	11.9	0.5	ppb	09/14/22	E200.8
CM22824	PG-07	09/02/22	Lead	6.9	0.5	ppb	09/14/22	E200.8
CM22825	PG-08	09/02/22	Lead	1.8	0.5	ppb	09/14/22	E200.8
CM22826	PG-09	09/02/22	Lead	< 0.5	0.5	ppb	09/14/22	E200.8
CM22827	PG-10	09/02/22	Lead	< 0.5	0.5	ppb	09/14/22	E200.8
CM22828	PG-11	09/02/22	Lead	1.3	0.5	ppb	09/14/22	E200.8
CM22829	PG-12	09/02/22	Lead	0.5	0.5	ppb	09/14/22	E200.8
CM22830	PG-13	09/02/22	Lead	7.6	0.5	ppb	09/14/22	E200.8
CM22831	PG-14	09/02/22	Lead	3.1	0.5	ppb	09/14/22	E200.8
CM22832	PG-15	09/02/22	Lead	3.5	0.5	ppb	09/14/22	E200.8
CM22833	PG-16	09/02/22	Lead	1.1	0.5	ppb	09/14/22	E200.8
CM22834	PG-17	09/02/22	Lead	2.5	0.5	ppb	09/14/22	E200.8
CM22835	PG-18	09/02/22	Lead	1.3	0.5	ppb	09/15/22	E200.8
CM22836	PG-19	09/02/22	Lead	0.7	0.5	ppb	09/15/22	E200.8
CM22837	PG-20	09/02/22	Lead	5.1	0.5	ppb	09/15/22	E200.8
CM22838	PG-21	09/02/22	Lead	< 0.5	0.5	ppb	09/15/22	E200.8

Sample	Client Id	Col Date	Parameter	Result	RL	Units	Date Analyzed	Reference
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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
September 19, 2022



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



QA/QC Report

September 19, 2022

QA/QC Data

SDG I.D.: GCM22818

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
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QA/QC Batch 641523 (mg/L), QC Sample No: CM22816 2X (CM22818, CM22819, CM22820, CM22821, CM22822, CM22823, CM22824, CM22825)

ICP MS Metals - Aqueous

Lead	BRL	0.0001	<0.0005	0.0002	NC	105			101				
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QA/QC Batch 641523A (mg/L), QC Sample No: CM22826 2X (CM22826, CM22827, CM22828, CM22829, CM22830, CM22831, CM22832, CM22833, CM22834, CM22835)

ICP MS Metals - Aqueous

Lead	BRL	0.0001				105			101				
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Comment:

This batch does not include a duplicate.


QA/QC Batch 641524 (mg/L), QC Sample No: CM22836 2X (CM22836, CM22837, CM22838)

ICP MS Metals - Aqueous

Lead	BRL	0.0001	0.0007	0.0007	NC	112			109				
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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
September 19, 2022

Monday, September 19, 2022

Criteria: NJ: DW

State: NJ

Sample Criteria Exceedances Report

GCM22818 - MCCABE-PB

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CM22821	PB-DW-MS	Lead	EPA / 40 CFR 141 DW / 141.80 Lead & Copper ALs	68.4	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.



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



Analysis Comments

September 19, 2022

SDG I.D.: GCM22818

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

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: Gerald A. Lorisio		TURNAROUND TIME REQUESTED: 2-Week	
MES PROJECT #: 22-04448	SAMPLE DATE: 09/02/22		

Matrix	SAMPLE ID	SAMPLE LOCATION	TIME COLLECTED	ANALYSIS REQUESTED
DW	PG-01	First draw - Bubblet across Computer Lab	10:30	LEAD - 200.8
DW	PG-02	30 second Flush-Bubbler across Computer Lab	10:32	LEAD - 200.8
DW	PG-03	First draw - Food Service Room Faucet	10:34	LEAD - 200.8
DW	PG-04	First draw - Music Room Faucet	10:35	LEAD - 200.8
DW	PG-05	First draw - Bubbler across Music Room	10:37	LEAD - 200.8
DW	PG-06	First draw - Ant Room faucet - Right	10:39	LEAD - 200.8
DW	PG-07	First draw - SEC Office Chiller	10:41	LEAD - 200.8
DW	PG-08	First draw - Bubbler across from 107	10:42	LEAD - 200.8
DW	PG-09	First draw - Room - Room 108 faucet	10:44	LEAD - 200.8
DW	PG-10	First draw Bottling Station across from Room 104	10:46	LEAD - 200.8

Relinquished by (Print) Gerald A. Lorisio	Date: 9-2-22	Time:	Received by: (Print) <i>[Signature]</i>	Date: 9-2-22	Time: 130
Signature: <i>[Signature]</i>			Signature: <i>[Signature]</i>		
Relinquished by (Print) <i>[Signature]</i>	Date:	Time:	Received by: (Print) <i>[Signature]</i>	Date: 09/02	Time: 1820
Signature: <i>[Signature]</i>			Signature: <i>[Signature]</i>		

Laboratory Analysis Performed by (Analyst Signature, Laboratory Name & Location): Phoenix Environmental Laboratories

NUN Temp 22.0

McCabe Environmental Services, L.L.C.

464 VALLEY BROOK AVENUE LYNDHURST, NJ 07071 • PHONE: (201)438-4839 FAX: (201)438-1798

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'Alessio		TURNAROUND TIME REQUESTED: 2-Week	
MES PROJECT #: 22-04448	SAMPLE DATE: 07/02/22		

Matrix	SAMPLE ID	SAMPLE LOCATION	TIME COLLECTED	ANALYSIS REQUESTED
DW	Pg-11	First draw - Room 104 faucet	10:48	LEAD - 200.8
DW	Pg-12	30 second flush - Room 104 faucet	10:49	LEAD - 200.8
DW	Pg-13	First draw - Room 103 faucet	10:51	LEAD - 200.8
DW	Pg-14	First draw Room 102 faucet	10:52	LEAD - 200.8
DW	Pg-15	First draw Room 101 faucet	10:54	LEAD - 200.8
DW	Pg-16	First draw Nurse's office faucet	10:57	LEAD - 200.8
DW	Pg-17	First draw - Bubble across from Room 207 Bubble across	10:59	LEAD - 200.8
DW	Pg-18	First draw - Room 203 faucet	11:01	LEAD - 200.8
DW	Pg-19	First draw - Room 202 faucet	11:03	LEAD - 200.8
DW	Pg-20	First draw - Room 201 faucet	11:05	LEAD - 200.8

Relinquished by (Print) Gerard D'Alessio	Date: 07-02-22	Time: 9:22	Received by: (Print) Gerard D'Alessio	Date: 7-02-22	Time: 130
Signature: [Signature]			Signature: [Signature]		
Relinquished by (Print) [Signature]	Date: 07-02-22	Time: 130	Received by: (Print) [Signature]	Date: 07-02-22	Time: 1820
Signature: [Signature]			Signature: [Signature]		

Laboratory Analysis Performed by (Analyst Signature, Laboratory Name & Location): Phoenix Environmental Laboratories

NJ Certified WBE

NUV Temp 22-0

McCabe Environmental Services, L.L.C.

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

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:		TURNAROUND TIME REQUESTED: 2-Week	
MES PROJECT #: 22-04448	SAMPLE DATE:		

Matrix	SAMPLE ID	SAMPLE LOCATION	TIME COLLECTED	ANALYSIS REQUESTED
DW	Pg-21	First draw Bottle filling station across from 301	11:08	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) Gerard D. Basso	Date: 9-2-22	Received by: (Print) B. D. G. G. G.	Date: 9-2-22
Signature: [Signature]	Time:	Signature: [Signature]	Time: 130
Relinquished by (Print) [Signature]	Date:	Received by: (Print) E. Johnson	Date:
Signature: [Signature]	Time:	Signature: [Signature]	Time: 1820

Laboratory Analysis Performed by (Analyst Signature, Laboratory Name & Location): Phoenix Environmental Laboratories

NJ Certified WBE

NCWC Temp 22.0

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.	

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: *Scott Molar* Date: August 2022

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
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>Location: Nurse Office Art Room 1st Floor Pre-K</div> <div>Description: Replace faucet/sink Replace faucet/sink Built new bathroom</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.)	<div>Material: Duct iron</div> <div>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</div>
5. Is there point of entry (POE) or point of use (POU) treatment in use?	<div>Y / N No treatment of water Type: at POE</div> <div>Location: Main Building 1914</div>
	City water comes treated

Questions	Answers
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"> • 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 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
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.		
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>	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.	Completed 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.	

Questions	Answers
<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?</p> <p>Recalled Drinking Water Fountains</p> <p>Make and Model</p>	<p>Y / N Yes all water coolers have been checked and compared to the list of recalled water coolers</p> <p>Type</p> <p>None on the list of recalled water coolers</p>
<p>8. Have signs of corrosion, such as frequent leaks, rust-colored water, or stained fixtures, dishes, or laundry been detected?</p> <p>Note the locations of water outlets.</p>	<p>Complete in "Signs of Corrosion" column in Attachment C- Drinking Water Outlet Inventory.</p>
<p>9. Are there any outlets that are not operational and therefore out of service? Permanently? Temporarily?</p>	<p>Y / N NO</p> <p>Complete "Operational Column" in Attachment C- Drinking Water Outlet Inventory.</p> <p>Type/ Location</p> <p>Description</p>
<p>Permanently</p> <p>Temporarily</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: 09/30/22

# 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	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	

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.

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	

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.

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: 09/30/22

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	N/A	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

Attachment E – Flushing Log

Name of School: Philip G. Vroom Community School

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

Grade Levels: Elementary School

Individual School Project Officer: Scott Nolan

Date: 09/30/22

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

Attachment F - Pre - Sampling Water Use Certification

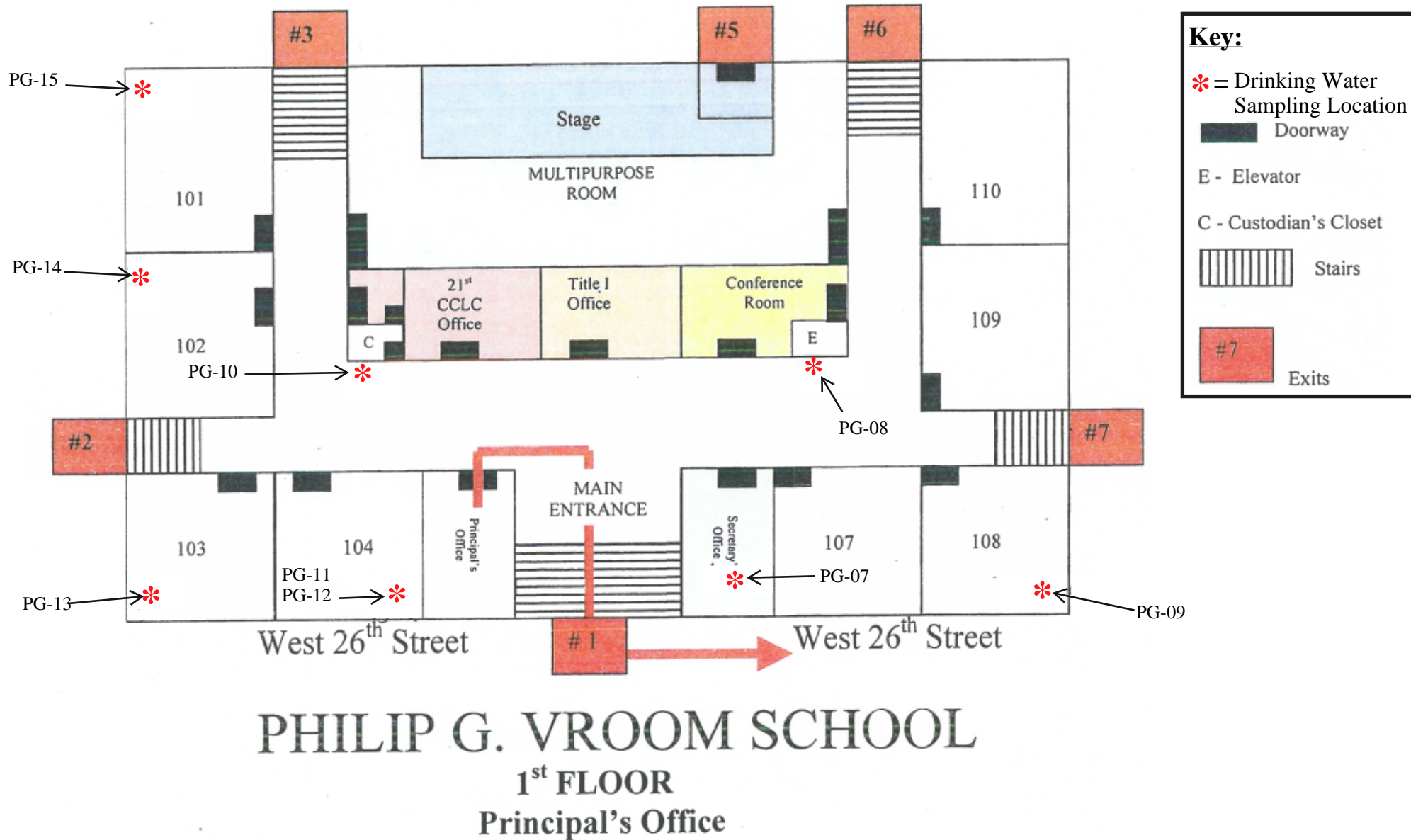
TO BE COMPLETED BY THE BAYONNE BOE DISTRICT REPRESENTATIVE:		
School Name: <u>Philip G. Vroom Community School</u>		
Sample collection address:	<u>18 West 26th Street, Bayonne, New Jersey 07002</u>	
Water was last used:	<u>Time: 5:30 pm</u>	<u>Date: September 01, 2022</u>
Sample commencement:	<u>Time: 10:30 am</u>	<u>Date: September 02, 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	09/30/22	
Signature	Date	

DO NOT DRINK



SAFE FOR HANDWASHING





McCABE
ENVIRONMENTAL SERVICES LLC

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
First Floor Sample Locations

Note:
Not To Scale

MES Project Number: 22-04448

Date:
09/09/2022

PG-20 → *

PG-19 → *

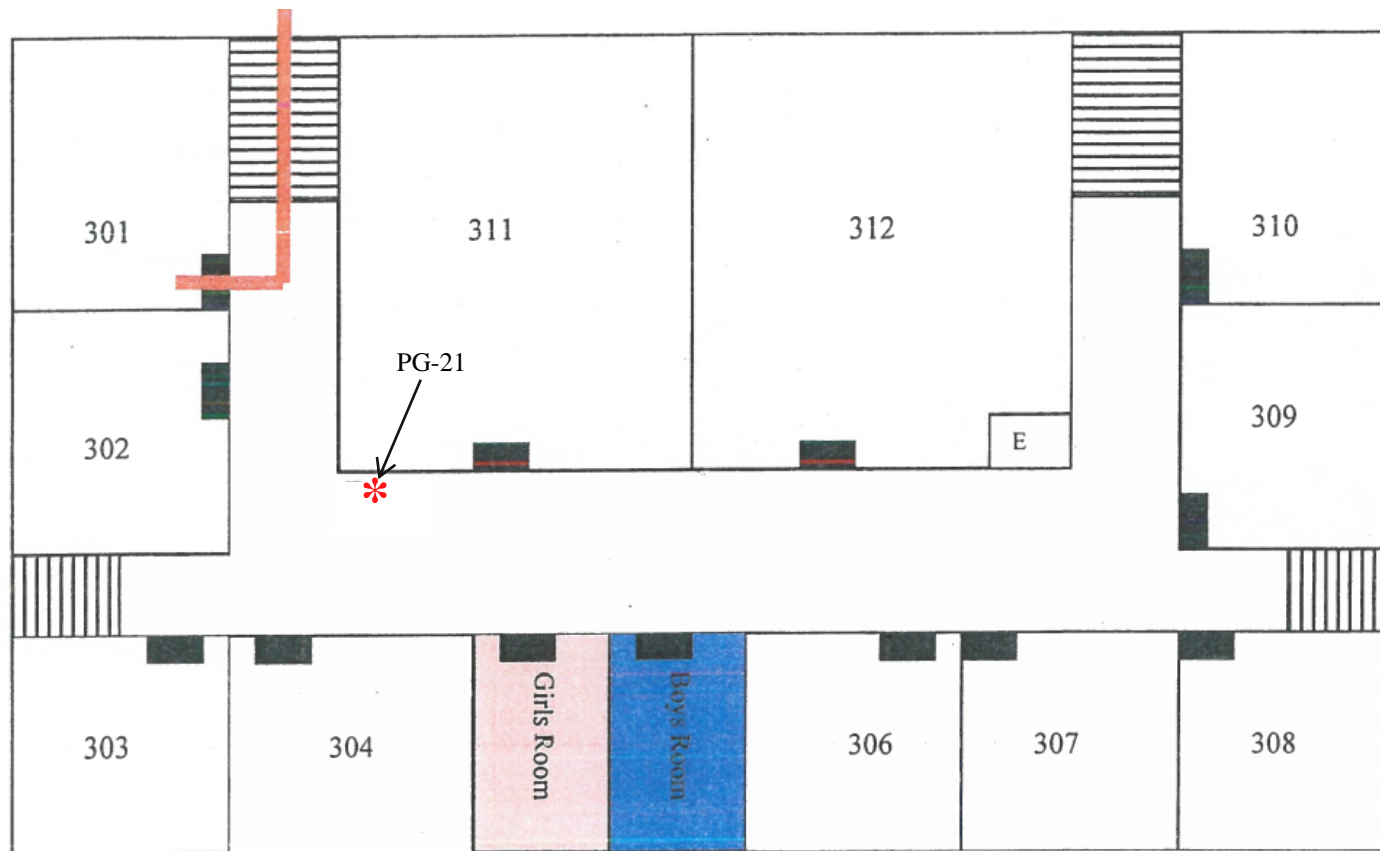
PG-18 → *

PG-16 → *

PG-17 → *

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

PHILIP G. VROOM SCHOOL
 2nd FLOOR
 ROOM # 201



Key:

* = Drinking Water Sampling Location

Doorway

E - Elevator

C - Custodian's Closet

Stairs

H - Hallway

PHILIP G. VROOM SCHOOL 3rd FLOOR ROOM # 301



464 Valley Brook Avenue, Lyndhurst NJ 07071
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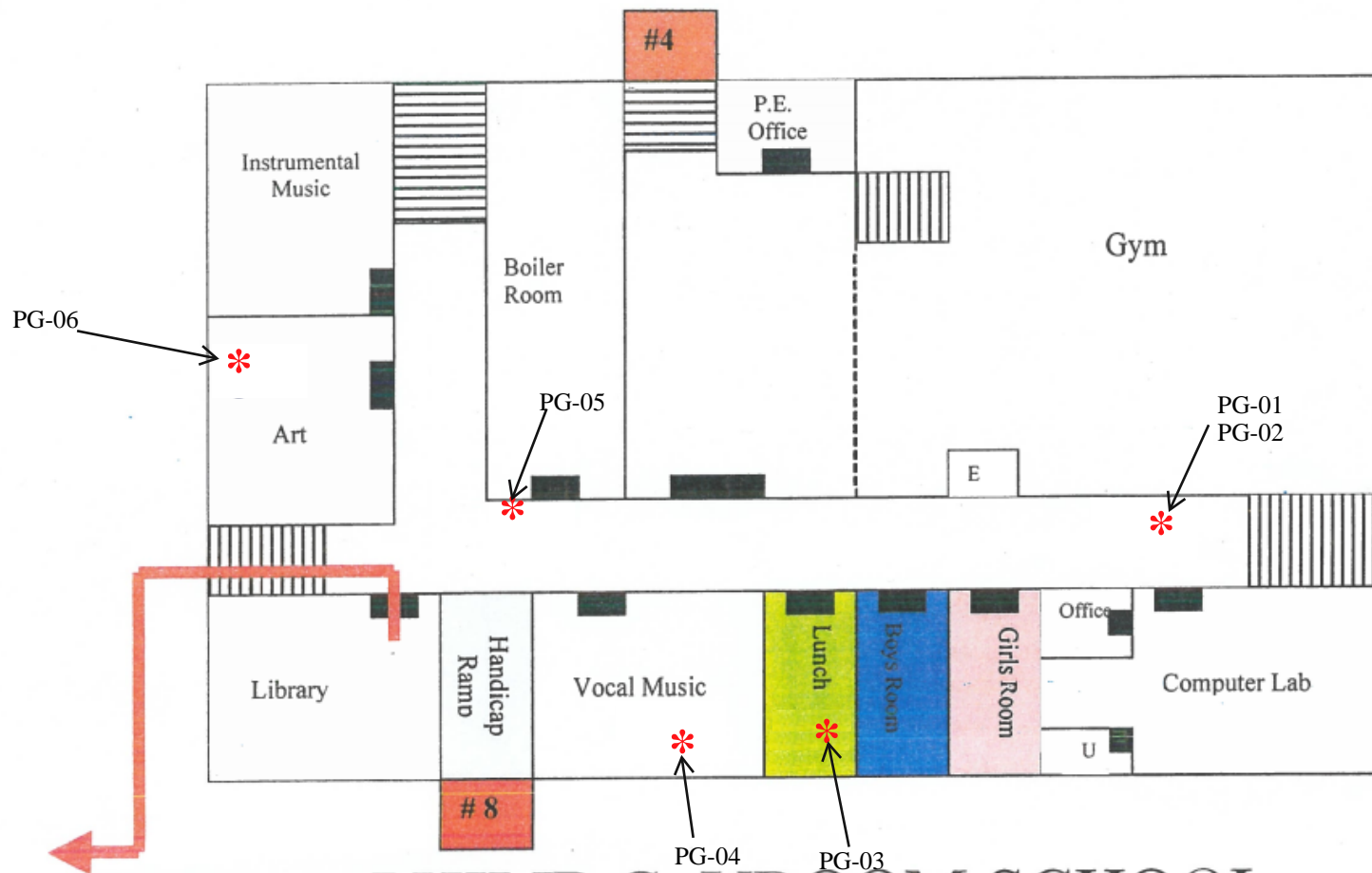
Project:
Bayonne Bayonne Board of
Education Phillip G. Vroom
Community School Lead in
Drinking Water

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

Note:
Not To Scale

MES Project Number: 22-04448

Date:
09/09/2022



Key:

* = Drinking Water Sampling Location

Doorway

E - Elevator

U - Utility Closet

Stairs

#4 Exits

PHILIP G. VROOM SCHOOL Basement Library