



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:

Rich Korpi Ice Rink
W 28th Street
Bayonne, New Jersey 07002

Submitted by:

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

REPORT DATE: September 8, 2025

MES PROJECT NO.: 25-05225

Prepared by:

A handwritten signature in blue ink, appearing to read 'Arllitzy Lezama'.

Arllitzy Lezama
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 Rich Korpi Ice Rink.

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>	Rich Korpi Ice Rink – Lead in Drinking Water
<u>Project Location:</u>	W 28th Street, Bayonne, New Jersey 07002
<u>Date(s) of Service:</u>	June 20, 2025 and August 23, 2025
<u>McCabe Personnel:</u>	Arllitzy Lezama and Gary Clare

2.0 SCOPE OF WORK

Drinking water testing was performed at Rich Korpi Ice Rink located at W 28th Street, Bayonne, New Jersey on June 20, 2025. 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 Rich Korpi Ice Rink on August 23, 2025. 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 June 20, 2025. Testing was followed as per past reports provided by Bayonne Board of Education.

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 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 from the June 20, 2025 testing in order of sample identification:

Sample ID	Sample Location	Lead Result	Exceeds (MCL 15 ppb)	Exceeds (MCL 20 ppb)
IR-01	First Draw – Chiller Outside Men/Women Bathroom	16.7	Fail	Pass
IR-02	30 Second Flush – Chiller Outside Men/Women Bathroom	6.8	Pass	Pass
IR-03	First Draw – Chiller Outside Gym	< 0.5	Pass	Pass
IR-04	First Draw – Kitchen Sink	2.1	Pass	Pass

The following table presents all sample results from the in order of sample identification from the follow-up lead in drinking water testing conducted on August 23, 2025:

Sample ID	Sample Location	Lead Result	Exceeds (MCL 15 ppb)	Exceeds (MCL 20 ppb)
IR-01-A	First Draw – Chiller Outside Men/Women Bathroom	0.6	Pass	Pass
IR-01-B	30 Second Flush – Chiller Outside Men/Women Bathroom	< 0.5	Pass	Pass

5.0 DISCUSSION AND CONCLUSION

A total of four (4) samples were collected from the Rich Korpi Ice Rink. One (1) sample was found to be greater than the EPA Lead and Copper Rule standard of 15 ppb, but lower than the EPA standards of 20ppb. All other samples were found to be less than the EPA standards of 20 ppb and 15 ppb.

As a follow-up to drinking water testing conducted on June 20, 2025, McCabe conducted follow-up testing on August 23, 2025. A total of two (2) samples were collected from the Rich Korpi Ice Rink located at W 28th Street, Bayonne, New Jersey 07002. All samples taken during the follow-up inspection were below the regulatory standard.

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, June 30, 2025

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

Project ID: 25-05225 BAYONNE BOARD OF EDUCATION
SDG ID: GCT57970
Sample ID#s: CT57970 - CT57973

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.

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

June 30, 2025

SDG I.D.: GCT57970

Project ID: 25-05225 BAYONNE BOARD OF EDUCATION

Client Id	Lab Id	Matrix	Col Date
IR-01	CT57970	DRINKING WATER	06/20/25 10:24
IR-02	CT57971	DRINKING WATER	06/20/25 10:25
IR-03	CT57972	DRINKING WATER	06/20/25 10:27
IR-04	CT57973	DRINKING WATER	06/20/25 10:28



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



Analysis Report

June 30, 2025

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

06/20/25
 06/23/25

Time

10:24
 16:20

Laboratory Data

SDG ID: GCT57970
 Phoenix ID: CT57970

Project ID: 25-05225 BAYONNE BOARD OF EDUCATION
 Client ID: IR-01

Parameter	Result	RL/ PQL	DIL	Units	AL	MCL	MCLG	Date/Time	By	Reference
Lead	16.7	0.5	2	ppb	15			06/26/25	CPP	E200.8
*** Lead exceeds Action Level of 15 ***										
Total Metal Digestion	Completed							06/25/25	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
 June 30, 2025

Reviewed and Released by: Alejandro Paredes, Project Manager



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



Analysis Report

June 30, 2025

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

06/20/25
 06/23/25

Time

10:25
 16:20

Laboratory Data

SDG ID: GCT57970
 Phoenix ID: CT57971

Project ID: 25-05225 BAYONNE BOARD OF EDUCATION
 Client ID: IR-02

Parameter	Result	RL/ PQL	DIL	Units	AL	MCL	MCLG	Date/Time	By	Reference
Lead	6.8	0.5	2	ppb	15			06/26/25	CPP	E200.8
Total Metal Digestion	Completed							06/25/25	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

June 30, 2025

Reviewed and Released by: Alejandro Paredes, Project Manager



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



Analysis Report

June 30, 2025

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

06/20/25
 06/23/25

Time

10:27
 16:20

Laboratory Data

SDG ID: GCT57970
 Phoenix ID: CT57972

Project ID: 25-05225 BAYONNE BOARD OF EDUCATION
 Client ID: IR-03

Parameter	Result	RL/ PQL	DIL	Units	AL	MCL	MCLG	Date/Time	By	Reference
Lead	< 0.5	0.5	2	ppb	15			06/26/25	CPP	E200.8
Total Metal Digestion	Completed							06/25/25	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

June 30, 2025

Reviewed and Released by: Alejandro Paredes, Project Manager



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



Analysis Report

June 30, 2025

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

06/20/25
 06/23/25

Time

10:28
 16:20

Laboratory Data

SDG ID: GCT57970
 Phoenix ID: CT57973

Project ID: 25-05225 BAYONNE BOARD OF EDUCATION
 Client ID: IR-04

Parameter	Result	RL/ PQL	DIL	Units	AL	MCL	MCLG	Date/Time	By	Reference
Lead	2.1	0.5	2	ppb	15			06/26/25	CPP	E200.8
Total Metal Digestion	Completed							06/25/25	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

June 30, 2025

Reviewed and Released by: Alejandro Paredes, Project Manager

Analysis Report - Summary

June 30, 2025

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.: GCT57970



Sample	Client Id	Col Date	Parameter	Result	RL	CL	Units	Date Analyzed	Reference
Project: 25-05225 Bayonne Board Of Education									
CT57970	IR-01	06/20/25	Lead	16.7	0.5		ppb	06/26/25	E200.8
CT57971	IR-02	06/20/25	Lead	6.8	0.5		ppb	06/26/25	E200.8
CT57972	IR-03	06/20/25	Lead	< 0.5	0.5		ppb	06/26/25	E200.8
CT57973	IR-04	06/20/25	Lead	2.1	0.5		ppb	06/26/25	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
June 30, 2025



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



QA/QC Report

June 30, 2025

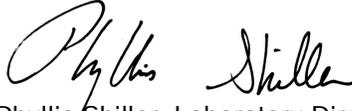
QA/QC Data

SDG I.D.: GCT57970

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 790693 (mg/L), QC Sample No: CT57968 (CT57970, CT57971, CT57972, CT57973)													
<u>ICP MS Metals - Aqueous</u>													
Lead	BRL	0.0001	<0.0005	0.0001	NC	107			96.4				

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
- (ISO) - Isotope Dilution


 Phyllis Shiller, Laboratory Director
 June 30, 2025

Monday, June 30, 2025

Criteria: NJ: DW

State: NJ

Sample Criteria Exceedances Report

GCT57970 - MCCABE-PB

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CT57970	PB-DW-MS	Lead	EPA / 40 CFR 141 DW / 141.80 Lead & Copper ALs	16.7	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.
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Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Comments

June 30, 2025

SDG I.D.: GCT57970

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

2.25 WCI P

MCCABE ENVIRONMENTAL SERVICES, L.L.C.
 464 VALLEY BROOK AVENUE LYNDBURST, 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: Bayonne High School Ice Rink
 669 Avenue A, Bayonne, NJ 07002
 FIELD INSPECTOR'S NAME:
 TURNAROUND TIME REQUESTED: 2-Week
 MES PROJECT #: 25-05225
 SAMPLE DATE: 6/20/25

Matrix	SAMPLE ID	SAMPLE LOCATION	TIME COLLECTED	ANALYSIS REQUESTED
DW	IR-01	First Draw - Chiller outside Men/Women's Bathroom	10:24 AM	LEAD - 200.8
DW	IR-02	FD - 30 sec. flush - Chiller outside Men/Women's Bathroom	10:25 AM	LEAD - 200.8
DW	IR-03	FD - Chiller outside gym	10:27 AM	LEAD - 200.8
DW	IR-04	FD - kitchen sink	10:28 AM	LEAD - 200.8
DW	IR-05	FD -		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

57970
 57971
 57972
 57973

Relinquished by (Print) Gary Chure
 Signature: [Signature] Date: 6/22/25 Time: 1015
 Received by: (Print) J. Demers
 Signature: [Signature] Date: 8.23.25 Time: 1015
 Relinquished by (Print) [Signature]
 Signature: [Signature] Date: 6/23/25 Time: 1020
 Received by: (Print) Abby Lee
 Signature: [Signature]

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

NJ Certified WBE



Saturday, August 30, 2025

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

Project ID: 25-05225-1 BAYONNE BOARD OF EDUCATION
SDG ID: GCU09443
Sample ID#s: CU09443 - CU09444

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.

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

August 30, 2025

SDG I.D.: GCU09443

Project ID: 25-05225-1 BAYONNE BOARD OF EDUCATION

Client Id	Lab Id	Matrix	Col Date
IR-01-A	CU09443	DRINKING WATER	08/23/25 6:56
IR-01-B	CU09444	DRINKING WATER	08/23/25 6:57



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



Analysis Report

August 30, 2025

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

08/23/25
 08/25/25

Time

6:56
 19:05

Laboratory Data

SDG ID: GCU09443
 Phoenix ID: CU09443

Project ID: 25-05225-1 BAYONNE BOARD OF EDUCATION
 Client ID: IR-01-A

Parameter	Result	RL/ PQL	DIL	Units	AL	MCL	MCLG	Date/Time	By	Reference
Lead	0.6	0.5	2	ppb	15			08/28/25	CPP	E200.8
Total Metal Digestion	Completed							08/26/25	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

August 30, 2025

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



Analysis Report

August 30, 2025

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

08/23/25
 08/25/25

Time

6:57
 19:05

Laboratory Data

SDG ID: GCU09443
 Phoenix ID: CU09444

Project ID: 25-05225-1 BAYONNE BOARD OF EDUCATION
 Client ID: IR-01-B

Parameter	Result	RL/ PQL	DIL	Units	AL	MCL	MCLG	Date/Time	By	Reference
Lead	< 0.5	0.5	2	ppb	15			08/28/25	CPP	E200.8
Total Metal Digestion	Completed							08/26/25	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

August 30, 2025

Reviewed and Released by: Anil Makol, Project Manager

Analysis Report - Summary

August 30, 2025

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.: GCU09443



Sample	Client Id	Col Date	Parameter	Result	RL	CL	Units	Date Analyzed	Reference
Project: 25-05225-1 Bayonne Board Of Education									
CU09443	IR-01-A	08/23/25	Lead	0.6	0.5		ppb	08/28/25	E200.8
CU09444	IR-01-B	08/23/25	Lead	< 0.5	0.5		ppb	08/28/25	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
August 30, 2025



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



QA/QC Report

August 30, 2025

QA/QC Data

SDG I.D.: GCU09443

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 800107A (mg/L), QC Sample No: CU08552 (CU09443, CU09444)

ICP MS Metals - Aqueous

Lead	BRL	0.0001				100						94.4	
------	-----	--------	--	--	--	-----	--	--	--	--	--	------	--

Comment:

This batch does not include a duplicate.

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
- (ISO) - Isotope Dilution


 Phyllis Shiller, Laboratory Director
 August 30, 2025

Saturday, August 30, 2025

Criteria: NJ: DW

State: NJ

Sample Criteria Exceedances Report

GCU09443 - MCCABE-PB

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
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*** 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

August 30, 2025

SDG I.D.: GCU09443

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

LEAD in DRINKING WATER

CHAIN-OF-CUSTODY FORM

1-1 WAF

CLIENT NAME: Bayonne Board of Education
 SITE ADDRESS: Bayonne High School Ice Rink
 669 Avenue A, Bayonne, NJ 07002
 TURNAROUND TIME REQUESTED: 2-Week

Matrix	SAMPLE ID	SAMPLE LOCATION	TIME COLLECTED	ANALYSIS REQUESTED
DW	IR-01-A	First Draw - Chiller Outside Men/Women Bathroom	6:56 A.M	LEAD - 200.8
DW	IR-01-B	30 sec. Flush - Chiller Outside Men/Women Bathroom	6:57 A.M	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

MES PROJECT #: 25-05225 - 1
 SAMPLE DATE: 8/23/25

Relinquished by (Print) *Arilitzy Lezama*
 Signature: *Arilitzy Lezama* Date: 8/25/25 Time: 12:45
 Received by: (Print) *J. Demers*
 Signature: *J. Demers* Date: 8/25/25 Time: 16:16

Laboratory Analysis Performed by (Analyst Signature, Laboratory Name & Location): *[Signature]* Phoenix Environmental Laboratories
 Date: 8/25/25

APPENDIX B

**SCHOOL DISTRICT SAMPLING
ATTACHMENTS**

Attachment A - List of Priority for Sampling

SCHOOL NAME	DATE OF SAMPLING	CERTIFIED LABORATORY	NOTES
Rich Korpi Ice Rink	06/20/2025	Phoenix Environmental Laboratories Inc.	

Attachment A - List of Priority for Sampling

SCHOOL NAME	DATE OF SAMPLING	CERTIFIED LABORATORY	NOTES
Rich Korpi Ice Rink	08/23/2025	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: Bayonne HS Ice Rink Grade Levels: 9-12

Address: 669 Ave. A, Bayonne, NJ 07002

Individual school project officer Signature: *Scott Nolan* Date: 8/5/2025

Questions	Answers	
Background Information		
1. What year was the original building constructed? Were any buildings or additions added to the original facility?	Grade 9-12 Built in 1986	
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?	Location:	Description:
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: Ice Rink Duct Iron Location: The water main (roadway between ice rink and annex) enters the 1st floor enters the 1st floor 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?	Y / N No treatment of water Type: at POE City water comes treated	ice rink 1986 Location:

Questions	Answers
6. Are there tanks in your plumbing system (pressure tanks, gravity storage tanks)?	Y / N Yes Building has two 100 gallon hot water storage tank located in 2nd floor mechanical room Building has a 75 gallon hot water storage tank located in Zamboni garage
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 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.	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 Note the water flow through the building and the areas that receive water first, and which areas receive water last.	Copper Water flow through the building shown on prints	
4. Are electrical wires grounded to Water Pipes? Note location(s).	Y / N Location:	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 - Water 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 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 style="text-align: right;">Permanently</p> <p style="text-align: right;">Temporarily</p>	<p>Y / N</p> <p>Complete "Operational Column" in Attachment C- Drinking Water Outlet Inventory.</p> <p>Type/ Location</p>	<p>Description</p>

Attachment C – Drinking Water Outlet Inventory

Name of School: Rich Korpi Ice Rink

Address: W 28th Street, Bayonne, NJ 07002

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

Individual School Project Officer: Scott Nolan

Date Completed: 09/05/2025

# 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	Chiller	Outside Men/Women Bathroom	IR-01	Y	N	Y	N	Y	N	N	NA	NA	
02	Chiller	Outside Men/Women Bathroom	IR-02	Y	N	Y	N	N	N	N	NA	NA	Flush
03	Chiller	Outside Gym	IR-03	Y	N	Y	N	N	Y	Y	NA	NA	
04	Sink	Kitchen Sink	IR-04	Y	N	N	N	Y	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.

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.

Attachment D - Filter Inventory

Name of School: Rick Korpi Ice Rink

Grade Levels: High School

Address: W 28th Street, Bayonne, NJ 07002

Individual School Project Officer: Scott Nolan

Date: 09/05/2025

Sample Location / Code	Brand	Type (Make & Model)	Date Installed or Replaced	Replacement Frequency	NSF Certified for Lead Reduction Y/N
IR-01	Elkay	EZSDWS	August 2025	N/A	N/A
IR-02	Elkay	EZSDWS	N/A	N/A	N/A
IR-03	Elkay	EZSDWS	N/A	N/A	N/A
IR-04	N/A	N/A	N/A	N/A	N/A

Attachment E – Flushing Log

Name of School: Rick Korpi Ice Rink

Address: W 28th Street, Bayonne, NJ 07002

Grade Levels: High School

Individual School Project Officer: Scott Nolan

Date: 09/05/2025

Sample Location Description	Sample Location Code	Date	Time	Duration of Flushing	Reason for Flushing
Chiller Outside Men/Women Bathroom	IR-01	August 22, 2025	5:30 pm	2-3 Minutes	Water Sampling
Chiller Outside Men/Women Bathroom	IR-02	June 19, 2025	5:30 pm	2-3 Minutes	Water Sampling
Chiller Outside Gym	IR-03	June 19, 2025	5:30 pm	2-3 Minutes	Water Sampling
Kitchen Sink	IR-04	June 19, 2025	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>Rich Korpi Ice Rink</u>	
Sample collection address:	<u>W 28th Street, Bayonne, NJ 07002</u>	
Water was last used:	<u>Time: 5:30 pm</u>	<u>Date: June 19, 2025</u>
Sample commencement:	<u>Time: 10:24 am</u>	<u>Date: June 20, 2025</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>07/22/2025</u>	
Signature	Date	

Attachment F - Pre - Sampling Water Use Certification

TO BE COMPLETED BY THE BAYONNE BOE DISTRICT REPRESENTATIVE:		
School Name:	<u>Rich Korpi Ice Rink</u>	
Sample collection address:	<u>W 28th Street, Bayonne, NJ 07002</u>	
Water was last used:	<u>Time: 5:30 pm</u>	<u>Date: August 22, 2025</u>
Sample commencement:	<u>Time: 6:56 am</u>	<u>Date: August 23, 2025</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>09/05/2025</u>	
Signature	Date	