McCABE ENVIRONMENTAL SERVICES, L.L.C.
464 Valley Brook Ave • Lyndhurst NJ, 07071 • Phone: (201) 438-4839 / Fax: (201) 438-1798

LEAD IN DRINKING WATER TESTING RE-SAMPLE REPORT

Conducted for:
Greater Bergen Community Action
392 Main Street
Hackensack, New Jersey 07601

Conducted at:
Bergen Institute
2 Oxford Avenue
Jersey City, New Jersey 07304

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

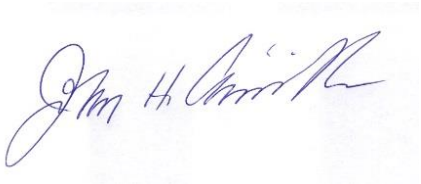
REPORT DATE: December 4, 2019

MES PROJECT NO.: 19-03619

Prepared by:

Joseph O'Brien
Environmental Scientist

Signed for the Company by:



John H. Chiaviello
Vice President

Certified Women, Small & Disadvantaged Business Enterprise (WBE/SBE/DBE)

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1.0 INTRODUCTION

McCabe Environmental Services, L.L.C. (McCabe) was retained by Greater Bergen Community Action to conduct a follow-up lead in drinking water testing at the Greater Bergen Community Actions facility located at 2 Oxford Avenue, Jersey City, New Jersey 07304.

The project information is as follows:

Client Name:	Greater Bergen Community Action
Contact Person:	Mr. Jeff Martin
Project Name:	Lead in Drinking Water- Follow-up Sampling
Project Location:	2 Oxford Avenue Jersey City, New Jersey 07304
Date(s) of Service:	October 10, 2019
McCabe Personnel:	Gary Clare

2.0 SCOPE OF WORK

Follow-up drinking water testing was performed at Bergen Institute located at 2 Oxford Avenue, Jersey City, New Jersey 07304 on October 10, 2019. The failed location was re-sampled with a first draw sample and immediately followed up with a thirty (30) second flush sample. 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 areas that exceeded the regulatory standards in the first round of sampling.

3.0 PROCEDURES

After returning to the failed outlets from the March 23, 2019 sampling, McCabe personnel collected a "first draw" sample at the failed 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. 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)
BI-11B	Classroom 4 – Right Sink – First Draw	0.8	Pass	Pass
BI-11C	Classroom 4 – Right Sink- 30 Second Flush	1.1	Pass	Pass

5.0 DISCUSSION AND CONCLUSION

A total of two (2) samples were collected from Bergen Institute located at 2 Oxford Avenue, Jersey City, New Jersey. All samples were found to be less than the EPA Lead in Drinking Water at Schools and Child Care Facilities standard of 20 ppb, as well as the EPA Lead and Copper Rule standard of 15 ppb.

United Water has produced the Bergen/Hudson Consumer Confidence Report, issued in June 2014, which details testing done to the water supply for these areas. Lead levels were slightly elevated, but not exceeding the MCL. These results are accessible through the United Water web page.

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

PHOENIX
Environmental Laboratories, Inc.

Monday, October 21, 2019

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

Project ID: GREATER BERGEN COMMUNITY ACTION-2 OXFORD
SDG ID: GCE40421
Sample ID#s: CE40421 - CE40422

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,

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
UT Lab Registration #CT00007
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

NY # 11301

Sample Id Cross Reference

October 21, 2019

SDG I.D.: GCE40421

Project ID: GREATER BERGEN COMMUNITY ACTION-2 OXFORD

Client Id	Lab Id	Matrix
BI-11B	CE40421	DRINKING WATER
BI-11C	CE40422	DRINKING WATER

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 21, 2019

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

Sample Information		Custody Information		Date	Time
Matrix:	DRINKING WATER	Collected by:		10/10/19	7:15
Location Code:	MCCABE	Received by:	SW	10/14/19	14:41
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCE40421
Phoenix ID: CE40421

Project ID: GREATER BERGEN COMMUNITY ACTION-2 OXFORD
Client ID: BI-11B

Parameter	Result	RL/ PQL	DIL	Units	AL	MCL	MCLG	Date/Time	By	Reference
Lead	0.8	0.5	2	ppb	15			10/17/19	MGH	E200.8
Total Metal Digestion	Completed							10/16/19	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:

Maximum Contaminant Level (MCL): 40 CFR Part 141. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Action Level (AL): 40 CFR Part 141.80.

Secondary DW Maximum Contaminant Level Goal (MCLG): (Lower of): 40 CFR Part 141; 40 CFR Part 143. The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs are non-enforceable public health goals.

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
October 21, 2019
Reviewed and Released by: Rashmi Makol, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 21, 2019

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

Sample Information		Custody Information		Date	Time
Matrix:	DRINKING WATER	Collected by:		10/10/19	7:16
Location Code:	MCCABE	Received by:	SW	10/14/19	14:41
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCE40421
Phoenix ID: CE40422

Project ID: GREATER BERGEN COMMUNITY ACTION-2 OXFORD
Client ID: BI-11C

Parameter	Result	RL/ PQL	DIL	Units	AL	MCL	MCLG	Date/Time	By	Reference
Lead	1.1	0.5	2	ppb	15			10/17/19	MGH	E200.8
Total Metal Digestion	Completed							10/16/19	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:

Maximum Contaminant Level (MCL): 40 CFR Part 141. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Action Level (AL): 40 CFR Part 141.80.

Secondary DW Maximum Contaminant Level Goal (MCLG): (Lower of): 40 CFR Part 141; 40 CFR Part 143. The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs are non-enforceable public health goals.

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
October 21, 2019
Reviewed and Released by: Rashmi Makol, Project Manager

Analysis Report - Summary

October 21, 2019

SDG I.D.: GCE40421

Attn: Jarred Panecki
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Lyndhurst, New Jersey 07071

PHOENIX
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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Sample	Client Id	Col Date	Parameter	Result	RL	CL	Units	Date Analyzed	Reference
Project:	Greater Bergen Community Action-2 Oxford								
CE40421	BI-11B	10/10/19	Lead	0.8	0.5		ppb	10/17/19	E200.8
CE40422	BI-11C	10/10/19	Lead	1.1	0.5		ppb	10/17/19	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
October 21, 2019

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NY # 11301

QA/QC Report

October 21, 2019

QA/QC Data

SDG I.D.: GCE40421

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 501889 (mg/L), QC Sample No: CE40165 2X (CE40421, CE40422)													
ICP MS Metals - Aqueous													
Lead	BRL	0.0005	<0.0005	<0.0005	NC	104			98.2			85 - 115	20
Comment:													
Additional: LCS acceptance range is 85-115% MS acceptance range 70-130%.													

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
October 21, 2019

Monday, October 21, 2019

Criteria: NJ: DW

State: NJ

Sample Criteria Exceedances Report

GCE40421 - MCCABE

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

*** No Data to Display ***

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

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Comments

October 21, 2019 SDG I.D.: GCE40421

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

1:2 owc 10

McCabe Environmental Services, L.L.C.
464 Valley Brook Avenue Lyndhurst, NJ 07071• Phone: (201)438-4839 Fax: (201)438-1798

LEAD & COPPER in DRINKING WATER
CHAIN-OF-CUSTODY FORM

CLIENT NAME: Greater Bergen Community Action	**SITE ADDRESS:** 2 Oxford Avenue, Jersey City, New Jersey
FIELD INSPECTOR'S NAME: Gary Clare	**TURNAROUND TIME REQUESTED:** 2 weeks
MES PROJECT #: 19-03619 **SAMPLE DATE:** 10/10/19	

Matrix	SAMPLE ID	SAMPLE LOCATION	TIME COLLECTED	ANALYSIS REQUESTED
40421 DW	BI-11 B	Classroom 4 - Right Sink - First Draw	7:15	~~COPPER – 200.7~~ LEAD – 200.8
40422 DW	BI-11 C	Classroom 4 - Right Sink - 30 second flush	7:16	~~COPPER – 200.7~~ LEAD – 200.8
DW				COPPER – 200.7 LEAD – 200.8
DW				COPPER – 200.7 LEAD – 200.8
DW				COPPER – 200.7 LEAD – 200.8
DW				COPPER – 200.7 LEAD – 200.8
DW				COPPER – 200.7 LEAD – 200.8
DW				COPPER – 200.7 LEAD – 200.8
DW				COPPER – 200.7 LEAD – 200.8
DW				COPPER – 200.7 LEAD – 200.8

(GC) Test for Lead Only

	Date:	Time:		Date:	Time:
Relinquished by (Print) Gary Clare	10/14/19	9:40 am	**Received by: (Print)**	10/14/19	9:40
Signature:			**Signature:**		
Relinquished by (Print)			**Received by: (Print)** Monica Pellerin	10/14/19	14:41
Signature:			**Signature:**		

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

NJ Certified WBE