



Lyndhurst Public Schools

BOARD OF EDUCATION

420 Fern Avenue ■ Lyndhurst, NJ 07071
Ph: 201.438.5683 Fax: 201.896.2118 ■ www.lyndhurstschools.net

SHAUNA C. DEMARCO

Superintendent of Schools

JAMES A. CORINO, ED. D.

Interim Assistant Superintendent

DAVID DIPISA

*School Business Administrator
Board Secretary*

July 28, 2016

Dear Parents and Caregivers,

Starting with the 2016-17 school year, NJ school districts are required to test their drinking water for lead. New rules regarding lead testing in water were implemented by Governor Chris Christie after elevated lead levels were found last year in the water of several school districts, including Newark. Officials declare that potential exposure to lead-contaminated drinking water poses serious health risks.

Under the new rules adopted by the state, school districts in New Jersey that have not tested their drinking water for lead must do so within one year. These new regulations also mandate districts to test the water used for drinking and cooking at least once every six years.

These new regulations were passed by the State Board of Education on Wednesday, July 13, 2016. All NJ districts which test within a year of these new regulations are granted eligibility for reimbursement of testing costs through the state of NJ. Districts are also given the opportunity to apply for a one-year extension if their water has been tested within the past five years.

The Lyndhurst Public Schools conducted lead testing district wide from June 7, 2016 through June 9, 2016. There were fifty-two (52) samples taken and tested by McCabe Environmental Services, LLC.

We are pleased to report that only one (1) sink, located in the office of the high school athletic trainer, by the gymnasium, did not pass the lead test. This sink has been placed out of service and follow-up tests are being conducted, as required by regulation, to locate the origin of the problem and resolve it accordingly.

A complete report of each school's test results can be found on the respective school's website. Go to www.lyndhurstschools.net. and click on the tab of the school to view this information. If any further questions need to be answered, please contact David DiPisa, the School Business Administrator of the Lyndhurst Public Schools, at 201.438.5683 x4728.

Sincerely,

David DiPisa

School Business Administrator/Board Secretary

Shauna C. DeMarco

Superintendent of Schools



LEAD IN DRINKING WATER TESTING REPORT

Conducted for:

Lyndhurst Board of Education
420 Fern Avenue
Lyndhurst, New Jersey 07071

Conducted at:

Lincoln School
281 Ridge Road
Lyndhurst, New Jersey 07071

Submitted by:

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

REPORT DATE: June 21, 2016

MES PROJECT No.: 16-03008

Prepared by:

Matthew Smith
(EM)

Matthew Smith
Environmental Scientist

Signed for the Company by:

John H. Chiaviello
(EM)

John H. Chiaviello
Vice President

TABLE OF CONTENTS

	<u>Page</u>
1.0 INTRODUCTION	1
2.0 SCOPE OF WORK.....	1
3.0 PROCEDURES	1
4.0 TABLE OF SAMPLE RESULTS	2
5.0 DISCUSSION AND CONCLUSION	2

APPENDIX A

Laboratory Certificates of Analysis
&
Sample Chain of Custody Forms

1.0 INTRODUCTION

McCabe Environmental Services, L.L.C. (McCabe) was retained by Lyndhurst Board of Education to conduct lead in drinking water testing at Lincoln School.

The project information is as follows:

Client Name: Lyndhurst Board of Education
Contact Person: Mr. David DiPisa

Project Name: Lincoln School
Project Location: 281 Ridge Road
Lyndhurst, New Jersey 07071

Date(s) of Service: June 7, 2016

McCabe Personnel: Matthew Smith

2.0 SCOPE OF WORK

Drinking water testing was performed at Lincoln School on June 7, 2016. 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.

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. 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 Guidelines 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

Table 4.1 presents all sample results:

Table 4.1				
Sample ID	Sample Location	Lead Result (ppb)	Exceeds (MCL 15 ppb)	Exceeds (MCL 20 ppb)
LS-01	Faculty Lounge – Sink	< 1.0	Pass	Pass
LS-02	First Floor – Water Cooler	< 1.0	Pass	Pass
LS-03	Basement – Water Cooler	< 1.0	Pass	Pass
LS-04	Second Floor – Water Cooler	< 1.0	Pass	Pass
LS-05	Third Floor – Water Cooler	< 1.0	Pass	Pass
LS-06	Third Floor – Teacher’s Room - Sink	5.0	Pass	Pass

5.0 DISCUSSION AND CONCLUSION

As per Table 4.1, a total of six (6) samples were collected from Lincoln School. 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 less than the EPA Lead and Copper Rule standard of 15 ppb.

McCabe 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 13, 2016

Attn: Janet Leone
McCabe Environmental Services, LLC
464 Valley Brook Avenue
Lyndhurst, New Jersey 07071

Project ID: 16-03008
Sample ID#s: BN49978 - BN49983

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.

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

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

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 #MA-CT-007
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



Analysis Report

June 13, 2016

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

Sample Information

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

Custody Information

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

Date Time

06/07/16 5:20
06/07/16 15:26

Laboratory Data

SDG ID: GBN49978
Phoenix ID: BN49978

Project ID: 16-03008
Client ID: LS-01

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	By	Reference
Lead	< 0.001	0.001	1	mg/L	0.015		06/10/16	LK	E200.5
Total Metal Digestion	Completed						06/08/16	TH/BF	E200.5/E200.7

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.)
MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

Comments:

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

Secondary DW Maximum Contaminant Level Goal (MCLG): 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 there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director

June 13, 2016

Reviewed and Released by: Bobbi Aloisa, Vice President



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



Analysis Report

June 13, 2016

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

Sample Information

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

Custody Information

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

Date

06/07/16
06/07/16

Time

5:22
15:26

Laboratory Data

SDG ID: GBN49978
Phoenix ID: BN49979

Project ID: 16-03008
Client ID: LS-02

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	By	Reference
Lead	< 0.001	0.001	1	mg/L	0.015		06/10/16	LK	E200.5
Total Metal Digestion	Completed						06/08/16	TH/BF	E200.5/E200.7

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BRL=Below Reporting Level (less than the reporting level, the lowest amount the laboratory can detect and report.)
MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

Comments:

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

Secondary DW Maximum Contaminant Level Goal (MCLG): 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.

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June 13, 2016

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Analysis Report

June 13, 2016

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

Sample Information

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

Custody Information

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

Date

Time

06/07/16 5:26
06/07/16 15:26

Laboratory Data

SDG ID: GBN49978
Phoenix ID: BN49980

Project ID: 16-03008
Client ID: LS-03

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	By	Reference
Lead	< 0.001	0.001	1	mg/L	0.015		06/10/16	LK	E200.5
Total Metal Digestion	Completed						06/08/16	TH/BF	E200.5/E200.7

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.)
MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

Comments:

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

Secondary DW Maximum Contaminant Level Goal (MCLG): 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.

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June 13, 2016

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Analysis Report

June 13, 2016

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

Sample Information

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

Custody Information

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

Date

06/07/16
06/07/16

Time

5:30
15:26

Laboratory Data

SDG ID: GBN49978
Phoenix ID: BN49981

Project ID: 16-03008
Client ID: LS-04

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	By	Reference
Lead	< 0.001	0.001	1	mg/L	0.015		06/10/16	LK	E200.5
Total Metal Digestion	Completed						06/08/16	TH/BF	E200.5/E200.7

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BRL=Below Reporting Level (less than the reporting level, the lowest amount the laboratory can detect and report.)
MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

Comments:

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Secondary DW Maximum Contaminant Level Goal (MCLG): 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.

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Phyllis Shiller, Laboratory Director

June 13, 2016

Reviewed and Released by: Bobbi Aloisa, Vice President



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Analysis Report

June 13, 2016

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

Sample Information

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

Custody Information

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

Date

06/07/16
06/07/16

Time

5:32
15:26

Laboratory Data

SDG ID: GBN49978
Phoenix ID: BN49982

Project ID: 16-03008
Client ID: LS-05

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	By	Reference
Lead	< 0.001	0.001	1	mg/L	0.015		06/10/16	LK	E200.5
Total Metal Digestion	Completed						06/08/16	TH/BF	E200.5/E200.7

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.)
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Comments:

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Phyllis Shiller, Laboratory Director

June 13, 2016

Reviewed and Released by: Bobbi Aloisa, Vice President



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Analysis Report

June 13, 2016

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

Sample Information

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

Custody Information

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

Date Time

06/07/16 5:34
06/07/16 15:26

Laboratory Data

SDG ID: GBN49978
Phoenix ID: BN49983

Project ID: 16-03008
Client ID: LS-06

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	By	Reference
Lead	0.005	0.001	1	mg/L	0.015		06/10/16	LK	E200.5
Total Metal Digestion	Completed						06/08/16	TH/BF	E200.5/E200.7

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.)
MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

Comments:

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

Secondary DW Maximum Contaminant Level Goal (MCLG): 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.

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June 13, 2016

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QA/QC Report

June 13, 2016

QA/QC Data

SDG I.D.: GBN49978

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 348348 (mg/L), QC Sample No: BN49969 (BN49978, BN49979, BN49980, BN49981, BN49982, BN49983)

ICP Metals - Aqueous

Lead	BRL	0.001	0.002	0.001	NC	101			97.2			85 - 115	20
------	-----	-------	-------	-------	----	-----	--	--	------	--	--	----------	----

Comment:

Additional: LCS acceptance range is 85-115% MS acceptance range 75-125%.

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

June 13, 2016

Sample Criteria Exceedences Report

Criteria: None

State: NJ

GBN49978 - MCCABE

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL	Analysis Units
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*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this 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

June 13, 2016

SDG I.D.: GBN49978

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: Lyndhurst Board of Education		SITE ADDRESS: Lincoln School 281 Ridge Road, Lyndhurst, New Jersey 07071	
FIELD INSPECTOR'S NAME: <i>Matt Smith</i>		TURNAROUND TIME REQUESTED: <i>5-7 days</i>	
MES PROJECT #: 16-03008	SAMPLE DATE: <i>6/7/16</i>		

Matrix	SAMPLE ID	SAMPLE LOCATION	TIME COLLECTED	ANALYSIS REQUESTED
DW	LS-01	Faculty Lounge - Sink	5:20 AM	LEAD - 200.8
DW	LS-02	First Floor - Water Cooler	5:22 AM	LEAD - 200.8
DW	LS-03	Basement - Water Cooler	5:26 AM	LEAD - 200.8
DW	LS-04	Second Floor - Water Cooler	5:30 AM	LEAD - 200.8
DW	LS-05	Third Floor - Water Cooler	5:32 AM	LEAD - 200.8
DW	LS-06	Third Floor - Teacher's Room - Sink	5:34 AM	LEAD - 200.8
DW				LEAD - 200.8
DW				LEAD - 200.8
DW				LEAD - 200.8
DW				LEAD - 200.8

Relinquished by (Print) <i>Matt Smith</i>	Date: <i>6/7/16</i>	Time: <i>10:30</i>	Received by: (Print) <i>David Caputo</i>	Date: <i>6/7/16</i>	Time: <i>10:51</i>
Signature: <i>Matt Smith</i>			Signature: <i>David Caputo</i>		
Relinquished by (Print) <i>Greg Watson</i>	Date:	Time:	Received by: (Print) <i>Nancy Pelletier</i>	Date: <i>6/7/16</i>	Time: <i>15:26</i>
Signature: <i>Greg Watson</i>			Signature: <i>Nancy Pelletier</i>		

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