



181 US Hwy 46
Mine Hill, NJ 07803
(908) 654-8068
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LEAD IN DRINKING WATER REPORT

Performed At:

Clinton Elementary
Clinton Elementary
South Orange, NJ 07079

Performed For:

South Orange Maplewood Board of Education
Ronald Erazo
25 West Parker Ave
Maplewood, NJ 07040

Prepared By:

LEW Corporation
181 US Hwy 46
Mine Hill, NJ 07803

Phone (908) 654-8068
Fax (908) 654-8069
Website <http://www.LEWCorp.com>

Inspection Date: 1/12/2020
Project Number: 200005

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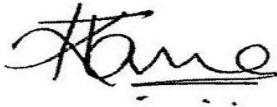
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Contact Information

Agency

Client Contact:	Ronald Erazo
Client Name:	South Orange Maplewood Board of Education
Street Address	25 West Parker Ave Maplewood, NJ 07040
Phone Number:	201 259 2469 c

Risk Assessor(s)

Site Assessor(s):	Krishi Tanna
License:	NJDOH #013217
Signature:	
Date:	January 27, 2020
E-Mail	ktanna@lewcorp.com

Firm

Organization:	LEW Corporation
Certification #:	NJDCA 00015 E
Street:	181 US Hwy 46
City, State & Zip:	Mine Hill, NJ 07803
Phone Number:	908-654-8068
Web Address:	http://www.lewcorp.com

Laboratory

Organization:	Environmental Hazard Services, LLC
Street:	7469 Whitepine Road
City, State & Zip:	Richmond, VA 23237
NJDEP Certification #	VA008
Phone Number:	800-347-4010

Introduction

LEW Corporation was contracted by South Orange Maplewood Board of Education to test for the presence of lead in drinking water in Clinton Elementary School.

Sampling Methodology

LEW Corporation followed the July 13, 2016 amendments to NJAC 6A:26. Full details on sampling practices can be found in Districts Sampling Plan.

All samples were collected in 250mL wide mouth plastic containers that was prepackaged by the analytical laboratory. The sample containers may contain nitric acid, if expedited analysis is required. If not, nitric acid will be added to each sample upon arrival at the laboratory. At each sample location, the first draw sample was taken after it was determined that the water had been standing in the plumbing system for greater than eight hours but less than forty-eight hours. If second draw samples were collected, they were collecting following a flushing protocol outlined in the District's Sampling Plan.

Drinking Water Results

On January 12 2020, LEW Corporation collected the following number of water samples:

Clinton Elementary School

- 20 first draw samples collected + 1 QAQC
- 0 samples above the 15ppb action level

The complete list of samples that exceeded the 15ppb limit can be found in Appendix A. The complete list of all sample results can be found in Appendix C. The laboratory results can be found in Appendix E.

Recommendations

Those outlets where the first draw sample tested below 15ppb are not considered to be elevated and no mitigation is necessary.

For those outlets where the first draw sample exceeds 15ppb the following steps are recommended:

- 1) Immediately discontinue use of the outlets.
- 2) Conduct second draw (flush) samples on these outlets to further delineate source of contamination.

Additional Recommendations

- 1) Follow-up samples should be collected after any remediation efforts in order to determine the efficacy of the work.
- 2) Any of the inoperable/non-functioning outlets listed above that are brought back into service should be sample.
- 3) Comply with all requirements set forth in NJAC 6A:26.

Appendix A Exceedances

Sample ID	Sample Date	Analysis Date	Location	Concentration
No Exceedances				

Appendix B Recommendations

Sample ID	Sample Date	Location	Concentration	Recommendation
No recommendations needed				

Appendix C All Results

Sample ID	Sample Date	Analysis Date	Location	Concentration
CE-WF-1	1/12/20	1/21/20	ACROSS RM 105 LEFT	1.23
CE-WF-2	1/12/20	1/21/20	ACROSS RM 105 RIGHT	1.09
CE-WF-3	1/12/20	1/21/20	BY RM 102	1.45
CE-WF-4	1/12/20	1/21/20	NEXT TO CAFETERIA LEFT	1.16
CE-WF-5	1/12/20	1/21/20	NEXT TO CAFETERIA RIGHT	2.44
CE-S-6	1/12/20	1/21/20	KITCHEN ACROSS THE DOOR	<1.00
CE-S-7	1/12/20	1/21/20	KITCHEN NEXT TO THE DOOR	1.63
CE-WF-8	1/12/20	1/21/20	CAFETERIA WF	<1.00
CE-WF-9	1/12/20	1/21/20	NEXT TO STAIRWELL 4 LEFT	<1.00
CE-WF-10	1/12/20	1/21/20	NEXT TO STAIRWELL 4 RIGHT	<1.00
CE-WF-11	1/12/20	1/21/20	ACROSS RM 106	1.40
CE-WF-12	1/12/20	1/21/20	ACROSS RM 214 LEFT	6.07
CE-WF-13	1/12/20	1/21/20	ACROSS RM 214 RIGHT	6.21
CE-WF-14	1/12/20	1/21/20	NEXT TO RM 211	3.72
CE-S-15	1/12/20	1/21/20	TEACHERS LOUNGE SINK	<1.00
CE-S-16	1/12/20	1/21/20	RM 223	1.22
CE-WF-17	1/12/20	1/21/20	NEXT TO RM 221	<1.00
CE-WF-18	1/12/20	1/21/20	ACROSS RM 217	<1.00
CE-S-19	1/12/20	1/21/20	NURSES SINK	2.72
CE-S-20	1/12/20	1/21/20	NURSES BATHROOM SINK	<1.00
CE-WF-21	1/12/20	1/21/20	NEXT TO EXIT (QAQC)	<1.00

Appendix D Floor Plan(s)

Appendix E Laboratory Data



Environmental Hazards Services, L.L.C.
7469 Whitepine Rd
Richmond, VA 23237
Telephone: 800.347.4010

Lead in Drinking Water Analysis Report

Client: LEW Corp
181 US Hwy 46
Mine Hill, NJ 07803

Report Number: 20-01-02185

Received Date: 01/17/2020
Reported Date: 01/22/2020
Sampled By: Krishi Tanna
Tech Certification #:

Project/Test Address: 200005; Clinton Elementary; 27 Bershire Rd; Maplewood, NJ 07040

Client Number:
201327

Laboratory Results

Fax Number:
Ext 18 Melissa

Lab Sample Number	Client Sample ID	Collection Date	Collection Location	Concentration ug/L (ppb)	Analysis Date	Narrative ID
20-01-02185-001	CE-WF-1	01/12/2020	ACROSS RM 105 LEFT	1.23	01/21/2020	
20-01-02185-002	CE-WF-2	01/12/2020	ACROSS RM 105 RIGHT	1.09	01/21/2020	
20-01-02185-003	CE-WF-3	01/12/2020	BY ROOM 102	1.45	01/21/2020	
20-01-02185-004	CE-WF-4	01/12/2020	NEXT TO CAFETERIA LEFT	1.16	01/21/2020	
20-01-02185-005	CE-WF-5	01/12/2020	NEXT TO CAFETERIA RIGHT	2.44	01/21/2020	
20-01-02185-006	CE-S-6	01/12/2020	KITCHEN ACROSS THE DOOR	<1.00	01/21/2020	
20-01-02185-007	CE-S-7	01/12/2020	KITCHEN NEXT TO THE DOOR	1.63	01/21/2020	
20-01-02185-008	CE-WF-8	01/12/2020	CAFETERIA WF	<1.00	01/21/2020	
20-01-02185-009	CE-WF-9	01/12/2020	NEXT TO STAIRWELL 4 LEFT	<1.00	01/21/2020	
20-01-02185-010	CE-WF-10	01/12/2020	NEXT TO STAIRWELL 4 RIGHT	<1.00	01/21/2020	
20-01-02185-011	CE-WF-11	01/12/2020	ACROSS ROOM 106	1.40	01/21/2020	
20-01-02185-012	CE-WF-12	01/12/2020	ACROSS ROOM 214 LEFT	6.07	01/21/2020	
20-01-02185-013	CE-WF-13	01/12/2020	ACROSS ROOM 214 RIGHT	6.21	01/21/2020	

Environmental Hazards Services, L.L.C

Client Number: 201327
Project/Test Address: 200005; Clinton Elementary; 27 Bershire Rd;
Maplewood, NJ 07040

Report Number: 20-01-02185

Lab Sample Number	Client Sample ID	Collection Date	Collection Location	Concentration ug/L (ppb)	Analysis Date	Narrative ID
20-01-02185-014	CE-WF-14	01/12/2020	NEXT TO ROOM 211	3.72	01/21/2020	
20-01-02185-015	CE-S-15	01/12/2020	TEACHERS LOUNGE SINK	<1.00	01/21/2020	
20-01-02185-016	CE-S-16	01/12/2020	ROOM 223	1.22	01/21/2020	
20-01-02185-017	CE-WF-17	01/12/2020	NEXT TO ROOM 221	<1.00	01/21/2020	
20-01-02185-018	CE-WF-18	01/12/2020	ACROSS ROOM 217	<1.00	01/21/2020	
20-01-02185-019	CE-S-19	01/12/2020	NURSES SINK	2.72	01/21/2020	
20-01-02185-020	CE-S-20	01/12/2020	NURSES BATHROOM SINK	<1.00	01/21/2020	
20-01-02185-021	CE-WF-21	01/12/2020	NEXT TO EXIT	<1.00	01/21/2020	

Method: SM 3113B-2010
Analyst: Jennalee Hertzler
Accreditation #: NJ VA008

Reviewed By Authorized Signatory:

Melissa Kanode

Missy Kanode

QA/QC Clerk

Sample Results denoted with a "less than" (<) sign contain less than the reporting limit which is 1 ppb.

The EPA Maximum Contaminant Level for Lead in Drinking Water is 15 ppb. The results herein conform to NELAC standards, where applicable, unless otherwise narrated on this report. Results represent the analysis of samples submitted by the client. Sample location, description, field parameter results, etc., were provided by the client. This report cannot be reproduced, except in full, without written approval from Environmental Hazards Services, L.L.C.

LEGEND ug/L= micrograms per liter ppb = parts per billion



ENVIRONMENTAL HAZARDS SERVICES, LLC

ONLINE CLIENT PORTAL AVAILABLE FOR ANALYSIS RESULTS AT: www.leadlab.com

Water Chain-of-Custody Form

SHIP TO: 7469 Whitepine Rd. Richmond, VA 23237

Phone: (800) 347-4010 FAX: (804) 275-4907



20-01-02185

Due Date:

01/24/2020

(Friday)

AE

Company Name: LEW CORP

Account #: 201327

Address: 181 US Highway 46

City/State/Zip: Mine Hill, NJ 07803

Phone: (908-654-8068

Email: labresults@lewcorp.com

Fax: 908-654-8069

ANK

Project Name / Collection Address: Clinton Elementary, 27 Bershire Rd

City/State/Zip: Maplewood, NJ, 07040

Project #: 20005 Sampled By: Krishi Tanna

License # (If Required):

Water Source: (Check One) Public ☒ Well ☐ Well Tag # (If Applicable):

X	5 Day Turnaround	3 Day Turnaround	2 Day Turnaround	1 Day Turnaround * Call Ahead		
				Lead	Copper	Other
No.	Client Sample ID	Collection Location (Exc: Kitchen Sink)	Collection Date	Collection Time	Field Parameters	LAB USE
1	CE-WF-1	ACROSS RM left	1/12/19	8:32 AM		
2	CE-WF-2	ACROSS RM Right		8:33 AM		
3	CE-WF-3	By Room #102		8:34 AM		
4	CE-WF-4	Next to cafeteria left		8:35 AM		
5	CE-WF-5	Next to cafeteria Right		8:36 AM		
6	CE-S-6	Kitchen across the door		8:37 AM		
7	CE-S-7	Kitchen next to the door		8:39 AM		
8	CE-WF-8	Cafeteria WF		8:40 AM		
9	CE-WF-9	next to stairwell #4 left		8:41 AM		
10	CE-WF-10	next to stairwell #4 right		8:42 AM		

Released by: Krishi Tanna Signature: [Signature] Date/Time: 1/12/19

Released by: [Signature] Signature: [Signature] Date/Time: 1/17/2020 11:10am



EHS Laboratories
ENVIRONMENTAL HAZARDS SERVICES, LLC

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20-01-02185
~ For Lab Use Only ~

Company Name: LEW CORP

Account #: 201327

Address: 181 US Highway 46

City/State/Zip: Mine Hill, NJ 07803

Phone: (908-654-8068

Email: labresults@lewcorp.com

Fax: 908-654-8069

Project Name / Collection Address: Clinton Elementary, 21 Berkshire Rd

City/State/Zip: Maplewood, NJ, 07040

Project #: 20005

Sampled By: Krishi Tanna

License # (If Required):

Water Source: (Check One) Public ☒ Well ☐

Well Tag # (If Applicable):

X 5 Day Turnaround

3 Day Turnaround

2 Day Turnaround

1 Day Turnaround * Call Ahead

No.	Client Sample ID	Collection Location (Ex: Kitchen Sink)	Collection Date	Collection Time	Metals			Field Parameters		LAB USE
					Lead	Copper	Other	Field pH at time of Collection:	Temp. at time of Collection:	
11	CE-WF-11	Across Room #106	11/12/19	8:45	AM/PM	/	/	/	/	/
12	CE-WF-12	Across Room #214 Left		8:46	AM/PM	/	/	/	/	/
13	CE-WF-13	Across Room #214 Right		8:48	AM/PM	/	/	/	/	/
14	CE-WF-14	Next to Room 211		8:49	AM/PM	/	/	/	/	/
15	CE-S-15	Teachers lounge Sink		8:50	AM/PM	/	/	/	/	/
16	CE-S-16	Room # 223		8:51	AM/PM	/	/	/	/	/
17	CE-WF-17	Next to Room 221		8:52	AM/PM	/	/	/	/	/
18	CE-WF-18	Across Room # 217		8:54	AM/PM	/	/	/	/	/
19	CE-S-19	Nurses Sink		8:55	AM/PM	/	/	/	/	/
20	CE-S-20	Nurses Bathroom Sink		8:56	AM/PM	/	/	/	/	/

Released by: Krishi Tanna

Signature: [Signature]

Date/Time: 11/12/19

Released by: [Signature]

Signature: [Signature]

Date/Time: 11/17/2020 11:14AM



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20-01-09-185
~ For Lab Use Only ~

Company Name: LEW CORP

Account #: 201327

Address: 181 US Highway 46

City/State/Zip: Mine Hill, NJ 07803

Phone: (908-654-8068)

Email: labresults@lewcorp.com

Fax: 908-654-8069

Project Name / Collection Address: Clinton Elementary, 21 Bershire Rd

City/State/Zip: Maplewood, NJ, 07040

Project #: 20005 Sampled By: Krisshi Tanna

License # (If Required): _____

Water Source: (Check One) Public ☒ Well ☐

Well Tag # (If Applicable): _____

☒ 5 Day Turnaround	☐ 3 Day Turnaround	☐ 2 Day Turnaround	☐ 1 Day Turnaround * Call Ahead
--	---	---	--

No.	Client Sample ID	Collection Location (Ex: Kitchen Sink)	Collection Date	Collection Time	Metals			Field Parameters		LAB USE
					Lead	Copper	Other	Field pH at time of Collection:	Temp. at time of Collection:	
2	CE-WF-21	Next to Exit	11/12/19	9:00	AM/PM	✓				
3					AM/PM					
4					AM/PM					
5					AM/PM					
6					AM/PM					
7					AM/PM					
8					AM/PM					
9					AM/PM					
10					AM/PM					

Released by: Krisshi Tanna Signature: [Signature] Date/Time: 11/12/19

Released by: [Signature] Signature: [Signature] Date/Time: 11/17/2020 11:10AM