



181 US Hwy 46
Mine Hill, NJ 07803
(908) 654-8068
(800) 783-0567
Fax 908-654-8069

LEAD IN DRINKING WATER REPORT

Performed At:

Springfield Township School District
2146 Jacksonville-Jobstown Road
Jobstown, NJ 08041

Performed For:

Springfield Township School District
Joe Knewasser
2146 Jacksonville-Jobstown Road
Jobstown, NJ 08041

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: 2/12/2022 & 5/12/2022
Project Number: 211054 & 220416

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Contact Information

Agency

Client Contact:	Joe Knewasser
Client Name:	Springfield Township School District
Street Address	2146 Jacksonville Jobstown Rd Jobstown, New Jersey 07047
Phone Number:	_____

Risk Assessor(s)

Site Assessor(s):	Neheru Singh
License:	NJDOH 027180
Signature:	
Date:	2/24/22
E-Mail	XXXXX@lewcorp.com
Site Assessor(s):	Michael Mosier
License:	NJDOH 037839
Signature:	
Date:	May 23, 2022
E-Mail	mmosier@lewenvironmental.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 Springfield Township School District to test for the presence of lead in drinking water in one school in the district.

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 February 12 2022, LEW Corporation collected the following number of water samples:

Springfield Elementary

- 18 first draw samples collected
- 2 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.

Certain outlets could not or were not tested due to various reasons. The following table lists those locations and the reason why samples were not collected.

School	Sample Location	Reason for not testing.
None		

On May 12, 2022, LEW Corporation returned to collect the following number of water samples:

Springfield Elementary

- 2 first draw clearance samples collected & 1 QAQC sample collected
- 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.

Certain outlets could not or were not tested due to various reasons. The following table lists those locations and the reason why samples were not collected.

School	Sample Location	Reason for not testing.
None		

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.

A complete list of recommendations per outlet can be found in Appendix B.

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

Building	Date Collected	Date Analyzed	Sample ID	Sample Location	Concentration ppb
Springfield Elementary	2/12/2022	2/21/2022	2-STES-FP	KITCHEN SINK	48.4
Springfield Elementary	2/12/2022	2/21/2022	11-STES-NS	NURSE'S OFFICE	17.3

Clearance May 12, 2022

Building	Date Collected	Date Analyzed	Sample ID	Sample Location	Concentration ppb
NONE					

Appendix B Recommendations

Building	Sample Location	Concentration ppb	Recommendations
Springfield Elementary	KITCHEN SINK	48.4	1) Immediately discontinue use of the outlets. 2) LEW Corporation recommends replacing the outlet and associated plumbing up to the wall connection, and installing a lead filter at the wall connection. A filter maintenance plan will need to be implemented, in order to ensure that all filters are in proper working order.
Springfield Elementary	NURSE'S OFFICE	17.3	

Clearance May 12, 2022

Building	Sample Location	Concentration ppb	Recommendations
NONE			

Appendix C All Results

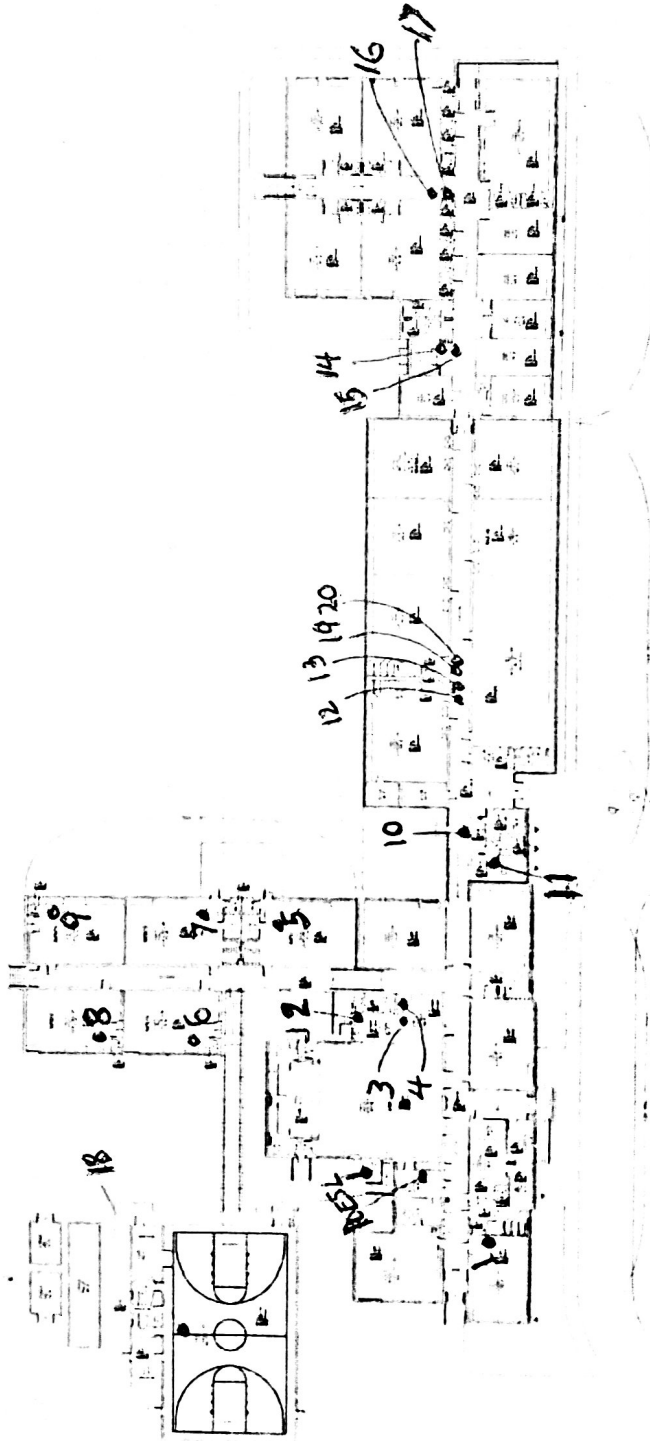
Sample ID	Collection Date	Collection Location	Concentration ug/L (ppb)
Springfield Elementary			
1-STES-TL	02/12/2022	TEACHER'S LOUNGE SINK	1.45
2-STES-FP	02/12/2022	KITCHEN SINK	48.4
3-STES-FP	02/12/2022	KITCHEN SINK	4.11
4-STES-FP	02/12/2022	KITCHEN SINK	<1.00
5-STES-DW	02/12/2022	ROOM 8 BUBBLER	3.49
6-STES-DW	02/12/2022	ROOM 9 BUBBLER	3.77
7-STES-DW	02/12/2022	ROOM 10 BUBBLER	3.82
8-STES-DW	02/12/2022	ROOM 11 BUBBLER	4.58
9-STES-DW	02/12/2022	ROOM 12 BUBBLER	2.82
10-STES-DW	02/12/2022	64W HALL BUBBLER	6.52
11-STES-NS	02/12/2022	NURSE OFFICE SINK	17.3
12-STES-WC	02/12/2022	64W HALL WATER COOLER	<1.00
13-STES-WC	02/12/2022	64W HALL WATER COOLER	<1.00
14-STES-WC	02/12/2022	93W HALL WATER COOLER	<1.00
15-STES-WC	02/12/2022	93W HALL WATER COOLER	<1.00
16-STES-WC	02/12/2022	93W HALL WATER COOLER	<1.00
17-STES-WC	02/12/2022	93W HALL WATER COOLER	<1.00
18-STES-DW	02/12/2022	GYM BUBBLER	2.54
19-STES-B	02/12/2022	QA - SUN RM SINK	<1.00

Clearance May 12, 2022

Sample ID	Collection Date	Collection Location	Concentration ug/L (ppb)
Springfield Elementary			
2-STES-FP	05/12/2022	KITCHEN SINK	1.12
11-STES-NS	05/12/2022	NURSE OFFICE SINK	1.10
12-STES-SR	05/12/2022	SUNROOM SINK	<1.00

Appendix D Floor Plan(s)

Attachment E – Floor Diagrams
(Sampling locations noted) DATE: 2.12.22



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: 22-05-02942
 Received Date: 05/16/2022
 Reported Date: 05/23/2022
 Sampled By: Michael Mosier
 Tech Certification #:

Project/Test Address: 220416; Springfield Elementary; Jobstown, NJ 07047

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
22-05-02942-001	2-STES-FP	05/12/2022	KITCHEN BATHROOM SINK	1.12	05/21/2022	
22-05-02942-002	11-STES-NS	05/12/2022	NURSE BATHROOM SINK	1.10	05/21/2022	
22-05-02942-003	12-STES-SR	05/12/2022	SUNROOM SINK	<1.00	05/21/2022	

Method: EPA 200.8
 Analyst: Anthony Dee
 Accreditation #: NJ VA008

Reviewed By Authorized Signatory: *Melissa Kanode*

Melissa 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



EHS Laboratories
ENVIRONMENTAL HAZARDS SERVICES, LLC

Water Chain-of-Custody Form
SHIP TO: 7469 Whitepine Rd. Richmond, VA 23237
Phone: (800) 347-4010 FAX: (804) 275-4907
ONLINE CLIENT PORTAL AVAILABLE FOR ANALYSIS RESULTS AT: www.leadlab.com

22-05-02942



Due Date:
05/23/2022
(Monday)
AE

(Handwritten initials)

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: SPRINGFIELD ELEMNTARY City/State/Zip: SOBSTARW, NJ 07047
(Required)

Project #: 220416 Sampled By: MICHAEL MOSIER 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:	
1	2-STES-FP	KITCHEN Bathroom sink	5/12/2022	6:55	<input checked="" type="checkbox"/>					
2	11-STES-NS	Nurse Bathroom Sink		6:57	<input checked="" type="checkbox"/>					
3	12-STES-SR	Sunroom Sink		6:59	<input checked="" type="checkbox"/>					
4										
5										
6										
7										
8										
9										
10										

Released by: MICHAEL MOSIER Signature: *(Signature)* Date/Time: 5/12/2022

Released by: Troy Bloom Signature: *(Signature)* Date/Time: 5/16/22 954 AM