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Mine Hill, NJ 07803  
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## LEAD IN DRINKING WATER REPORT

**Performed At:**

Ridgefield Park School District.

**Performed For:**

Ridgefield Park School District  
Toni Lynn Mazarella  
712 Lincoln Avenue  
Ridgefield Park, New Jersey 07660

**Prepared By:**

LEW Corporation  
181 US Hwy 46  
Mine Hill, NJ 07803

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Inspection Date: 7/12/2022  
Project Number: 220059 & 220579

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## Contact Information

### Agency

Client Contact:	Toni Lynn Mazarella
Client Name:	Ridgefield Park School District
Street Address	712 Lincoln Avenue Ridgefield Park, New Jersey 07660

### Risk Assessor(s)

Site Assessor(s):	Krishi Tanna
Signature:	
Date:	July 21, 2022
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:	<a href="http://www.lewcorp.com">http://www.lewcorp.com</a>

### 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 Ridgefield Park School District to test for the presence of lead in drinking water in four schools in the district initially on November 4<sup>th</sup>, 2021. Lew Corporation had a few failures and had to go back for 2<sup>nd</sup> draws at the four schools on February 16<sup>th</sup>, 2022.

Lew Corporation was contracted to perform an initial lead water test on July 12<sup>th</sup>, 2022 for an Ice machine that was installed recently.

## 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 November 4<sup>th</sup>, 2021 LEW Corporation collected the following number of water samples:

## Jr Sr High School

- 29 first draw samples collected
- 4 samples above the 15ppb action level

## Lincoln Elementary School

- 9 first draw samples
- 4 samples above the 15ppb action level

## Grant Elementary School

- 6 first draw samples
- 2 samples above the 15ppb action level

## Roosevelt Elementary School

- 5 first draw samples
- 1 sample above the 15ppb action level

On February 16<sup>th</sup>, 2022 LEW Corporation returned to collect the following number of samples:

## Jr Sr High School

- 2 second draw samples collected + 1 QAQC
- 2 samples above the 15ppb action level

## Lincoln Elementary School

- 4 second draw samples + 1 QAQC
- 1 sample above the 15ppb action level

## Grant Elementary School

- 2 second draw samples + 1 QAQC
- 0 samples above the 15ppb action level

## Roosevelt Elementary School

- 1 second draw samples + 1 QAQC
- 0 sample above the 15ppb action level

On July 12<sup>th</sup>, 2022 LEW Corporation returned to collect the following number of samples:

## Jr Sr High School

- 1 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.

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.
Jr Sr High School	Nurse Station JSH-BF-1 <sup>st</sup> NO	Removed
Jr Sr High School	Hall by 7 JSH-1 <sup>st</sup> 7	Not functional
Jr Sr High School	Hall by 7 JSH-1 <sup>st</sup> 7	Not functional
Jr Sr High School	Room 309	Removed
Jr Sr High School	Gym Boys Side	Removed
Lincoln Elementary	Room 113 LE-CM-1 <sup>st</sup> -113	Removed
Grant Elementary	Room 16 GE-S-1 <sup>st</sup> 16	Not found
Grant Elementary	Hall by D33 GE-WC3 <sup>rd</sup> -D33	Not functional
Roosevelt Elementary	Hall by MC-1 RE-WF-1 <sup>st</sup> -MC1	
Roosevelt Elementary	Room 1 RE-WF-B-1	Not functional
Roosevelt Elementary	Hall by 308 RE-WC-3 <sup>rd</sup> -308	Not functional

## 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) LEW Corporation then 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.

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 February 16<sup>th</sup> 2022

Building	Sample ID	Location	Concentration
Jr Sr High School	6	HALL BETWEEN GYM AND AUDITORIUM	66.7
Jr Sr High School	8	HALL BY 319	338
Lincoln Elementary	2	HALL BY 18	20.0

## Exceedances July 17<sup>th</sup> 2022

Building	Sample ID	Location	Concentration
None			

## Appendix B Recommendations February 16<sup>th</sup> 2022

Building	Sample ID	Location	Remediation Recommendation
Jr Sr High School	6	HALL BETWEEN GYM AND AUDITORIUM	1) Immediately discontinue use of the outlets. 2) LEW Corporation then 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.
Jr Sr High School	8	HALL BY 319	
Lincoln Elementary	2	HALL BY 18	

## Recommendations July 12<sup>th</sup> 2022

Building	Sample ID	Location	Remediation Recommendation
None			



## Appendix C All Results February 16<sup>th</sup> 2022

Building	Sample ID	Location	Concentration
Jr Sr High School	RHS – B - 6	HALL BETWEEN GYM AND AUDITORIUM	66.7
Jr Sr High School	RHS – B - 8	HALL BY 319	338
Jr Sr High School	RHS – S – 09	Next to exit - QAQC	<1.00
Grant Elementary	GES – WC - 01	Hall by B13	1.00
Grant Elementary	GES – S – 08	Kitchen	<1.00
Grant Elementary	GES – S – 09	Next to exit - QAQC	<1.00
Roosevelt Elementary	RES – B – 01	Hall by 103	8.02
Roosevelt Elementary	RES – S – 02	Next to exit - QAQC	<1.00
Lincoln Elementary	LES – B – 01	HALL BY 5	4.60
<b>Lincoln Elementary</b>	<b>LES – B – 02</b>	<b>HALL BY 18</b>	<b>20.0</b>
Lincoln Elementary	LES – B – 07	HALL BY 116	1.32
Lincoln Elementary	LES – B – 09	HALL BY 106	1.64
Lincoln Elementary	LES – S – 10	NEXT TO EXIT – QAQC	<1.00

## All Results July 12<sup>th</sup> 2022

Building	Sample ID	Location	Concentration
Jr Sr High School	RHS – IM - 01	ROOM 105	<1.00
Jr Sr High School	RHS – S - 02	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:** 22-07-01868  
**Received Date:** 07/13/2022  
**Reported Date:** 07/18/2022  
**Sampled By:** Krishi Tanna  
**Tech Certification #:**

**Project/Test Address:** 220579; Ridgefield Park High School; Ridgefield Park, NJ 07660

**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
22-07-01868-001	RHS-IM-01	07/12/2022	RM 105	<1.00	07/18/2022	
22-07-01868-002	RHS-S-02	07/12/2022	NEXT TO EXIT	<1.00	07/18/2022	

**Method:** EPA 200.8  
**Analyst:** Allison Rodriguez  
**Accreditation #:** NJ VA008

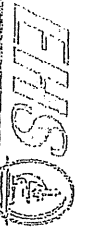
Reviewed By Authorized Signatory: *Melissa Kanode*

*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.

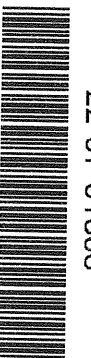
LEGEND                      ug/L= micrograms per liter                      ppb = parts per billion



**EHSO**  
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.headlab.com](http://www.headlab.com)

22-07-01868



Due Date:  
07/20/2022  
(Wednesday)  
AE

*[Handwritten Signature]*

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](mailto:labresults@lewcorp.com)

Fax: 908-654-8069

Project Name / Collection Address: Ridgefield Park High School

City/State/Zip: Ridgefield Park, NJ, 07660

Project #: 220579

Sampled By: Krishni Tonna

License # (If Required):

Water Source: (Check One) Public  Well

Well Tag # (If Applicable):

X	5 Day Turnaround	3 Day Turnaround	2 Day Turnaround	Metals			Field Parameters		LAB USE
				Lead	Copper	Other	Field pH at time of Collection:	Temp. at time of Collection:	
No.	Client Sample ID	Collection Location (Ex: Kitchen Sink)	Collection Date	Collection Time					
1	RHS-IM-01	Rm 105	7/12/22	8:00	X				
2	RHS-S-02	Next to exit	↓	↓	X				
3									
4									
5									
6									
7									
8									
9									
10									

Released by: Krishni Tonna

Signature: *[Handwritten Signature]*

Date/Time: 7/12/22

Released by: T. Moh

Signature: *[Handwritten Signature]*

Date/Time: 7/13/22 1h

5 Day Turnaround Call Ahead