



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

Performed At:

Watchung Hills Regional High School
108 Stirling Road, Warren NJ 07059

Performed For:

Watchung Hills Regional High School
Kris Byk
108 Stirling Road
Warren, NJ 07059

Prepared By:

LEW Corporation
181 US Hwy 46
Mine Hill, NJ 07803

Phone (908) 654-8068
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Inspection Date: 12/28/2021 &
3/7/2022
Project Number: 211062
& 220064

Table of Contents

Contact Information.....	3
Introduction	4
Sampling Methodology	4
Drinking Water Results	5
Recommendations	6
Additional Recommendations	6

Appendices



Appendix A	Exceedances
Appendix B	Recommendations
Appendix C	All results
Appendix D	Floor Plan(S)
Appendix E	Laboratory Data

Contact Information

Agency

Client Contact:	Kris Byk
Client Name:	Watchung Hills Regional High School
Street Address	108 Stirling Road Warren, NJ 07059
Phone Number:	(908) 647-4800 x4850

Risk Assessor(s)

Site Assessor(s):	Krishni Tanna
License:	NJDOH #034619
Signature:	
Date:	January 12, 2022
E-Mail	ktanna@lewcorp.com
Site Assessor(s):	Michael Mosier
License:	NJDOH #035762
Signature:	
Date:	March 15, 2022
E-Mail	mmosier@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 Watchung Hills Regional High School on November 4th, 2021 initially to test for the presence of lead in drinking water. There were two failures found at that following school. Lew Corp suggested to take 2nd draw samples for those failures.

On March 7, 2022, LEW Corporation returned to conduct 1st draw clearance sample one sink in SB-31 to confirm effectiveness of remediation to the outlet. The second outlet with a positive sample on November 4, 2021 was decommissioned.

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, 2021, LEW Corporation collected the following number of water samples:

Watchung Regional High School

- 97 first draw samples collected + 1 quality control sample collected
- 2 samples above the 15ppb action level

On December 28th, 2021, LEW Corporation returned to collect the following number of samples:

Watchung Regional High School

- 2 second draw samples collected + 1 quality control sample collected
- 0 samples above the 15ppb action level

On March 7, 2022, LEW Corporation returned to collect the following number of samples:

Watchung Regional High School

- 1 first draw samples collected + 1 quality control 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.
Watchung Regional High School	WHRH-9-F26-2FL (Rm 26)	Not functional
Watchung Regional High School	WHRH-19-F28-1FL (Rm 28)	Removed
Watchung Regional High School	WHRH-28-F31-1FL (Rm 32)	Not functional
Watchung Regional High School	WHRH-29-F32-2FLR (Rm 33)	Not functional
Watchung Regional High School	WHRH-36-IM-1FL (IM43)	Removed
Watchung Regional High School	WHRH-44-S38-1FL (Rm 38)	Room locked. No key. No access
Watchung Regional High School	WHRH-50-F18-1FL (Rm 18)	Not functional
Watchung Regional High School	WHRH-51-F17-1FL (Rm 17)	Not functional
Watchung Regional High School	WHRH-53-F15-1FL (Rm 15)	Removed
Watchung Regional High School	WHRH-58-F10-1FL (Rm 10)	Not functional
Watchung Regional High School	WHRH-61-F11-1FL (Rm 11)	Removed
Watchung Regional High School	WHRH-62-F12-1FL (Rm 12)	Not functional
Watchung Regional High School	WHRH-89-F4-1FL (Rm 4)	Not functional
Watchung Regional High School	WHRH-103-F13-2FL (Rm 13)	Removed
Watchung Regional High School	WHRH-104-S-EXT (Snack Shack)	Not functional
Watchung Regional High School	WHRH-107-WF-EXT (Snack Shack)	Only one fountain

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) 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

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

Appendix B Recommendations

Building	Sample Location	Concentration ppb	Recommendations
None			

Appendix C All Results

Sample ID	Collection Date	Collection Location	Concentration ug/L (ppb)
WHRH – S – 01	12/28/2021	SB – 31	3.39
WHRH – WC – 02	12/28/2021	Rm F3	9.29
WHRH- S – 03	12/28/2021	Next to Exit	<1.00

Sample ID	Collection Date	Collection Location	Concentration ug/L (ppb)
WHRH –42–SB31-1FL	3/7/2022	SB-31 Middle Sink	4.36
WHRH – 115-SR-S	3/7/2022	Sunroom Sink	<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: 22-03-01726
Received Date: 03/08/2022
Reported Date: 03/14/2022
Sampled By: Michael Mosier
Tech Certification #:

Project/Test Address: 220064; Watchung Hills Regional; 108 Stirling Rd; Warren, NJ

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
22-03-01726-001	WHRH-42-SB31-1FL	03/07/2022	SB-31 MIDDLE SINK	4.36	03/12/2022	
22-03-01726-002	WHRH-115-SR-S	03/07/2022	SUNROOM SINK	<1.00	03/12/2022	

Method: EPA 200.8
Analyst: Ailea Cabatbat
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

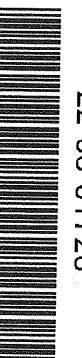
Water Chain-of-Custody Form

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

22-03-01726



Due Date:

03/15/2022

(Tuesday)

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

SI



Project Name / Collection Address: WITCHUNG HILLS RESIDENTIAL JOB SITE/IN RD.

(Required) City/State/Zip: WILMINGTON, NJ

Project #: 220064

Sampled By: MICHAEL MOSIER

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:	
1	WHCH-42-SB31-1A	SB-31 MIDDLE SINK	3/7/2022	6:38 AM PM	↓					
2	WHCH-115-SR-5	Sunroom Sink	↓	6:39 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: MICHAEL MOSIER

Signature:

Signature:

Date/Time:

Date/Time:

3/7/2022 8:59 am

Recd By: A. Walker

A. Walker

3/8/22 11:40am