



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:

Lenape Valley Regional High School
28 Sparta Road, Stanhope, NJ 07084

Performed For:

Lenape Valley Regional High School
Craig Ely
28 Sparta Road
Stanhope, NJ 07084

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: 5/5/2022 6:00 AM
Project Number: 220336

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Contact Information

Agency

Client Contact:	Craig Ely
Client Name:	Lenape Valley Regional High School
Street Address	28 Sparta Road Stanhope, NJ 07084
Phone Number:	(973) 347-7600

Risk Assessor(s)

Site Assessor(s):	Robert Carlucci
License:	NJDOH #015821
Signature:	
Date:	May 5 th , 2022
E-Mail	rcarlucci@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 Lenape Valley Regional High School to test for the presence of lead in drinking water in the High 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 May 5th 2022, LEW Corporation collected the following number of water samples:

High School

- 9 first draw samples collected
- 3 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

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

- 1) Immediately discontinue use of the outlets.
- 2) Take outlet off line permanently or use as hand wash only.

For those outlets where the first draw sample exceeds 15ppb and the clearance draw sample exceeds 15ppb or more, the outlet and the building plumbing are contributing lead to the drinking water. LEW Corporation recommends immediately stopping use of these outlets. 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.

The outlet can be taken off line permanently and or a sign indicating the outlet is to be used as HAND WASH ONLY.

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
Lenape Valley	05/05/2022	05/10/2022	LV-FP2-K	Kitchen Food Prep 2	18.4
Lenape Valley	05/05/2022	05/10/2022	LV-S-MR	Sink in Mail Room	26.3
Lenape Valley	05/05/2022	05/10/2022	LV-PF-K	Kitchen Pot Filler	15.5

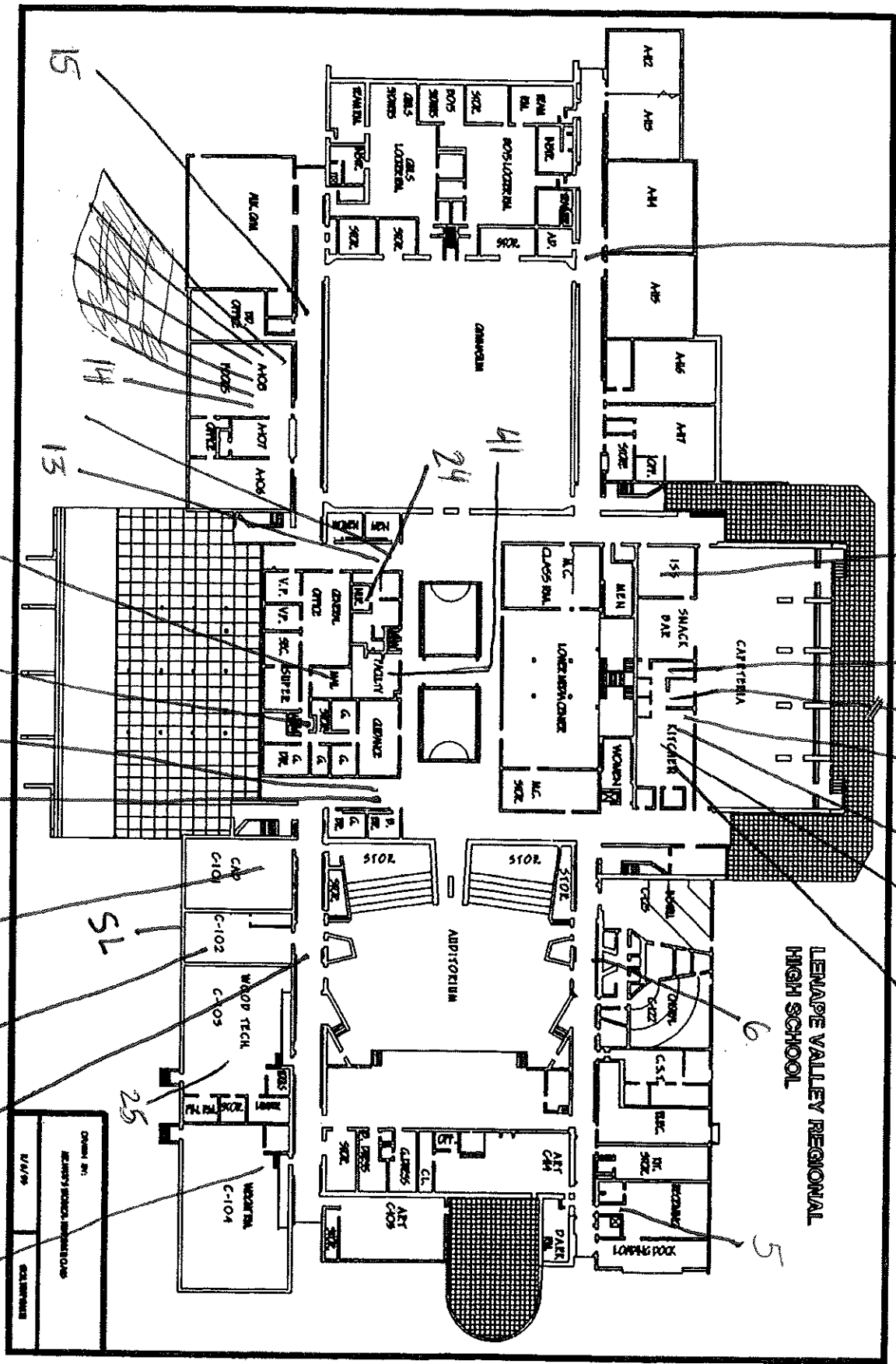
Appendix B Recommendations

Building	Sample Location	PPB	Recommendations
Lenape Valley	Kitchen Food Prep 2	18.4	<ol style="list-style-type: none"> 1) Immediately discontinue use of the outlet. 2) Take outlet off line, replace faucet or use as hand wash only.
Lenape valley	Mail Room Sink	26.3	<ol style="list-style-type: none"> 1) Immediately discontinue use of the outlets. 2) Take outlet off line, replace faucet or use as hand wash only.
Lenape Valley	Pot Filler in Kitchen	15.5	<ol style="list-style-type: none"> 1) Immediately discontinue use of the outlets. 2) Take outlet off line, replace faucet or use as hand wash only..

Appendix C All Results

Project Name	Client Sample	Sample Description	Concentration (ug/L)
Lenape Valley HS	LV-WF-C103	HALL BY C103	<1.00
Lenape Valley HS	LV-FP1-K	FOOD PREP 1	12.5
Lenape Valley HS	LV-FP2-K	KITCHEN FOOD PREP 2	18.4
Lenape Valley HS	LV-WF-GUID	WATER FOUNTAIN BY GUIDANCE RIGHT	2.74
Lenape Valley HS	LV-WF-MAIL	WATER FOUNTAIN BY MAIL ROOM	2.70
Lenape Valley HS	LV-S-MR	SINK IN MAIL ROOM	26.3
Lenape Valley HS	LV-PF-K	KITCHEN POT FILLER	15.5
Lenape Valley HS	LV-S4-K	KITCHEN SINK 4	9.01
Lenape Valley HS	LV-S-SR	SUN ROOM	<1.00
Lenape Valley HS	LV-WFL-GUID	WATER FOUNTAIN BY GUIDANCE LEFT	2.06

Appendix D Floor Plan(s)



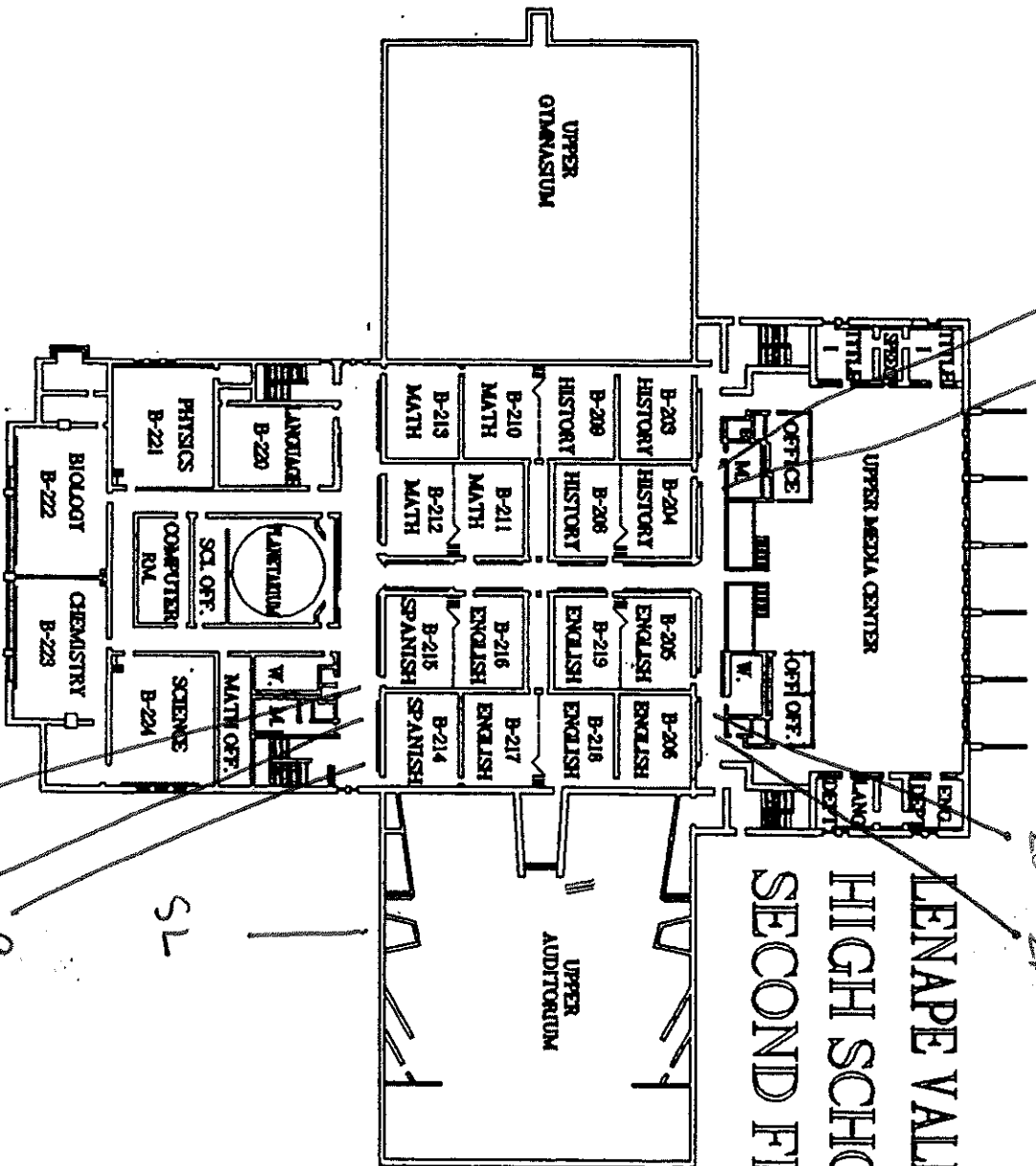
**LENAPE VALLEY REGIONAL
HIGH SCHOOL**

16
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26
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28-29-30
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1
SL

Overall Site
LENAPE VALLEY REGIONAL HIGH SCHOOL
12/1/79
C. J. ...

LENAPE VALLEY REGIONAL HIGH SCHOOL SECOND FLOOR



DRAWN BY
L.Y.R. DRAFTING
APRIL 18, 1996
AUTOCAD

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

Report Number: 22-05-01348

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

Received Date: 05/06/2022
 Reported Date: 05/11/2022
 Sampled By: Robert Carlucci
 Tech Certification #:

Project/Test Address: 220336; Lenape Valley HS; 28 Sparta Rd; Stanhope, 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
22-05-01348-001	LV-WF-C103	05/05/2022	HALL BY C103	<1.00	05/10/2022	
22-05-01348-002	LV-FP1-K	05/05/2022	FOOD PREP 1	12.5	05/10/2022	
22-05-01348-003	LV-FP2-K	05/05/2022	KITCHEN FOOD PREP 2	18.4	05/10/2022	
22-05-01348-004	LV-WF-GUID	05/05/2022	WATER FOUNTAIN BY GUIDANCE RIGHT	2.74	05/10/2022	
22-05-01348-005	LV-WF-MAIL	05/05/2022	WATER FOUNTAIN BY MAIL ROOM	2.70	05/10/2022	
22-05-01348-006	LV-S-MR	05/05/2022	SINK IN MAIL ROOM	26.3	05/10/2022	
22-05-01348-007	LV-PF-K	05/05/2022	KITCHEN POT FILLER	15.5	05/10/2022	
22-05-01348-008	LV-S4-K	05/05/2022	KITCHEN SINK 4	9.01	05/10/2022	
22-05-01348-009	LV-S-SR	05/05/2022	SUN ROOM	<1.00	05/10/2022	
22-05-01348-010	LV-WFL-GUID	05/05/2022	WATER FOUNTAIN BY GUIDANCE LEFT	2.06	05/10/2022	

Environmental Hazards Services, L.L.C

Client Number: 201327

Report Number: 22-05-01348

Project/Test Address: 220336; Lenape Valley HS; 28 Sparta Rd; Stanhope, NJ

Lab Sample Number	Client Sample ID	Collection Date	Collection Location	Concentration ug/L (ppb)	Analysis Date	Narrative ID
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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

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

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: Levape Valley HS City/State/Zip: 28504 and Stanhope, NJ
 (Required)
 Project #: 220336 Sampled By: Robert Carlsen 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:		Temp at Time of Receipt:
1	LV-WF-C103	Hall by C103	5-5-22	6:00 AM	X						
2	LV-FP1-K	Food Prep 1									
3	LV-FP2-K	Kitchen Food Prep 2									
4	LV-WF-Guid	Water Fountain by Guidance Night									
5	LV-WF-MAIL	Water Fountain by Mail Room									
6	LV-S-MR	SINK in Mail Room									
7	LV-PF-K	Kitchen Pot Filler									
8	LV-SH-K	Kitchen Sink 4									
9	LV-S-SR	SINK in Room									
10	LV-WF-Guid	Water Fountain by Guidance Night									
Released by: <u>Robert Carlsen</u>		Signature: <u>[Signature]</u>		Date/Time: <u>5-5-22 9am</u>		Released by: <u>RT HARRIS</u>		Signature: <u>[Signature]</u>		Date/Time: <u>5-6-22 10:42 AM</u>	

22-05-01348

Due Date: 05/13/2022 (Friday) AE