



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:

River Dell Regional Schools
River Dell Regional High School
55 Pyle St.
Oradell, NJ 07649

River Dell Middle School
230 Woodland Ave.
River Edge, NJ 07649

Performed For:

River Dell Regional Schools
John Knable
55 Pyle Street
Oradell, NJ 07649

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: 4/9/2022 & 5/26/2022
Project Number: 220427

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River Dell Regional Schools - River Dell Regional Schools, River Dell Regional High School
55 Pyle St.
Oradell, NJ 07649

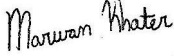
River Dell Middle School
230 Woodland Ave.
River Edge, NJ 07649- Lead in Water Sampling
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Prepared by: LEW Corporation Project # 220223
6/8/22
Page 2

Contact Information

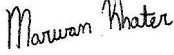
Agency

Client Contact:	John Knable
Client Name:	River Dell Regional Schools
Street Address:	55 Pyle Street Oradell, NJ 07649
Phone Number:	(201) 599-7275 or 201-835-3640

Risk Assessor(s)

Site Assessor(s):	Marwan Khater
Signature:	
Date:	April 9, 2022
E-Mail:	Mkhater@lewcorp.com

Risk Assessor(s)

Site Assessor(s):	Marwan Khater
Signature:	
Date:	June 8, 2022
E-Mail:	Mkhater@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

River Dell Regional Schools - River Dell Regional Schools, River Dell Regional High School
55 Pyle St.
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River Dell Middle School
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Introduction

LEW Corporation was contracted by River Dell Regional Schools to test for the presence of lead in drinking water in two schools 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.

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Drinking Water Results

On April 9, 2022, LEW Corporation collected the following number of water samples:

River Dell Middle School

- 42 first draw samples collected and one QAQC sample
- 1 sample above the 15ppb action level

River Dell High School

- 34 first draw samples and one QAQC sample
- 1 sample above the 15ppb action level

On June 8, 2022, LEW Corporation collected the following number of water samples:

River Dell Middle School

- 1 first draw sample collected and 1 QAQC sample
- 0 sample above the 15ppb action level

River Dell High School

- 1 first draw sample and 1 QAQC sample
- 0 sample 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.
River Dell High School	Custodial 509 RDHS-BB2 1FI	Removed
River Dell High School	Boys Locker Room RDHS-WF2 1FI	Removed
River Dell High School	Office 614 RDHS-WF 1FI	Removed
River Dell Middle School	Board Office RDMS-BB 1FI	Turned Off
River Dell Middle School	Girls Locker Room RDMS-BF 1FI	Turned Off

Recommendations

Use for first draw sampling only

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	Sample ID	Sample Location	Concentration ppb
River Dell High School	04/09/2022	32-RDHS-S1-1FL	Kitchen	48.4
River Dell Middle School	04/09/2022	9(34)-RDMS-PF-1FL	Kitchen	23.7

Exceedances 05/26/2022

Building	Date Collected	Sample ID	Sample Location	Concentration ppb
NONE				

Appendix B Recommendations

Building	Sample Location	Concentration ppb	Recommendations
River Dell High School	Kitchen	48.4	1) Immediately discontinue use of the outlets. 2) Conduct second draw (flush) samples on these outlets to further delineate source of contamination.
River Dell Middle School	Kitchen	23.7	1) Immediately discontinue use of the outlets. 2) Conduct second draw (flush) samples on these outlets to further delineate source of contamination.

Recommendations 05/26/2022

Building	Sample Location	Concentration ppb	Recommendations
NONE			

Appendix C All Results

River Dell High School

Sample ID	Date Collected	Sample Location	Concentration ppb
1-RDHS-BB1-1FL	04/09/2022	Custodial 509	<1.00
36(1A)-RDHS-BF-CUS509	04/09/2022	Custodial 509	<1.00
3-RDHS-WF-1FL	04/09/2022	Classroom 406	<1.00
4-RDHS-WF1-1FL	04/09/2022	300 Wing	<1.00
5-RDHS-WF2-1FL	04/09/2022	300 Wing	1.92
6-RDHS-WF-1FL-	04/09/2022	Main Lobby	<1.00
7-RDHS-WF 1FI	04/09/2022	Front of Counseling office	<1.00
8- RDHS-BS 1FI	04/09/2022	Front of Counseling office	<1.00
9-RDHS-WF 1FI	04/09/2022	Commons	<1.00
10-RDHS-FP1 1FI	04/09/2022	Kitchen	2.90
11-RDHS-FP2 1FI	04/09/2022	Kitchen	<1.00
12- RDHS-FP3 1FI	04/09/2022	Kitchen	4.09
13-RDHS-FP4 1F1	04/09/2022	Kitchen	1.50
14-RDHS-IM 1FI	04/09/2022	Storage 609 E	<1.00
15-RDHS-NS 1FI	04/09/2022	Nurse's Office	2.30
16-RDHS-WF 1FI	04/09/2022	Janitor 702	<1.00
17-RDHS-IM 1FI	04/09/2022	Trainer 700	<1.00
18-RDHS-S 1FI	04/09/2022	Trainer 700	<1.00
19-RDHS-WF1 1FI	04/09/2022	Boy's Locker Rm	<1.00
21-RDHS-WF 1FI	04/09/2022	Girl's Locker Rm	<1.00
43(21A)-RDHS-WF 1FI	04/09/2022	Girl's Locker Rm	<1.00
22-RDHS-WF 1FI	04/09/2022	Lower Gym	<1.00
23-RDHS-BS 1FI	04/09/2022	Lower Gym	<1.00
24-RDHS-WF 1FI	04/09/2022	Lower Gym	<1.00
44(26A)-RDHS-BF 1FI	04/09/2022	outside Rm 921	<1.00

26-RDHS-WF 1FI	04/09/2022	outside Rm 921	<1.00
27-RDHS-WF 1FI	04/09/2022	outside Rm 911	<1.00
28-RDHS-IM 1FI	04/09/2022	Field House	<1.00
29-RDHS-PF-1FL	04/09/2022	Kitchen	2.93
30-RDHS-FP5-1FL	04/09/2022	Kitchen	9.15
31-RDHS-FP6-1FL	04/09/2022	Kitchen	3.13
32-RDHS-S1-FH	04/09/2022	Field House	48.4
33-RDHS-S2-FH	04/09/2022	Field House	7.20
34-RDHS-S3-FH	04/09/2022	Field House	8.21
35-RDHS-S-SR	04/09/2022	Sun Room	<1.00
37(3A)-RDHS-BF-1FL- RM 406	04/09/2022	RM 406	<1.00
38(4A)-RDHS-BF-1FL- 300	04/09/2022	300 Wing	<1.00
39(6A)-RDHS-BF-1FL- ML	04/09/2022	Main Lobby	<1.00
40(9A)-RDHS-BF-1FL COM	04/09/2022	Commons	<1.00
41(16A)-RDHS-BF-1FL	04/09/2022	Janitor 702	<1.00
42(19A)-RDHS-BF-1FL	04/09/2022	Boys Locker Room	<1.00
45(27A)-RDHS-BF-1FL	04/09/2022	Outside RM 911	<1.00

River Dell Middle School

Sample ID	Date Collected	Sample Location	Concentration ppb
2-RDMS-S 1FI	04/09/2022	Copy Room	11.6
3-RDMS-WF 1FI	04/09/2022	Across Conference Rm	<1.00
4-RDMS-S 1FI	04/09/2022	RM 100	3.82
5-RDMS-WF 1FI	04/09/2022	Guidance Dept	<1.00
6-RDMS-WF 1FI	04/09/2022	Across Principal Assistant	<1.00
7-RDMS-S 1FI	04/09/2022	Faculty Lounge	<1.00
8-RDMS-WF 1FI	04/09/2022	Cafeteria A	<1.00
9(34)-RDMS-FP1 1FI	04/09/2022	Kitchen	23.7
10-RDMS-FP2 1FI	04/09/2022	Kitchen	2.11
11-RDMS-FP3 1FI	04/09/2022	Kitchen	4.63
12-RDMS-FP-4 1FI	04/09/2022	Kitchen	3.19
13-RDMS-WF 1FI	04/09/2022	Cafeteria B	<1.00
14-RDMS-WF 1FI	04/09/2022	By custodial closet	<1.00
15-RDMS-S 1FI	04/09/2022	Tech Rm 146	1.77
16-RDMS-S 1FI	04/09/2022	Library Conf Rm	5.18
17-RDMS-WF 1FI	04/09/2022	Across AV Rm	<1.00
18-RDMS-WF 1FI	04/09/2022	Girls Locker Room	<1.00
19-RDMS-S1 1FI	04/09/2022	Home E 127	3.20
20-RDMS-S2 1FI	04/09/2022	Home E 127	<1.00
21-RDMS-S3 1FI	04/09/2022	Home E 127	2.21
22-RDMS-S4 1FI	04/09/2022	Home E 127	<1.00
23-RDMS-S5 1FI	04/09/2022	Home E 127	1.35
24-RDMS-S6 1FI	04/09/2022	Home E 127	1.16
25-RDMS-WF 1FI	04/09/2022	Boy's Locker Rm	<1.00
26-RDMS-S 1FI	04/09/2022	By Nurse's Office	<1.00
27-RDMS-BS 1FI	04/09/2022	By Nurse's Office	<1.00

28-RDMS-S 1FI	04/09/2022	Nurse's Office	<1.00
29-RDMS-WF 1FI	04/09/2022	Across Rm 212A	<1.00
30-RDMS-BS 1FI	04/09/2022	Across Rm 212A	<1.00
31-RDMS-WF 1FI	04/09/2022	Across Rm 210	<1.00
32-RDMS-S 1FI	04/09/2022	Across Rm 201A	1.36
33-RDMS-WF 1FI	04/09/2022	Across Rm 224	<1.00
35(3A)-RDMS-BF 1FI	04/09/2022	(3A) Across Conference room	<1.00
36-(5A) RDMS-BF 1FI	04/09/2022	(5A) Guidance Dept	<1.00
37-(6A) RDMS-BF 1FI	04/09/2022	(6A) Across Principal Assistant	<1.00
38-(8A) RDMS-BF CAFÉ	04/09/2022	(8A) Cafeteria A	<1.00
39-(13A) RDMS-BF 1FI	04/09/2022	(13A) Cafeteria B	<1.00
40-(14A) RDMS-BF 1FI	04/09/2022	(14A) By Custodial CL	<1.00
41-(17A) RDMS-BF 1FI	04/09/2022	(17A) Across AV Room	<1.00
42-(18A) RDMS-BF 1FI	04/09/2022	(18A) Girls Locker room	<1.00
43-(25A) RDMS-BF 1FI	04/09/2022	(25A) Boys Locker room	<1.00
44-(31A) RDMS-BF 1FI	04/09/2022	(31A) Across RM 210	<1.00
45-(33A) RDMS-BF 1FI	04/09/2022	(33A) Across RM 224	<1.00
40A-RDMS-SR-1FL	04/09/2022	Sun Room	<1.00

River Dell Middle School 05/26/2022

Sample ID	Date Collected	Sample Location	Concentration ppb
9(34)-RDMS-PF-1FL	05/26/2022	Kitchen Pot Filler	3.92
RDMS-S-SR	05/26/2022	Sun room Sink	<1.00

River Dell High School 05/26/2022

Sample ID	Date Collected	Sample Location	Concentration ppb
32-RDHS-S1-1FL	05/26/2022	Kitchen Sink	<1.00
RDHS-S-SR	05/26/2022	Sun Room 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: 22-05-05709
 Received Date: 05/31/2022
 Reported Date: 06/07/2022
 Sampled By: Marwan Khater
 Tech Certification #:

Project/Test Address: 220427; Riverdell Middle School; 230 Woodland Avenue; River Edge, NJ 07649

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
22-05-05709-001	RDMS-S-SR	05/26/2022	SUNROOM SINK	<1.00	06/07/2022	
22-05-05709-002	9(34)-RDMS-PF-1FL	05/26/2022	KITCHEN POT FILLER	3.92	06/07/2022	

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



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

22-05-05709



Due Date:

06/07/2022

(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

Project Name / Collection Address: River dell MS / 230 ~~Woodland~~ Woodland Ave City/State/Zip: River Edge NJ 07649

Project #: 220427 Sampled By: Marwan Khater License # (If Required):

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

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	RDMS-S-SK	Sunroom sink	5/26/22		X					
2	9134-RDMS-PF-101	Kitchen pfailler								
3										
4										
5										
6										
7										
8										
9										
10										

Released by: Marwan Khater

Signature: Marwan Khater

Date/Time: 5/26/22

Released by: AKHODAE

Signature: AKHODAE

Date/Time: 5/31/22 10:45am



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: 22-05-05715
 Received Date: 05/31/2022
 Reported Date: 06/07/2022
 Sampled By: Marwan Khater
 Tech Certification #:

Project/Test Address: 220427; Riverdell High School; 55 Pyle Street; Oradell, NJ 07649

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
22-05-05715-001	32-RDHS-S1-1FL	05/26/2022	KITCHEN SINK	<1.00	06/07/2022	
22-05-05715-002	RDHS-S-SR	05/26/2022	SUNROOM SINK	<1.00	06/07/2022	

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 HAZARDOUS 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



22-05-05715

Due Date:
06/07/2022
(Tuesday)
AE

Printed

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: Riverdell HS / 55 Pine St City/State/Zip: Oradell NJ 07649
(Required)

Project #: 220427 Sampled By: Marwan Khater License # (If Required):

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

<input checked="" type="checkbox"/>	5 Day Turnaround	<input type="checkbox"/>	3 Day Turnaround	<input type="checkbox"/>	2 Day Turnaround	<input type="checkbox"/>	1 Day Turnaround Call Ahead
-------------------------------------	------------------	--------------------------	------------------	--------------------------	------------------	--------------------------	-----------------------------

No.	Client Sample ID	Collection Location (Ex: Kitchen Sink)	Collection Date	Collection Time	Metals			Field Parameters		LAB USE Temp at Time of Receipt:
					Lead	Copper	Other	Field pH at time of Collection:	Temp. at time of Collection:	
1	32-RDHS-S1-101	Kitchen sink	5/26/22		X					
2	← S-SR	sunroom sink								
3										
4										
5										
6										
7										
8										
9										
10										

Released by: Marwan Khater Signature: Marwan Khater Date/Time: 5/26/22

Released by: A KANOLA Signature: A KANOLA Date/Time: 5/31/22 10:49am