



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:

Montrose School
356 Clark St., South Orange, NJ 07079

Performed For:

South Orange Maplewood Board of Education
Ronald Erazo
25 West Parker Ave
Maplewood, NJ 07040

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: 8/12/2018
Project Number: 180881

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Contact Information

Agency

Client Contact:	Ronald Erazo
Client Name:	South Orange Maplewood Board of Education
Street Address	25 West Parker Ave, Maplewood, NJ 07040
Phone Number:	201 259 2469

Risk Assessor(s)

Site Assessor(s):	Alex Salvador
License:	NJDOH # 022779
Signature:	
Date:	August 29, 2018
E-Mail	asalvador@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 South Orange Maplewood Board of Education to test for the presence of lead in drinking water at Montrose School located at 356 Clark Street Maplewood NJ .

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 August 12, 2018 LEW Corporation collected the following number of water samples:

Montrose School

- 30 first draw samples collected.
- 1 Quality control samples.

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

- 1) Comply with all requirements set forth in NJAC 6A:26.
- 2) Re-sample every five years.

Appendix A Exceedances

Building	Sample ID	Location	Concentration ug/l
None			

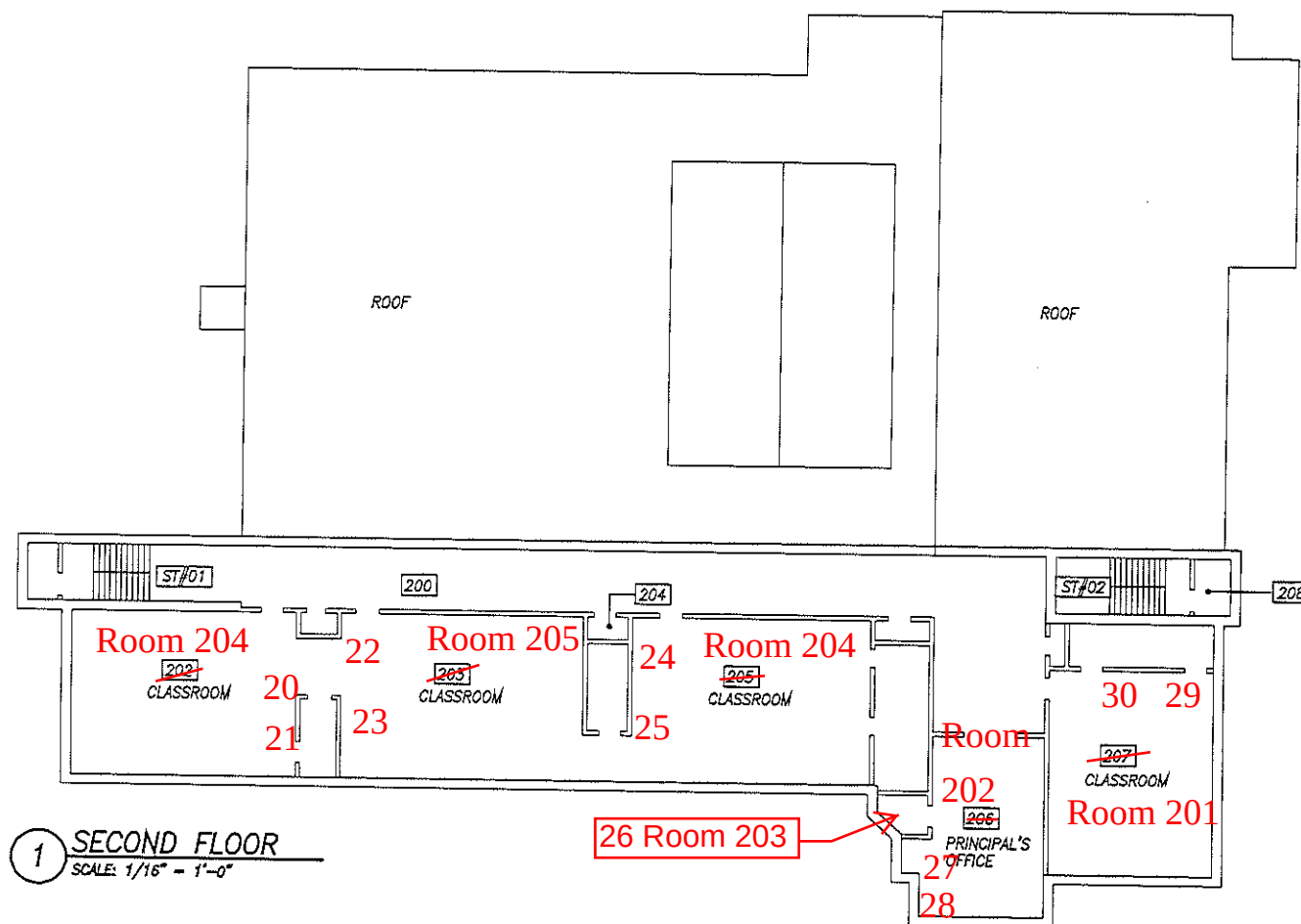
Appendix B Recommendations

Building	Sample ID	Location	Recommendation
None			

Appendix C All Results

Building	Date Collected	Analysis Date	Sample ID	Sample Description	Concentration (ug/L)
1 st Draw Samples					
Montrose School	8/12/2018	8/17/2018	MS-WF-B1	Room B5	1.49
Montrose School	8/12/2018	8/17/2018	MS-S-B2	Room B5	1.94
Montrose School	8/12/2018	8/17/2018	MS-WF-B5	Hall by Room B5	1.64
Montrose School	8/12/2018	8/17/2018	MS-S-B4	Faculty Room B4	<1.00
Montrose School	8/12/2018	8/17/2018	MS-S-B3-1	Nurse's Office B3	<1.00
Montrose School	8/12/2018	8/17/2018	MS-S-B3-2	Nurse's Office Bath B3	<1.00
Montrose School	8/12/2018	8/17/2018	MS-S-B3-3	Nurse's Office B3	<1.00
Montrose School	8/12/2018	8/17/2018	MS-WF-HB-3	Hall by Room B3	2.46
Montrose School	8/12/2018	8/17/2018	MS-WF-104	Room 104	<1.00
Montrose School	8/12/2018	8/17/2018	MS-S-104	Room 104	<1.00
Montrose School	8/12/2018	8/17/2018	MS-WF-101	Room 101	<1.00
Montrose School	8/12/2018	8/17/2018	MS-S-101	Room 101	1.54
Montrose School	8/12/2018	8/17/2018	MS-WF-H105	Hall by Room 105	2.39
Montrose School	8/12/2018	8/17/2018	MS-WF-105	Room 105	<1.00
Montrose School	8/12/2018	8/17/2018	MS-S-105	Room 105	<1.00
Montrose School	8/12/2018	8/17/2018	MS-S-106	Room 106	<1.00
Montrose School	8/12/2018	8/17/2018	MS-WF-106	Room 106	1.45
Montrose School	8/12/2018	8/17/2018	MS-S-107	Room 107	<1.00
Montrose School	8/12/2018	8/17/2018	MS-WF-107	Room 107	5.52
Montrose School	8/12/2018	8/17/2018	MS-S-206	Room 206	<1.00
Montrose School	8/12/2018	8/17/2018	MS-WF-206	Room 206	5.33
Montrose School	8/12/2018	8/17/2018	MS-S-205	Room 205	1.25
Montrose School	8/12/2018	8/17/2018	MS-S-101	Room 101	<1.00
Montrose School	8/12/2018	8/17/2018	MS-WF-205	Room 205	1.15
Montrose School	8/12/2018	8/17/2018	MS-WF-204	Room 204	<1.00
Montrose School	8/12/2018	8/17/2018	MS-S-204	Room 204	1.89
Montrose School	8/12/2018	8/17/2018	MS-S-203	Room 203	1.87
Montrose School	8/12/2018	8/17/2018	MS-S-202-1	Room 202	2.18
Montrose School	8/12/2018	8/17/2018	MS-S-202-2	Room 202	<1.00
Montrose School	8/12/2018	8/17/2018	MS-WF-201	Room 201	<1.00
Montrose School	8/12/2018	8/17/2018	MS-S-201	Room 201	<1.00
Montrose School	8/12/2018	8/17/2018	MS-S-1	Room 200 quality control	<1.00

Appendix D Floor Plan(s)



Layout of the rooms is not accurate

MONTROSE SCHOOL

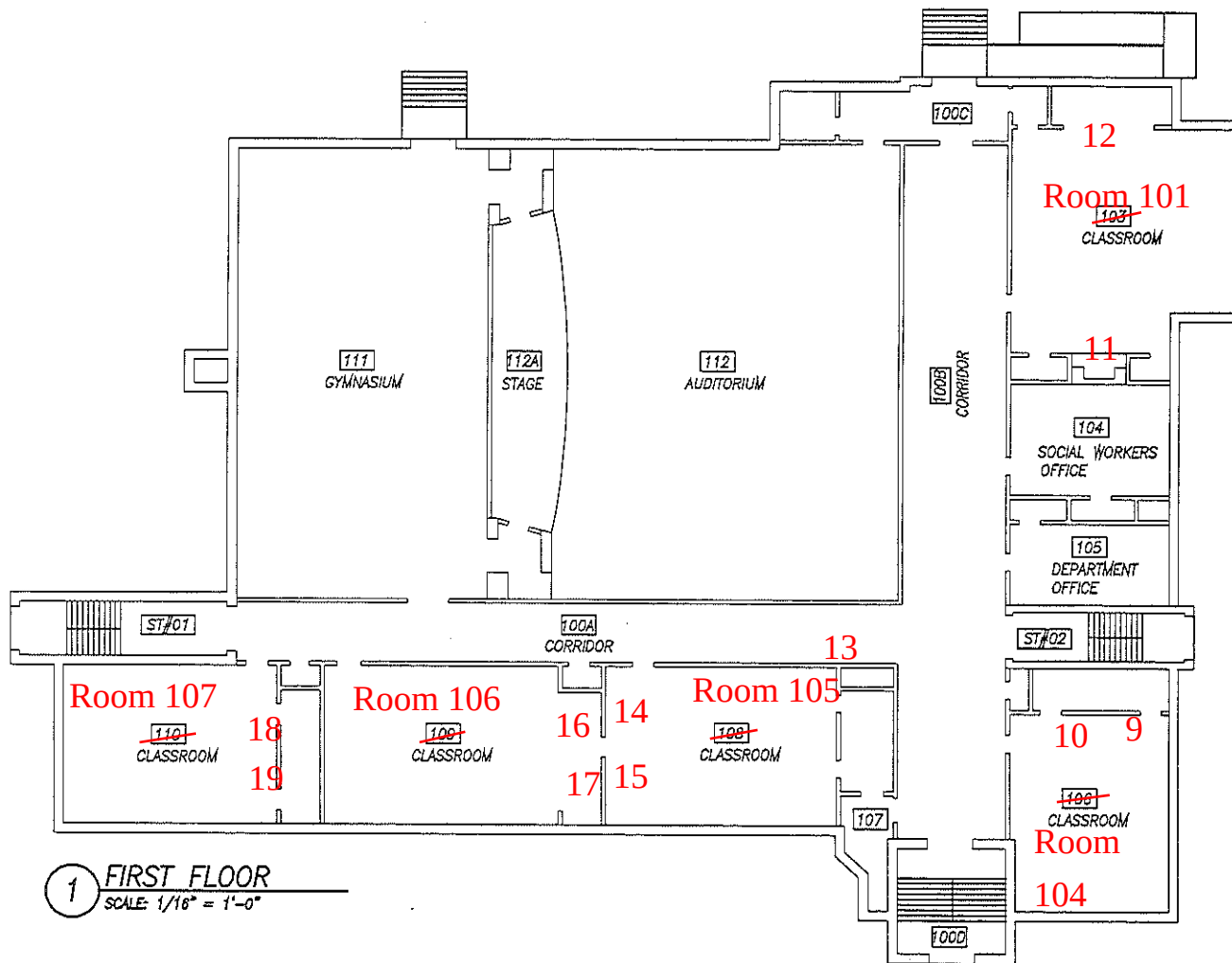
SON SCHOOL DISTRICT
MASTER BASE PLANS

Element
Architectural Group

DATE	14-11-99
TIME	15:00H
FOR	2008-XX

A-11

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1 FIRST FLOOR
SCALE: 1/16" = 1'-0"

Layout of the rooms is not accurate

MONTROSE SCHOOL

Appendix E Laboratory Data



Environmental Hazards Services, LLC

7469 Whitepine Rd. • Richmond, VA 23237 • 800-347-4010 • jdickerson@leadlab.com

August 21, 2018

LEW Corp
181 US Highway 46
Mine Hill, NJ 07803

PROJECT INFORMATION

Project/Test Address: 180881; 356 Clark Street; South Orange, NJ

Report Number: 18-08-02262

Analysis Type: Lead – Standard Method 3113B

Lab Accreditation

Number: NJ-VA008/NY-11714

Results, Discussion

Qualifiers: N/A

Julie Dickerson
Laboratory Administrator
Environmental Hazards Services, LLC



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: 18-08-02262

Received Date: 08/15/2018
Reported Date: 08/21/2018
Sampled By: Alex Salvador
Tech Certification #:

Project/Test Address: 180881; 356 Clark Street; South Orange, NJ

Client Number:
201327

Laboratory Results

Fax Number:
Ext 18

Lab Sample Number	Client Sample ID	Collection Date	Collection Location	Concentration ug/L (ppb)	Analysis Date	Narrative ID
18-08-02262-001	MS-WF-B1	08/12/2018	ROOM B5	1.49	08/17/2018	
18-08-02262-002	MS-S-B2	08/12/2018	ROOM B5	1.94	08/17/2018	
18-08-02262-003	MS-WF-B5	08/12/2018	HALL BY ROOM B5	1.64	08/17/2018	
18-08-02262-004	MS-S-B4	08/12/2018	FACULTY ROOM B4	<1.00	08/17/2018	
18-08-02262-005	MS-S-B3-1	08/12/2018	NURSES OFFICE B3	<1.00	08/17/2018	
18-08-02262-006	MS-S-B3-2	08/12/2018	NURSES OFFICE BATH B3	<1.00	08/17/2018	
18-08-02262-007	MS-WF-B3-3	08/12/2018	NURSES OFFICE B3	<1.00	08/17/2018	
18-08-02262-008	MS-WF-B	08/12/2018	HALL BY B3	2.46	08/17/2018	
18-08-02262-009	MS-WF-104	08/12/2018	ROOM 104	<1.00	08/17/2018	
18-08-02262-010	MS-S-104	08/12/2018	ROOM 104	<1.00	08/17/2018	
18-08-02262-011	MS-WF	08/12/2018	ROOM 101	<1.00	08/17/2018	
18-08-02262-012	MS-S	08/12/2018	ROOM 101	1.54	08/17/2018	
18-08-02262-013	MS-WF	08/12/2018	HALL BY ROOM 105	2.39	08/17/2018	

Environmental Hazards Services, L.L.C

Client Number: 201327

Report Number: 18-08-02262

Project/Test Address: 180881; 356 Clark Street; South Orange, NJ

Lab Sample Number	Client Sample ID	Collection Date	Collection Location	Concentration ug/L (ppb)	Analysis Date	Narrative ID
18-08-02262-014	MS-WF	08/12/2018	ROOM 105	<1.00	08/17/2018	
18-08-02262-015	MS-S	08/12/2018	ROOM 105	<1.00	08/17/2018	
18-08-02262-016	MS-S	08/12/2018	ROOM 106	<1.00	08/17/2018	
18-08-02262-017	MS-WF	08/12/2018	ROOM 106	1.45	08/17/2018	
18-08-02262-018	MS-S	08/12/2018	ROOM 107	<1.00	08/17/2018	
18-08-02262-019	MS-WF	08/12/2018	ROOM 107	5.52	08/17/2018	
18-08-02262-020	MS-S	08/12/2018	ROOM 206	<1.00	08/17/2018	
18-08-02262-021	MS-WF	08/13/2018	ROOM 206	5.33	08/17/2018	
18-08-02262-022	MS-S	08/13/2018	ROOM 205	1.25	08/17/2018	
18-08-02262-023	MS-WF	08/13/2018	ROOM 205	<1.00	08/17/2018	
18-08-02262-024	MS-WF	08/13/2018	ROOM 204	1.15	08/17/2018	
18-08-02262-025	MS-S	08/13/2018	ROOM 204	<1.00	08/17/2018	
18-08-02262-026	MS-S	08/13/2018	ROOM 203	1.89	08/17/2018	
18-08-02262-027	MS-S-1	08/13/2018	ROOM 202	1.87	08/17/2018	
18-08-02262-028	MS-S-2	08/13/2018	ROOM 202	2.18	08/17/2018	
18-08-02262-029	MS-WF	08/13/2018	ROOM 201	<1.00	08/17/2018	
18-08-02262-030	MS-S	08/13/2018	ROOM 201	<1.00	08/17/2018	
18-08-02262-031	MS-S-1	08/13/2018	ROOM 200	<1.00	08/17/2018	

Environmental Hazards Services, L.L.C

Client Number: 201327

Report Number: 18-08-02262

Project/Test Address: 180881; 356 Clark Street; South Orange, NJ

Lab Sample Number	Client Sample ID	Collection Date	Collection Location	Concentration ug/L (ppb)	Analysis Date	Narrative ID
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Method: SM 3113B-2010

Analyst: Jennalee Zlotkowski

Accreditation #: NJ VA008

Reviewed By Authorized Signatory:

Melissa Kanode

Missy 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



18-08-02262

Company Name: LEW CORP

Account #: 201327

Due Date:
08/22/2018
(Wednesday)
AE

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: 356 Clark street City/State/Zip: South Orange NJ
(Required)
Project #: 180881 Sampled By: Alex Salvador License # (If Required):
Water Source: (Check One) Public ☒ Well ☐ Well Tag # (If Applicable):
(Required)

Lab package

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	MS-WF-B1	Room B5	8/12/18	8:00	AM/PM	X				
2	S-B2	Room B5		1:3	AM/PM					
3	WF-B5	Hall by Room B5		1:4	AM/PM					
4	S-B4	Faculty Room B4		9	AM/PM					
5	S-B3-1	Nurses office B3		12	AM/PM					
6	S-B3-2	Nurses office betw B3		15	AM/PM					
7	WF-B3-3	Nurses office B3		18	AM/PM					
8	WF-B	Hall by B3		21	AM/PM					
9	WF-104	Room 104		24	AM/PM					
10	S-104	Room 104		27	AM/PM					
Released by: Alex Salvador					Signature: [Signature]		Date/Time: 8/13/18		Date/Time: 8/15/18 12:45p	
Released by: T. [Signature]					Signature: [Signature]		Date/Time: 8/15/18 12:45p		Date/Time: 8/15/18 12:45p	



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~ For Lab Use Only ~

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: 356 Clark street City/State/Zip: South Orange NJ
(Required) (Required)
Project #: 180881 Sampled By: Alex Salvador License # (If Required):
Water Source: (Check One) Public X Well _____ Well Tag # (If Applicable): _____
(Required)

LDA Perry

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:	
11	MS-WF	Room 101	8/12/18	8:30	AM/PM	X				
12	-S	Room 101		33	AM/PM					
13	-WF	Hallby Room 105		36	AM/PM					
14	WF	Room 105		41	AM/PM					
15	S	Room 105		44	AM/PM					
16	S	Room 106		47	AM/PM					
17	WF	Room 106		52	AM/PM					
18	S	Room 107		55	AM/PM					
19	WF	Room 107		9:00	AM/PM					
20	S	Room 206		9:05	AM/PM	X				
Released by: <u>Alex Salvador</u>			Signature: <u>[Signature]</u>		Date/Time: <u>8/13/18</u>					
Released by: <u>T. Luk</u>			Signature: <u>[Signature]</u>		Date/Time: <u>8/15/18 12:45p</u>					



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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: 356 Clark Street

City/State/Zip: South Orange NJ

Project #: 180881 Sampled By: Alex Salvador

License # (if Required):

Water Source: (Check One)

Public ☒

Well ☐

Well Tag # (if Applicable):

LDR package

X	5 Day Turnaround	3 Day Turnaround	2 Day Turnaround	1 Day Turnaround * Call Ahead	Metals			Field Parameters		LAB USE	
					Lead	Copper	Other	Field pH at time of Collection:	Temp. at time of Collection:		Temp at Time of Receipt:
No.	Client Sample ID	Collection Location (Ex: Kitchen Sink)	Collection Date	Collection Time							
21	MS-WF	Room	206	8/13/18	9:10	1:13	AM/PM	X			
22	S		205		1:16		AM/PM				
23	WF		205		1:19		AM/PM				
24	WF		204		1:20		AM/PM				
25	S		204		1:22		AM/PM				
26	S		203		1:25		AM/PM				
27	S-1		202		1:28		AM/PM				
28	S-2		202		1:31		AM/PM				
29	WF		201		1:34		AM/PM				
30	S		201		1:37		AM/PM				
Released by: Alex Salvador					Signature: [Signature]					Date/Time: 8/13/18	
Released by: T. Nelson					Signature: [Signature]					Date/Time: 8/15/18 12:45	



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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: 356 Clark street

City/State/Zip: South Orange NJ

Project #: 180881 Sampled By: Alex Salvador

License # (If Required):

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

LDR package

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:	
31	MS-S-1	Room 200	8/13/18	9:40	AM/PM	X				
2					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: Alex Salvador Signature: [Signature] Date/Time: 8/13/18

Released by: T.M. Signature: [Signature] Date/Time: 8/15/18 12:45