



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:

Schools of Sayreville District

Performed For:

Sayreville Public Schools
Mr. James Kolmansperger
150 Lincoln Street
South Amboy, NJ 08879

Prepared By:

LEW Environmental Services, LLC.
181 US Hwy 46
Mine Hill, NJ 07803

Phone (908) 654-8068

Fax (908) 654-8069

Website <http://www.LEWCorp.com>

Inspection Date: 6/17/2022

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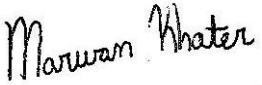
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Contact Information

Agency

Client Contact:	Mr. James Kolmansperger
Client Name:	Sayreville Public Schools
Street Address:	150 Lincoln Street South Amboy, NJ 08879
Phone Number:	(732) 525-5200

Risk Assessor(s)

Site Assessor(s):	Marwan Khater
Signature:	
Date:	June 24, 2022
E-Mail:	mkhater@lewcorp.com

Firm

Organization:	LEW Environmental Services, LLC.
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 Environmental Services, LLC. was contracted by Sayreville Public Schools to test for the presence of lead in drinking water in nine schools in the district.

Sampling Methodology

LEW Environmental Services, LLC. followed 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 June 17, 2022, LEW Environmental Services, LLC. collected the following number of water samples:

Sayreville Middle School

- 22 first draw samples collected + 1 QAQC sample
- 1 sample above the 15ppb action level

Wilson Elementary

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

Selover

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

Sayreville War Memorial High School

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

Samsel Upper Elementary

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

Harry S Truman

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

Emma L Arleth

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

Eisenhower

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

Cheesequake

- 13 first draw samples and 1 QAQC sample
- 1 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.
Emma Arleth	Cafe	No longer exists
Emma Arleth	Room 16	Not functional
Emma Arleth	Room 9	Not functional
Emma Arleth	Room 7	Not functional
Emma Arleth	Room 2	Not functional
Emma Arleth	Room 18	Not functional
Emma Arleth	Room 19	Not functional
Emma Arleth	Room 21	Not functional
Emma Arleth	Room 23	Not functional
Samsel Upper School	Hall Rm 229	Not functional
Samsel Upper School	Hall Rm 376	Not functional
Samsel Upper School	Hall Rm 121	Not functional
Samsel Upper School	Gym	Not functional
Wilson Elementary	Exit 7 Hallway	Not functional
Wilson Elementary	Exit 7 Hallway	Not functional
Wilson Elementary	Cafe	Not functional
Wilson Elementary	Main Hall	Not functional
Wilson Elementary	Main Hallway	Not functional
Wilson Elementary	Main Hall 2 nd floor	Not functional
Wilson Elementary	Main Hall 2 nd floor	Not functional
Sayreville Middle School	Hall B11- B12	Not functional
Sayreville Middle School	E Wing hall	Not functional
Sayreville Middle School	Teachers Room Cafe	Not functional
Sayreville Middle School	Hall Boys locker room	Not functional
Sayreville Middle	Nurse	Not functional

School		
Selover	Hall Room 7	Not functional
Selover	Hall room 28	Not functional
Eisenhower	Kitchen	Not functional
Eisenhower	Main office Room 34	Not functional
Eisenhower	Room 16	Not functional
Eisenhower	Exit B2	Not functional
Eisenhower	Room 23	Not functional
Sayreville War Memorial HS	Hall Cafe	Not functional
Sayreville War Memorial HS	Hall Cafe	Not functional
Sayreville War Memorial HS	Hall Cafe	Not functional
Sayreville War Memorial HS	Hall Cafe	Not functional
Sayreville War Memorial HS	D17	Not functional
Sayreville War Memorial HS	Hall copy Room	Not functional
Sayreville War Memorial HS	Copy Room	Not functional
Sayreville War Memorial HS	Hall A8	Not functional
Sayreville War Memorial HS	Hall Aud	Not functional
Sayreville War Memorial HS	A47	Not functional
Sayreville War Memorial HS	B Hall	Not functional
Sayreville War Memorial HS	B Hall	Not functional
Sayreville War Memorial HS	A217	Not functional
Sayreville War Memorial HS	Hall I206	Not functional
Harry S Truman	Lunch Cafe	Not functional
Harry S Truman	Lunch Cafe	Not functional
Harry S Truman	B-3	Not functional
Harry S Truman	B-4	Not functional
Harry S Truman	B-2	Not functional
Harry S Truman	B-1	Not functional
Harry S Truman	A Cluster Hall	Not functional
Harry S Truman	C-1	Not functional
Harry S Truman	C-4	Not functional

Harry S Truman	C-3	Not functional
Harry S Truman	Cafe	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) 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	Sample ID	Sample Location	Date Sampled	Concentration (ug/L)
Sayreville Middle School	13	D27	06/17/2022	45.7
Eisenhower	2	Kitchen	06/17/2022	1030
Cheesequake	6	DF HALL 107	06/17/2022	49.3

Appendix B Recommendations

Building	Sample ID	Sample Location	Concentration (ug/L)	Recommendations
Sayreville Middle School	13	D27	45.7	1) Immediately discontinue use of the outlets. 2) Conduct second draw (flush) samples on these outlets to further delineate source of contamination.
Eisenhower	2	Kitchen	1030	
Cheesequake	6	DF HALL 107	49.3	

Appendix C All Results

Sayreville Middle School

Sample ID	Sample Location	Date Sampled	Concentration (ug/L)
1	BOILER ROOM	06/17/2022	<1.00
3	HALL MAIN OFFICE	06/17/2022	<1.00
4	MAIN OFFICE	06/17/2022	<1.00
5	HALL C-1	06/17/2022	<1.00
6A	E WING HALL	06/17/2022	<1.00
6B	E WING HALL	06/17/2022	<1.00
6C	E WING HALL	06/17/2022	<1.00
8	E WING HALL	06/17/2022	<1.00
9	E WING HALL	06/17/2022	<1.00
10	HALL D17	06/17/2022	<1.00
11	D22 TEACHER'S ROOM	06/17/2022	<1.00
12	HALL D29	06/17/2022	<1.00
13	D27	06/17/2022	45.7
14	CAFE HALL	06/17/2022	1.55
15	KITCHEN	06/17/2022	<1.00
16	CAFE	06/17/2022	<1.00
18	HALL C50	06/17/2022	<1.00
21	CAFE HALL	06/17/2022	1.68
23	FOOD PREP KITCHEN R	06/17/2022	3.78
3A	MAIN OFFICE HALL	06/17/2022	1.05
2A	HALL B11	06/17/2022	1.97
10A	HALL D17	06/17/2022	2.60
SR	SUNROOM	06/17/2022	<1.00

Wilson Elementary

Sample ID	Sample Location	Date Sampled	Concentration (ug/L)
4	KITCHEN	06/17/2022	<1.00
5	TEACHER'S ROOM	06/17/2022	<1.00
8	MAIN HALL	06/17/2022	1.90
11	NURSE	06/17/2022	<1.00
SR	SUNROOM	06/17/2022	<1.00

Selover

Sample ID	Sample Location	Date Sampled	Concentration (ug/L)
1	RM 7	06/17/2022	<1.00
2	RM 12	06/17/2022	<1.00
3	RM 23	06/17/2022	2.49
4	RM 14	06/17/2022	<1.00
SR	SUNROOM	06/17/2022	<1.00

Sayreville War Memorial High School

Sample ID	Sample Location	Date Sampled	Concentration (ug/L)
2	HALL CAFE	06/17/2022	<1.00
4	HALL CAFE	06/17/2022	<1.00
7	HALL CAFE	06/17/2022	<1.00
8	B-17	06/17/2022	<1.00
9	KITCHEN	06/17/2022	<1.00
10	KITCHEN	06/17/2022	<1.00
11	KITCHEN	06/17/2022	<1.00
12	KITCHEN	06/17/2022	<1.00
13	KITCHEN	06/17/2022	<1.00
14	KITCHEN	06/17/2022	<1.00
15	KITCHEN	06/17/2022	<1.00
16	D14	06/17/2022	<1.00
17	D14	06/17/2022	<1.00
18	D14	06/17/2022	1.69
19	D14	06/17/2022	4.08
20	D14	06/17/2022	<1.00
21	D14	06/17/2022	<1.00
22	D14	06/17/2022	<1.00
23	D17	06/17/2022	<1.00
25	A104	06/17/2022	<1.00
26	A100 BOYS LOCKER RM	06/17/2022	1.49
27	A107	06/17/2022	<1.00
28	A108	06/17/2022	1.14
29	A96	06/17/2022	3.18
30	GYM HALL	06/17/2022	<1.00
31	GYM HALL	06/17/2022	<1.00
33	HALL COPY	06/17/2022	7.20
35	HALL G130	06/17/2022	<1.00
37	A13	06/17/2022	<1.00
39	HALL AUD	06/17/2022	<1.00
41	C22	06/17/2022	1.10
42	C22	06/17/2022	<1.00
43	NURSE	06/17/2022	1.32
46	B HALL	06/17/2022	<1.00
47	B HALL	06/17/2022	<1.00
48	D HALL	06/17/2022	<1.00
49	D HALL	06/17/2022	<1.00
50	D201	06/17/2022	<1.00
52	A218	06/17/2022	<1.00
53	A207	06/17/2022	<1.00
54	A234	06/17/2022	2.06
55	A235	06/17/2022	9.17

56	FIELD HOUSE	06/17/2022	1.96
57	B14	06/17/2022	<1.00
59	D201	06/17/2022	<1.00
60	NURSE	06/17/2022	<1.00
61	KITCHEN LEFT	06/17/2022	<1.00
62	KITCHEN OVEN INFRONT	06/17/2022	4.37
63	POT FILLER KITCHEN	06/17/2022	<1.00
64	FOOD PREP KITCHEN	06/17/2022	9.49
65	GYM HALL BF	06/17/2022	<1.00
SR	SUNROOM	06/17/2022	<1.00

Samsel Upper Elementary School

Sample ID	Sample Location	Date Sampled	Concentration (ug/L)
1	ROOM 234	06/17/2022	1.08
2	ROOM 236	06/17/2022	1.48
3	ROOM 235	06/17/2022	<1.00
4	ROOM 235	06/17/2022	<1.00
5	OFFICE	06/17/2022	4.52
6	NURSE	06/17/2022	<1.00
7	ROOM 229	06/17/2022	<1.00
8	HALL ROOM 227	06/17/2022	<1.00
10	HALL ROOM 358	06/17/2022	<1.00
12	ROOM 377	06/17/2022	<1.00
13	ROOM 317	06/17/2022	<1.00
14	ROOM 333	06/17/2022	<1.00
15	ROOM 334	06/17/2022	<1.00
16	ROOM 335	06/17/2022	<1.00
17	ROOM 336	06/17/2022	<1.00
18	ROOM 338	06/17/2022	<1.00
19	ROOM 339	06/17/2022	<1.00
20	ROOM 345	06/17/2022	<1.00
21	ROOM 346	06/17/2022	<1.00
22	ROOM 347	06/17/2022	<1.00
23	ROOM 348	06/17/2022	<1.00
24	ROOM 349	06/17/2022	<1.00
26	HALL ROOM 121	06/17/2022	<1.00
27	KITCHEN	06/17/2022	<1.00
28	KITCHEN	06/17/2022	<1.00
29	KITCHEN	06/17/2022	<1.00
30	HALL GYM	06/17/2022	<1.00
31	HALL GYM	06/17/2022	<1.00
SR	SUNROOM	06/17/2022	<1.00

Harry S Truman

Sample ID	Sample Location	Date Sampled	Concentration (ug/L)
1	D WING HALL	06/17/2022	4.75
2	D WING HALL	06/17/2022	2.85
3	TEACHER'S ROOM	06/17/2022	<1.00
4	TEACHER'S ROOM	06/17/2022	<1.00
5	HALL BY TEACHER'S ROOM	06/17/2022	1.05
6	HALL BY TEACHER'S ROOM	06/17/2022	<1.00
9	NURSE	06/17/2022	6.88
10	MAIN OFFICE	06/17/2022	<1.00
15	A CLUSTER HALL	06/17/2022	5.27
17	A CLUSTER	06/17/2022	2.19
18	A CLUSTER A7	06/17/2022	3.47
19	C CLUSTER HALL	06/17/2022	6.72
20	C CLUSTER HALL	06/17/2022	12.6
25	C-6	06/17/2022	4.48
27	MAIN HALL	06/17/2022	10.6
28	KIT S1	06/17/2022	1.66
29	KIT S2	06/17/2022	9.11
30	KIT S3	06/17/2022	7.63
31	B8 DF	06/17/2022	4.70
32	B10 DF	06/17/2022	4.94
33	B7 DF	06/17/2022	11.1
34	B ROOM 18	06/17/2022	2.12
35	C5 B	06/17/2022	4.93
36	C7 B	06/17/2022	1.86
37	C9 B	06/17/2022	2.17
38	C11 B	06/17/2022	1.02
SR	SUNROOM	06/17/2022	<1.00

Emma L Arleth Elementary School

Sample ID	Sample Location	Date Sampled	Concentration (ug/L)
1	KITCHEN	06/17/2022	<1.00
3	TEACHER'S ROOM FRONT	06/17/2022	<1.00
4	LONG HALL	06/17/2022	<1.00
6	ROOM 15	06/17/2022	1.50
7	ROOM 14	06/17/2022	<1.00
8	ROOM 13	06/17/2022	1.15
9	ROOM 12	06/17/2022	<1.00
10	ROOM 11	06/17/2022	1.90
11	ROOM 10	06/17/2022	1.59
13	ROOM 8	06/17/2022	1.09
15	ROOM 6	06/17/2022	8.31
16	ROOM 5	06/17/2022	1.41
17	ROOM 4	06/17/2022	1.09
18	ROOM 3	06/17/2022	<1.00
20	ROOM 1	06/17/2022	1.43
21	NURSE ROOM	06/17/2022	<1.00
22	OUTSIDE OFFICE	06/17/2022	<1.00
23	ROOM 17	06/17/2022	<1.00
26	ROOM 20	06/17/2022	<1.00
28	ROOM 22	06/17/2022	1.15
30	ROOM 24	06/17/2022	<1.00
31	ROOM 25	06/17/2022	<1.00
32	ROOM 26	06/17/2022	<1.00
33	OUTSIDE GYM	06/17/2022	<1.00
34	OUTSIDE GYM	06/17/2022	<1.00
35	TEACHER'S RM NEW WING	06/17/2022	<1.00
36	LIBRARY	06/17/2022	<1.00
4A	HALL TEACHER'S RM BF	06/17/2022	<1.00
37	TEACHER'S LOUNGE	06/17/2022	<1.00
22A	OUTSIDE OFFICE BF	06/17/2022	<1.00
34A	OUTSIDE GYM BF	06/17/2022	<1.00
SR	SUNROOM SINK	06/17/2022	<1.00

Eisenhower

Sample ID	Sample Location	Date Sampled	Concentration (ug/L)
1	KITCHEN	06/17/2022	<1.00
2	KITCHEN	06/17/2022	1030
3	KITCHEN	06/17/2022	1.51
5	TEACHER'S ROOM	06/17/2022	<1.00
6	ROOM 5	06/17/2022	3.41
7	ROOM 6	06/17/2022	2.44
8	ROOM 7	06/17/2022	2.51
9	ROOM 8	06/17/2022	1.93
10	ROOM 9	06/17/2022	<1.00
11	ROOM 10	06/17/2022	<1.00
12	ROOM 11	06/17/2022	4.16
13	ROOM 12	06/17/2022	2.94
14	ROOM 13	06/17/2022	1.87
15	MAIN LOBBY	06/17/2022	<1.00
16	MAIN LOBBY	06/17/2022	<1.00
18	NURSE	06/17/2022	2.72
21	ROOM 18	06/17/2022	1.47
22	ROOM 19	06/17/2022	1.24
23	ROOM 20	06/17/2022	<1.00
24	ROOM 21	06/17/2022	1.48
25	ROOM 22	06/17/2022	<1.00
27	ROOM 24	06/17/2022	<1.00
28	ROOM 25	06/17/2022	<1.00
29	ROOM 26	06/17/2022	<1.00
30	ROOM 27	06/17/2022	<1.00
31	ROOM 28	06/17/2022	<1.00
32	ROOM 29	06/17/2022	<1.00
33	ROOM 30	06/17/2022	<1.00
34	ROOM 31	06/17/2022	11.8
35	ROOM 32	06/17/2022	1.40
36	CAFE	06/17/2022	<1.00
SR	SUNROOM	06/17/2022	<1.00

Cheesequake Elementary School

Sample ID	Sample Location	Date Sampled	Concentration (ug/L)
1	WC NURSE HALL	06/17/2022	<1.00
2	K SINK	06/17/2022	<1.00
3	B104	06/17/2022	<1.00
4	DF HALL 104	06/17/2022	<1.00
5	B105	06/17/2022	4.69
6	DF HALL 107	06/17/2022	49.3
7	B108	06/17/2022	<1.00
8	DF HALL 1B	06/17/2022	5.15
9	S TEACHER'S LOUNGE	06/17/2022	4.25
10	DF HALL 201B	06/17/2022	6.08
11	DF HALL 201	06/17/2022	5.69
12	DF HALL 205	06/17/2022	3.26
13	HALL 204	06/17/2022	2.86
SR	SUNROOM	06/17/2022	<1.00

Appendix D Floor Plan(s)

Appendix E Laboratory Data