



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:**

Essex Regional Admin Building  
333 Fairfield Road, Fairfield, NJ 07094

**Performed For:**

Essex Regional Educational Services Commission  
G. Douglas Bland  
333 Fairfield Road  
Fairfield, NJ 07094

**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: 6/4/2022  
Project Number: 220450

# **Table of Contents**

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

# **Appendices**

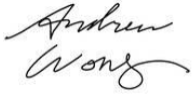
Appendix A	Exceedances
Appendix B	Recommendations
Appendix C	All results
Appendix D	Floor Plan(S)
Appendix E	Laboratory Data

## Contact Information

### Agency

Client Contact:	G. Douglas Bland
Client Name:	Essex Regional Educational Services Commission
Street Address:	333 Fairfield Road Fairfield, NJ 07094
Phone Number:	(973) 902-9512

### Risk Assessor(s)

Site Assessor(s):	Andrew Wong
License:	LBP-I-1220843-1
Signature:	
Date:	July 8, 2016
E-Mail:	awong@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:	<a href="http://www.lewcorp.com">http://www.lewcorp.com</a>

### 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 Essex Regional Educational Services Commission to test for the presence of lead in drinking water in one building 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 4, 2022, LEW Environmental Services, LLC. collected the following number of water samples:

## Essex Regional Admin Building

- 4 first draw samples collected + 1 QAQC
- 2 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.
		None

## 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

Date Collected	Date Analyzed	Sample ID	Sample Location	Concentration (ppb)
06/04/2022	06/07/2022	ER-WF-BATH3	3 <sup>rd</sup> Floor Fountain Between Bathrooms	70.6
06/04/2022	06/07/2022	ER-WF-BATH2	2 <sup>nd</sup> Floor Fountain Between Bathrooms	137

## Appendix B Recommendations

Sample Location	Concentration (ppb)	Recommendations
3 <sup>rd</sup> Floor Fountain Between Bathrooms	70.6	1) Immediately discontinue use of the outlets. 2) Conduct second draw (flush) samples on these outlets to further delineate source of contamination.
2 <sup>nd</sup> Floor Fountain Between Bathrooms	137	

## Appendix C All Results

Sample ID	Collection Date	Collection Location	Concentration (ug/L)
ER-WF-BATH3	06/04/2022	3 <sup>rd</sup> Floor Fountain Between Bathrooms	70.6
ER-S-3L1	06/04/2022	Kitchen Sink in 3L1	<1.00
ER-S-SL	06/04/2022	2 <sup>nd</sup> Floor Staff Lounge Sink	<1.00
ER-WF-BATH2	06/04/2022	2 <sup>nd</sup> Floor Fountain Between Bathrooms	137
ER-S-SR	06/04/2022	Sun Room Sink (QAQC)	<1.00



**Appendix D      Floor Plan(s)**

## **Appendix E      Laboratory Data**