



## Hopatcong Borough Schools

P.O. Box 1029 • Hopatcong, New Jersey 07843 • (973) 770-8840 • FAX (973) 398-2590  
**Gregory Smyth, Interim Facilities Manager**

June 10th, 2025

Hopatcong Borough Schools  
Durban Avenue School  
616 Durban Avenue  
Hopatcong, NJ 07843

Dear Durban Avenue School Community,

Our school system is committed to protecting student, teacher, and staff health. To protect our community, in accordance with the Department of Education regulations at N.J.A.C. 6A:26-12.4, Hopatcong Borough Schools tested our schools' drinking water for lead.

In accordance with the Department of Education regulations, Durban Avenue School will implement immediate remedial measures for any drinking water outlet with a result greater than the action level of 15  $\mu\text{g/l}$  (parts per billion [ppb]). This includes turning off the outlet unless it is determined the location must remain on for non-drinking purposes. In these cases, a "DO NOT DRINK – SAFE FOR HANDWASHING ONLY" sign will be posted.

### Results of our Testing

Following instructions given in technical guidance developed by the New Jersey Department of Environmental Protection, we completed a plumbing profile for each of the buildings within Hopatcong Borough Schools. Through this effort, we identified and tested all drinking water and food preparation outlets. Of the 14 outlets sampled, 2 first draw samples tested above the lead action level established by the US Environmental Protection Agency for lead in drinking water (15  $\mu\text{g/l}$  [ppb]).

The table below identifies the drinking water outlets that tested above the 15  $\mu\text{g/l}$  for lead with the associated first draw and follow-up flush sample lead levels, as well as what temporary remedial action Hopatcong Borough Schools has taken or plans to take to reduce the levels of lead at these locations.

<b>Sample Location</b>	<b>First Draw Result in <math>\mu\text{g/l}</math> (ppb)</b>	<b>Remedial Action</b>
Kitchen Sink Left ID # DA-S1-KIT	27.9	Immediately ceased potable usage and bottled water provided. Replaced fixture.
Kitchen Sink Right ID# DA-S2-KIT	37	Immediately ceased potable usage and bottled water provided. Replaced fixture.

## Health Effects of Lead

High levels of lead in drinking water can cause health problems. Lead is most dangerous for pregnant women, infants, and children under 6 years of age. It can cause damage to the brain and kidneys and can interfere with the production of red blood cells that carry oxygen to all parts of your body. Exposure to high levels of lead during pregnancy contributes to low birth weight and developmental delays in infants. In young children, lead exposure can lower IQ levels, affect hearing, reduce attention span, and hurt school performance. At *very* high levels, lead can even cause brain damage. Adults with kidney problems and high blood pressure can be affected by low levels of lead more than healthy adults.

## How Lead Enters our Water

Lead is unusual among drinking water contaminants in that it seldom occurs naturally in water supplies like groundwater, rivers, and lakes. Lead enters drinking water primarily because of the corrosion, or wearing away, of materials containing lead in the water distribution system and in building plumbing. These materials include lead-based solder used to join copper pipe, brass, and chrome-plated brass faucets. In 1986, Congress banned the use of lead solder containing greater than 0.2% lead, and restricted the lead content of faucets, pipes, and other plumbing materials. However, even the lead in plumbing materials meeting these new requirements is subject to corrosion. When water stands in lead pipes or plumbing systems containing lead for several hours or more, the lead may dissolve into the drinking water. This means the first water drawn from the tap in the morning *may* contain fairly high levels of lead.

## Lead in Drinking Water

Lead in drinking water, although rarely the sole cause of lead poisoning can significantly increase a person's total lead exposure, particularly the exposure of children under the age of 6. EPA estimates that drinking water can make up 20% or more of a person's total exposure to lead.

## For More Information

A copy of the test results is available in our central office for inspection by the public, including students, teachers, other school personnel, and parents, and can be viewed between the hours of 7:30 a.m. and 3:00 p.m. and are also available on our website at <https://www.hopatcongschools.org/p/facilities/>. For more information about water quality in our schools, contact Gregory Smyth at the Facilities Department at 973-770-8840 or email at [gsmyth@hopatcongschools.org](mailto:gsmyth@hopatcongschools.org).

For more information on reducing lead exposure around your home and the health effects of lead, visit EPA's Web site at [www.epa.gov/lead](http://www.epa.gov/lead), call the National Lead Information Center at 800-424-LEAD, or contact your health care provider.

If you are concerned about lead exposure at this facility or in your home, you may want to ask your health care providers about testing children to determine levels of lead in their blood.

Sincerely,  
Gregory Smyth  
Facilities Supervisor



7469 Whitepine Rd  
 North Chesterfield, VA 23237  
 Telephone: 800.347.4010

## Lead in Drinking Water Analysis Report

Report Number: 25-04-04323

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

Received Date: 04/23/2025  
 Reported Date: 04/29/2025  
 Sampled By: Marvin Ayumbi  
 Tech Certification #:

Project/Test Address: 2735; Durban Ave School; 616 Durban Ave; Hopatcong, NJ 07843

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
25-04-04323-001	1	04/12/2025	DA-S1 KIT	27.9	04/25/2025	
25-04-04323-002	2	04/12/2025	DA-S2-KIT	37.0	04/25/2025	
25-04-04323-003	3	04/12/2025	DA-S3-KIT	5.59	04/26/2025	
25-04-04323-004	4	04/12/2025	DA-PF-KIT	5.49	04/26/2025	
25-04-04323-005	5	04/12/2025	DA-WC-NO	<1.00	04/26/2025	
25-04-04323-006	6	04/12/2025	DA-BF-NO	<1.00	04/26/2025	
25-04-04323-007	7	04/12/2025	DA-S-NO	11.5	04/26/2025	
25-04-04323-008	8	04/12/2025	DA-WC-C1	<1.00	04/26/2025	
25-04-04323-009	9	04/12/2025	DA-BF-C1	<1.00	04/26/2025	
25-04-04323-010	10	04/12/2025	DA-WC-CST	<1.00	04/26/2025	
25-04-04323-011	11	04/12/2025	DA-BF-CST	<1.00	04/26/2025	
25-04-04323-012	12	04/12/2025	DA-BB-TL	<1.00	04/26/2025	
25-04-04323-013	13	04/12/2025	DA-WC-D19	<1.00	04/26/2025	

# Environmental Hazards Services, L.L.C

Client Number: 201327

Report Number: 25-04-04323

Project/Test Address: 2735; Durban Ave School; 616 Durban Ave; Hopatcong, NJ 07843

Lab Sample Number	Client Sample ID	Collection Date	Collection Location	Concentration ug/L (ppb)	Analysis Date	Narrative ID
25-04-04323-014	14	04/12/2025	DA-BF-D19	<1.00	04/26/2025	
25-04-04323-015	15	04/12/2025	QAQC-BLANK	<1.00	04/26/2025	

Method: EPA 200.8

Analyst: Nicole Holloway

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

## WaterSmart® Lead Chain-of-Custody Form

Richmond, VA - Phone: (800) 347-4010 FAX: (804) 275-4907  
www.leadlab.com

25-04-04323



Due Date:  
04/30/2025  
(Wednesday)  
AE

Client Name: LEW Environmental Services, LLC Account #: 201327

Address: 181 US Hwy 46

City/State/Zip: Mine Hill, NJ 07803 Phone: 908-654-8068

Email Address: labresults@lewenvironmental.com

Project Name/ Number: Durban Ave school / 2735

Collection Address: 616 Durban Ave City/State/Zip: Hopatcong NJ 07843  
(Required) (Required)

Approx. Age Of Property: \_\_\_\_\_ Collected By: Marvin Ayumbi

Water Source: (Check One) Public  or Well \_\_\_\_\_ Well Tag # (if applicable): \_\_\_\_\_

Turn-Around Time X 5 Days \_\_\_\_\_ 3 Days \_\_\_\_\_ 2 Days \_\_\_\_\_ 1 Day

No.	Client Sample ID	Collection Location (Ex: Kitchen Sink)	Collection Date	Collection Time	Analyte	
					Pb	Cu
1	1	DA-S1-KIT	04/12/25	AM / PM	X	
2	2	DA-S2-KIT	↓	AM / PM		
3	3	DA-S3-KIT		AM / PM		
4	4	DA-PF-KIT		AM / PM		
5	5	DA-WC-NO		AM / PM		
6	6	DA-BF-NO		AM / PM		
7	7	DA-S-NO		AM / PM		
8	8	DA-WC-C1		AM / PM		
9	9	DA-BF-C1		AM / PM		
10	10	DA-WC-CST		AM / PM		
11	11	DA-BF-CST		AM / PM		
12	12	DA-BB-TL		AM / PM		
13	13	DA-WC-D19		AM / PM		
14	14	DA-BF-D19		AM / PM		
15	15	QAQC-Blank		04/12/25	AM / PM	X

Released by: Marvin Ayumbi Signature: [Signature] Date/Time: 04/12/25

Received by: KTHARRIS Signature: [Signature] Date/Time: 4.23.25

@ 3:07 pm





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:**

Hopatcong Borough Schools  
2 Windsor Ave, Hopatcong, NJ, 07843

**Performed For:**

Hopatcong Borough Schools  
Mr. Gregory Smyth  
2 Windsor Ave, PO Box 1029, Hopatcong, NJ, 07843

**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: 04/04/2025  
Project Number: 2735

## Contact Information

### Education Agency

Client Contact:	Mr. Gregory Smyth
Client Name:	Hopatcong Borough Schools
Street Address	2 Windsor Ave, PO Box 1029 , Hopatcong, NJ, 07843
Phone Number:	(973) 770-88403

### Sampler(s)

Site Assessor(s):	Marvin Ayumbi, Erick Ulloa
Signature:	
Date:	May 13, 2025

### 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 Hopatcong Borough Schools to test for the presence of lead in drinking water in five facilities 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.