# 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
Hopatcong High School
2A Windsor Avenue
Hopatcong, NJ 07843

Dear Hopatcong High 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, Hopatcong High School will implement immediate remedial measures for any drinking water outlet with a result greater than the action level of 15 µg/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 34 outlets sampled, 5 first draw samples tested above the lead action level established by the US Environmental Protection Agency for lead in drinking water (15 µg/l [ppb]).

The table below identifies the drinking water outlets that tested above the 15 µg/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.

| Sample Location | First Draw Result in µg/l (ppb) | Remedial Action |
|---|---|---|
| Café Coffee Maker Left ID # HHS-CM1-CAFE | 34.3 | Immediately ceased potable usage and bottled water provided. Replaced Fixture |
| Café Coffee Maker Right | 25.7 | Immediately ceased potable usage and bottled water provided. Replaced fixture. |

| | | |
|---|---|---|
| ID# HHS-CM2-CAFE | | |
| Concession Stand Sink Left ID# HHS-S1-GCS | 1380 | Immediately ceased potable usage and bottled water provided. Posted signage "DO NOT DRINK- SAFE FOR HANDWASHING ONLY" |
| Concession Stand Sink Right ID# HHS-S2-GCS | 113 | Immediately ceased potable usage and bottled water provided. Posted signage "DO NOT DRINK- SAFE FOR HANDWASHING ONLY" |
| Trainer's Office Cooler Filler ID# HHS-BR-HR | 205 | 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.

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**, 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

EHS Laboratories
ENVIRONMENTAL HAZARDS SERVICES, LLC

7469 Whitepine Rd
North Chesterfield, VA 23237
Telephone: 800.347.4010

# Lead in Drinking Water Analysis Report

Report Number: 25-04-04335

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

Received Date: 04/23/2025
Reported Date: 04/30/2025
Sampled By: Marvin Ayumbi
Tech Certification #:

Project/Test Address: 2735; Hopatcong High School; 2 Windsor 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 |
|---|---|---|---|---|---|---|
| 25-04-04335-001 | 1 | 04/12/2025 | HHS-EW-A32 | 8.08 | 04/28/2025 | |
| 25-04-04335-002 | 2 | 04/12/2025 | HHS-CM1-CAFE | 34.3 | 04/28/2025 | |
| 25-04-04335-003 | 3 | 04/12/2025 | HHS-CM2-CAFE | 25.7 | 04/28/2025 | |
| 25-04-04335-004 | 5 | 04/12/2025 | HHS-WC-CAFE | <1.00 | 04/28/2025 | |
| 25-04-04335-005 | 6 | 04/12/2025 | HHS-BF-CAFE | <1.00 | 04/28/2025 | |
| 25-04-04335-006 | 7 | 04/12/2025 | HHS-S1-KIT | 2.24 | 04/28/2025 | |
| 25-04-04335-007 | 8 | 04/12/2025 | HHS-S2-KIT | 1.97 | 04/28/2025 | |
| 25-04-04335-008 | 9 | 04/12/2025 | HHS-WC-AL | <1.00 | 04/28/2025 | |
| 25-04-04335-009 | 10 | 04/12/2025 | HHS-BF-AL | <1.00 | 04/28/2025 | |
| 25-04-04335-010 | 11 | 04/12/2025 | HHS-S-NO | 5.11 | 04/28/2025 | |
| 25-04-04335-011 | 12 | 04/12/2025 | HHS-S1-GCS | 1380 | 04/29/2025 | |
| 25-04-04335-012 | 13 | 04/12/2025 | HHS-S2-GCS | 113 | 04/28/2025 | |
| 25-04-04335-013 | 14 | 04/12/2025 | HHS-WC-PE2 | <1.00 | 04/28/2025 | |

Client Number: 201327 Report Number: 25-04-04335

Project/Test Address: 2735; Hopatcong High School; 2 Windsor Ave; Hopatcong, NJ 07843

| Lab Sample Number | Client Sample ID | Collection Date | Collection Location | Concentration ug/L (ppb) | Analysis Date | Narrative ID |
|---|---|---|---|---|---|---|
| 25-04-04335-014 | 15 | 04/12/2025 | HHS-BF-PE2 | <1.00 | 04/28/2025 | |
| 25-04-04335-015 | 16 | 04/12/2025 | HHS-WC-C3 | <1.00 | 04/28/2025 | |
| 25-04-04335-016 | 17 | 04/12/2025 | HHS-BF-C3 | <1.00 | 04/28/2025 | |
| 25-04-04335-017 | 18 | 04/12/2025 | HHS-WC-A14 | 2.01 | 04/28/2025 | |
| 25-04-04335-018 | 19 | 04/12/2025 | HHS-BB-A19 | <1.00 | 04/28/2025 | |
| 25-04-04335-019 | 20 | 04/12/2025 | HHS-IM-HR | <1.00 | 04/28/2025 | |
| 25-04-04335-020 | 20A | 04/12/2025 | HHS-BR-HR | 205 | 04/28/2025 | |
| 25-04-04335-021 | 21 | 04/12/2025 | HHS-WC-A20 | <1.00 | 04/28/2025 | |
| 25-04-04335-022 | 22 | 04/12/2025 | HHS-BF-A20 | <1.00 | 04/28/2025 | |
| 25-04-04335-023 | 23 | 04/12/2025 | HHS-BB-HE-A | 2.19 | 04/28/2025 | |
| 25-04-04335-024 | 24 | 04/12/2025 | HHS-S-HE-A | 3.51 | 04/28/2025 | |
| 25-04-04335-025 | 25 | 04/12/2025 | HHS-BB-HE-B | 1.18 | 04/28/2025 | |
| 25-04-04335-026 | 26 | 04/12/2025 | HHS-S-HE-B | 12.5 | 04/28/2025 | |
| 25-04-04335-027 | 27 | 04/12/2025 | HHS-BB-HE-C | <1.00 | 04/28/2025 | |
| 25-04-04335-028 | 28 | 04/12/2025 | HHS-S-HE-C | 7.10 | 04/28/2025 | |
| 25-04-04335-029 | 29 | 04/12/2025 | HHS-BB-HE-D | <1.00 | 04/28/2025 | |
| 25-04-04335-030 | 30 | 04/12/2025 | HHS-S-HE-D | 10.6 | 04/28/2025 | |
| 25-04-04335-031 | 31 | 04/12/2025 | HHS-BB-HE-E | <1.00 | 04/28/2025 | |
| 25-04-04335-032 | 32 | 04/12/2025 | HHS-S-HE-E | 13.3 | 04/28/2025 | |
| 25-04-04335-033 | 33 | 04/12/2025 | HHS-BB-HE-F | 1.29 | 04/28/2025 | |

# Environmental Hazards Services, L.L.C

Client Number: 201327 Report Number: 25-04-04335

Project/Test Address: 2735; Hopatcong High School; 2 Windsor Ave; Hopatcong, NJ 07843

| Lab Sample Number | Client Sample ID | Collection Date | Collection Location | Concentration ug/L (ppb) | Analysis Date | Narrative ID |
|---|---|---|---|---|---|---|
| 25-04-04335-034 | 34 | 04/12/2025 | HHS-S-HE-F | 7.92 | 04/28/2025 | |
| 25-04-04335-035 | 35 | 04/12/2025 | QAQC BLANK | <1.00 | 04/28/2025 | |

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

EHS Laboratories
ENVIRONMENTAL HAZARDS SERVICES, LLC

25-04-04335

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

Client Name: LEW Environmental Services Account #: 201327

Address: 181 US HWY 46

City/State/Zip: Mine Hill NJ 07803 Phone: 908-654-8069

Email Address: labresults@lewenvironmental.com

**Project Name/ Number :** Hopatcong High school/2735

**Collection Address:** 2 Windsor Ave (Required) **City/State/Zip:** Hopatcong NJ 07843 (Required)

**Approx. Age Of Property:** _____ **Collected By:** Marvin Ayumbi

**Water Source: (Check One) Public** X **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 | HHS-EW-A32 | 04/12/25 | AM / PM | X | |
| 2 | 2 | HHS-CM1-CAFE | | AM / PM | | |
| 3 | 3 | HHS-CM2-CAFE | | AM / PM | | |
| 4 | 5 | HHS-WC-CAFE | | AM / PM | | |
| 5 | 6 | HHS-BF-CAFE | | AM / PM | | |
| 6 | 7 | HHS-S1-KIT | | AM / PM | | |
| 7 | 8 | HHS-S2-KIT | | AM / PM | | |
| 8 | 9 | HHS-WC-AL | | AM / PM | | |
| 9 | 10 | HHS-BF-AL | | AM / PM | | |
| 10 | 11 | HHS-S-NO | | AM / PM | | |
| 11 | 12 | HHS-S1-GCS | | AM / PM | | |
| 12 | 13 | HHS-S2-GCS | | AM / PM | | |
| 13 | 14 | HHS-WC-PE2 | | AM / PM | | |
| 14 | 15 | HHS-BF-PE2 | | AM / PM | | |
| 15 | 16 | HHS-WC-C3 | 04/12/25 | AM / PM | X | |

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

Received by: J Dickerson Signature: J Dickerson Date/Time: 4/23/25 338pm

Client Name: _____ Account #_____ Page 2 of 2

Project Name: _____

Lab I.D. #: 24-4-4335

| No. | Client Sample ID | Collection Location (Ex: Kitchen Sink) | Collection Date | Collection Time | Analyte | |
|---|---|---|---|---|---|---|
| | | | | | Pb | Cu |
| * 16 | 17 | HHS-BF-C3 * | 04/12/25 | AM / PM | X | |
| 17 | 18 | HHS-WC-A14 | | AM / PM | | |
| 18 | 19 | HHS-BB-A19 | | AM / PM | | |
| 19 | 20 | HHS-IM-HR | | AM / PM | | |
| 20 | 20A | HHS-BF-HR | | AM / PM | | |
| 21 | 21 | HHS-WC-A20 | | AM / PM | | |
| 22 | 22 | HHS-BF-A20 | | AM / PM | | |
| 23 | 23 | HHS-BB-HE-A | | AM / PM | | |
| 24 | 24 | HHS-S-HE-A | | AM / PM | | |
| 25 | 25 | HHS-BB-HE-B | | AM / PM | | |
| 26 | 26 | HHS-S-HE-B | | AM / PM | | |
| 27 | 27 | HHS-BB-HE-C | | AM / PM | | |
| 28 | 28 | HHS-S-HE-C | | AM / PM | | |
| 29 | 29 | HHS-BB-HE-D | | AM / PM | | |
| 30 | 30 | HHS-S-HE-D | | AM / PM | | |
| 31 | 31 | HHS-BB-HE-E | | AM / PM | | |
| 32 | 32 | HHS-S-HE-E | | AM / PM | | |
| 33 | 33 | HHS-BB-HE-F | | AM / PM | | |
| 34 | 34 | HHS-S-HE-F | | AM / PM | X | |
| 35 | 35 | QAQC-Blank | 04/12/25 | AM / PM | X | |
| 36 | | | | AM / PM | | |
| 37 | | | | AM / PM | | |
| 38 | *labeld | HHS-BF-17 * 4/23/25 | | AM / PM | | |
| 39 | | | | AM / PM | | |
| 40 | | | | AM / PM | | |
| 41 | | | | AM / PM | | |
| 42 | | | | AM / PM | | |
| 43 | | | | AM / PM | | |
| 44 | | | | AM / PM | | |
| 45 | | | | AM / PM | | |
| 46 | | | | AM / PM | | |
| 47 | | | | AM / PM | | |
| 48 | | | | AM / PM | | |
| 49 | | | | AM / PM | | |
| 50 | | | | AM / PM | | |

| | | | |
|---|---|---|---|
| Released by: | | Signature: | Date/Time: |
| Received by: | JDickerson | Signature: JDickerson | Date/Time: 4/23/25 338pm |

# Attachment C - Water Outlet Inventory

(To be completed for each school)

Name of School: Hopatcong High School | Address: 2 Windsor Ave, Hopatcong, NJ 07843

Grade Levels: 9-12 | Year School Constructed: | Renovations/Additions:

Individual school project officer Name/Signature: _____ | Date completed:

| #[1] | Type | Location | Code | Operating [2] | Corrosion [3] | Filter [4] | Brass Fittings, Faucets or valves? | Aerator/ Screen | Motion Activated | Chiller | Water Cooler | | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | (Y/N) | (Y/N) | (Y/N) | (Y/N) | (Y/N) | (Y/N) | (Y/N) | Make | Model | |
| 1 | Eye Wash | Custodian Office A-32 | HHS-EW-A32 | Y | N | N | N | N | N | N | | | |
| 2 | Coffee Maker | Cafeteria | HHS-CM1-CAFÉ | Y | N | N | N | N | N | N | | | |
| 3 | Coffee Maker | Cafeteria | HHS-CM2-CAFÉ | Y | N | N | N | N | N | N | | | |
| 4 | ~~Coffee Maker~~ | ~~Cafeteria~~ | ~~HHS-CM3-CAFÉ~~ | ~~Y~~ | ~~N~~ | ~~N~~ | ~~N~~ | ~~N~~ | ~~N~~ | ~~N~~ | | | Not functional |
| 5 | Water cooler | Cafeteria | HHS-WC-CAFÉ | Y | N | N | N | N | N | N | | | |
| 6 | Bottle Filler | Cafeteria | HHS-BF-CAFÉ | Y | N | Y | N | N | N | N | | | |
| 7 | Sink | Kitchen | HHS-S1-KIT | Y | N | N | N | N | N | N | | | |
| 8 | Sink | Kitchen | HHS-S2-KIT | Y | N | N | N | N | N | N | | | |
| 9 | Water cooler | Auditorium Lobby | HHS-WC-AL | Y | N | N | N | N | N | N | | | |
| 10 | Bottle Filler | Auditorium Lobby | HHS-BF-AL | Y | N | Y | N | N | N | N | | | |
| 11 | Sink | Nurse Office | HHS-S-NO | Y | N | N | N | N | N | N | | | |
| 12 | Sink | Gym Con. stand | HHS-S1-GCS | Y | N | N | N | N | N | N | | | |
| 13 | Sink | Gym Con. stand | HHS-S2-GCS | Y | N | N | N | N | N | N | | | |
| 14 | Water Cooler | Outside Rm PE-2 | HHS-WC-PE2 | Y | N | N | N | N | N | N | | | |
| 15 | Bottle Filler | Outside Rm PE-2 | HHS-BF-PE2 | Y | N | Y | N | N | N | N | | | |
| 16 | Water cooler | C Wing Across Rm C-3 | HHS-WC-C3 | Y | N | N | N | N | N | N | | | |
| 17 | Bottle Filler | C Wing Across Rm C-3 | HHS-BF-C3 | Y | N | N | N | N | N | N | | | |
| 18 | Water cooler | Rm A14 | HHS-WC-A14 | Y | N | N | N | N | N | N | | | |
| 19 | Sink | Faculty Lounge A-19 | HHS-BB-A19 | Y | N | N | N | N | N | N | | | |
| 20 | Ice Machine | Health Room | HHS-IM-HR | Y | N | N | N | N | N | N | | | |
| 20A | Bottle Filler | Health Room | HHS-BF-HR | Y | N | N | N | N | N | N | | | |
| 21 | Water cooler | Outside A-20 | HHS-WC-A20 | Y | N | N | N | N | N | N | | | |
| 22 | Bottle Filler | Outside A-20 | HHS-BF-A20 | Y | N | N | N | N | N | N | | | |
| 23 | Bubbler | Home EC | HHS-BB-HE-A | Y | N | N | N | N | N | N | | | |
| 24 | Sink | Home EC | HHS-S-HE-A | Y | N | N | N | N | N | N | | | |
| 25 | Bubbler | Home EC | HHS-BB-HE-B | Y | N | N | N | N | N | N | | | |
| 26 | Sink | Home EC | HHS-S-HE-B | Y | N | N | N | N | N | N | | | |
| 27 | Bubbler | Home EC | HHS-BB-HE-C | Y | N | N | N | N | N | N | | | |
| 28 | Sink | Home EC | HHS-S-HE-C | Y | N | N | N | N | N | N | | | |
| 29 | Bubbler | Home EC | HHS-BB-HE-D | Y | N | N | N | N | N | N | | | |
| 30 | Sink | Home EC | HHS-S-HE-D | Y | N | N | N | N | N | N | | | |
| 31 | Bubbler | Home EC | HHS-BB-HE-E | Y | N | N | N | N | N | N | | | |
| 32 | Sink | Home EC | HHS-S-HE-E | Y | N | N | N | N | N | N | | | |
| 33 | Bubbler | Home EC | HHS-BB-HE-F | Y | N | N | N | N | N | N | | | |
| 34 | Sink | Home EC | HHS-S-HE-F | Y | N | N | N | N | N | N | | | |
| | | | | | | | | | | | | | |

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: | 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 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.