



Environmental Health Investigations, Inc.

655 West Shore Trail
Sparta, New Jersey 07871

Phone/Fax: 973-729-5649
www.ehi-inc.com

June 29, 2021

Ms. Amanda Poole
KIPP: Cooper Norcross, Inc.
60 Park Place
Newark, NJ 07102

[Email:APoole@kippnj.org](mailto:APoole@kippnj.org)

Re: Lead in Drinking Water Re-Testing
Kipp Sumner High School, Camden, NJ
EHI Project #: 1289-9244

Dear Ms. Poole:

Enclosed is our report of findings pertaining to the water sampling conducted at the KIPP Sumner High School located at 1600 South 8th Street in Camden, NJ on June 17, 2021.

Please let us know if you have any questions.

Very truly yours,

Paris Grimm

Paris Grimm
Industrial Hygienist



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REPORT OF FINDINGS

Drinking Water Followup Sampling

Conducted At:

**KIPP: Sumner High School
1600 South 8th Street
Camden, NJ**

**Testing Conducted: June 17, 2021
Report Date: June 29, 2021**

EHI Project #: 1289-9244

1.0 Introduction

Environmental Health Investigations, Inc. (EHI) was retained by the KIPP: Cooper Norcross, Inc. to conduct follow-up water sampling at their Sumner High School facility located at 1600 South 8th Street in Camden, New Jersey. This followup testing was conducted by EHI’s Paris Grimm on June 17, 2021, in response to EHI’s testing on April 13 & May 11, 2021.

2.0 Methods

EHI previously surveyed the facility and identified 15 water faucets used for drinking and/or food preparation. Upon sampling of these 15 faucets, detectable lead levels were found in the Cafeteria/Kitchen North & South Sinks. EHI preformed follow-up testing of these two locations. To perform this sampling in accordance with the New Jersey - Department of Environmental Protection (NJ-DEP) Sampling for Lead in Drinking Water in Schools guidance, EHI collected “first draw” at each location. In accordance with the NJ-DEP guidance, only the cold water was tested.

First draw samples collect the water after immediately turning on the cold water faucet. These samples are designed to capture lead content in the plumbing pipes and fixtures after the water has not been used for at least 8 hours but no more than 48 hours.

Samples were analyzed by New Jersey certified drinking water laboratory, EMSL Analytical located in Cinnaminson, New Jersey (Lab #:03036) in accordance with EPA Method 200.8 for Lead. Laboratory analytical results are attached as Appendix A of this report.

3.0 Results

Sample ID	Location	Lead ug/L
KHS-061721-1	Basement: Cafeteria South Sink - 1 st Draw	ND
KHS-061721-2	Basement: Cafeteria North Sink - 1 st Draw	ND

Sample ID	Location	Lead ug/L
The Reporting Limit (RL) for all collected and analyzed samples is 1.0 µg/L		
ND: Indicates that the analyte was not detected at the reporting limit		
Emboldened Result: Indicates that the analyte was detected above the 15 µg/L		

4.0 Discussion of Results:

The New Jersey Drinking Water Standards have action levels for lead at 15 µg/L. Samples collected on April 13 & May 11, 2021 from the Cafeteria North and South Sinks were found to have elevated lead levels in excess of the NJ Drinking Water Standard. Anecdotal evidence ascertained by interviewing the facilities staff suggests that these sinks are not used since the cafeteria is not being used at the moment. Both the North and South Sinks in the Basement Cafeteria appear to have “dead leg” plumbing lines of approximately 10 to 20 feet feeding them. Dead leg plumbing lines refer to plumbing lines that are not regularly flushed unless the associated faucet is turned on.

In order to determine if the elevated levels are symptomatic of further issues, EHI returned to the site to retest the water in the Cafeteria sinks. Samples collected on June 17, 2021 from the Kitchen North and South Sinks were found to have no detectable levels of lead in water. EHI was informed that the sinks had been flushed 48 hours prior to our testing.

5.0 Recommendations:

EHI recommends that a periodic flushing plan be implemented for all 15 faucets and water fountains, allowing the water to be flushed from the system on a weekly basis while the school is under limited occupancy for summer or Covid-19 related restrictions.

**KIPP Sumner High School
1600 South 8th Street
Camden, NJ**

**Lead in Drinking Water Sampling
June 17, 2021
EHI Project #: 1289-9244**

Sampling & Report By:

Paris Grimm

Paris Grimm
Industrial Hygienist

Reviewed By:

William S. Kerbel

William S. Kerbel, CIH
President

**KIPP Sumner High School
1600 South 8th Street
Camden, NJ**

**Lead in Drinking Water Sampling
June 17, 2021
EHI Project #: 1289-9244**

A P P E N D I X

A

EMSL Analytical, Inc. - Laboratory Report



EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077

Phone: (856) 303-2500 Fax: (856) 858-4571 Email: EnvChemistry2@emsl.com

Attn:

**Paris Grimm
Environmental Health Investigations, Inc.
655 West Shore Trail
Sparta, NJ 07871**

6/22/2021

Phone: (973) 729-5649
Fax: (973) 729-5649

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 6/17/2021. The results are tabulated on the attached data pages for the following client designated project:

1289-9244

The reference number for these samples is EMSL Order #012106555. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (856) 303-2500.

Approved By:

Phillip Worby, Environmental Chemistry
Laboratory Director



The test results contained within this report meet the requirements of NELAP and/or the specific certification program that is applicable, unless otherwise noted.
NELAP Certifications: NJ 03036, NY 10872, PA 68-00367, CA ELAP 1877

The samples associated with this report were received in good condition unless otherwise noted. This report relates only to those items tested as received by the laboratory. The QC data associated with the sample results meet the recovery and precision requirements established by the NELAP, unless specifically indicated. All results for soil samples are reported on a dry weight basis, unless otherwise noted. This report may not be reproduced except in full and without written approval by EMSL Analytical, Inc.

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077
 Phone/Fax: (856) 303-2500 / (856) 858-4571
<http://www.EMSL.com> EnvChemistry2@emsl.com

EMSL Order: 012106555
 CustomerID: EHII50
 CustomerPO:
 ProjectID:

Attn: **Paris Grimm**
Environmental Health Investigations, Inc.
655 West Shore Trail
Sparta, NJ 07871

Phone: (973) 729-5649
 Fax: (973) 729-5649
 Received: 6/17/2021 11:15 AM

Project: 1289-9244

Analytical Results

Client Sample Description KHS-061721-1 **Collected:** 6/17/2021 **Lab ID:** 012106555-0001
 Basement - Cafeteria South Sink - First 8:50:00 AM

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/18/2021 VD	6/18/2021 VD 15:17

Client Sample Description KHS-061721-2 **Collected:** 6/17/2021 **Lab ID:** 012106555-0002
 Basement - Cafeteria North Sink - First 8:51:00 AM

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/18/2021 VD	6/18/2021 VD 15:18

Definitions:

- MDL - method detection limit
- J - Result was below the reporting limit, but at or above the MDL
- ND - indicates that the analyte was not detected at the reporting limit
- RL - Reporting Limit (Analytical)
- D - Dilution Sample required a dilution which was used to calculate final results

EMSL Analytical, Inc.
200 Rt. 130 N
Cinnaminson, NJ 08077

PHONE: (800) 220-3675
EMAIL: EnvChemistry2@EMSL.com

Environmental Chemistry Chain of Custody

EMSL Order Number / Lab Use Only

012106555

EMSL ANALYTICAL, INC.

Customer Information

Customer ID: _____

Company Name: EHI, INC.
 Contact Name: Paris Grimm
 Street Address: 655 West Shore Trail
 City, State, Zip: Sparta, NJ 07871
 Phone: 973-729-5649
 Email(s) for Report: pgrimm@ehi-inc.com

Billing Information

Billing ID: _____

Company Name: EHI
 Billing Contact: Tracy Burrato
 Street Address: Same
 City, State, Zip: _____
 Phone: 973-729-5649
 Email(s) for Invoice: tburrato@ehi-inc.com

Project Name/No: 1289-9244

EMSL LIMS Project ID: _____

State of Connecticut (CT) must select project location:
 Residential (Non-Taxable) Commercial (Taxable) State Reporting Required? Yes No

US State where samples collected: NJ

PWS ID: _____

Other (Specify) _____

Samples for Compliance? Yes No If Yes, for NPDES? Yes No

Samples Received Chilled? Yes No

Sample(s) Temperature Upon Receipt (LAB ONLY) _____

Sampled By Name: Paris Grimm

Sampled By Signature: [Signature]

Standard Turn-Around-Time: 2 Weeks

Client: CLIENT

EMSL Client

Number of Samples in Shipment: 2

The following TAT's are subject to Lab approval. Call lab to confirm TAT before submittal.

Turn-Around-Time (TAT)	1 Week	2 Weeks	3 Days	4 Days	1 Day
1 Week	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2 Weeks	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3 Days	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4 Days	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
1 Day	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

List Test(s) Needed (Write in test below, then check on sample line.)

Client Sample ID	Date / Time Collected	Matrix	Preservative	Test 1	Test 2	Test 3	Test 4	Test 5	Test 6	Test 7	Test 8	Comments
<u>KHS-061721-1</u>	<u>0850 06/17/21</u>	<u>Water</u>	<u>2 HNO3</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<u>See attached field data sheet</u>
<u>-2</u>	<u>0854</u>	<u>Water</u>	<u>2</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Special Instructions and/or Regulatory Requirements (Sample Specifications, Processing Methods, Limits of Detection, etc.)

Reporting Requirements: Results Only Results and QC Reduced Deliverables Hz results EDD Excel Other (Describe Above)

Method of Shipment: hand delivered by client

Relinquished by: Paris Grimm Date/Time: 06/17/21 19:30 AM

Relinquished by: [Signature] Date/Time: 06/17/21 11:15

Received by: [Signature] Date/Time: 6-17-21 9:25 AM

Received by: [Signature] Date/Time: 6/17/21 11:15

Controlled Document - COC-07 Chemistry R11 02/26/2021 AGREE TO ELECTRONIC SIGNATURE (By checking, I consent to signing this Chain of Custody document by electronic signature.)

EMSL Analytical, Inc.'s Laboratory Terms and Conditions are incorporated into this Chain of Custody by reference in their entirety. Submission of samples to EMSL Analytical, Inc. constitutes acceptance and acknowledgment of all terms and conditions by the customer.

received preserved DS 6/17