



Environmental Health Investigations, Inc.

655 West Shore Trail
Sparta, New Jersey 07871

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

January 11, 2024

Mr. Michael DiCiano
KCNA Regional Facilities Manager
KIPP NJ
60 Park Place
Newark, NJ 07102

Email: MdiCiano@kippnj.org

Re: Lead in Drinking Water Sampling - Follow-up Sampling
KIPP Hatch Middle School
1875 Park Boulevard, Camden NJ 08103
EHI Project #: 1289-10719A

Dear Mr. DiCiano:

Enclosed is our report of findings pertaining to the follow-up water testing conducted at the KIPP - Hatch Middle School facility located at 1875 Park Boulevard in Camden, New Jersey.

Thank you for the opportunity to provide our services. Should you have any questions, please do not hesitate to contact me.

Very truly yours,

William P. Kerbel

William P. Kerbel
NJ DHSS Lead Inspector/Risk Assessor # 037008

Cc: Mitch Cooper - mcooper@kippnj.org



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REPORT OF FINDINGS

Lead in Drinking Water Sampling - Follow-Up Testing

Conducted At:

**KIPP - Hatch Middle School
1875 Park Boulevard
Camden, NJ 08103**

Conducted For:

**Mr. Michael DiCiano
KCNA Regional Facilities Manager
KIPP NJ
60 Park Place
Newark, NJ 07102**

**Original Testing Performed: September 8, 2023
Follow-Up Testing Performed: December 5, 2023
Report Dated: January 11, 2024**

EHI Project #: 1289-10719A

**KIPP - Hatch Middle School
1875 Park Boulevard
Camden, NJ**

**Lead in Drinking Water Follow-Up Testing
December 5, 2023
EHI Project #: 1289-10719A**

1.0 Introduction

Environmental Health Investigations, Inc. (EHI) was retained by KIPP NJ to conduct water sampling at the KIPP - Hatch Middle School facility located at 1875 Park Boulevard in Camden, New Jersey. Testing was conducted to meet the requirements set forth by the New Jersey Department of Education for Testing of Lead in School Drinking Water.

Samples were collected by EHI's William P. Kerbel (NJ DHSS Permit #: 037008) on September 8, 2023 in accordance with the Testing of Lead in School Drinking Water Rules found in N.J.A.C 6A:26-12.4. All water sources that were tested for in the facility on September 8, 2023 indicated conformance with NJ Drinking Water Standards except for the "1st Floor: Kitchen - Hand Washing Sink next to 101E Walk-In Freezer (Cold, First Draw)" and the "1st Floor: Kitchen Hand Washing Sink next to Dishwashing Sink (Cold, First Draw)". As a result, these water sources were removed from service with signage posted to indicate that the outlets should not be used for food preparation or drinking water.

William P. Kerbel of EHI returned to the site on December 5, 2023 to re-test the water sources that were not in conformance with NJ Drinking Water Standards.

2.0 Methods

Follow-up samples were collected by EHI's William P. Kerbel (NJ DHSS Permit #: 037008) on December 5, 2023. The samples were analyzed for the following parameters:

Lead - Method 200.8

The samples were collected in accordance with the Testing of Lead in School Drinking Water Rules found in N.J.A.C 6A:26-12.4. All sample locations are labeled on the map

**KIPP - Hatch Middle School
1875 Park Boulevard
Camden, NJ**

**Lead in Drinking Water Follow-Up Testing
December 5, 2023
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attached as *Appendix A* of this report. All samples were analyzed by New Jersey certified drinking water laboratory, EMSL Analytical Laboratory (Lab #03036) located in Cinnaminson, New Jersey. Laboratory analytical results are attached as *Appendix B* of this report.

3.0 Results

Sample ID	Location	Lead ug/L
HMK-120523-1	1 st Floor: Kitchen - Hand Washing Sink next to Dishwashing Sink (Cold, First Draw)	37.4
HMK-120523-2	1 st Floor: Kitchen - Hand Washing Sink next to 101E Walk-In Freezer (Cold, First Draw)	70.5
Highlighted results indicate results in excess of the NJ Drinking Water Standard		

The New Jersey Drinking Water Standards have action levels for lead at 15 µg/L. The samples collected on December 5, 2023 from the “1st Floor: Kitchen - Handwashing Sink next to 101E Walk-In Freezer (Cold, First Draw)” and the “1st Floor: Kitchen Handwashing Sink next to Dishwashing Sink (Cold, First Draw)” were found again to have lead in excess of the NJ Drinking Water Standard. These water sources were immediately flushed and use was discontinued with signage posted to indicate that the outlets should not be used for food preparation or drinking water.

4.0 Discussion of Results

The New Jersey Drinking Water Standards have action levels for lead at 15 µg/L. All water sources that were tested for in the facility on September 8, 2023 and December 5, 2023 indicate conformance with NJ Drinking Water Standards except for the “1st Floor: Kitchen - Handwashing Sink next to 101E Walk-In Freezer (Cold, First Draw)” and the “1st Floor: Kitchen Handwashing Sink next to Dishwashing Sink (Cold, First Draw)”. As a result, these water

**KIPP - Hatch Middle School
1875 Park Boulevard
Camden, NJ**

**Lead in Drinking Water Follow-Up Testing
December 5, 2023
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sources were removed from service with signage posted to indicate that the outlets should not be used for food preparation or drinking water. These outlets should remain discontinued from use for food preparation or drinking water until remedial action is taken and successful retesting is performed.

Sampling & Report By: William P. Kerbel
William P. Kerbel
Project Manager

Reviewed By: William S. Kerbel
William S. Kerbel, CIH
President

**KIPP - Hatch Middle School
1875 Park Boulevard
Camden, NJ**

**Lead in Drinking Water Follow-Up Testing
December 5, 2023
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A P P E N D I X

A

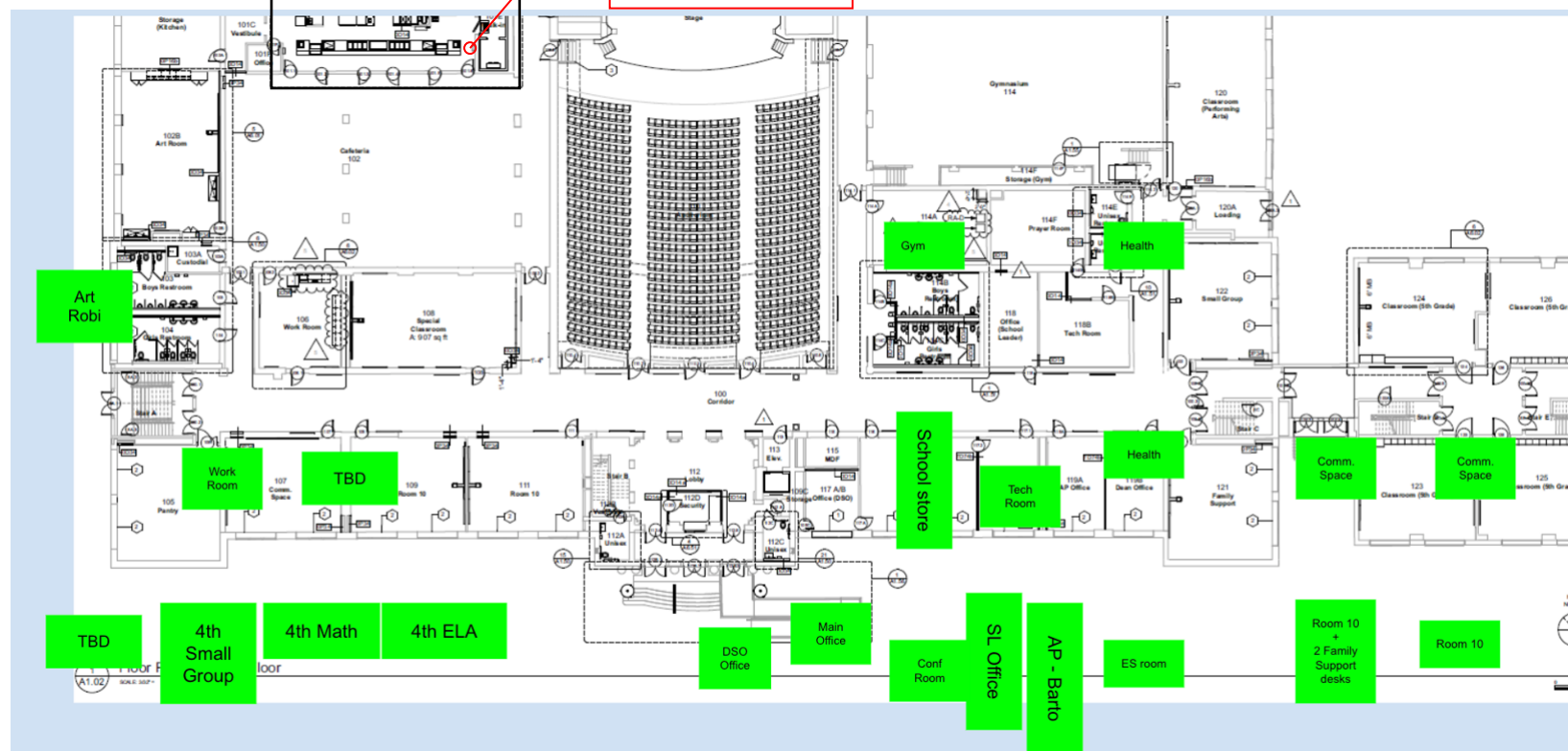
Sample Location Drawing

HMK-120523-1

1st Floor

KITCHEN

HMK-120523-2



LEGEND

Sample Location (Failure)



Lead In Drinking Water Sampling Locations: Follow-Up

EHI Project #: 1289-10719A
Sampling Date: DECEMBER 5, 2023
Drawing Date: JANUARY 11, 2023

PREPARED BY:



Environmental Health Investigations, Inc.
655 West Shore Trail
Sparta, NJ 07871
Tel. 973.729.5649
www.ehi-inc.com

1st Floor

1875 PARK BLVD, CAMDEN NJ
Sample Locations

SITE LOCATION:

KIPP HATCH MIDDLE SCHOOL
1875 PARK BOULEVARD
CAMDEN, NJ 08103

**KIPP - Hatch Middle School
1875 Park Boulevard
Camden, NJ**

**Lead in Drinking Water Follow-Up Testing
December 5, 2023
EHI Project #: 1289-10719A**

A P P E N D I X

B

EMSL Analytical Laboratory (Lab #03036) - Laboratory Report

**EMSL Analytical, Inc.**

200 Route 130, Cinnaminson, NJ, 08077
Telephone: 856-858-4800 Fax:856-786-5974
EMSL-CIN-01

EMSL Order ID: 012366701**LIMS Reference ID:** AB66701**EMSL Customer ID:** EHII50

Attention: William S. Kerbel, CIH
Environmental Health Investigations, Inc. [EHII50]
655 West Shore Trail
Sparta, NJ 07871
(973) 729-5649
bkerbel@ehi-inc.com

Project Name: KIPP Hatch Middle School-Camden NJ
-1289-10719A

Customer PO:
EMSL Sales Rep: Josh Silverman
Received: 12/05/2023 09:00
Reported: 12/13/2023 18:01

Analytical Results

Analyte	Result	Q	DF	RL	Units	Prepared Date/Time	Analyzed Date/Time	Analyst Initials	Prep /Analytical Method
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Sample: HMK-120523-1/Kitchen-Handwash Sink next **Lims Reference ID:** AB66701-01 **Matrix:** Drinking Water **Sampled:** 12/05/23 06:04:00

Metals

Lead	37.4	1	1.00	µg/L	12/11/23 15:11	12/12/23 17:27	JW1	EPA 200.8 (Dig)/EPA 200.8
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Sample: HMK-120523-2/Kitchen-Handwashing Sink ne **Lims Reference ID:** AB66701-02 **Matrix:** Drinking Water **Sampled:** 12/05/23 06:08:00

Metals

Lead	70.5	1	1.00	µg/L	12/08/23 12:26	12/11/23 13:09	LXK	EPA 200.8 (DA)/EPA 200.8
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EMSL-CIN-01

EMSL Order ID: 012366701**LIMS Reference ID:** AB66701**EMSL Customer ID:** EHII50

Attention: William S. Kerbel, CIH
Environmental Health Investigations, Inc. [EHII50]
655 West Shore Trail
Sparta, NJ 07871
(973) 729-5649
bkerbel@ehi-inc.com

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-1289-10719A

Customer PO:
EMSL Sales Rep: Josh Silverman
Received: 12/05/2023 09:00
Reported: 12/13/2023 18:01

Certified Analyses included in this Report

Analyte	Certifications
<i>EPA 200.8 in Drinking Water</i>	
Lead	NJDEP

List of Certifications

Code	Description	Number	Expires
PADEP	Pennsylvania Department of Environmental Protection	68-00367	11/30/2023
NYSDOH	New York State Department of Health	10872	04/01/2024
NJDEP	New Jersey Department of Environmental Protection	03036	06/30/2024
MADEP	Massachusetts Department of Environmental Protection	M-NJ337	06/30/2024
CTDPH	Connecticut Department of Public Health	PH-0270	06/23/2024
California ELAP	California Water Boards	1877	06/30/2024
AIHA LAP	EMSL Analytical, Inc. Cinnaminson, NJ AIHA-LAP, LLC-ELLAP Accredited	100194	01/01/2025
A2LA	A2LA Environmental Certificate	2845.01	07/31/2024

Please see the specific Field of Testing (FOT) on www.emsl.com <<http://www.emsl.com>> for a complete listing of parameters for which EMSL is certified.

**EMSL Analytical, Inc.**

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Telephone: 856-858-4800 Fax: 856-786-5974
EMSL-CIN-01

EMSL Order ID: 012366701**LIMS Reference ID:** AB66701**EMSL Customer ID:** EHII50

Attention: William S. Kerbel, CIH
Environmental Health Investigations, Inc. [EHII50]
655 West Shore Trail
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Project Name: KIPP Hatch Middle School-Camden NJ
-1289-10719A

Customer PO:
EMSL Sales Rep: Josh Silverman
Received: 12/05/2023 09:00
Reported: 12/13/2023 18:01

Notes and Definitions

Item	Definition
D	Analyte was reported from a dilution run.
(Dig)	For metals analysis, sample was digested.
[2C]	Reported from the second channel in dual column analysis.
DF	Dilution Factor
MDL	Method Detection Limit.
ND	Analyte was NOT DETECTED at or above the detection limit.
Q	Qualifier
RL	Reporting Limit

Measurement of uncertainty and any applicable definitions of method modifications are available upon request. Per EPA NLLAP policy, sample results are not blank corrected.

Owen McKenna Laboratory Manager or other approved signatory

EMSL maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. Samples are within quality control criteria and met method specifications unless otherwise noted."



EMSL ANALYTICAL, INC.
TESTING LABS • PRODUCTS • TRAINING

Lead Chain of Custody

EMSL Order Number / Lab Use Only

EMSL Analytical, Inc.
200 Route 130 North
Cinnaminson, NJ 08077

PHONE: (800) 220-3675

EMAIL: CinnaminsonLeadLab@emsl.com

ABW01

Customer Information Customer ID: _____ Company Name: <u>EHI, Inc.</u> Contact Name: <u>B. Kerbel</u> Street Address: <u>655 W. Shore Trail</u> City, State, Zip: <u>Sparta, NJ 07871</u> Country: <u>US</u> Phone: <u>862-268-4914</u> Email(s) for Report: <u>wpkkerbel@ehi-inc.com</u>		Billing Information Billing ID: _____ Company Name: _____ Billing Contact: _____ Street Address: <u>Same</u> City, State, Zip: _____ Country: _____ Phone: _____ Email(s) for Invoice: _____	
Project Information			
Project Name/No: <u>KIPP Hatch Middle School - Camden NJ: 1289-107194</u> EMSL LIMS Project ID: _____ (If applicable, EMSL will provide)		Purchase Order: _____ US State where samples collected: <u>NJ</u> State of Connecticut (CT) must select project location: <input type="checkbox"/> Commercial (Taxable) <input type="checkbox"/> Residential (Non-Taxable)	
Sampled By Name: <u>William P. Kerbel</u>		Sampled By Signature: <u>W.P. Kerbel</u>	
		No. of Samples in Shipment: <u>2</u>	
Turn-Around-Time (TAT)			
<input type="checkbox"/> 3 Hour <input type="checkbox"/> 6 Hour <input type="checkbox"/> 24 Hour <input type="checkbox"/> 32 Hour <input type="checkbox"/> 48 Hour <input type="checkbox"/> 72 Hour <input type="checkbox"/> 96 Hour <input checked="" type="checkbox"/> 1 Week <input type="checkbox"/> 2 Week			
Please call ahead for large projects and/or turnaround times 6 Hours or Less. *32 Hour TAT available for select tests only; samples must be submitted by 11:30am			
MATRIX	METHOD	INSTRUMENT	REPORTING LIMIT
CHIPS <input type="checkbox"/> % by wt. <input type="checkbox"/> ppm (mg/kg) <input type="checkbox"/> mg/cm ² *Reporting Limit based on a minimum 0.25g sample weight. **Not appropriate for Ceramic Tiles - XRF is recommended	SW 846-7000B	Flame Atomic Absorption	0.008% (80ppm)
	SW 846-6010D*	ICP-OES	0.0004% (4ppm)
	NIOSH 7082	Flame Atomic Absorption	4µg/filter
AIR	NIOSH 7300M / NIOSH 7303M	ICP-OES	0.5µg/filter
	NIOSH 7300M / NIOSH 7303M	ICP-MS	0.05µg/filter
WIPE <input type="checkbox"/> ASTM <input type="checkbox"/> NON-ASTM *If no box is checked, non-ASTM Wipe is assumed	SW 846-7000B	Flame Atomic Absorption	10µg/wipe
	SW 846-6010D*	ICP-OES	1.0µg/wipe
TCLP	SW 846-1311 / 7000B / SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)
	SW 846-1311 / SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)
SPLP	SW 846-1312 / 7000B / SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)
	SW 846-1312 / SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)
TTLC	22 CCR App. II, 7000B	Flame Atomic Absorption	40mg/kg (ppm)
	22 CCR App. II, SW 846-6010D*	ICP-OES	2mg/kg (ppm)
STLC	22 CCR App. II, 7000B	Flame Atomic Absorption	0.4 mg/L (ppm)
	22 CCR App. II, SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)
Soil	SW 846-7000B	Flame Atomic Absorption	40mg/kg (ppm)
	SW 846-6010D*	ICP-OES	2mg/kg (ppm)
Wastewater	SM 3111B / SW 846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)
Unpreserved <input type="checkbox"/>			
Preserved with HNO ₃ <input type="checkbox"/> PH<2	EPA 200.7	ICP-OES	0.020 mg/L (ppm)
Drinking Water	EPA 200.5	ICP-OES	0.003 mg/L (ppm)
Unpreserved <input type="checkbox"/>			
Preserved with HNO ₃ <input checked="" type="checkbox"/> PH<2	EPA 200.8	ICP-MS	0.001 mg/L (ppm)
TSP/SPM Filter	40 CFR Part 50	ICP-OES	12 µg/filter
Other: _____	_____	_____	_____

Sample Number	Sample Location	Volume / Area	Date / Time Sampled
1 HMK-120523-1	Kitchen-Handwash Sink next to Dishwashing Station	N/A	12/5/23 - 0604
2 HMK-120523-2	Kitchen - Handwashing Sink next to Walk-in Freezer #101E	N/A	12/5/23 - 0608

Method of Shipment: <u>Courier</u>		Sample Condition Upon Receipt: _____	
Relinquished by: <u>W.P. Kerbel</u>	Date/Time: <u>12/5/23 - 0645</u>	Received by: <u>Colleen Palladino</u>	Date/Time: <u>12/5/23 9AM</u>
Relinquished by: _____	Date/Time: _____	Received by: <u>DB</u>	Date/Time: _____

Controlled Document - COC-25 Lead R17 05/09/2022

*6010C Available Upon Request

☒ 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

HNO₃ added @ 9:50 AM 12/5/23



EMSL ANALYTICAL, INC.
TESTING LABS • PRODUCTS • TRAINING

Lead Chain of Custody

EMSL Order Number / Lab Use Only

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Cinnaminson, NJ 08077

PHONE: (800) 220-3675

EMAIL: CinnaminsonLeadLab@emsl.com

ABW01

Customer Information	Customer ID:	Billing ID:
	Company Name: <i>EHI, Inc</i>	Company Name:
	Contact Name: <i>B. Kerbel</i>	Billing Contact:
	Street Address: <i>655 W. Shore Trail</i>	Street Address: <i>Same</i>
	City, State, Zip: <i>Sparta, NJ 07871</i> Country: <i>US</i>	City, State, Zip: Country:
	Phone: <i>862-684-914</i>	Phone:
Email(s) for Report: <i>wkerbel@ehi-inc.com</i>	Email(s) for Invoice:	

Project Information	
Project Name/No: <i>KIPP Hatch Middle School - Camden NJ: 1289-107194</i>	Purchase Order:
EMSL LIMS Project ID: (if applicable, EMSL will provide)	US State where samples collected: <i>NJ</i> State of Connecticut (CT) must select project location: <input type="checkbox"/> Commercial (Taxable) <input type="checkbox"/> Residential (Non-Taxable)
Sampled By Name: <i>William P. Kerbel</i>	Sampled By Signature: <i>W.P. Kerbel</i> No. of Samples in Shipment: <i>2</i>

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<input type="checkbox"/> 3 Hour <input type="checkbox"/> 6 Hour <input type="checkbox"/> 24 Hour <input type="checkbox"/> 32 Hour <input type="checkbox"/> 48 Hour <input type="checkbox"/> 72 Hour <input type="checkbox"/> 96 Hour <input checked="" type="checkbox"/> 1 Week <input type="checkbox"/> 2 Week	

MATRIX	METHOD	INSTRUMENT	REPORTING LIMIT	SELECTION
CHIPS <input type="checkbox"/> % by wt. <input type="checkbox"/> ppm (mg/kg) <input type="checkbox"/> mg/cm ² *Reporting Limit based on a minimum 0.25g sample weight. **Not appropriate for Ceramic Tiles - XRF is recommended	SW 846-7000B	Flame Atomic Absorption	0.008% (80ppm)	<input type="checkbox"/>
	SW 846-6010D*	ICP-OES	0.0004% (4ppm)	<input type="checkbox"/>
	NIOSH 7082	Flame Atomic Absorption	4µg/filter	<input type="checkbox"/>
AIR	NIOSH 7300M / NIOSH 7303M	ICP-OES	0.5µg/filter	<input type="checkbox"/>
	NIOSH 7300M / NIOSH 7303M	ICP-MS	0.05µg/filter	<input type="checkbox"/>
WIPE <input type="checkbox"/> ASTM <input type="checkbox"/> NON-ASTM *If no box is checked, non-ASTM Wipe is assumed	SW 846-7000B	Flame Atomic Absorption	10µg/wipe	<input type="checkbox"/>
	SW 846-6010D*	ICP-OES	1.0µg/wipe	<input type="checkbox"/>
TCLP	SW 846-1311 / 7000B / SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	SW 846-1311 / SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)	<input type="checkbox"/>
SPLP	SW 846-1312 / 7000B / SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	SW 846-1312 / SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)	<input type="checkbox"/>
TTLIC	22 CCR App. II, 7000B	Flame Atomic Absorption	40mg/kg (ppm)	<input type="checkbox"/>
	22 CCR App. II, SW 846-6010D*	ICP-OES	2mg/kg (ppm)	<input type="checkbox"/>
STLC	22 CCR App. II, 7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	22 CCR App. II, SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)	<input type="checkbox"/>
Soil	SW 846-7000B	Flame Atomic Absorption	40mg/kg (ppm)	<input type="checkbox"/>
	SW 846-6010D*	ICP-OES	2mg/kg (ppm)	<input type="checkbox"/>
Wastewater	SM 3111B / SW 846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
Unpreserved <input type="checkbox"/>	EPA 200.7	ICP-OES	0.020 mg/L (ppm)	<input type="checkbox"/>
Preserved with HNO ₃ <input type="checkbox"/> PH-2	EPA 200.5	ICP-OES	0.003 mg/L (ppm)	<input type="checkbox"/>
Drinking Water	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	<input checked="" type="checkbox"/>
Unpreserved <input type="checkbox"/>				<input type="checkbox"/>
Preserved with HNO ₃ <input checked="" type="checkbox"/> PH-2				<input type="checkbox"/>
TSP/SPM Filter	40 CFR Part 50	ICP-OES	12 µg/filter	<input type="checkbox"/>
Other:				<input type="checkbox"/>

Sample Number	Sample Location	Volume / Area	Date / Time Sampled
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Relinquished by:	Date/Time:	Received by: <i>DB</i>	Date/Time:

Controlled Document - CDC-25 Lead R17 05/09/2022

*6010C Available Upon Request



AGREE TO ELECTRONIC SIGNATURE (By checking, I consent to signing this Chain of Custody document by electronic signature.)

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HNO₃ added @ 9:50 AM 12/5/23