

LEAD IN DRINKING WATER SAMPLING

FOR

QUEEN CITY ACADEMY CHARTER SCHOOL 815 WEST 7TH STREET PLAINFIELD, NJ 07063

PROJECT 23-05-03T

PERFORMED BY

WHITMAN

June 2, 2023

LEAD IN DRINKING WATER SAMPLING QUEEN CITY ACADEMY CHARTER SCHOOL PLAINFIELD, NEW JERSEY

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ATTACHMENTS

Attachment 1 – Lead Sampling Results

LEAD IN DRINKING WATER SAMPLING QUEEN CITY ACADEMY CHARTER SCHOOL PLAINFIELD, NEW JERSEY

1.0 PROJECT BACKGROUND

There are three ways that lead can contaminate drinking water in school facilities, the water source, the plumbing material, or the actual drinking water outlet fixture. Most sources of drinking water (e.g. ground and surface water) have no lead, or very low levels of lead (i.e., under 5 micrograms per liter [µg/l] or parts per billion [ppb]). Once the drinking water leaves the public water supply system or treatment plant, it comes into contact with piping and plumbing materials that may contain lead. Some lead may get into the water from the distribution system – the network of pipes that carry the water to homes, businesses, and schools in the community. Some communities have lead components in their distribution systems, such as lead joints in cast iron mains, service connections, pigtails, and goosenecks. Even though a public water supplier may deliver water that meets all Federal and State public health standards for lead, there may be lead in the drinking water because of the plumbing in the school facility. Interior plumbing, soldered joints, leaded brass fittings, and various drinking water outlets that contain lead materials are the primary contributors of lead in drinking water. It is also important to note that brass plumbing components contain lead. Since 1986, all plumbing materials must be "lead-free". Although there is an increased probability that a given plumbing component installed prior to 1986 could contain more lead than the newer components, the occurrence of lead in drinking water cannot be predicted solely based on the age of the component or the school facility. The current law allows plumbing materials up to 0.25 percent lead to be labeled as "lead-free". However, prior to January 4, 2014, "lead-free" allowed up to 8 percent lead content of the wetted surfaces of plumbing products including those labeled National Sanitation Foundation (NSF) certified. The best way to determine if a school might have elevated levels of lead in its drinking water is by testing the drinking water in that school. Testing facilitates an evaluation of the plumbing materials and helps target appropriate remedial action. It is a key step in understanding the problem if there is one and designing an appropriate response.

2.0 SAMPLING/SCREENING METHODOLOGY

2.1 Purpose

Lead in a water sample taken from an outlet can originate from the outlet fixture (e.g. the faucet, bubbler etc.), plumbing upstream of the outlet fixture (e.g. pipe, joints, valves, fittings etc.), or it can already be in the water that is entering the facility. Sample results are then compared to assist in determining the sources of lead contamination and the appropriate corrective measures. Prior to sampling, Whitman ensured that outlets deviating from normal usage were flushed 8-48 hours prior to sampling.

Initial first draw samples are taken from drinking water outlets and food preparation outlets (e.g., bubblers, kitchen faucets) in the facility. These samples determine the lead content of water sitting in water outlets that are used for drinking or cooking within the building(s).

2.2 NJDEP Limits

If initial first draw test results reveal lead concentrations greater than 15 μ g/l (ppb) in a 250 mL sample for a given outlet, follow-up flush testing is required to determine if the lead contamination results are from the fixture or from interior plumbing.

3.0 LEAD IN DRINKING WATER SAMPLING RESULTS DISCUSSION

The summary of lead sample results is presented below. The sampling conducted was in compliance with NJDEP protocol and all samples were submitted to Integrated Analytical Laboratories (NJDEP NELAP #14751) under a completed Chain of Custody Form.

Outlet ID #	Sample Number	Date	Time	Lead Result μg/L							
	Queen City Academy Charter School										
S1-QCC	S1-QCC S1 5/18/2023 7:16 am										
S2-QCC	S2	5/18/2023	7:19 am	Non Detect							
Field Blank	FB	5/18/2023		<1.00							
Queen City Academy Charter High School											
S1-CDI	S1	5/18/2023	7:58 am	Non Detect							
S2-CDI	S2	5/18/2023	8:00 am	1.78							
Field Blank	FB	5/18/2023		<1.00							

4.0 CONCLUSIONS

All of the lead results were below the 15 µg/L New Jersey Action Level.

5.0 <u>LIMITATIONS, EXCEPTIONS AND ASSUMPTIONS</u>

Opinions and recommendations presented in this report apply to site conditions and features as they existed at the time of Whitman's site visit, and those reasonably foreseeable. They cannot necessarily apply to conditions and features of which Whitman is unaware and has not had the opportunity to evaluate.

The conclusions presented in this report are professional opinions based solely upon Whitman's visual observations of accessible areas, testing data, and current regulatory requirements. These conclusions are intended exclusively for the purpose state herein, at the sites indicated, and for the project indicated.

No expressed or implied representation or warranty is included or intended in our reports, except that our services were performed, within the limits prescribed by our client, with the customary thoroughness and competence of our profession.

Feel free to contact me at 732-390-5858 with any questions or if further clarification is needed.

Sincerely,

John Beaupre

Senior Vice President

Attachments

ATTACHMENT 1 LEAD SAMPLING RESULTS

EMSL

EMSL Analytical, Inc.

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

June 01, 2023

John Beaupre Whitman Companies, Inc. [WHIT53] 100 Franklin Square Dr.Suite 200 Somerset, NJ 08873

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 5/19/2023. The results are tabulated on the attached pages for the following client designated project:

EMSL Order ID: 012355915 LIMS Reference ID: AB55915

EMSL Customer ID: WHIT53

Queen City Academy Charter School

The reference number for these samples is EMSL Order #: <u>AB55915</u>. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact the lab at 856-858-4800.

Ch MM 15

Owen McKenna Laboratory Manager or other approved signatory

Table of Contents

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

EMSL-CIN-01

Attention: John Beaupre

Whitman Companies, Inc. [WHIT53] 100 Franklin Square Dr.Suite 200

Somerset, NJ 08873 (732) 390-5858

jbeaupre@whitmanco.com

EMSL Order ID: 012355915 LIMS Reference ID: AB55915 EMSL Customer ID: WHIT53

Project Name: Queen City Academy Charter School

 Customer PO:
 23-05-03T

 EMSL Sales Rep:
 Jeromy Bish

 Received:
 05/19/2023 09:00

 Reported:
 06/01/2023 23:12

Sample Condition on Receipt

Temperature:	°C
Υ	
Υ	
Υ	
Υ	
	Temperature: Y Y Y Y Y



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jbeaupre@whitmanco.com

EMSL Order ID: 012355915 LIMS Reference ID: AB55915

EMSL Customer ID: WHIT53

Project Name: Queen City Academy Charter School

Customer PO: 23-05-03T
EMSL Sales Rep: Jeromy Bish

Received: 05/19/2023 09:00 **Reported:** 06/01/2023 23:12

Samples in this Report

Lab ID	Sample	Matrix	Date Sampled	Date Received
AB55915-01	S1-QCC	Drinking Water	05/18/2023	05/19/2023
AB55915-02	S2-QCC	Drinking Water	05/18/2023	05/19/2023
AB55915-03	Trip Blank	Drinking Water	05/18/2023	05/19/2023



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EMSL Order ID: 012355915 LIMS Reference ID: AB55915

EMSL Customer ID: WHIT53

Project Name: Queen City Academy Charter School

Customer PO: 23-05-03T **EMSL Sales Rep:** Jeromy Bish

Received: 05/19/2023 09:00 **Reported:** 06/01/2023 23:12

Sample Results

Sample: S1-QCC

AB55915-01 (Drinking Water)

Analyte	Result	Q	DF I	RL	Units	Prepared Date/Time	Analyzed Date/Time	Prep/Analyst Initials	Prep Method	Analytical Method
Metals										
Lead	ND		1 1.0	0	μq/L	05/23/23 13:15	05/24/23 14:20	PL/AS	EPA 200.8	EPA 200.8



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EMSL Order ID: 012355915 LIMS Reference ID: AB55915 **EMSL Customer ID: WHIT53**

Queen City Academy Charter School

Customer PO: 23-05-03T **EMSL Sales Rep:** Jeromy Bish

Received: 05/19/2023 09:00 Reported: 06/01/2023 23:12

Sample Results

Project Name:

(Continued)

Sample: S2-QCC

AB55915-02 (Drinking Water)

Analyte	Result	Q	DF	RL	Units	Prepared Date/Time	Analyzed Date/Time	Prep/Analyst Initials	Prep Method	Analytical Method
Metals										
Lead	ND		1	1.00	μg/L	05/23/23 13:15	05/24/23 14:22	PL/AS	EPA 200.8	EPA 200.8



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jbeaupre@whitmanco.com

EMSL Order ID: 012355915 LIMS Reference ID: AB55915

EMSL Customer ID: WHIT53

Project Name: Queen City Academy Charter School

Customer PO: 23-05-03T **EMSL Sales Rep:** Jeromy Bish

Received: 05/19/2023 09:00 Reported: 06/01/2023 23:12

Sample Results

(Continued)

Sample: Trip Blank

AB55915-03 (Drinking Water)

Analyte	Result	Q	DF	RL	Units	Prepared Date/Time	Analyzed Date/Time	Prep/Analyst Initials	Prep Method	Analytical Method
Metals										
Lead	ND		1	1.00	μq/L	05/23/23 13:15	05/24/23 14:24	PL/AS	EPA 200.8	EPA 200.8



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Project Name: Queen City Academy Charter School

Customer PO: 23-05-03T **EMSL Sales Rep:** Jeromy Bish Received: 05/19/2023 09:00 Reported: 06/01/2023 23:12

Quality Control

Metals

Analyte	Result Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BBE0438 - EPA 200.8									
Blank (BBE0438-BLK1)				Prepared: 5/23	3/2023 Analyz	red: 5/24/202	23		
Lead	ND	1.00	μg/L						
LCS (BBE0438-BS1)				Prepared: 5/23	3/2023 Analyz	zed: 5/24/202	23		
Lead	10.1	1.00	μg/L	10.00		101	85-115		
LCS Dup (BBE0438-BSD1)				Prepared: 5/23	3/2023 Analyz	red: 5/24/202	23		
Lead	10.3	1.00	μg/L	10.00		103	85-115	2	200
Matrix Spike (BBE0438-MS1)	Source: A	AB55899-01		Prepared: 5/23	3/2023 Analyz	zed: 5/24/202	23		
Lead	11.1	1.00	μg/L	10.00	ND	111	70-130		
Matrix Spike (BBE0438-MS2)	Source: A	AB55917-02		Prepared: 5/23	3/2023 Analyz	red: 5/24/202	23		
Lead	11.0	1.00	μg/L	10.00	ND	110	70-130		
Matrix Spike Dup (BBE0438-MSD1)	Source: A	AB55899-01		Prepared: 5/23/2023 Analyzed: 5/24/2023					
Lead	11.2	1.00	μg/L	10.00	ND	112	70-130	1	20
Matrix Spike Dup (BBE0438-MSD2)	Source: A	AB55917-02		Prepared: 5/23	3/2023 Analyz	red: 5/24/202	23		
Lead	12.4	1.00	μg/L	10.00	ND	124	70-130	12	20



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 05/19/2023 09:00

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 06/01/2023 23:12

Certified Analyses included in this Report

Analyte CAS # Certifications

EPA 200.8 in Drinking Water

Lead 7439-92-1 NJDEP

List of Certifications

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

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



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 Customer PO:
 23-05-03T

 EMSL Sales Rep:
 Jeromy Bish

 Received:
 05/19/2023 09:00

Reported: 06/01/2023 23:12

Notes and Definitions

Item	Definition
[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
%REC	Percent Recovery
RPD	Relative Percent Difference
Source	Sample that was matrix spiked or duplicated

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



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EMSL Order Number / Lab Use Only

200 Rt. 130 N Cinnaminson, NJ 08077

PHO	manninaon
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(800)	A2 000
220-367	111

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 a	Relinquished by: Controlled Document - COC-07 Chemistry R11 02/26/2021	Relinquished by:	Reporting Requirements:		-	This Black	S2. acc	- QCC		Client Sample ID P C C		lurn-Around-Time (TAT) St	C. Grots	Samples Collected by (Check One):		(if applicable, EMSL will provide)	Name/No: Quee, City Acideny	Project Description Splender	Emails for Report: 570 - 5	to City, State, Lip: Somes of NJ	Street Address: 100 makely	Contact Name:	_		0
AGREE TO			Results Only	Special Instru		X 5/187:28	X 5/18 7:19	× 5/18 7:16		Date / Time		Standard Turn-Around-Time:		EMSL	No If Yes, for NPDES?		my Chete :	whatmanco.	S	\$ 08873	Quas Dr.	6			
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AGREE TO ELECTRONIC SIGNATURE (By checking, I consent to signing this Chain of Custody document by elective provided into this Chain of Custody by reference in their entirety. Submission of samples to EMSL Analytical, Inc. constitutes	Received by: ST COW	Sample Condition Upon Receipt	Reduced Deliverables	Special Instructions and/or Regulatory Requirements (Sample Specifications, Processing Methods, Limits of Detection, etc.)			*	×	Test	2:	List Test(s) Needed (Write in	The following TAT's are subject to Lab approval. Call lab to confirm TAT before submittal:		Yes X No	ar acify)	samples collected: NJ		Email(s) for Invoice:	Phone:	City, State, Zip:	nfor Street Address:	mati Billing Contact:	Company Name:	Billing ID:	フラン
by electronic signature.)	The Carlo		Hzresults EDD	ods, Limits of Detection, etc.)					Test	5:	rite in test below, then check on sample line:)	1. 1 Week 4 Days		Sample(s) Temperature Upon Receipt (LAB:ONLY)	PWS	State of Connecticut (CT) must select project location: Commercial (Taxable) Resider	Purchase Order 2					Saro			
Page 1 of 2	Date/Time /8. 2 Date/Time S///s/27 &		Excel Other (Describe Above)						Test 8	Comments	e line:)	s 3 Days 2 Days	No. of Samples in Shipment:		State Reporting Required?	select project location: Die) Residential (Non-Taxable)	73-05-03T			Country:				EMEATE: EURCHBIHBAN & COEMBEL CONT	EMAIL (800) 220-3675

5) 19123 gm (

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

EMSL Customer ID: WHIT53

EMSL Order ID: 012355916 LIMS Reference ID: AB55916

June 01, 2023

John Beaupre Whitman Companies, Inc. [WHIT53] 100 Franklin Square Dr. Suite 200 Somerset, NJ 08873

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 5/19/2023. The results are tabulated on the attached pages for the following client designated project:

CDI Hoadstart

The reference number for these samples is EMSL Order #: AB55916 . Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact the lab at 856-858-4800.

Ch MIM

Owen McKenna Laboratory Manager or other approved signatory

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Whitman Companies, Inc. [WHIT53] 100 Franklin Square Dr.Suite 200

Somerset, NJ 08873 (732) 390-5858

jbeaupre@whitmanco.com

LIMS Reference ID: AB55916 EMSL Customer ID: WHIT53

EMSL Order ID: 012355916

Project Name: CDI Hoadstart

Customer PO: 23-05-03T
EMSL Sales Rep: Jeromy Bish

Received: 05/19/2023 09:00 **Reported:** 06/01/2023 23:13

Sample Condition on Receipt

Cooler ID: Default Cooler	Temperature:	°C
Custody Seals	Υ	
Containers Intact	Υ	
COC/Labels Agree	Υ	
Preservation Confirmed	Υ	



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Somerset, NJ 08873 (732) 390-5858

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EMSL Order ID: 012355916 LIMS Reference ID: AB55916

EMSL Customer ID: WHIT53

Project Name: CDI Hoadstart

Customer PO: 23-05-03T EMSL Sales Rep: Jeromy Bish

Received: 05/19/2023 09:00 **Reported:** 06/01/2023 23:13

Samples in this Report

Lab ID	Sample	Matrix	Date Sampled	Date Received
AB55916-01	S1-CDI	Drinking Water	05/18/2023	05/19/2023
AB55916-02	S2-CDI	Drinking Water	05/18/2023	05/19/2023
AB55916-03	Trip Blank	Drinking Water	05/18/2023	05/19/2023



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

EMSL-CIN-01

Attention: John Beaupre

Whitman Companies, Inc. [WHIT53] 100 Franklin Square Dr.Suite 200

Somerset, NJ 08873 (732) 390-5858

jbeaupre@whitmanco.com

EMSL Order ID: 012355916 LIMS Reference ID: AB55916

EMSL Customer ID: WHIT53

Project Name: CDI Hoadstart

Customer PO:23-05-03TEMSL Sales Rep:Jeromy Bish

Received: 05/19/2023 09:00 **Reported:** 06/01/2023 23:13

Positive Hits Summary

Lab ID	Client ID				Sampled
AB55916-02	S2-CDI				05/18/23 08:00
Method	Analyte	Result	Qualifier	Unit	Analyzed
EPA 200.8	Lead	1.78		μg/L	05/24/2023 14:27



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EMSL Customer ID: WHIT53

EMSL Order ID: 012355916 LIMS Reference ID: AB55916

CDI Hoadstart

23-05-03T

Jeromy Bish

Customer PO: EMSL Sales Rep:

Project Name:

Received: 05/19/2023 09:00 **Reported:** 06/01/2023 23:13

Sample Results

Sample: S1-CDI

AB55916-01 (Drinking Water)

Analyte	Result	Q	DF	RL	Units	Prepared Date/Time	Analyzed Date/Time	Prep/Analyst Initials	Prep Method	Analytical Method
Metals										
Lead	ND		1	1.00	μg/L	05/23/23 13:15	05/24/23 14:25	PL/AS	EPA 200.8	EPA 200.8



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Somerset, NJ 08873 (732) 390-5858

jbeaupre@whitmanco.com

LIMS Reference ID: AB55916 **EMSL Customer ID: WHIT53**

EMSL Order ID: 012355916

CDI Hoadstart **Project Name:**

Customer PO: 23-05-03T **EMSL Sales Rep:** Jeromy Bish

Received: 05/19/2023 09:00 Reported: 06/01/2023 23:13

Sample Results

(Continued)

Sample: S2-CDI

AB55916-02 (Drinking Water)

Analyte	Result	Q	DF	RL	Units	Prepared Date/Time	Analyzed Date/Time	Prep/Analyst Initials	Prep Method	Analytical Method
Metals										
Lead	1.78		1	1.00	μg/L	05/23/23 13:15	05/24/23 14:27	PL/AS	EPA 200.8	EPA 200.8



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Somerset, NJ 08873 (732) 390-5858

jbeaupre@whitmanco.com

Project Name:

CDI Hoadstart

EMSL Order ID: 012355916 LIMS Reference ID: AB55916

EMSL Customer ID: WHIT53

Customer PO: 23-05-03T **EMSL Sales Rep:** Jeromy Bish

Received: 05/19/2023 09:00 **Reported:** 06/01/2023 23:13

Sample Results

(Continued)

Sample: Trip Blank

AB55916-03 (Drinking Water)

Analyte	Result	Q	DF	RL	Units	Prepared Date/Time	Analyzed Date/Time	Prep/Analyst Initials	Prep Method	Analytical Method
Metals										
Lead	ND		1	1.00	μg/L	05/23/23 13:15	05/24/23 14:29	PL/AS	EPA 200.8	EPA 200.8



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Somerset, NJ 08873 (732) 390-5858

jbeaupre@whitmanco.com

LIMS Reference ID: AB55916

EMSL Order ID: 012355916

EMSL Customer ID: WHIT53

Project Name:

CDI Hoadstart

Customer PO: 23-05-03T **EMSL Sales Rep:** Jeromy Bish

Received: 05/19/2023 09:00 Reported: 06/01/2023 23:13

Quality Control

Metals

Analyte	Result Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BBE0438 - EPA 200.8									
Blank (BBE0438-BLK1)			ı	Prepared: 5/23	/2023 Analyz	red: 5/24/20	23		
Lead	ND	1.00	μg/L						
LCS (BBE0438-BS1)			ı	Prepared: 5/23	/2023 Analyz	zed: 5/24/20	23		
Lead	10.1	1.00	μg/L	10.00		101	85-115		
LCS Dup (BBE0438-BSD1)			ı	Prepared: 5/23	/2023 Analyz	zed: 5/24/20	23		
Lead	10.3	1.00	μg/L	10.00		103	85-115	2	200
Matrix Spike (BBE0438-MS1)	Source: A	AB55899-01	ı	Prepared: 5/23	/2023 Analyz	zed: 5/24/20	23		
Lead	11.1	1.00	μg/L	10.00	ND	111	70-130		
Matrix Spike (BBE0438-MS2)	Source: A	AB55917-02	ı	Prepared: 5/23	/2023 Analyz	zed: 5/24/20	23		
Lead	11.0	1.00	μg/L	10.00	ND	110	70-130		
Matrix Spike Dup (BBE0438-MSD1)	Source: A	AB55899-01	ı	Prepared: 5/23	/2023 Analyz	zed: 5/24/20	23		
Lead	11.2	1.00	μg/L	10.00	ND	112	70-130	1	20
Matrix Spike Dup (BBE0438-MSD2)	Source: A	AB55917-02	ı	Prepared: 5/23	/2023 Analyz	red: 5/24/20	23		
Lead	12.4	1.00	μg/L	10.00	ND	124	70-130	12	20



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Project Name:

CDI Hoadstart

EMSL Order ID: 012355916 LIMS Reference ID: AB55916

EMSL Customer ID: WHIT53

Customer PO: 23-05-03T EMSL Sales Rep: Jeromy Bish Received: 05/19/2023

Received: 05/19/2023 09:00 **Reported:** 06/01/2023 23:13

Certified Analyses included in this Report

Analyte CAS # Certifications

EPA 200.8 in Drinking Water

Lead 7439-92-1 NJDEP

List of Certifications

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

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



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EMSL-CIN-01

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Somerset, NJ 08873 (732) 390-5858

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EMSL Order ID: 012355916 LIMS Reference ID: AB55916 EMSL Customer ID: WHIT53

Project Name: CDI Hoadstart

Customer PO: 23-05-03T **EMSL Sales Rep:** Jeromy Bish

Received: 05/19/2023 09:00 **Reported:** 06/01/2023 23:13

Notes and Definitions

Item	Definition
[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
%REC	Percent Recovery
RPD	Relative Percent Difference
Source	Sample that was matrix spiked or duplicated

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

Customer ID:

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EMSL Order Number / Lab Use Or

200 Rt. 130 N

/ Lab Use Only	Cinnaminson, NJ 08077
ABSS9110	PHONE: (800) 220-3675
ling D:	EMIAIL: EnvChemistry2@EMSL.com
ompany Name:	
ling Contact:	
reet Address:	

Date/Time.	Date/	t		5	3	by:	Received by:			Date/Time:				daniel od by.
Date/Time Σ 18 726	Date/	1	1/1			d by:	Received by:		3 12:05	Date/Time: 8 / 23			The state of the s	Relinquished by:
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Comments	Test 8:	Test 7:	Test 6:	Test 5:	Test 4:	Test 3:	Test 2:	Test 1:	2 HNO3 3 H2SO4 4 ICE 5 Other Describe below in Special Instructions	S=Soil A=Air SL=Sludge O=Other	Date / Time Collected	Grab	Com	Client Sample ID
	mple line:)	K On Sal	in test below, then check on sample line:)	or peron	1				- 1	W=Water)		
		es an a	then chec	st below	(Write in te	List Test(s) Needed (Write	ist Test	_	Preservative	Matrix				
ys 2 Days 1 Day	4 Days 3 Days	4 [1 Week		The following TAT's are subject to Lab approval. Call lab to confirm TAT before submittal:	re subject to T before subj	ing TATs a	The following Call lab to	2 Weeks	-Time:	Standard Turn-Around-Time:	Standa	e (TAT)	Turn-Around-Time (TAT)
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Yes X No				2000				Chilled?	Samples Received Chilled?		FMS		y (Check One):	Samples Collected by (Check One):
State Reporting Required?				PWS			-	Other (Specify)	X	for Yes	If Yes, for NPDES?	N _O	Yes	Compliance?
location:	ct proj	necticut (CT) must sele Commercial (Taxable)	Connecticut	State of	9	acted: UJ	US State where samples collected:	us					ovide)	(If applicable, EMSL will provide)
2-1	9 Order:	Purchase Order:	Pu								7	dsta	CDT Hord	Name/No:
						Email(s) for Invoice:	Email(s)			1602	whatmonico	7 003c	prey	Project Control Control
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Controlled Document - COC-07 Chemistry R11 02/26/2021 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

Customer

19127 92 200 AGREE TO ELECTRONIC SIGNATURE (By checking, I consent to signing this Chain of Custody document by electronic signature.)

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EMSL Order Number / Lab Use Only

200 Rt. 130 N

PHONE: (800) 220-367	Cinnaminson, NJ 08077	200 KL 130 K

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Date/Time > 10 750	FUF!	Received by:	Date/Time: 8/13 12:05	Date/	Marth M.	Delination
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Comments	Test 6: Test 7: Test 8:	Test 2: Test 3: Test 4:	ter 1 HCL 2 HNO3 3 H2SO4 4 ICE er Describe below in Special Instructions	Date / Time S=Soil G Collected A=Air SL=Slud O=Other	Client Sample ID p	
ne:)	List Test(s) Needed (Write in test below, then check on sample line:)	List Test(s) Needed (Write in tes	×			
3 Days 2 Days 1 Day	1 Week 4 Days	The following TAT's are subject to Lab approval. Call lab to confirm TAT before submittal:	X 2 Weeks	Standard Turn-Around-Time:	ruin-Around-lime (IAI)	nul-Aroun
No. of Samples in Shipment;			Las Mill		(4)	Turn Around
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State Reporting Required? Yes No	ID:	ify)	Yes No	NPDES?	Nes Charles	Compliance?
Residential (Non-Taxable)	Commercial (Taxable)	samples collected.	3		V	Samples for
ct project location:	State of Connecticut (CT) must select project location:	1			SL will provide)	(If applicable, EMSL will provide)
7	Purchase Order:			Start	CDI Hord	Name/No:
		Email(s) for Invoice:	A	@ whatmoneo con	The state of the s	Project
		Phone:		858) 350-5	
Country:		City, State, Zip:	Country: US	4	Someset K	
		Street Address:	x + 200	in Square Dr. 5	100 franklin	
		mati Billing Contact:		pris	John Secupra	Street Address
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にMINIE: EINCHBINISTYZ@EMSE.com		Billing D:				
PHONE: (800) 220-3675		MILCOAH			¥ []:	Customer ID:
		つきへつのこ			TICAL, INC.	EMISE ANALYTICAL, INC

Controlled Document - COC-07 Chemistry R11 02/26/2021

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 connections.

Edulyar 5019/27 92 Ru

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