

WHITMAN

Creating Solutions. Exceeding Expectations.

LEAD IN DRINKING WATER SAMPLING

FOR

75 SPRUCE STREET

**COMMUNITY CHARTER SCHOOL OF PATERSON
75 SPRUCE STREET
PATERSON, NJ 07501**

PROJECT 25-11-18T

PERFORMED BY

WHITMAN

January 29, 2026

**LEAD IN DRINKING WATER SAMPLING
COMMUNITY CHARTER SCHOOL OF PATERSON
75 SPRUCE STREET
PATERSON, NJ**

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ATTACHMENTS

Attachment 1 – Lead Sampling Results

**LEAD IN DRINKING WATER SAMPLING
COMMUNITY CHARTER SCHOOL OF PATERSON
75 SPRUCE STREET
PATERSON, NJ**

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 [$\mu\text{g/l}$] 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 µg/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 complied with NJDEP protocol and all samples were submitted to Integrated Analytical Laboratories (NJDEP NELAP #14751) under a completed Chain of Custody Form.

Location	Sample ID #	Date	Time	Lead Result µg/L	NJDEP Lead Limit - µg/L
Cafeteria Water Cooler	S1	1/7/2026	9:29 am	<1.00	15
Room 113 Hallway Water Cooler	S2	1/7/2026	9:32 am	<1.00	15
Room 301 Hallway Water Cooler	S3	1/7/2026	9:35 am	<1.00	15
Room 314 Hallway Water Cooler	S4	1/7/2026	9:38 am	<1.00	15
Field Blank	FB	1/7/2026	9:45 am	<1.00	15

4.0 CONCLUSIONS

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

5.0 LIMITATIONS, EXCEPTIONS AND ASSUMPTIONS

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 stated 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 SAMPLE RESULTS

**EMSL Analytical, Inc.**

200 Route 130, Cinnaminson, NJ, 08077
Telephone: 856-858-4800 Fax:cs@emsl.com
EMSL-CIN-01

EMSL Order ID: 012605293

LIMS Reference ID: AE05293

EMSL Customer ID: WHIT53

Attention: John Beaupre

Whitman Companies, Inc. [WHIT53]

100 Franklin Square Dr.Suite 200

Somerset, NJ 08873

(732) 390-5858

jbeaupre@whitmanco.com

Project Name:

Community Charter School : 75 Spruce St.

Project ID:

_Master Project-WHIT53

Customer PO:

25-11-18

Sales Rep:

John LaFleur

Received:

01/07/2026 09:00

Reported:

01/20/2026 13:41

Analytical Results

Analyte	Result	Q	DF	RL	Units	Prepared Date/Time	Analyzed Date/Time	Analyst Initials	Prep /Analytical Method
Sample: S1									
Lims Reference ID:			AE05293-01		Matrix: Drinking Water			Sampled: 01/05/26 09:29:00	
Metals									
Lead	ND	1	1.00	µg/L	01/07/26 12:40	01/08/26 12:08	PL	EPA 200.8 (DA)/EPA 200.8	
Sample: S2									
Lims Reference ID:			AE05293-02		Matrix: Drinking Water			Sampled: 01/05/26 09:32:00	
Metals									
Lead	ND	1	1.00	µg/L	01/07/26 12:40	01/08/26 12:10	PL	EPA 200.8 (DA)/EPA 200.8	
Sample: S3									
Lims Reference ID:			AE05293-03		Matrix: Drinking Water			Sampled: 01/05/26 09:35:00	
Metals									
Lead	ND	1	1.00	µg/L	01/07/26 12:40	01/08/26 12:12	PL	EPA 200.8 (DA)/EPA 200.8	
Sample: S4									
Lims Reference ID:			AE05293-04		Matrix: Drinking Water			Sampled: 01/05/26 09:38:00	
Metals									
Lead	ND	1	1.00	µg/L	01/07/26 12:40	01/08/26 12:18	PL	EPA 200.8 (DA)/EPA 200.8	
Sample: FB									
Lims Reference ID:			AE05293-05		Matrix: Drinking Water			Sampled: 01/05/26 09:40:00	
Metals									
Lead	ND	1	1.00	µg/L	01/07/26 12:40	01/08/26 12:20	PL	EPA 200.8 (DA)/EPA 200.8	

**EMSL Analytical, Inc.**

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01/07/2026 09:00

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01/20/2026 13:41

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	2845.25	11/30/2025
NYSDOH	New York State Department of Health ELAP	10872	04/01/2026
NJDEP	New Jersey Department of Environmental Protection	03036	06/30/2026
MADEP	Massachusetts Department of Environmental Protection	M-NJ337	06/30/2026
CTDPH	Connecticut Department of Public Health	PH-0270	06/30/2026
California ELAP	California Water Boards	1877	06/30/2026
AIHA LAP	American Industrial Hygiene Association (AIHA LAP, LLC)	100194	04/01/2027
A2LA	A2LA Environmental Certificate	2845.01	07/31/2026
21-A2LA	A2LA Food Chem/Mat Sci	2845.15	07/31/2026

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.

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01/07/2026 09:00

Reported:

01/20/2026 13:41

Notes and Definitions

Item	Definition
P3	Sample was preserved by client prior to getting into laboratory.
(Dig)	For metals analysis, sample was digested.
[2C]	Reported from the second channel in dual column analysis.
DA	Direct Analysis
DF	Dilution Factor
MDL	Method Detection Limit.
ND	Analyte was NOT DETECTED at or above the detection limit.
NR	Spike/Surrogate showed no recovery.
Q	Qualifier
RCS	Respirable Crystalline Silica
RL	Reporting Limit
Wet	Sample is not dry weight corrected.

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.

Environmental Chemistry Chain of Custody

EMSL Order Number / Lab Use Only

200 Rt. 130 N
Chatham, NJ 08077

PHONE: (609) 220-3675
EMAIL: EnvChem@emsl.com

Customer Information

Customer ID: AE05293
Company Name: Whitman
Contact Name: John Beeper
Street Address: 100 Franklin Square Dr., Suite 200
City, State, Zip: Somerset, NJ 08873
Phone: (732) 390-5858
Email(s) for Report: john.beeper@whitman.com

Billing Information

Billing ID: SCN-
Company Name: SCN-
Billing Contact: SCN-
Street Address: SCN-
City, State, Zip: SCN-
Phone: SCN-
Email(s) for Invoice: SCN-

Project Name: Community Charter School - 75 Spruce St.
EMSL LIMS Project ID: 75 Spruce St.
(If applicable, EMSL will provide)

State of Connecticut (CT) must select project location: US State where samples collected: NJ

Purchase Order: 25-11-18

State Reporting Required? ☒ Yes ☐ No

Residential (Non-Taxable) ☐ Yes ☒ No

Commercial (Taxable) ☐ Yes ☒ No

State of Connecticut (CT) must select project location: US State where samples collected: NJ

State Reporting Required? ☒ Yes ☐ No

Residential (Non-Taxable) ☐ Yes ☒ No

Commercial (Taxable) ☐ Yes ☒ No

State of Connecticut (CT) must select project location: US State where samples collected: NJ

State Reporting Required? ☒ Yes ☐ No

Residential (Non-Taxable) ☐ Yes ☒ No

Commercial (Taxable) ☐ Yes ☒ No

State of Connecticut (CT) must select project location: US State where samples collected: NJ

State Reporting Required? ☒ Yes ☐ No

Residential (Non-Taxable) ☐ Yes ☒ No

Reporting Requirements:

Method of Shipment: ☒ Results Only ☐ Results and QC

Relinquished by: [Signature]

Relinquished by: [Signature]

Relinquished by: [Signature]

Relinquished by: [Signature]

Relinquished by: [Signature]

Relinquished by: [Signature]

Relinquished by: [Signature]

Relinquished by: [Signature]

Standard Turn-Around-Time: 2 Weeks

The following TATs are subject to Lab approval. Call lab to confirm TAT before submission.

1 Week ☐ 4 Days ☐ 3 Days ☐ 2 Days ☐ 1 Day ☐

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

Test 1: ☐ Test 2: ☐ Test 3: ☐ Test 4: ☐ Test 5: ☐ Test 6: ☐ Test 7: ☐ Test 8: ☐

Test 9: ☐ Test 10: ☐ Test 11: ☐ Test 12: ☐ Test 13: ☐ Test 14: ☐ Test 15: ☐

Test 16: ☐ Test 17: ☐ Test 18: ☐ Test 19: ☐ Test 20: ☐ Test 21: ☐ Test 22: ☐

Test 23: ☐ Test 24: ☐ Test 25: ☐ Test 26: ☐ Test 27: ☐ Test 28: ☐ Test 29: ☐

Test 30: ☐ Test 31: ☐ Test 32: ☐ Test 33: ☐ Test 34: ☐ Test 35: ☐ Test 36: ☐

Test 37: ☐ Test 38: ☐ Test 39: ☐ Test 40: ☐ Test 41: ☐ Test 42: ☐ Test 43: ☐

Test 44: ☐ Test 45: ☐ Test 46: ☐ Test 47: ☐ Test 48: ☐ Test 49: ☐ Test 50: ☐

Test 51: ☐ Test 52: ☐ Test 53: ☐ Test 54: ☐ Test 55: ☐ Test 56: ☐ Test 57: ☐

Client Sample ID

Comp

Grab

Date / Time Collected

Matrix

Preservative

1 HCL

2 HNO3

3 H2SO4

4 ICE

5 Other

Describe below in Special Instructions

Test 1: ☐ Test 2: ☐ Test 3: ☐ Test 4: ☐ Test 5: ☐ Test 6: ☐ Test 7: ☐ Test 8: ☐

Test 9: ☐ Test 10: ☐ Test 11: ☐ Test 12: ☐ Test 13: ☐ Test 14: ☐ Test 15: ☐

Test 16: ☐ Test 17: ☐ Test 18: ☐ Test 19: ☐ Test 20: ☐ Test 21: ☐ Test 22: ☐

Test 23: ☐ Test 24: ☐ Test 25: ☐ Test 26: ☐ Test 27: ☐ Test 28: ☐ Test 29: ☐

Test 30: ☐ Test 31: ☐ Test 32: ☐ Test 33: ☐ Test 34: ☐ Test 35: ☐ Test 36: ☐

Comments

Drinking water

Correlated Document - CQC-07 Chemistry R11 02/28/2021

EMSL Cinnamincan

Date

Initials

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Environmental Chemistry - Sampling Event

Chain of Custody

EMSL Analytical, Inc.
200 Route 130 North
Cinnaminson, NJ 08027

PHONE: (800) 220-3675
EMAIL: EnvChemists@aol.com

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Special Instructions and/or:

needed for additional sample information

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

Client Sample ID	Comp	Grab	Date / Time Collected	Matrix W=Water S=Soil A=Air SL=Sludge O=Other	Preservative 1 HCL 2 HNO3 3 H2SO4 4 ICE 5 Other Describe in Special Instructions	List Test(s) Needed (Write in test below, then check on sample line:)							Comments		
						Test 1:	Test 2:	Test 3:	Test 4:	Field PH	Field PH Test Time	Field Temp. Deg.C		Field Temp. Test Time	
FB	☐	☒	11/5/20 9:40	W	2	☒	☐	☐	☐	☐					
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