

HEALTH & SAFETY SERVICES, Inc.

PO Box 365 • Berlin, NJ 08009 • (856) 452-1311 • info@hssenv.com
Indoor Air Quality • Asbestos & Lead Management • Site Assessments

August 30, 2023

Mrs. Theresa Doggett
Director of Facilities and Operations
Belmont Charter Network
Community Education Alliance
1301 Belmont Avenue
Suite 209
Philadelphia, PA 19104

Subject: Belmont Charter School
4030 Brown Street
Lead water inspection

Dear Mrs. Doggett:

Health & Safety Services, Inc. provided the services necessary to complete potable water sampling for lead levels of drinking water throughout the school district. A total of 14 water samples were collected throughout the school, NO drinking water lead concentrations were above the EPA drinking water standards of 15 ppb lead. The table below summarized the sampling; the lead concentration limit is 15 ppb.

Lead Water Sampling:

Potable water samples were collected from sources throughout the school. Samples were collected by placing the sample container directly under the faucet, then opening the faucet to fill the container. Each water sample was sealed, labeled and transported to the laboratory for analysis. The table below details the sampling results:

Water Sampling Results:

	Lead ppb
EPA Standard	15
Nurse Office Fountain	<1.00
Cafeteria Fountain	<1.00
Kitchen Dish Sink	2.73
Kitchen Hand Sink	<1.00
2nd Flr Annex Fountain	<1.00
2nd Flr Fountain 219	<1.00
1st Flr Annex Ftn 111B	<1.00
Annex 1st Flr Ftn Gr. Br	<1.00
1st Flr 106 Ftn	<1.00
1st Flr Sink Ftn	<1.00

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	Lead ppb
EPA Standard	15
2nd Flr Sink Ftn	<1.00
2nd Flr 204 Ftn	<1.00
3rd Flr Sink Ftn	<1.00
3rd Flr 303 Ftn	<1.00

NO drinking water lead concentrations were above the EPA drinking water standards of 15 ppb lead.

The independent laboratory report is attached in the following pages, if any additional information is required, please contact Health & Safety Services, Inc. at your convenience.

Respectfully,
Health & Safety Services, Inc.



James J. Proctor
President

HEALTH & SAFETY SERVICES, Inc.

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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: 012360569
LIMS Reference ID: AB60569
EMSL Customer ID: HESA55

Attention: Jim Proctor
 Health & Safety Services, Inc. [HESA55]
 PO Box 365
 Berlin, NJ 08009
 (856) 452-1311
 jim@hssenv.com

Project Name: 4030 Brown Street, Phila, PA
Customer PO:
EMSL Sales Rep: Anthony DeRosa
Received: 08/16/2023 10:05
Reported: 08/23/2023 12:24

Analytical Results

Analyte	Result	Q	DF	RL	Units	Prepared Date/Time	Analyzed Date/Time	Analyst Initials	Prep /Analytical Method
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Sample: 0816 - 01B/Nurse's Office Fountain Lims Reference ID: AB60569-01 Matrix: Drinking Water Sampled: 08/16/23 00:00:00

Metals

Lead	<1.00		1	1.00	µg/L	08/17/23 15:44	08/18/23 18:06	AS	EPA 200.8 (DA)/EPA 200.8
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Sample: 0816 - 02B/Cafeteria Fountain Lims Reference ID: AB60569-02 Matrix: Drinking Water Sampled: 08/16/23 00:00:00

Metals

Lead	<1.00		1	1.00	µg/L	08/17/23 15:44	08/18/23 18:08	AS	EPA 200.8 (DA)/EPA 200.8
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Sample: 0816 - 03B/Kitchen Dish Sink Lims Reference ID: AB60569-03 Matrix: Drinking Water Sampled: 08/16/23 00:00:00

Metals

Lead	2.73		1	1.00	µg/L	08/17/23 15:44	08/18/23 18:10	AS	EPA 200.8 (DA)/EPA 200.8
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Sample: 0816 - 04B/Kitchen Hand Sink Lims Reference ID: AB60569-04 Matrix: Drinking Water Sampled: 08/16/23 00:00:00

Metals

Lead	<1.00		1	1.00	µg/L	08/17/23 15:44	08/18/23 18:12	AS	EPA 200.8 (DA)/EPA 200.8
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Sample: 0816 - 05B/2nd Flr Annex Fountain / Bathroo Lims Reference ID: AB60569-05 Matrix: Drinking Water Sampled: 08/16/23 00:00:00

Metals

Lead	<1.00		1	1.00	µg/L	08/17/23 15:44	08/18/23 18:18	AS	EPA 200.8 (DA)/EPA 200.8
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Sample: 0816 - 06B/2nd Flr Fountain 219 / Annex Lims Reference ID: AB60569-06 Matrix: Drinking Water Sampled: 08/16/23 00:00:00

Metals

Lead	<1.00		1	1.00	µg/L	08/17/23 15:44	08/18/23 18:20	AS	EPA 200.8 (DA)/EPA 200.8
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Sample: 0816 - 07B/1st Flr Annex Ftn 111B Lims Reference ID: AB60569-07 Matrix: Drinking Water Sampled: 08/16/23 00:00:00

Metals

Lead	<1.00		1	1.00	µg/L	08/17/23 15:44	08/18/23 18:21	AS	EPA 200.8 (DA)/EPA 200.8
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Sample: 0816 - 08B/Annex 1st Flr Ftn Gr. Br. Lims Reference ID: AB60569-08 Matrix: Drinking Water Sampled: 08/16/23 00:00:00

Metals

Lead	<1.00		1	1.00	µg/L	08/17/23 15:44	08/18/23 18:23	AS	EPA 200.8 (DA)/EPA 200.8
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Sample: 0816 - 09B/1st Flr 106 Ftn Lims Reference ID: AB60569-09 Matrix: Drinking Water Sampled: 08/16/23 00:00:00

Metals

Lead	<1.00		1	1.00	µg/L	08/17/23 15:44	08/18/23 18:29	AS	EPA 200.8 (DA)/EPA 200.8
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Sample: 0816 - 10B/1st Flr Sink Ftn Lims Reference ID: AB60569-10 Matrix: Drinking Water Sampled: 08/16/23 00:00:00

Metals

**EMSL Analytical, Inc.**

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Project Name: 4030 Brown Street, Phila, PA
Customer PO:
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Received: 08/16/2023 10:05
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Analytical Results (Continued)

Analyte	Result	Q	DF	RL	Units	Prepared Date/Time	Analyzed Date/Time	Analyst Initials	Prep /Analytical Method
Sample: 0816 - 10B/1st Flr Sink Ftn (Continued) Lims Reference ID: AB60569-10 Matrix: Drinking Water Sampled: 08/16/23 00:00:00									
Metals (Continued)									
Lead	<1.00		1	1.00	µg/L	08/17/23 15:44	08/18/23 18:31	AS	EPA 200.8 (DA)/EPA 200.8
Sample: 0816 - 11B/2nd Flr Sink Ftn Lims Reference ID: AB60569-11 Matrix: Drinking Water Sampled: 08/16/23 00:00:00									
Metals									
Lead	<1.00		1	1.00	µg/L	08/17/23 15:44	08/18/23 18:33	AS	EPA 200.8 (DA)/EPA 200.8
Sample: 0816 - 12B/2nd Flr 204 Ftn Lims Reference ID: AB60569-12 Matrix: Drinking Water Sampled: 08/16/23 00:00:00									
Metals									
Lead	<1.00		1	1.00	µg/L	08/17/23 15:44	08/18/23 18:35	AS	EPA 200.8 (DA)/EPA 200.8
Sample: 0816 - 13B/3rd Flr Sink Ftn Lims Reference ID: AB60569-13 Matrix: Drinking Water Sampled: 08/16/23 00:00:00									
Metals									
Lead	<1.00		1	1.00	µg/L	08/17/23 15:44	08/18/23 18:37	AS	EPA 200.8 (DA)/EPA 200.8
Sample: 0816 - 14B/3rd Flr 303 Ftn Lims Reference ID: AB60569-14 Matrix: Drinking Water Sampled: 08/16/23 00:00:00									
Metals									
Lead	<1.00		1	1.00	µg/L	08/17/23 15:50	08/22/23 12:12	AS	EPA 200.8 (DA)/EPA 200.8

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Received: 08/16/2023 10:05
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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 Environmental 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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Notes and Definitions

Item	Definition
P2	Sample was preserved at the lab prior to analysis.
(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."

48 60569



Chain of Custody

Lead Lab Services

EMSL Analytical, Inc.
3 Cooper Street
Westmont, NJ 08108

Phone: (856) 858-4800
Fax: (856) 858-3899
<http://www.emsl.com>

Please print all information legibly.

Company:	Health & Safety Services, Inc.	Bill To:	Health & Safety Services, Inc.
Address 1:	PO Box 365	Address 1:	
Address 2:		Address 2:	
City, State:	Berlin, NJ	City, State:	
Zip/Post Code:	08009	Zip/Post Code:	
Country:		Country:	
Contact Name:	Jim Proctor	Attn:	Jim Proctor
Phone:	856-452-1311	Phone:	
Fax:		Fax:	
Email:	jim@hssenv.com	Email:	jim@hssenv.com
EMSL Rep:	Scott Ross	P.O. Number:	
Project Name/Number:	4030 Brown Street, Phila, PA		

2023 AUG 16 A 10:04
 RECEIVED
 EMSL
 CINNAMINSON, N.J.

MATRIX	METHOD	INSTRUMENT	RL (Reporting Limit)	TAT
Lead Chips*	SW846-7420, 3050B Mod./AOAC(974.02)	Flame Atomic Absorption	0.01% ++	
Lead WasteWater	SW846-7420	Flame Atomic Absorption	0.4 mg/l water 40 mg/kg (ppm) soil	
Lead Soil +	or SW846-6010B	ICP	0.1 mg/l water 10 mg/kg (ppm) soil	
Lead in Air ***	NIOSH 7082 Mod.	Flame Atomic Absorption	4 ug/filter	
	or NIOSH 7300 Mod.	ICP	3.0 ug/filter	
Lead in Wipe^ <input type="checkbox"/> -ASTM List Wipe Type	SW846-7420 / HUD Appendix 14.2 Digest	Flame Atomic Absorption	10 ug/wipe	
<input type="checkbox"/> -non ASTM	or SW846-6010B	ICP	3.0 ug/wipe	
TCLP Lead **	SW846-1311/ 7420 or SW846-6010B	Flame Atomic Absorption ICP	0.4 mg/l (ppm) 0.1 mg/l (ppm)	
STLC Lead (California) #	CA Title 22 66261.126/ SW846-7420 or SW846-6010B	Flame Atomic Absorption ICP	0.4 mg/l (ppm) 0.1 mg/l (ppm)	
Lead in Air ****	NIOSH 7105 Mod.	Graphite Furnace Atomic Absorption	0.03 ug/filter	
Lead WasteWater	SW846-7421	Graphite Furnace Atomic Absorption	0.003 mg/l (ppm) water 0.03 mg/kg (ppm) soil	
Lead in Drinking Water (check state Certification requirements)	EPA 239.2 / 200.9	Graphite Furnace Atomic Absorption	0.003 mg/l (ppm)	5 DAY
Total Dust	NIOSH 0500-0600	Gravimetric Reduction	0.0001g	

TAT (Turnaround) - Same day, 24 hr - 1 Day, 2 Days, 3 Days, 4 Days, 5 Days, 6-10 Days
 *, **, ***, ****, +, ++, # Please Refer to Price Quote
 ^ If no box is checked, non-ASTM is assumed

ANOS ADDED 8/16/23 @ 14:00 EL

A# 60569



Chain of Custody Lead Lab Services

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3 Cooper Street
Westmont, NJ 08108

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Please print all information legibly.

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bathroom
annex

SAMPLE #	LOCATION	Air Volume, L Area, in ²	LAB #
0816-01B	Nurses office fountain	250ml	
0816-02B	cafeteria fountain	↓	
0816-03B	kitchen dish sink		
0816-04B	kitchen hand sink		
0816-05B	2nd flr annex fountain		
0816-06B	2nd flr fountain 219		
0816-07B	1st flr annex ftn 11B		
" 08B	annex 1st flr ftn gr br		
" 09B	1st flr 106 ftn		
" 10B	1st flr sink ftn		
" 11B	2nd flr sink ftn		
" 12B	2nd flr 204 ftn		
" 13B	3rd flr sink ftn		
" 14B	3rd flr 303 ftn		

RECEIVED
EMSL
CINNAMINSON, N.J.
2023 AUG 16 A 10:04

@Relinquished By: (Person) Kim Proctor
Received at EMSL by: [Signature]
Received at EMSL by: Colleen Palladuro

Date: 8/16/23
Date: 8/16/23 10:05am
Date: 8/16/23 10:05AM

Note: Please duplicate this form and use additional sheets if necessary.

@ The individual signing and relinquishing these samples to the laboratory attests to the accuracy of the information reported on this chain of custody.