



Environmental Control Systems, Inc.

Environmental Engineers and Management Consultants

August 25, 2024

Mr. Terrence Jenkins
Harambee Institute of Science & Technology Charter School
640 N. 66th Street
Philadelphia, PA 19151

Re: Lead in Drinking Water Sampling Results

Dear Mr. Jenkins:

On August 15, 2024, nine (9) drinking water outlets were tested for Lead in Drinking Water at the Harambee Institute of Science & Technology Charter School. "First Draw" samples were collected in accordance with EPA protocol listed in the 3T's for Reducing Lead in Drinking Water in Schools, revised October 2018.

Analysis was performed by Suburban Testing Lab, Reading, PA, an EPA accredited laboratory. Results are based on the School District of Philadelphia requirements of 10 ppb which are more strict than PDE and EPA recommended action level of 15 parts per billion (ppb) for lead in schools based on a 250 ml sample.

All results are under the School District of Philadelphia action limit of 10 ppb and the PA Act 39, PDE and EPA action limit of 15 ppb.

Please let me know if you have any questions.

Cordially,

Barbara Lippmann
President

Enclosure:

HARAMBEE INSTITUTE OF SCIENCE & TECHNOLOGY CHARTER SCHOOL
Lead in Drinking Water Testing on August 15, 2024.

In accordance with the School District of Philadelphia, EPA National Primary Drinking Water Standard, PA Act 39 and PA Department of ED, the School District of Philadelphia recommends an action limit of 10 ppb for Lead in Drinking Water in school systems based on a 250 ml sample. All areas sampled in the Harambee Charter School are under the Action Limit.

<i>Harambee Institute</i>	<i>Location Sampled</i>	<i>Result</i>	<i>School District of Phila. Limit</i>
	Kitchen Prep Sink	ND	10 ppb
	Cafeteria Drinking Fountain	ND	10 ppb
	Gym Drinking Fountain	ND	10 ppb
	1st Floor Main DF #1 - Upper	ND	10 ppb
	1st Floor Main DF #2 - Lower	ND	10 ppb
	Nurse Office sink	ND	10 ppb
	2nd Floor Main DF	ND	10 ppb
	New Wing Main DF #1 - Upper	ND	10 ppb
	Teacher's Lounge	ND	10 ppb



Drinking Water Results Report

Order ID: 4H05173

Environmental Control Systems, Inc.
950 Sussex Boulevard
Broomall, PA 19008
Attn: Barbara Lippmann

Project: Harambee Institute of Science & Technology
640 N. 66th Street
Philadelphia, PA 19151
PWSID:

Sample Number: 4H05173-01

Site: Kitchen Prep

Sample ID:

Collector: MB

Collect Date: 08/15/2024 8:15 am

Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	MCL	Pass/Fail	MRL	MDL	Prep Date	By	Analysis Date	By
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Metals

Lead < 0.001 mg/L EPA 200.8 0.015 Pass 0.001 08/20/24 RPV 08/20/24 14:53 RPV

Sample Number: 4H05173-02

Site: CAF Drinking Fountain

Sample ID:

Collector: MB

Collect Date: 08/15/2024 8:18 am

Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	MCL	Pass/Fail	MRL	MDL	Prep Date	By	Analysis Date	By
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Metals

Lead < 0.001 mg/L EPA 200.8 0.015 Pass 0.001 08/20/24 RPV 08/20/24 14:55 RPV

Sample Number: 4H05173-03

Site: Gym Drinking Fountain

Sample ID:

Collector: MB

Collect Date: 08/15/2024 8:25 am

Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	MCL	Pass/Fail	MRL	MDL	Prep Date	By	Analysis Date	By
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Metals

Lead < 0.001 mg/L EPA 200.8 0.015 Pass 0.001 08/20/24 RPV 08/20/24 15:02 RPV

Sample Number: 4H05173-04

Site: 1st Floor Main WF #1

Sample ID:

Collector: MB

Collect Date: 08/15/2024 8:30 am

Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	MCL	Pass/Fail	MRL	MDL	Prep Date	By	Analysis Date	By
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Metals

Lead < 0.001 mg/L EPA 200.8 0.015 Pass 0.001 08/20/24 RPV 08/20/24 15:05 RPV

Sample Number: 4H05173-05

Site: 1st Floor Main WF #2

Sample ID:

Collector: MB

Collect Date: 08/15/2024 8:31 am

Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	MCL	Pass/Fail	MRL	MDL	Prep Date	By	Analysis Date	By
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Metals

Lead < 0.001 mg/L EPA 200.8 0.015 Pass 0.001 08/20/24 RPV 08/20/24 15:07 RPV

Report Generated On: 08/23/2024 7:06 pm
STL_DW_Results Revision #3.0

4H05173
Effective: 05/29/2024





SUBURBAN TESTING LABS

Sample Number: 4H05173-06

Site: Nurse Office Sink

Sample ID:

Collector: MB

Collect Date: 08/15/2024 8:40 am

Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	MCL	Pass/Fail	MRL	MDL	Prep Date	By	Analysis Date	By
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Metals

Lead < 0.001 mg/L EPA 200.8 0.015 Pass 0.001 08/20/24 RPV 08/20/24 15:10 RPV

Sample Number: 4H05173-07

Site: 2nd Fl. Main WF

Sample ID:

Collector: MB

Collect Date: 08/15/2024 8:45 am

Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	MCL	Pass/Fail	MRL	MDL	Prep Date	By	Analysis Date	By
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Metals

Lead < 0.001 mg/L EPA 200.8 0.015 Pass 0.001 08/20/24 RPV 08/20/24 15:12 RPV

Sample Number: 4H05173-08

Site: New Wing WF #1

Sample ID:

Collector: MB

Collect Date: 08/15/2024 8:50 am

Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	MCL	Pass/Fail	MRL	MDL	Prep Date	By	Analysis Date	By
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Metals

Lead < 0.001 mg/L EPA 200.8 0.015 Pass 0.001 08/20/24 RPV 08/20/24 15:14 RPV

Sample Number: 4H05173-09

Site: Teacher Lounge

Sample ID:

Collector: MB

Collect Date: 08/15/2024 8:55 am

Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	MCL	Pass/Fail	MRL	MDL	Prep Date	By	Analysis Date	By
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Metals

Lead < 0.001 mg/L EPA 200.8 0.015 Pass 0.001 08/20/24 RPV 08/20/24 15:17 RPV

Sample Receipt Conditions:

All samples met the sample receipt requirements for the relevant analyses.

Units P/A = Present/Absent

Units P/F = Pass/Fail

Report Generated On: 08/23/2024 7:06 pm
STL_DW_Results Revision #3.0

4H05173
Effective: 05/29/2024

SUBURBAN TESTING LABS

1037F MacArthur Road, Reading, PA 19605 Phone: 610-375-TEST Fax: 610-375-4090 suburbantestinglabs.com



PA DEP # 06-00208
NJ DEP # P10004

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SUBURBAN TESTING LABS

The test *pH, Lab* is performed in the Laboratory as soon as possible. These results are not appropriate for compliance with NPDES, SDWA, or other regulatory programs that require analysis within 15 minutes of sample collection and should be considered for informational purposes only.

MCL: Maximum Contaminant Level based on 40CFR part 141 and 143. MCL and Pass/Fail are provided for reference only.

RL: Reporting Limit. The lowest concentration reported for this sample. Results below the RL are considered Non-Detected.

All results meet the requirements of STL's TNI NELAP Accredited Quality System unless otherwise noted. If your results contain any data qualifiers or comments, you should evaluate useability relative to your needs.

If collectors initials include "STL", samples have been collected in accordance with STL SOP SL0015.

All results reported on an As Received (Wet Weight) basis unless otherwise noted.

This laboratory report may not be reproduced, except in full, without the written approval of STL.

Results are considered Preliminary unless report is signed by authorized representative of STL.

Reviewed and Released By:

Sarah Pitrovich
Project Manager I

Sarah Pitrovich

Report Generated On: 08/23/2024 7:06 pm
STL_DW_Results Revision #3.0

4H05173
Effective: 05/29/2024





SUBURBAN TESTING LABS



4H05173
Rebecca Grillo

TAT(Check One) ☐ Standard ☐ 24hr ☐ 48hr ☐ 72hr ☒ Other 1 wk
(Additional charges may apply for rush TAT. If not specified, standard TAT will apply)

Order ID: _____

Client Name: Environmental Control Systems

Address: 950 Sussex Boulevard

Phone: 610-587-6016

Email: ecs_pa@hotmail.co

Contact Name: Barb Lippmann

P.O. Info: 6315

Client Name: Harambee Institute of Science & Technology

Address: 640 N. 66th Street

Philadelphia, PA 19151

Regulatory ID (SDWA/Permit #): _____

Comments:

Sampled by Mike Bednar - Signed by Mike Bednar

Samples kept on ice until pickup

STL Sample Number	Sample Description / Site ID:	Date Sampled	Time Sampled	Samplers Initials	Test(s) Requested:	Bottle Quantity	See Codes Below				Comments / Field Data:
							Matrix	Sample Type	Bottle Type	Preservative	
(9) 250mL P HNO3											
X	Kitchen Prep	8-15-24	8:15	MB	Lead 200.8	1	PW	G	250	NA	plastic
X	CAF DRINKING FOUNTAIN		8:18	MB	Lead 200.8	1	PW	G	250	NA	plastic
X	GYM DRINKING FOUNTAIN		8:25	MB	Lead 200.8	1	PW	G	250	NA	plastic
X	1ST FLOOR MAIN WF #1		8:30	MB	Lead 200.8	1	PW	G	250	NA	plastic
X	1ST FLOOR MAIN WF #2		8:31	MB	Lead 200.8	1	PW	G	250	NA	plastic
X	NURSE OFFICE SINK		8:40	MB	Lead 200.8	1	PW	G	250	NA	plastic
X	2nd FL. MAIN WF		8:45	MB	Lead 200.8	1	PW	G	250	NA	plastic
X	NEW WING WF #1		8:50	MB	Lead 200.8	1	PW	G	250	NA	plastic

Relinquished By: <u>Mike Bednar to Cooler</u>	Count: <u>9</u>	Date: <u>8/16/24</u>	Temp °C: _____	Sample Conditions Submitted with COC? <u>Y</u> / N Number of containers match number on COC? <u>Y</u> / N All containers in tact? <u>Y</u> / N Tests within holding times? <u>Y</u> / N 40 mL VOA vials free of headspace? <u>Y</u> / N		Matrix Key NPW = Non-Potable Water Solid = Raw Sludge, Dewatered sludge, soil, etc. (reported as mg/kg) PW = Potable Water (not for SDWA compliance) SDWA = Safe Drinking Water Act Potable Sample		Bottle Type Key P = Plastic G = Glass GA = Glass Amber VOA = 40mL G or GA PP = Sterile Polypropylene PS = Sterile Polystyrene HDPE = High Density Polyethylene O = Other	
Received By: <u>[Signature]</u>	<u>9</u>	Date: <u>8/16/24</u>	Temp °C: <u>16.5</u>	Acceptable: Y / N All containers in tact? <u>Y</u> / N Tests within holding times? <u>Y</u> / N 40 mL VOA vials free of headspace? <u>Y</u> / N		Sample Type Key G = Grab C = Composite 8HC = 8 Hr. Composite 24HC = 24 Hr. Composite		SDWA Sample Types D = Distribution	
Relinquished By: <u>[Signature]</u>	<u>9</u>	Date: <u>8/16/24</u>	Temp °C: <u>7.6</u>	Acceptable: <u>Y</u> / N		Sample Type Key G = Grab C = Composite 8HC = 8 Hr. Composite 24HC = 24 Hr. Composite		Preservative Key A = Ascorbic Acid OH = NaOH	
Received in Lab By: <u>CTB</u>	<u>9</u>	Date: <u>8-16-24</u>	Temp °C: <u>7.6</u>	Acceptable: <u>Y</u> / N		Sample Type Key G = Grab C = Composite 8HC = 8 Hr. Composite 24HC = 24 Hr. Composite		Preservative Key A = Ascorbic Acid OH = NaOH	

Signing this form indicates your agreement with STL's Standard Terms and Conditions unless otherwise specified in writing. SLF059 Rev. 1.5 Effective April 24, 2020.
Shaded areas are for STL use only.

+ 1 ml of HNO3 added at 1715 8/16/24
pH 2.2 Standard ID 5462331 Completed by CTB



4H05173
Rebecca Grillo

TAT(Check One): ☐ Standard ☐ 24hr ☐ 48hr ☐ 72hr ☒ Other 1 wk
(Additional charges may apply for rush TAT. If not specified, standard TAT will apply)

Order ID: _____

Client Name: Environmental Control System

Address: 950 Sussex Boulevard

Phone: 610-587-6016

Email: ecs_pa@hotmail.co

Contact Name: Barb Lippmann

P.O. Info: 6315

Project Name: Harambee Institute of Science & Technology

Address: 640 N. 66th Street

Philadelphia, PA 19151

Regulatory ID (SDWA/Permit #): _____

Comments:

Sampled by Mike Bednar - Signed by Mike Bednar * "8-15-24" per label 8-16-24 CDB

STL Sample Number	Sample Description / Site ID:	Date Sampled	Time Sampled	Samplers Initials	Test(s) Requested:	Bottle Quantity	See Codes Below				Comments / Field Data:
							Matrix	Sample Type	Bottle Type	Preservative	
✓	New wing WF #2	8-15-24	am	MB	Lead 200.8	1	PW	G	250	NA	plastic
X	Teacher Lounge		8:55	MB	Lead 200.8	1	PW	G	250	NA	plastic
						1	PW	G	250	NA	plastic
						1	PW	G	250	NA	plastic
					L	1	PW	G	250	NA	plastic
					L	1	PW	G	250	NA	plastic
						1	PW	G	250	NA	plastic
						1	PW	G	250	NA	plastic
						1	PW	G	250	NA	plastic

Relinquished By: <u>Mike Bednar to Cooler</u>	Count <u>9</u>	Date: <u>8/16/24</u>	Temp °C: _____	Sample Conditions Submitted with COC? <input checked="" type="checkbox"/> Y / N Number of containers match number on COC? <input checked="" type="checkbox"/> Y / N All containers in tact? <input checked="" type="checkbox"/> Y / N Tests within holding times? <input checked="" type="checkbox"/> Y / N 40 mL VOA vials free of headspace? <input checked="" type="checkbox"/> Y / N	Matrix Key NPW = Non-Potable Water Solid = Raw Sludge, Dewatered sludge, soil, etc. (reported as mg/kg) PW = Potable Water (not for SDWA compliance) SDWA = Safe Drinking Water Act Potable Sample	Bottle Type Key P = Plastic G = Glass GA = Glass Amber VOA = 40mL G or GA O = Other PP = Sterile Polypropylene PS = Sterile Polystyrene HDPE = High Density Polyethylene	
Received By:		Date:	Temp °C: _____	Acceptable: Y / N	Sample Type Key G = Grab C = Composite 8HC = 8 Hr. Composite 24HC = 24 Hr. Composite	SDWA Sample Types D=Distribution E=Entry Point R=Raw C=Check S=Special M=Maximum Residence	Preservative Key A = Ascorbic Acid C = HCl H = HNO ₃ N = Sodium Thiosulfate OH = NaOH S = H ₂ SO ₄ O = Other NA = None Required
Relinquished By:		Date:	Temp °C: _____	Acceptable: Y / N			
Received in Lab By: <u>CDB</u>		Date: <u>8-16-24</u>	Temp °C: <u>7.6</u>	Acceptable: <u>Y</u>			
		Time: <u>1615</u>					

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Shaded areas are for STL use only.