



December 11, 2019

Esperanza Charter School
301 West Hunting Park Avenue
Philadelphia, PA 19140

Attention: Ms. Alicia Mojica

Reference: Water Sampling for Lead – Middle School
4261 North 5th Street, Philadelphia, PA 19140
Criterion's Project Number: **192987**

Dear Ms. Mojica,

On December 6, 2019, Mr. Mike Barth of Criterion Laboratories, Inc. (Criterion) collected water samples from all outlets in the Middle School used for drinking and cooking to be analyzed for lead.

Mr. Barth collected a 250 milliliter (ml), first draw sample at each outlet, which were analyzed at Criterion in Bensalem, PA. The method used for analysis was Graphite Furnace Atomic Absorption (EPA Method 200.9).

The Environmental Protection Agency (EPA) has established a current Action Level for lead in public drinking water of 0.015 milligrams per liter (mg/L) or 15 parts per billion (ppb).

A total of fourteen (14) samples were collected in the school. All fourteen (14) samples met the EPA standard for lead in drinking water. No corrective action is required at this time.

Please feel free to call me with any questions at 215-244-1300, extension 1033.

Sincerely,

A handwritten signature in black ink, appearing to read 'Ian Forster', with a horizontal line underneath.

Ian Forster
Project Manager

Attachment



Results of Lead in Drinking Water

Client	<u>Esperanza Charter School</u>	Site Address	<u>4261 N 5th Street, Philadelphia, PA 19140 - Esperanza Academy Charter School - Middle School</u>	Sample Date	<u>12/6/2019</u>
Project #	<u>192987</u>			Sample Received Date	<u>12/6/2019</u>
Collected By	<u>Criterion Laboratories, Inc.</u>	Analyzed By	<u>Hudson, Craig</u>	Sample Analysis Date(s)	<u>12/9/2019</u>

Sample Number	Location / Description	Lead (ppb)	Reporting Limit (ppb)
192987-07-023-02-01	Kitchen - Ice Machine	< 2.5	2.5
192987-07-023-02-02	Kitchen Sink Eastern Sink Near Walk In Freezer - Kitchen Sink	< 2.5	2.5
192987-07-023-02-03	Kitchen Sink North Near Ovens - Kitchen Sink	< 2.5	2.5
192987-07-023-02-04	Kitchen Sink South Facing Near Warmers - Kitchen Sink	< 2.5	2.5
192987-07-023-02-05	Kitchen Sink West Facing Near Dish Pit - Kitchen Sink	< 2.5	2.5
192987-07-023-02-06	Back Of Cafeteria Hallway - Water Fountain	< 2.5	2.5
192987-07-023-02-07	Staff Lounge - Sink	< 2.5	2.5
192987-07-023-02-08	Across From 114 - Water Fountain	< 2.5	2.5
192987-07-023-02-09	Gym Hallway - Water Fountain	< 2.5	2.5
192987-07-023-02-10	Next to 170 - Water Fountain	< 2.5	2.5
192987-07-023-02-11	Nurse's Office - Sink	< 2.5	2.5
192987-07-023-02-12	2nd Floor Leftmost Water Fountain - Water Fountain	< 2.5	2.5
192987-07-023-02-13	2nd Floor Center Water Fountain - Water Fountain	< 2.5	2.5
192987-07-023-02-14	2nd Floor Rightmost Water Fountain - Water Fountain	< 2.5	2.5

Sample Count 14

James A. Weltz, CIH, Technical Director

EPA Action Limit is 15.0 ppb (parts per billion). Criterion Laboratories, Inc. bears no responsibility for sample collection activities of non-Criterion personnel. This report relates only to the samples reported above, and when reproduced, must be in its entirety. QC data associated with this sample set is within acceptable limits. Samples were received in good condition, unless otherwise noted.

Note: If your project number ends with an "R", it is a revised report and replaces the original document in full. Samples are analyzed by Criterion Laboratories, Inc. using EPA Method 200.9: Lead by Graphite Furnace Atomic Absorption (GFAA) and CLI Method 417.

Criterion Laboratories, Inc. (ID 100424) is accredited by the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC in the IHLAP; EMLAP and ELLAP accreditation programs for Polarized Light Microscopy (PLM), Phase Contrast Microscopy (PCM); Air-Direct Examination; and Airborne Dust, Paint, Settled Dust by Wipe and Soil for Fields of Testing as documented by the Scope of Accreditation Certificate and associated Scope. Additionally, Criterion Laboratories, Inc. is certified by the Center for Disease Control (CDC) Environmental Legionella Isolation Techniques Evaluation (ELITE) Program for the determination of Legionella in water by culture and holds accreditation from the National Voluntary Laboratory Accreditation Program (NVLAP ID 102046-0) for the determination of asbestos in bulk samples by Polarized Light Microscopy (PLM). This test report must not be used to claim product endorsement by NVLAP, NIST, AIHA or any agency of the US Government. Unless specifically listed as above, these test results are not covered under AIHA-LAP, LLC, 100424 accreditation.

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Chain of Custody

Matrix Water - Potable
Analyte Lead
Analysis Type Graphite Furnace
Container Bottle 250 ml
Project 192987
Client Esperanza Charter School
Site Address 4261 N 5th Street, Philadelphia, PA 19140 - Esperanza Academy Charter School - Middle School
Turnaround 1 Week
Field Tech Michael Barth
Sample Notes
Chain of Custody Notes

Additional Analytes

Sample Number	Location	Description	Received Condition	Date	Notes
192987-07-023-02-01	Kitchen	Ice Machine	Good	12/6/2019	
192987-07-023-02-02	Kitchen Sink Eastern Sink Near Walk In Freezer	Kitchen Sink	Good	12/6/2019	
192987-07-023-02-03	Kitchen Sink North Near Ovens	Kitchen Sink	Good	12/6/2019	
192987-07-023-02-04	Kitchen Sink South Facing Near Warmers	Kitchen Sink	Good	12/6/2019	
192987-07-023-02-05	Kitchen Sink West Facing Near Dish Pit	Kitchen Sink	Good	12/6/2019	
192987-07-023-02-06	Back Of Cafeteria Hallway	Water Fountain	Good	12/6/2019	
192987-07-023-02-07	Staff Lounge	Sink	Good	12/6/2019	
192987-07-023-02-08	Across From 114	Water Fountain	Good	12/6/2019	
192987-07-023-02-09	Gym Hallway	Water Fountain	Good	12/6/2019	
192987-07-023-02-10	Next to 170	Water Fountain	Good	12/6/2019	
192987-07-023-02-11	Nurse's Office	Sink	Good	12/6/2019	
192987-07-023-02-12	2nd Floor Leftmost Water Fountain	Water Fountain	Good	12/6/2019	
192987-07-023-02-13	2nd Floor Center Water Fountain	Water Fountain	Good	12/6/2019	
192987-07-023-02-14	2nd Floor Rightmost Water Fountain	Water Fountain	Good	12/6/2019	

Sample Count 14

Handling Chain Type	Handled By	Date	Time	Notes
Report Results To	Ian Forster	12/6/2019	09:05	
Send Reports To	Esperanza Charter School	12/6/2019	09:05	
Samples Taken By	Michael Barth	12/6/2019	09:05	
Transported By	Michael Barth	12/6/2019	09:05	



Chain of Custody

Relinquished By	Michael Barth	12/6/2019	09:05
Received By	Lauren Mitchell	12/6/2019	10:12
Analyzed By	Craig Hudson	12/9/2019	16:00