



December 11, 2019

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

Attention: Ms. Alicia Mojica

Reference: Water Sampling for Lead – Elementary School
3150 North Mascher Street, Philadelphia, PA 19133
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 Elementary 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 ten (10) samples were collected in the school. All ten (10) 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>3150 N Mascher St, Philadelphia, PA 19133 - Esperanza Academy Charter School - Elementary 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 Marrs, Collin</u>	Sample Analysis Date(s)	<u>12/10/2019 12/9/2019</u>

Sample Number	Location / Description	Lead (ppb)	Reporting Limit (ppb)
192987-07-023-03-01	Main Office - Sink	< 2.5	2.5
192987-07-023-03-02	Classroom 207 - Sink	< 2.5	2.5
192987-07-023-03-03	Outside Room 207 - Water Fountain	< 2.5	2.5
192987-07-023-03-04	Classroom 206 - Sink	< 2.5	2.5
192987-07-023-03-05	Classroom 205 - Sink	< 2.5	2.5
192987-07-023-03-06	Outside Room 203 - Water Fountain	< 2.5	2.5
192987-07-023-03-07	Classroom 203 - Sink	< 2.5	2.5
192987-07-023-03-08	Classroom 202 - Sink	< 2.5	2.5
192987-07-023-03-09	Classroom 201 - Sink	< 2.5	2.5
192987-07-023-03-10	Kitchen - Sink	< 2.5	2.5

Sample Count 10

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.

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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 3150 N Mascher St, Philadelphia, PA 19133 - Esperanza Academy Charter School - Elementary School
Turnaround 1 Week
Field Tech Michael Barth
Sample Notes
Chain of Custody Notes

Additional Analytes

Sample Number	Location	Description	Received Condition	Date	Notes
192987-07-023-03-01	Main Office	Sink	Good	12/6/2019	
192987-07-023-03-02	Classroom 207	Sink	Good	12/6/2019	
192987-07-023-03-03	Outside Room 207	Water Fountain	Good	12/6/2019	
192987-07-023-03-04	Classroom 206	Sink	Good	12/6/2019	
192987-07-023-03-05	Classroom 205	Sink	Good	12/6/2019	
192987-07-023-03-06	Outside Room 203	Water Fountain	Good	12/6/2019	
192987-07-023-03-07	Classroom 203	Sink	Good	12/6/2019	
192987-07-023-03-08	Classroom 202	Sink	Good	12/6/2019	
192987-07-023-03-09	Classroom 201	Sink	Good	12/6/2019	
192987-07-023-03-10	Kitchen	Sink	Good	12/6/2019	

Sample Count 10

Handling Chain Type	Handled By	Date	Time	Notes
Report Results To	Ian Forster	12/6/2019	09:04	
Send Reports To	Esperanza Charter School	12/6/2019	09:04	
Samples Taken By	Michael Barth	12/6/2019	09:04	
Transported By	Michael Barth	12/6/2019	09:04	
Relinquished By	Michael Barth	12/6/2019	09:04	
Received By	Lauren Mitchell	12/6/2019	10:12	
Analyzed By	Collin Marrs	12/10/2019	15:12	