



December 11, 2019

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

**Attention:** Ms. Alicia Mojica

**Reference:** Water Sampling for Lead – High School  
301 West Hunting Park Avenue, 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 High 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 eleven (11) samples were collected in the school. All eleven (11) 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>301 W Hunting Park Ave, Philadelphia, PA 19140 - Esperanza Academy Charter School - High 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)
192987-07-023-01-01	Teachers Lounge - Sink	< 2.5	2.5
192987-07-023-01-02	2nd Floor Across From 208 - Water Fountain	< 2.5	2.5
192987-07-023-01-03	Kitchen At Entrance - Kitchen Sink	6.7158	2.5
192987-07-023-01-04	Center Of Kitchen - Kitchen Sink	< 2.5	2.5
192987-07-023-01-05	Back Of Kitchen - Kitchen Sink	8.4994	2.5
192987-07-023-01-06	Kitchen - Ice Machine	< 2.5	2.5
192987-07-023-01-07	2nd Floor Across From 201 - Water Fountain	< 2.5	2.5
192987-07-023-01-08	1st Floor Across From Nurse's Office - Water Fountain	< 2.5	2.5
192987-07-023-01-09	Next to Room 104 - Water Fountain	< 2.5	2.5
192987-07-023-01-10	Old Gym Space - Water Fountain	< 2.5	2.5
192987-07-023-01-11	Nurse's Office - Sink	< 2.5	2.5

Sample Count 11

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.

**THIS IS THE LAST PAGE OF THE REPORT**



# Chain of Custody

**Matrix** Water - Potable  
**Analyte** Lead  
**Analysis Type** Graphite Furnace  
**Container** Bottle 250 ml  
**Project** 192987  
**Client** Esperanza Charter School  
**Site Address** 301 W Hunting Park Ave, Philadelphia, PA 19140 -  
 Esperanza Academy Charter School - High School  
**Turnaround** 1 Week  
**Field Tech** Michael Barth  
**Sample Notes**  
**Chain of Custody Notes**

## Additional Analytes

Sample Number	Location	Description	Received Condition	Date	Notes
192987-07-023-01-01	Teachers Lounge	Sink	Good	12/6/2019	
192987-07-023-01-02	2nd Floor Across From 208	Water Fountain	Good	12/6/2019	
192987-07-023-01-03	Kitchen At Entrance	Kitchen Sink	Good	12/6/2019	
192987-07-023-01-04	Center Of Kitchen	Kitchen Sink	Good	12/6/2019	
192987-07-023-01-05	Back Of Kitchen	Kitchen Sink	Good	12/6/2019	
192987-07-023-01-06	Kitchen	Ice Machine	Good	12/6/2019	
192987-07-023-01-07	2nd Floor Across From 201	Water Fountain	Good	12/6/2019	
192987-07-023-01-08	1st Floor Across From Nurse's Office	Water Fountain	Good	12/6/2019	
192987-07-023-01-09	Next to Room 104	Water Fountain	Good	12/6/2019	
192987-07-023-01-10	Old Gym Space	Water Fountain	Good	12/6/2019	
192987-07-023-01-11	Nurse's Office	Sink	Good	12/6/2019	

**Sample Count** 11

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	
Relinquished By	Michael Barth	12/6/2019	09:05	
Received By	Lauren Mitchell	12/6/2019	10:11	
Analyzed By	Craig Hudson	12/9/2019	16:00	