



October 10, 2023

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

**Attention:** Ms. Alicia Mojica

**Reference:** Water Sampling for Lead  
Esperanza Academy Charter School – High School  
Criterion's Project Number: **232419**

Dear Ms. Mojica,

On September 22, 2023, Colin Walker, an environmental technician of Criterion Laboratories, Inc. (Criterion) collected water samples to be analyzed for lead at locations used for drinking and cooking at the Esperanza Academy Charter School High School.

Criterion 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 Inductively Coupled Plasma Atomic Emission Spectroscopy (ICP-AES) Method.

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).

All samples collected were within acceptable limits. No additional sampling is required at this time.

Please feel free to call me with any questions at 215-244-1300, extension 1032.

Sincerely,

A handwritten signature in black ink, appearing to read 'M. Billingsley', is positioned above the typed name.

Melissa Billingsley  
Project Manager

Attachment



## ICP: Results of Lead in Drinking Water

Client	<u>Esperanza Charter School</u>	Site Address	<u>Esperanza Academy Charter School- Elementary, Middle and High School Highschool</u>	Sample Date	<u>9/22/2023</u>
Project #	<u>232419</u>			Sample Received Date	<u>9/22/2023</u>
Collected By	<u>Criterion Laboratories, Inc.</u>	Analyzed By	<u>Schwab, Andrew</u>	Sample Analysis Date(s)	<u>10/9/2023</u>

Sample Number	Collected	Location / Description	Lead (ppb)
232419-07-023-01-01	9/22/2023 07:10	Nurse's Office - Sink	< RL
232419-07-023-01-02	9/22/2023 07:12	Water Fountain next to Nurse's Office - Water Fountain	< RL
232419-07-023-01-03	9/22/2023 07:14	Water Fountain next to 104 - Water Fountain	< RL
232419-07-023-01-04	9/22/2023 07:17	Teacher's Lounge - Sink	< RL
232419-07-023-01-05	9/22/2023 07:19	Water Fountain next to 201 - Water Fountain	< RL
232419-07-023-01-06	9/22/2023 07:21	Water Fountain next to 208 - Water Fountain	< RL
232419-07-023-01-07	9/22/2023 07:25	Back of Kitchen - Sink	< RL
232419-07-023-01-08	9/22/2023 07:26	Entrance of Kitchen - Sink	< RL
232419-07-023-01-09	9/22/2023 07:27	Kitchen Ice Machine - Sink	< RL
232419-07-023-01-10	9/22/2023 07:29	Center of Kitchen - Sink	4.4

Sample Count 10

James A. Weltz, CIH, Technical Director

Reporting limit is 2.00 ppb. 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. Estimated accuracy, precision and uncertainty data available on request. 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 200.5: Determination of Trace Elements in Drinking Water by Axially Viewed Inductively Coupled Plasma - Atomic Emission Spectrometry and CLI Method 446

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** ICP-AES  
**Container** Bottle 250 ml  
**Project** 232419  
**Client** Esperanza Charter School  
**Site Address** Esperanza Academy Charter School-Elementary, Middle and High School  
**Location** Highschool  
**Turnaround** 2 Weeks  
**Field Tech** Colin Walker  
**Sample Notes**  
**Chain of Custody Notes**

## Additional Analytes

Sample Number	Location	Description	Received Condition	Date	Notes
232419-07-023-01-01	Nurse's Office	Sink	Good	9/22/2023	
232419-07-023-01-02	Water Fountain next to Nurse's Office	Water Fountain	Good	9/22/2023	
232419-07-023-01-03	Water Fountain next to 104	Water Fountain	Good	9/22/2023	
232419-07-023-01-04	Teacher's Lounge	Sink	Good	9/22/2023	
232419-07-023-01-05	Water Fountain next to 201	Water Fountain	Good	9/22/2023	
232419-07-023-01-06	Water Fountain next to 208	Water Fountain	Good	9/22/2023	
232419-07-023-01-07	Back of Kitchen	Sink	Good	9/22/2023	
232419-07-023-01-08	Entrance of Kitchen	Sink	Good	9/22/2023	
232419-07-023-01-09	Kitchen Ice Machine	Sink	Good	9/22/2023	
232419-07-023-01-10	Center of Kitchen	Sink	Good	9/22/2023	

**Sample Count** 10

Handling Chain Type	Handled By	Date	Time	Notes
Report Results To	Melissa Billingsley	9/22/2023		
Send Reports To	Esperanza Charter School	9/22/2023		
Samples Taken By	Colin Walker	9/22/2023	07:00	
Transported By	Colin Walker	9/22/2023	09:00	
Relinquished By	Colin Walker	9/22/2023	09:55	
Received By	Lauren Mitchell	9/22/2023	12:58	
Analyzed By	Andrew Schwab	10/9/2023	16:00	
Reviewed By	Collin Marrs	10/10/2023	09:02	