



July 20, 2023

Lower Moreland Township School District
2551 Murray Avenue
Huntingdon Valley, PA 19006

Attention: Mr. Lance Freeman

Reference: Water Sampling for Lead – Lower Moreland High School
555 Red Lion Road, Huntingdon Valley, PA
Criterion's Project Number: **231608**

Dear Mr. Freeman,

On July 11, 2023, Will Shaw, an Industrial Hygienist 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.

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).

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 1032.

Sincerely,

A handwritten signature in black ink, appearing to read 'Melissa Billingsley', written over a light blue horizontal line.

Melissa Billingsley
Project Manager

Attachment



ICP: Results of Lead in Drinking Water

Client	<u>Lower Moreland Township School District</u>	Site Address	<u>Lower Moreland High School 555 Red Lion Road Huntingdon Valley, PA 19006</u>	Sample Date	<u>7/11/2023</u>
Project #	<u>231608</u>	Analized By	<u>Schwab, Andrew</u>	Sample Received Date	<u>7/11/2023</u>
Collected By	<u>Criterion Laboratories, Inc.</u>			Sample Analysis Date(s)	<u>7/13/2023</u>

Sample Number	Collected	Location / Description	Lead (ppb)
231608-07-023-01-01	7/11/2023 07:20	Lower Moreland High School - Trainer's lobby fountain	< RL
231608-07-023-01-02	7/11/2023 07:22	Lower Moreland High School - Gym lobby fountain 1	< RL
231608-07-023-01-03	7/11/2023 07:24	Lower Moreland High School - Gym lobby fountain 2	< RL
231608-07-023-01-04	7/11/2023 07:26	Lower Moreland High School - Main lobby fountain	< RL
231608-07-023-01-05	7/11/2023 07:28	Lower Moreland High School - Main office fountain	< RL
231608-07-023-01-06	7/11/2023 07:30	Lower Moreland High School - Special education hallway fountain	< RL
231608-07-023-01-07	7/11/2023 07:32	Lower Moreland High School - Cafeteria hallway fountain	< RL
231608-07-023-01-08	7/11/2023 07:34	Lower Moreland High School - Auditorium lobby fountain	< RL
231608-07-023-01-09	7/11/2023 07:36	Lower Moreland High School - Music hallway fountain	< RL
231608-07-023-01-10	7/11/2023 07:38	Lower Moreland High School - 2nd floor across from room 209	< RL

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.

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Chain of Custody

Matrix Water - Potable
Analyte Lead
Analysis Type ICP-AES
Container Bottle 250 ml
Project 231608
Client Lower Moreland Township School District
Site Address Lower Moreland High School
 555 Red Lion Road
 Huntingdon Valley, PA 19006

Location
Turnaround 48 Hour
Field Tech Will Shaw
Sample Notes Fountains by 213 and 227 are broken

Chain of Custody Notes

Additional Analytes

Sample Number	Location	Description	Received Condition	Date	Notes
231608-07-023-01-01	Lower Moreland High School	Trainer's lobby fountain	Good	7/11/2023	
231608-07-023-01-02	Lower Moreland High School	Gym lobby fountain 1	Good	7/11/2023	
231608-07-023-01-03	Lower Moreland High School	Gym lobby fountain 2	Good	7/11/2023	
231608-07-023-01-04	Lower Moreland High School	Main lobby fountain	Good	7/11/2023	
231608-07-023-01-05	Lower Moreland High School	Main office fountain	Good	7/11/2023	
231608-07-023-01-06	Lower Moreland High School	Special education hallway fountain	Good	7/11/2023	
231608-07-023-01-07	Lower Moreland High School	Cafeteria hallway fountain	Good	7/11/2023	
231608-07-023-01-08	Lower Moreland High School	Auditorium lobby fountain	Good	7/11/2023	
231608-07-023-01-09	Lower Moreland High School	Music hallway fountain	Good	7/11/2023	
231608-07-023-01-10	Lower Moreland High School	2nd floor across from room 209	Good	7/11/2023	

Sample Count 10

Handling Chain Type	Handled By	Date	Time	Notes
Report Results To	Melissa Billingsley	7/11/2023		
Send Reports To	Lower Moreland Township School District	7/11/2023		
Samples Taken By	Will Shaw	7/11/2023	07:20	
Transported By	Will Shaw	7/11/2023	07:45	



Chain of Custody

Relinquished By	Will Shaw	7/11/2023	09:30
Received By	Lauren Mitchell	7/11/2023	09:38
Analyzed By	Andrew Schwab	7/13/2023	16:00
Reviewed By	Andrew Schwab	7/14/2023	09:39