

# **AEC** Advanced Environmental Corp.

September 20, 2023

Natalia Zawisny, PE  
Senior Project Manager, Campus Planning & Facilities  
161 William Street 8th Floor  
Pace University  
New York, New York 10038

**Re: Lead in Air Sampling – 4th & 5th Floors (Adjacent Parking Garage)  
161 William Street, New York, NY**

Dear Ms. Zawisny:

On June 19, 2023, Advanced Environmental Corp. (AEC) conducted lead air sampling on the 4<sup>th</sup> and 5<sup>th</sup> floors by the vacate zones at the above-noted project. The purpose of the sampling was to determine levels of lead in the air during demolition of the adjacent garage building. Please be advised that the area sampling is not intended to comply with OSHA PEL requirements. We reference the OSHA standards merely for comparison reasons.

Air samples were collected from the workers' breathing zone in compliance with OSHA regulations. The samples were analyzed by EMSL Analytical, Inc., a certified lead analytical laboratory located at 528 Mineola Avenue, Carle Place, NY using NIOSH Method 7082. These results can be found in Appendix A.

The OSHA standard does not define "lead-based materials," but does define acceptable worker exposure levels. The OSHA Action Level is 30 ug/m<sup>3</sup> over an 8-hour time weighted average (TWA) and the Permissible Exposure Limit (PEL) for workers is 50 ug/m<sup>3</sup> over an 8-hour TWA. Every employer with a workplace covered by the standard must use personal air monitoring to assess if the employees are exposed at or above these levels.

Air monitoring for airborne lead was conducted by AEC during activities that included demolition of the adjacent garage structure. **The analytical results were below the detection limit indicating no lead was detected in the samples.**

Attached please find a copy of the laboratory analytical data sheets. After your review of our report, please call me at (212) 545-1855 should you have any further questions.

Sincerely



Edward Namath  
Principal

3004.129

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# EMSL Analytical, Inc.

528 Mineola Avenue, Carle Place, NY 11514

Phone/Fax: (516) 997-7251 / (516) 997-7528

<http://www.EMSL.com>

[carleplacelab@emsl.com](mailto:carleplacelab@emsl.com)

EMSL Order:	062318014
CustomerID:	ADVA57
CustomerPO:	
ProjectID:	

Attn: **Edward Namath**  
**Advanced Environmental Corp.**  
**347 Fifth Avenue Suite 404**  
**New York, NY 10016**

Phone: (212) 545-1855  
 Fax: (212) 545-0757  
 Received: 9/20/2023 10:22 AM  
 Collected: 9/19/2023

Project: #3004.129, Pace University, 161 William Street, NY,NY, 4th and 5th Floor Adjacent Vacate Zone

## Test Report: Lead in Air by Flame AAS (NIOSH 7082)\*

<i>Client Sample Description</i>	<i>Lab ID</i>	<i>Collected</i>	<i>Analyzed</i>	<i>Volume</i>	<i>Lead Concentration</i>
9/19/23 JS 1	062318014-0001	9/19/2023	9/20/2023	2277 L	<1.8 µg/m <sup>3</sup>
Desc: North West Suble OWA (4th Floor)					
9/19/23 JS 2	062318014-0002	9/19/2023	9/20/2023	2277 L	<1.8 µg/m <sup>3</sup>
Desc: North West Suble OWA (5th Floor)					
9/19/23 JS 3	062318014-0003	9/19/2023	9/20/2023	N/A	<4.0 µg/filter
Desc: Field Blank					
9/19/23 JS 4	062318014-0004	9/19/2023	9/20/2023	N/A	<4.0 µg/filter
Desc: Field Blank					

James Han, Chemistry Laboratory Manager  
or other approved signatory

EMSL maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. Samples are within quality control criteria and met method specifications unless otherwise noted.

\* Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = µg/m<sup>3</sup> x volume sampled (m<sup>3</sup>). OSHA PEL - 50 µg/m<sup>3</sup>. OSHA action level - 30 µg/m<sup>3</sup>. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. Definitions of modifications are

Samples analyzed by EMSL Analytical, Inc. Carle Place, NY AIHA LAP, LLC-ELLAP Accredited #102344, CT PH-0249, NYS ELAP 11469, CA ELAP 2339

Initial report from 09/20/2023 14:12:34

