



EMSL Analytical, Inc.

10752 Baltimore Avenue Beltsville, MD 20705

Tel/Fax: (301) 937-5700 / (301) 937-5701

<http://www.EMSL.com> / beltsvillelab@emsl.com

EMSL Order: 192202003
Customer ID: ADVA51
Customer PO:
Project ID:

Attention: Alex Fridman Advanced Air Analysis, Inc 11 Warren Rd Baltimore, MD 21208	Phone: (410) 653-7676 Fax: (410) 486-5200 Received Date: 03/24/2022 08:50 AM Analysis Date: 03/24/2022 Collected Date: 03/23/2022
Project: POOLESVILLE HS/22147	

Test Report: Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) Performed by EPA 40 CFR Part 763 Appendix A to Subpart E

Sample	Location	Volume (Liters)	Area Analyzed (mm ²)	Non Asb	Asbestos Type(s)	#Structures		Analytical Sensitivity (S/cc)	Asbestos Concentration	
						≥0.5μ < 5μ	≥5μ		(S/mm ²)	(S/cc)
22147-032322-01 TEM	FINAL - INSIDE WA - GROUND LEVEL - CENTRAL HALLWAY - N SIDE - OUTSIDE CLASSRM 11	1235.00	0.0650	0	None Detected	0	0	0.0048	<15.00	<0.0048
192202003-0001										
22147-032322-02 TEM	FINAL - INSIDE WA - GROUND LEVEL - CENTRAL HALLWAY - N SIDE - OUTSIDE CLASSRM 9	1235.00	0.0650	0	None Detected	0	0	0.0048	<15.00	<0.0048
192202003-0002										
22147-032322-03 TEM	FINAL - INSIDE WA - GROUND LEVEL - SOUTH HALLWAY - E SIDE - OUTSIDE JUNIOR HIGH GYM	1235.00	0.0650	0	None Detected	0	0	0.0048	<15.00	<0.0048
192202003-0003										
22147-032322-04 TEM	FINAL - INSIDE WA - GROUND LEVEL - SOUTH HALLWAY - STORAGE RM 7 - SW CORNER	1235.00	0.0650	0	None Detected	0	0	0.0048	<15.00	<0.0048
192202003-0004										
22147-032322-05 TEM	FINAL - INSIDE WA - GROUND LEVEL - SOUTH HALLWAY - W SIDE - OUTSIDE CLASSRM 6	1235.00	0.0650	0	None Detected	0	0	0.0048	<15.00	<0.0048
192202003-0005										

Analyst(s)

Joe Centifonti (5)

Joe Centifonti, Laboratory Manager
or other approved signatory

Initial report from: 03/24/2022 13:29 PM



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Sample	Location	Volume (Liters)	Area		Asbestos Type(s)	#Structures		Analytical Sensitivity (S/cc)	Asbestos Concentration	
			Analyzed (mm ²)	Non Asb		≥0.5μ < 5μ	≥5μ		(S/mm ²)	(S/cc)

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. This report must not be used to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government. Results reported in structures/cm3 are not covered by the laboratory's NVLAP accreditation. Measurement of uncertainty available upon request.

Samples analyzed by EMSL Analytical, Inc. Beltsville, MD NVLAP Lab Code 200293-0



EMSL ANALYTICAL, INC.
LABORATORY PRODUCTS TRAINING

Asbestos Chain of Custody
EMSL Order Number (Lab Use Only):

192202003

PHONE:
FAX:

Company Name : Advanced Air Analysis, Inc		EMSL Customer ID:	
Street: P.O. Box 525		City: Owings Mills	State/Province: Maryland
Zip/Postal Code: 21117	Country: US	Telephone #: 410-653-7676	Fax #:
Report To (Name): Alex Fridman		Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email	
Email Address: alexf@aaanalysis.com		Purchase Order:	
Project Name/Number: Poolesville HS / 22147		EMSL Project ID (Internal Use Only)	
U.S. State Samples Taken: Maryland		CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt	

EMSL-Bill to: Same Different - if Bill to is Different note instructions in Comments**
Third Party Billing requires written authorization from third party

Turnaround Time (TAT) Options* - Please Check

3 Hour 6 Hour 24 Hour 48 Hour 72 Hour 96 Hour 1 Week 2 Week

*For TEM Air 3 hr through 6 hr, please call ahead to schedule. *There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide

<p>PCM - Air <input type="checkbox"/> Check if samples are from NY</p> <p><input type="checkbox"/> NIOSH 7400</p> <p><input type="checkbox"/> w/ OSHA 8hr. TWA</p>	<p>TEM - Air <input type="checkbox"/> 4-4.5hr TAT (AHERA only)</p> <p><input checked="" type="checkbox"/> AHERA 40 CFR, Part 763</p> <p><input type="checkbox"/> NIOSH 7402</p> <p><input type="checkbox"/> EPA Level II</p> <p><input type="checkbox"/> ISO 10312</p>	<p>TEM - Dust</p> <p><input type="checkbox"/> Microvac - ASTM D 5755</p> <p><input type="checkbox"/> Wipe - ASTM D6480</p> <p><input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167)</p>
<p>PLM - Bulk (reporting limit)</p> <p><input type="checkbox"/> PLM EPA 600/R-93/116 (<1%)</p> <p><input type="checkbox"/> PLM EPA NOB (<1%)</p> <p>Point Count</p> <p><input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%)</p> <p>Point Count w/Gravimetric</p> <p><input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%)</p> <p><input type="checkbox"/> NYS 198.1 (friable in NY)</p> <p><input type="checkbox"/> NYS 198.6 NOB (non-friable-NY)</p> <p><input type="checkbox"/> NYS 198.8 SOF-V</p> <p><input type="checkbox"/> NIOSH 9002 (<1%)</p>	<p>TEM - Bulk</p> <p><input type="checkbox"/> TEM EPA NOB</p> <p><input type="checkbox"/> NYS NOB 198.4 (non-friable-NY)</p> <p><input type="checkbox"/> Chatfield SOP</p> <p><input type="checkbox"/> TEM Mass Analysis-EPA 600 sec. 2.5</p> <p>TEM - Water: EPA 100.2</p> <p>Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking</p> <p>All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking</p>	<p>Soil/Rock/Vermiculite</p> <p><input type="checkbox"/> PLM EPA 600/R-93/116 with milling prep (<1%)</p> <p><input type="checkbox"/> PLM EPA 600/R-93/116 with milling prep (<0.25%)</p> <p><input type="checkbox"/> TEM EPA 600/R-93/116 with milling prep (<0.1%)</p> <p><input type="checkbox"/> TEM Qualitative via Filtration Prep</p> <p><input type="checkbox"/> TEM Qualitative via Drop Mount Prep</p> <p><input type="checkbox"/> Cincinnati Method EPA 600/R-04/004 - PLM/TEM (BC only)</p> <p>Other:</p> <p><input type="checkbox"/></p>

Check For Positive Stop - Clearly Identify Homogenous Group Filter Pore Size (Air Samples): 0.8µm 0.45µm

Samplers Name: Dmitriy Sagan Samplers Signature: *Dmitriy Sagan*

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
22147-032322-01 TEM	Final - Inside WA - Ground Level - Central Hallway - North Side - Outside Classroom 11	1,235 L	03-23-22
22147-032322-02 TEM	Final - Inside WA - Ground Level - Central Hallway - North Side - Outside Classroom 9	1,235 L	
22147-032322-03 TEM	Final - Inside WA - Ground Level - South Hallway - East Side - Outside Junior High Gym	1,235 L	
22147-032322-04 TEM	Final - Inside WA - Ground Level - South Hallway - Storage Room 7 - SW Corner	1,235 L	
22147-032322-05 TEM	Final - Inside WA - Ground Level - South Hallway - West Side - Outside Classroom 6	1,235 L	↓

Client Sample # (s): 22147-032322-01 TEM - 13 TEM Total # of Samples: 13

Relinquished (Client): Dmitriy Sagan Date: 03-23-22 Time:
 Received (Lab): *Z. Bonworth Drop Box* Date: 3/24/22 Time: 8:50 am

Comments/Special Instructions:
 **PLEASE ANALYZE SAMPLES 01 - 05 ONLY
 **SAMPLES COLLECTED USING AHERA (AGGRESSIVE) METHODS

