



Guzek Associates, Inc.

**Mechanical, Electrical, Structural,
Environmental, and Architectural Engineering**

**Phone: (570) 586-9700
Fax: (570) 586-6728
Email: guzekassoc@aol.com**

**401 DAVIS STREET
CLARKS SUMMIT, PA 18411-1837**

February 6, 2020

Mr. Paul Dougherty
Director of Operations
Scranton School District
425 North Washington Avenue
Scranton, PA 18503

Reference: Francis Willard Elementary School – Air Quality Background Testing

Dear Mr. Dougherty,

On February 4, 2020, Guzek Associates, Inc. (GAI) performed asbestos background air sampling in Rooms 202, 207, and 212 at Francis Willard Elementary School.

Sampling was conducted to measure the background levels before any additional stabilization activities were performed by Datom Products.

At each sample location, Guzek Associates performed asbestos air sampling utilizing a high volume vacuum pump attached to TEM cassettes. Each pump at each sample location was calibrated immediately prior to and immediately following sample collection.

Samples were collected for approximately two (2) hours at an airflow rate of 10.0 liters per minute (lpm). All asbestos TEM samples were Federal Expressed to an accredited laboratory for analysis with a 6-hour turnaround time.

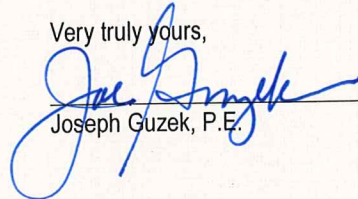
The TEM test report is attached to this report.

Report Summary:

No structures (asbestos fibers) were detected in any air samples collected from these above referenced classrooms.

Should you have any questions on this report, please feel free to call me.

Very truly yours,



Joseph Guzek, P.E.

Attachments:

Chain-of-Custodies (1 page)
TEM Results (1 pages)



EMSL ANALYTICAL, INC.
LABORATORY PRODUCTS TRAINING

Asbestos Chain of Custody

EMSL Order Number (Lab Use Only):

042003022

EMSL Analytical, Inc.

200 Route 130 North

Cincinnati, OH 45207

PHONE: 1-800-220-3675
2020 FEB 5 (856) 786-5974

AM 9:48

Company Name : Guzek Associates, Inc		EMSL Customer ID:	
Street: 401 Davis Street		City: Clarks Summit	State/Province: PA
Zip/Postal Code: 18411	Country: US	Telephone #: 5705869700	Fax #: 570-586-6728
Report To (Name): Joseph Guzek		Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email	
Email Address: guzekassoc@aol.com		Purchase Order:	
Project Name/Number: W111120		EMSL Project ID (Internal Use Only):	
U.S. State Samples Taken: PA		CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt	
EMSL-Bill to: <input checked="" type="checkbox"/> Same <input type="checkbox"/> 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			
<input type="checkbox"/> 3 Hour <input checked="" type="checkbox"/> 6 Hour <input type="checkbox"/> 24 Hour <input type="checkbox"/> 48 Hour <input type="checkbox"/> 72 Hour <input type="checkbox"/> 96 Hour <input type="checkbox"/> 1 Week <input type="checkbox"/> 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.			
PCM - Air <input type="checkbox"/> Check if samples are from NY <input type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA PLM - Bulk (reporting limit) <input type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <input type="checkbox"/> PLM EPA NOB (<1%) Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) <input type="checkbox"/> NYS 198.1 (friable in NY) <input type="checkbox"/> NYS 198.6 NOB (non-friable-NY) <input type="checkbox"/> NYS 198.8 SOF-V <input type="checkbox"/> NIOSH 9002 (<1%)		TEM - Air <input type="checkbox"/> 4-4.5hr TAT (AHERA only) <input checked="" type="checkbox"/> AHERA 40 CFR, Part <input type="checkbox"/> 763 NIOSH 7402 <input type="checkbox"/> EPA Level II <input type="checkbox"/> ISO 10312 TEM - Bulk <input type="checkbox"/> TEM EPA NOB <input type="checkbox"/> NYS NOB 198.4 (non-friable-NY) <input type="checkbox"/> Chatfield SOP <input type="checkbox"/> TEM Mass Analysis-EPA 600 sec. 2.5 TEM - Water: EPA 100.2 Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	
TEM - Dust <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167)		Soil/Rock/Vermiculite <input type="checkbox"/> PLM EPA 600/R-93/116 with milling prep (<1%) <input type="checkbox"/> PLM EPA 600/R-93/116 with milling prep (<0.25%) <input type="checkbox"/> TEM EPA 600/R-93/116 with milling prep (<0.1%) <input type="checkbox"/> TEM Qualitative via Filtration Prep <input type="checkbox"/> TEM Qualitative via Drop Mount Prep <input type="checkbox"/> Cincinnati Method EPA 600/R-04/004 - PLM/TEM (BC only) Other: <input type="checkbox"/>	
<input type="checkbox"/> Check For Positive Stop - Clearly Identify Homogenous Group		Filter Pore Size (Air Samples): <input type="checkbox"/> 0.8µm <input type="checkbox"/> 0.45µm	
Samplers Name: Chris Notari		Samplers Signature: <i>Chris Notari</i>	
Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
W11-212	Room 212	1210 liters	2/4/20 3:34p
W11-207	Room 207	1200 liters	3:48p
W11-202	Room 202	1200 liters	3:55p
Client Sample # (s): W11212, W11207, W11202		Total # of Samples: 307	
Relinquished (Client): <i>Chris Notari</i>		Date: 2/4/20	Time: 6:00pm
Received (Lab): <i>CB</i>		Date: 2-5-20	Time: 9:40
Comments/Special Instructions:			

**EMSL Analytical, Inc.**

200 Route 130 North Cinnaminson, NJ 08077
Tel/Fax: (800) 220-3675 / (856) 786-5974
http://www.EMSL.com / cinnaslab@EMSL.com

EMSL Order: 042003022

Customer ID: CLAG50

Customer PO:

Project ID:

Attention: Joseph Guzek
Guzek Associates, Inc.
401 Davis Street
Clarks Summit, PA 18411

Phone: (570) 586-9700**Fax:** (570) 586-6728**Received Date:** 02/05/2020 09:40 AM**Analysis Date:** 02/05/2020**Collected Date:** 02/04/2020**Project:** Willard

**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)
WILL-212 042003022-0001	Room 212	1210.00	0.0655	0	None Detected	0	0	0.0049	<15.00	<0.0049
WILL-207 042003022-0002	Room 207	1200.00	0.0655	0	None Detected	0	0	0.0049	<15.00	<0.0049
WILL-202 042003022-0003	Room 202	1200.00	0.0655	0	None Detected	0	0	0.0049	<15.00	<0.0049

Analyst(s)

Sandy Burany, Ph.D (3)

Samantha Rundstrom, Laboratory Manager
or other approved signatory

EMSL maintains liability limited to cost of analysis. 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. Interpretation and use of test results are the responsibility of the client. This report must not be used to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government. EMSL is not responsible for data reported in structures/cc, which is dependent on volume collected by non-laboratory personnel. Samples received in good condition unless otherwise noted. The test results meet the requirements of NELAC unless otherwise noted. Estimated accuracy, precision and uncertainty data available upon request.

Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NVLAP Lab Code 101048-0, AIHA-LAP, LLC-IHLAP Lab 100194, NYS ELAP 10872, NJ DEP 03036, PA ID# 68-00367, LA #04127

Initial report from: 02/05/2020 14:10 PM

ASB_TEMAHERA_0004_0001 Printed: 2/5/2020 2:10:09PM

Page 1 of 1