



October 12, 2017

Mr. Stephen J. Brennan, MBA, CPA
Business Administrator/Board Secretary
Pinelands Regional School District
520 Nugentown Road, Little Egg Harbor, New Jersey 08087

Reference: Asbestos Air Monitoring
Pinelands Regional High School
TTI Project No. 17-1224

Dear Mr. Brennan:

In response to your request, TTI Environmental, Inc. (TTI) performed asbestos air sampling at the above referenced location on October 11, 2017. The air samples were collected as a result of a roofing project that may have potentially contaminated the indoor space. Air samples were collected throughout the building to verify asbestos concentrations throughout the building. All air sampling was performed by a New Jersey Licensed Asbestos Safety Technician who conducted the sampling using aggressive methods (fans/leaf blowers) to agitate any settle fibers. Samples were analyzed via Transmission Electron Microscopy (TEM) Analyze. The following project summary details events, applicable test results and observations.

PROJECT SUMMARY

ASBESTOS AIR SAMPLING				
DATE	EVENT	LOCATION	ASBESTOS STRUCTURES	TESTING RESULT
10/11/17	Asbestos TEM Air Sampling	63. 176 – By Entrance	None Detected	<16.0 s/mm ² by TEM
		64. 176 – Center of Room	None Detected	<16.0 s/mm ² by TEM
		65. 176 – Dark Room	None Detected	<16.0 s/mm ² by TEM
		66. 176 – Lab	None Detected	<16.0 s/mm ² by TEM
		67. 176 – Office	None Detected	<16.0 s/mm ² by TEM
s/mm ² = structures per millimeter squared; TEM = Transmission Electron Microscopy. AHERA/NJDCA Clearance Standard - < 70 structures/millimeter ² (s/mm ²) by TEM				

A total of five (5) samples were collected from the Pinelands Regional High School on October 11, 2017. Of the five (5) samples collected, all five (5) were non-detected for asbestos fibers. The laboratory analytical reports are attached to this report. **All asbestos air samples were below the Federal Asbestos Hazard Emergency Response Act (AHERA) and New Jersey Department of Community Affairs (NJCA) asbestos abatement final clearance air sampling limit for re-occupancy of < 70 structures per millimeter by Transmission Electron Microscopy (TEM).**

If you should have any questions or require additional information, please feel free to contact me at any time.

Sincerely,

TTI ENVIRONMENTAL, INC.

James A. Guilardi
James A. Guilardi
Senior Project Manager



ASBESTOS AIR SAMPLING ANALYSIS RESULTS



EMSL Analytical, Inc.

200 Route 130 North Cinnaminson, NJ 08077

Tel/Fax: (800) 220-3675 / (856) 786-5974

<http://www.EMSL.com> / cinnasblab@EMSL.com

EMSL Order: 041729687

Customer ID: TTIE54

Customer PO: 023642

Project ID:

Attention: Jim Guilardi
TTI Environmental Inc.
1253 North Church Street
Moorestown, NJ 08057

Phone: (856) 840-8800

Fax: (856) 840-8815

Received Date: 10/11/2017 7:20 PM

Analysis Date: 10/11/2017

Collected Date: 10/11/2017

Project: 17-1224 / Pinelands Regional / Pinelands Regional HS

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)
63	176 - By Entrance	1250.00	0.0635	0	None Detected			0.0049	<16.00	<0.0049
041729687-0001										
64	176 - Center of Room	1240.00	0.0635	0	None Detected			0.0049	<16.00	<0.0049
041729687-0002										
65	176 - Dark Room	1240.00	0.0635	0	None Detected			0.0049	<16.00	<0.0049
041729687-0003										
66	176 - Lab	1230.00	0.0635	0	None Detected			0.0049	<16.00	<0.0049
041729687-0004										
67	176 - Office	1220.00	0.0635	0	None Detected			0.0050	<16.00	<0.0050
041729687-0005										

Analyst(s)

Debbie Little (5)

Benjamin Ellis, 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

Initial report from: 10/11/2017 22:54:47

AS
 PO# 023642
 041729687

6 W TAT

1253 North Church Street, Moorestown, NJ 08057
 856-840-8800 Fax 856-840-8815



SAMPLING DATA AND CHAIN OF CUSTODY RECORD

PCM TEM (Circle One) DURINGS POST

PROJECT #	CLIENT	TTI PROJECT MANAGER	TIMES		FLOW RATE			TOTAL VOLUME	FIBER COUNT (fibers/field)	FIBER DENSITY (f/mm ³)	FIBER CONCENTRATION (fibers/cc)
			START	STOP	TOTAL	INITIAL	FINAL				
17-1224	Pinelands Regional	Guilardi	15:20	17:25	125	10	10	1250			
63 57	176 - By Entrance		15:21	17:25	124	10	10	1240			
64 07	Center of Room		15:22	17:26	124	10	10	1240			
65 2/0	Pack Room		15:23	17:24	123	10	10	1230			
66 59	Lab		15:25	17:27	122	10	10	1220			
67 12	Office										
68 -	Blank										
69 -	Blank										

RECEIVED
 EMSL
 CINNAMINSON, N.J.
 2011 OCT 11 P 7 19

PROJECT # 17-1224 CLIENT: Pinelands Regional TTI PROJECT MANAGER: Guilardi Stocku Seaman
 SAMPLER(S) A. CUNTORE FACILITY: Pinelands Regional HS SAMPLING DATE: 10-11-17

Relinquished by: (Signature) [Signature] Date: 10-11-17 Time: 7:20 PM
 Relinquished by: (Signature) [Signature] Date: 10-11-17 Time: []
 Analyst: (Signature) [Signature] Date: [] Time: []

Received by: (Signature) [Signature] Date: 10/11/17 Time: 7:20 PM
 Received by: (Signature) [Signature] Date: [] Time: []

Rotameter #: 3
 Filter Manufacturer: Zefon
 Lot #: 42674

Comments: e-mail all results and COP to: ih-lab@ttienv.com

FOR TEM ANALYSIS ONLY: DO NOT ANALYZE BLANKS