



TTI ENVIRONMENTAL, INC
Consulting & Contracting

1253 North Church Street, Moorestown, NJ 08057
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October 11, 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 10, 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
10/10/17	Asbestos TEM Air Sampling	56. Room 177	None Detected	<13.0 s/mm ² by TEM
		57. Room 178	None Detected	<13.0 s/mm ² by TEM
		58. Hallway by Room 179	None Detected	<13.0 s/mm ² by TEM
		59. Room 179	None Detected	<13.0 s/mm ² by TEM
		60. Room 180	None Detected	<13.0 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 10, 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.

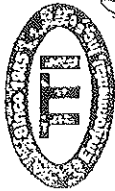

James A. Guilardi
Senior Project Manager



ASBESTOS AIR SAMPLING ANALYSIS RESULTS

041729554

6 hr TAT



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

SAMPLING DATA AND CHAIN OF CUSTODY RECORD

PCM (Circle One) TEM (Circle One) DURINGS (POST)

PO-023642

SAMPLE #	PUMP #	SAMPLE LOCATION	TIMES			FLOW RATE		TOTAL VOLUME	FIBER COUNT (fibers/field)	FIBER DENSITY (f/mm ²)	FIBER CONCENTRATION (fibers/cc)
			START	STOP	TOTAL	INITIAL	FINAL				
56	57	ROOM 177	3:50	5:30	120	10	10	1200			
57	81	ROOM 178	3:32	5:32	120	10	10	1200			
58	52	HALLWAY by RM 179	3:31	5:36	121	10	10	1210			
59	004	ROOM 179	3:41	5:46	121	10	10	1210			
60	57	ROOM 180	3:49	5:49	120	10	10	1200			
61	-	BLANK									
62	-	BLANK									

RECEIVED
EMSL
CINNAMINSON, NJ
2017 OCT 10 P 7:20

PROJECT #: 11-1224 CLIENT: Pines Blvd Reg. H.S. TTI PROJECT MANAGER: Gullardi Stocku Seaman
 SAMPLER(S): J. O'GARRA PRESENT CONTACT: A. G. P. FACILITY: Pines Blvd Reg. H.S. SAMPLING DATE: 10/10/17

Received by: (Signature) <i>[Signature]</i>	Date: 10/10/17	Time: 17:37
Received by: (Signature) <i>[Signature]</i>	Date: 10/10/17	Time: 7:20 pm
Analyst: (Signature) <i>[Signature]</i>	Date: 10/10/17	Time: 7:20 pm
Rotameter #: TTI 114	IPQ #: 023642	Turn Around Time: 6
Filter Manufacturer: Zefon	Lot #: 48040	

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

FOR TERMINAL ANALYSIS ONLY: DO NOT ANALYZE BLANKS



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: 041729554
Customer ID: TTIE54
Customer PO: 023642
Project ID:

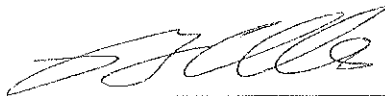
Attention: Jim Guilardi
TTI Environmental Inc.
1253 North Church Street
Moorestown, NJ 08057
Phone: (856) 840-8800
Fax: (856) 840-8815
Received Date: 10/10/2017 7:00 PM
Analysis Date: 10/10/2017 - 10/11/2017
Collected Date:
Project: 17-1224 / Pineland Reg. H.S.

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 ≥0.5μ < 5μ ≥5μ	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm ²)	(S/cc)
56	Room 177	1200.00	0.0762	0	None Detected		0.0042	<13.00	<0.0042
041729554-0001									
57	Room 178	1200.00	0.0762	0	None Detected		0.0042	<13.00	<0.0042
041729554-0002									
58	Hallway by Rm 179	1210.00	0.0762	0	None Detected		0.0042	<13.00	<0.0042
041729554-0003									
59	Room 179	1210.00	0.0762	0	None Detected		0.0042	<13.00	<0.0042
041729554-0004									
60	Room 180	1200.00	0.0762	0	None Detected		0.0042	<13.00	<0.0042
041729554-0005									

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

Report amended: 10/11/2017 08:43:13 Replaces initial report from: 10/11/2017 00:25:21 Reason Code: Data Entry-Change to Project ID