



The First Choice for Environmental Testing & Consulting

December 10, 2001

Gateway Plaza Management Corporation
375 South End Avenue
New York, New York 10280

Subject: Random Air Sampling-Ambient Air Monitoring: Gateway Plaza Buildings
Sampling Date(s): November 29, 30, December 3, 4, 5, & 6

Gentlemen:

Please find enclosed the air monitoring report performed at the above referenced address in the 100, 200, 300, 400 & 500. Air sampling was conducted via Transmission Electron Microscopy (TEM) analysis at the request of the owner.

ATC Associates (ELAP #10879) analyzed the samples using the Transmission Electron Microscopy (TEM) Methodology. The results indicated that the areas achieved the acceptance criteria below <70 structures per mm² set by the federal regulations. (Please See Attached TEM Report)

According to the EPA, "In evaluating data from the World Trade Center and the surrounding areas, EPA is using a protective standard under AHERA, the Asbestos Hazard Emergency Response Act, to evaluate the risk from asbestos in the outdoor and indoor air. This is a very stringent standard that is used to determine whether children may re-enter a school building after asbestos has been removed or abated. It is based on assumptions of long-term exposure. EPA has chosen to use this standard, because it is the most stringent and protective, even though it is unlikely that the public will be exposed to asbestos from the World Trade Center site for extended periods of time.

To determine asbestos levels, air filters are collected from monitoring equipment through which air in the school building has passed and viewed through a microscope. The number of structures - material that has asbestos fibers on or in it - is then counted. The measurements must be 70 or fewer structures per square millimeter before children are allowed inside.

There is also a federal standard for asbestos exposure under OSHA, the Occupational Safety and Health Act, which is used to protect workers on-the-job. The standard is 1 fiber per cubic centimeter averaged over an eight-hour day. To be as protective as possible, EPA is using the school re-entry standard in tests around the World Trade Center.

Levels above 70 structures per square millimeter do NOT imply an immediate health threat. Asbestos exposure becomes a health concern when high concentrations of asbestos fibers are inhaled over a long period. Illness is very unlikely to result from a single, high-level exposure, or from a short period of exposure to lower levels."

The air samples were collected by Americo Rodriguez Jr. ((License #AH 89-07160)) NY State Department of Labor Project Monitor.

Sincerely,

Joshua Sarett
ALC Environmental Incorporated

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NYC-WTC_000121138

Scope of Work

2.1 Air Sampling Procedures

ALC's licensed technician collected air samples using the TEM Methodology.

The air samples were collected using high volume air sampling pumps. Once the pumps were in place the air sampling technician recorded the location, time, date, sample numbers, pump number, flow rate, start and stop times and his initials.

The air cassette was independent of the pump motor. This is to prevent the vibrations of the motor from affecting the fibers in the cassette. A separate stand or tripod was used to hold the cassette in place. The cassette was angled 45 degrees downward from the horizontal stand. This is to insure that no asbestos will drop into the cassette while sampling.

Using a rotameter, we calibrated each pump to the required flow rate, noting this rate on the sample record. After calibrating the pumps, the end cap from the cassette was removed; the pump was turned on and run for the required amount of time.

The sampling pumps were checked periodically to ensure they were still operating, the cassettes were still in place, and no one has disturbed the equipment. If at any time the area being sampled was suspected of having high fiber counts, the filter inside the cassettes were examined for "overloading", or an excessive amount of fibers and/or debris on the filter.

When the pre-determined volume of air has been collected, the technician then calibrated the sampling pump again to determine the current flow rate. This rate will often be different from the flow rate measured at the beginning of the sampling period. That difference is usually due to the clogging of the filter, thereby adding increased resistance to the flow of air.

Once the pre-determined volume of air has been reached, the time was recorded as well as on the cassette. Before the pump was turned off, the cassette was angled upward and the cap replaced and the end plug. The cassettes were placed in sealed containers, labeled with an identifying code and a sample log was kept. The samples were then submitted to the laboratory to be analyzed for asbestos content. A chain of custody record was prepared and accompanied the samples to the laboratory.

2.2 Asbestos Analysis and Methodology

Each air sample is cross-referenced by field designation and lab internal code to ensure proper, consistent handling through a chain of custody. Sample preparation takes place within a HEPA Filter clean bench to avoid any possible contamination. Air sampling was conducted at a level approximating the breathing zone of persons anticipated to be present in the area during normal operations. Samples collected represent the typical airborne fiber concentration of the area.

3. Findings and Conclusions

Forty (40) air samples were collected and analyzed via TEM Methodology. The results indicated that the areas achieved the acceptance criteria below <70 structures per mm² set by the above regulations.

4. Limitations and Exclusions

All the professional opinions presented in this report are based solely on the scope of work conducted and sources referred to in our report. The data presented by ALC in this report was collected and analyzed using generally accepted industry methods and practices at the time the report was generated. This report represents the conditions, locations, and materials that were observed at the time the fieldwork was conducted. No inferences regarding other conditions, locations, or materials, at a later or earlier time may be made based on the contents of the report. No other warranty, express or limited is made. ALC's liability and that of its contractors and subcontractors, arising from any services rendered hereunder, shall not exceed the total fee paid by the client to ALC for this project. This report was prepared for the sole use of our client. The use of this report by anyone other than our client or ALC is strictly prohibited without the expressed written consent of ALC. Portions of this report may not be used independent of the entire report.



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PLEASE DELIVER IMMEDIATELY

DATE: 12/11/01
 TO: Marc Rutslein
 COMPANY: _____
 PHONE NO: _____
 FAX NO: 914-762-5578
 FROM: Joshua Sarett
 ALC PHONE NUMBER: (212) 279-1001
 TOTAL NUMBER OF PAGES (INCLUDING THIS COVER SHEET): 17

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104 East 25th Street
New York, New York 10010
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212 353 8280
Fax 212 353 8306

November 30, 2001

ALC Environmental
115 W. 30th Street
New York, NY 10001
Attn: Mr. Joshua Sarett

Re: Report of TEM Analysis

Dear Mr. Sarett:

Following are the results of transmission electron microscopy (TEM) analysis of air samples from our Group No. 6001.

Client: Gateway Plaza Mngt. Corp.
Project Name: Building 400 at Gateway Plaza - 375 South End Ave.
Location: 17th Floor
Samples received: 11/30/01

These results will confirm and document the data transmitted today to you. The analyses were performed in strict conformance with the methodology of the AHERA Final Rule (CFR October 30, 1987) for clearance of abatement sites. The results are as indicated on the attached document.

Results reported as Struct/cc are a function of air volume collected in the field and are, as such, not verifiable by this laboratory. This report may be reproduced only in its entirety and not without prior permission of this laboratory. If the post-abatement inside samples pass, the response action may be considered to have been completed. The analyses were supervised by Dr. Michael A. Gorycki, Director of Electron Microscopy.

We are pleased to note that our TEM lab has received full accreditation from NVLAP, as is currently required for recognized analysis of TEM air samples for AHERA projects, and also approval under the NY State DOH ELAP program. These analyses were performed by ATC d/b/a ATC Associates Inc.

Please contact me regarding any questions relating to these materials

Very truly yours,

A handwritten signature in dark ink, appearing to read 'Michael A. Gorycki', written in a cursive style.

Michael A. Gorycki, Ph.D.
Director of Electron Microscopy

ATC Associates

104 East 25 Street, New York, NY 10010

Phone: (212) 353-8280

Fax: (212) 353-8306



Attn: Mr. Joshua Sarett
ALC Environmental

115 W. 30th Street

New York

NY 10001

Fax: (212) 279-6747

Phone: (212) 279-1001

Received: 11/30/01 7:00:00 AM

ATC Group #: 6001

Analysis Date: 11/30/01

Project: Gateway Plaza Management

375 Southern Avenue, Bldg 400, NYC

**Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) Performed
by EPA 40 CFR Part 763 Final Rule (AHERA)**

Sample	Volume	Area Analyzed	Non Asb	Asbestos Type(s)	Structures		Analytical Sensitivity (S/cc)	Asbestos Concentration		Notes
					0.5µ-5	5µ		(S/mm ²)	(S/cc)	
1 6001 -1	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
2 6001 -2	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
3 6001 -3	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
4 6001 -4	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
5 6001 -5	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
6 6001 -6	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
7 6001 -7	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
8 6001 -8	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	

MARK PEYSAKHOV

Analyzed by

MICHAEL A. GORYCKI, Ph.D.

Approved by

Disclaimer: The laboratory is not responsible for data reported in structures/cc, which is dependent on volume collected by non-laboratory personnel. This lab is only responsible for data reported in structures/mm². This report may not be reproduced, except in full, without written approval by ATC Associates Inc. This report may not be used to claim product endorsement by NVLAP or any other agency of the U.S. Government. This report relates only to the samples reported above. Quality control data (including 95% confidence limits and laboratory and analysts' accuracy and precision) is available upon request.

Accredited for NVLAP PLM/TEM #101187-0, NY State ELAP #10879

6000

- 8 -

Client: Gateway Plaza Mgmt. Date: 11-29-01
 Sampled By: A. Corriugues Jr. Rotometer #: #2 Project #:
 Work Area: 375 Southend Ave. NYC - Bldg. 400 - 17th Flr. Cassette EMS #1506



Sample # Lab #	Sample Location	Code	Time		Total Minutes	Flow Rate		Total Volume	# Fibers /100 Fields	Results (f/cc)
			Start	Stop		Start	Stop			
1	Apt# <u>PII</u> - <u>Living Rm.</u>	4	1030	1330	180	10.0	10.0	1800		
2	<u>17th floor hallway middle.</u>	4	1032	1332	180	10.0	10.0	1800		
3	Apt# <u>PII</u> - <u>Living Rm.</u>	4	1034	1334	180	10.0	10.0	1800		
4	Apt# <u>PII</u> - <u>Living Rm.</u>	4	1036	1336	180	10.0	10.0	1800		
5	Apt# <u>PII</u> - <u>Living Rm.</u>	4	1400	1700	180	10.0	10.0	1800		
6	<u>17th floor hallway middle.</u>	4	1403	1703	180	10.0	10.0	1800		
7	Apt# <u>PII</u> - <u>Living Rm.</u>	4	1406	1706	180	10.0	10.0	1800		
8	Apt# <u>PII</u> - <u>Living Rm.</u>	4	1408	1708	180	10.0	10.0	1800		

Codes: 1. Pre-Test 2. Project 3. Final 4. Investigative 5. Personal 6. During A. Aggressive D. Dormant I. Inside Work Area O. Outside Work Area B. Excursion T. TWA

Analysis: ☒ TEM AHERA ☐ TEM P100/200 ☐ PCM NIOSH 7400 ☐ Tensured ☐ ASAP ☐ Same Day (12hr) ☒ 2 Day (48hr) ☒ 3 days

Relinquished Analyst: [Signature] Date/Time: Received: ATC JD Date/Time: 11/30/01 7am
 Analyst: [Signature] Disposal By/Date: 11/30 15:20

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December 3, 2001

ALC Environmental
115 W. 30th Street
New York, NY 10001
Attn: Mr. Joshua Sarett

Re: Report of TEM Analysis

Dear Mr. Sarett:

Following are the results of transmission electron microscopy (TEM) analysis of air samples from our Group No. 6012.

Client: Gateway Plaza Mngt. Corp.
Project Name: Building 500 at Gateway Plaza - 385 South End Ave.
Location: 3rd Floor
Samples received: 12/01/01

These results will confirm and document the data transmitted today to you. The analyses were performed in strict conformance with the methodology of the AHERA Final Rule (CFR October 30, 1987) for clearance of abatement sites. The results are as indicated on the attached document.

Results reported as Struct/cc are a function of air volume collected in the field and are, as such, not verifiable by this laboratory. This report may be reproduced only in its entirety and not without prior permission of this laboratory. If the post-abatement inside samples pass, the response action may be considered to have been completed. The analyses were supervised by Dr. Michael A. Gorycki, Director of Electron Microscopy

We are pleased to note that our TEM lab has received full accreditation from NVLAP, as is currently required for recognized analysis of TEM air samples for AHERA projects, and also approval under the NY State DOH ELAP program. These analyses were performed by ATC d/b/a ATC Associates Inc

Please contact me regarding any questions relating to these materials.

Very truly yours,

Michael A. Gorycki, Ph.D.
Director of Electron Microscopy

ATC Associates

104 East 25 Street, New York, NY 10010

Phone: (212) 353-8280 Fax: (212) 353-8306

Attn: Mr Joshua Sarent
ALC Environmental

115 W 30th Street

New York

NY 10001

Fax: (212) 279-6747

Phone: (212) 279-1001

Received: 12/1/01 2:00:00 PM

ATC Group #: 6012

Analysis Date: 12/3/01

Project: Gateway Plaza Management

385 Southard Ave., Bldg. 500, 3rd Floor, NY, NY

**Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) Performed
by EPA 40 CFR Part 763 Final Rule (AHERA)**

Sample	Volume	Area Analyzed	Non Asb	Asbestos Type(s)	Structures 0.5µ-5 µ	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm ³)	(S/cc)	Notes
1 6012 -1	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048
2 6012 -2	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048
3 6012 -3	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048
4 6012 -4	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048
5 6012 -5	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048
6 6012 -6	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048
7 6012 -7	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048
8 6012 -8	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048

MARK PEYSAKHOV

Analyzed by:

MICHAEL A. GORYCKI, Ph.D.

Approved by:

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Accredited for NVLAP PLM/TEM #10*167-C NY State ELAP #10879

6012

1 of 2

Client: Gateway Plaza Mgmt. 8/11
 Sampled By: A. Rodriguez Sr.
 Work Area: 385 Southern Ave NYC - Bldg. 500 - 3rd Flr.

Asbestos Air Sampling Data Form

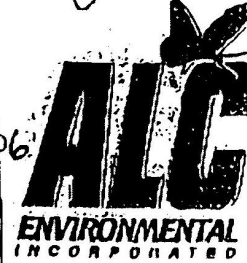
64894-65904

Date: 11-30-01

Rotometer #: #2

Project #: Cassette - EMS #1506

Sample # Lab #	Sample Location	Code	Time		Total Minutes	Flow Rate		Total Volume	# Fibers /100 Fields	Results (f/cc)
			Start	Stop		Start	Stop			
1	Apt # <u>P11</u> - Living Rm.	4	1030	1330	180	10.0	10.0	1800		
2	Apt # <u>P11</u> - Living Rm.	4	1032	1332	180	10.0	10.0	1800		
3	3rd floor Hallway middle	4	1034	1334	180	10.0	10.0	1800		
4	Apt # <u>P11</u> - Living Rm.	4	1036	1336	180	10.0	10.0	1800		
5	Apt # <u>P11</u> - Living Rm.	4	1400	1700	180	10.0	10.0	1800		
6	Apt # <u>P11</u> - Living Rm.	4	1403	1703	180	10.0	10.0	1800		
7	3rd floor Hallway middle	4	1405	1705	180	10.0	10.0	1800		
8	Apt # <u>P11</u> - Living Rm.	4	1407	1707	180	10.0	10.0	1800		



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1. Pre-Test
 2. Project
 3. Final
 4. Investigative
 5. Personal
 6. During
 A. Aggressive
 D. Dormant
 I. Inside Work Area
 O. Outside Work Area
 E. Excursion
 T. TWA

☒ TEM AHERA
☐ TEM Filtered

☐ PCM NIOSH 7400

Transcribed

☐ ASAP
☐ 2 Day (48hr)

☐ Same Day (12hr)
☒ 3 days

Signature: [Signature] Date/Time: 11/30/01
 Received: ATC JD Date/Time: 12/01/01 14:00
 Disposal By/Date: 12/03 11:00

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ATC Associates

104 East 25 Street, New York, NY 10010
 Phone: (212) 353-8280 Fax: (212) 353-8306



Attn: Mr. Joshua Saret
 ALC Environmental
 115 W. 30th Street

New York NY 10001

Fax: (212) 279-6747 Phone: (212) 279-1001

Received: 12/4/01 8:00:00 AM

ATC Group #: 6030

Analysis Date: 12/5/01

Project: Gateway Plaza Management

**Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) Performed
 by EPA 40 CFR Part 763 Final Rule (AHERA)**

Sample	Volume	Area Analyzed	Non Asb	Asbestos Type(s)	Structures 0.5µ-5 µ	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm ³) (S/cc)	Notes
1 6030 -1	1800.00	0.0450	0	None Detected	0	0.0048	<22.24 <0.0048	
2 6030 -2	1800.00	0.0450	0	None Detected	0	0.0048	<22.24 <0.0048	
3 6030 -3	1800.00	0.0450	0	None Detected	0	0.0048	<22.24 <0.0048	
4 6030 -4	1800.00	0.0450	0	None Detected	0	0.0048	<22.24 <0.0048	
5 6030 -5	1800.00	0.0450	0	None Detected	0	0.0048	<22.24 <0.0048	
6 6030 -6	1800.00	0.0450	0	None Detected	0	0.0048	<22.24 <0.0048	

MARK PEYSAKHOV

Analyzed by

MICHAEL A. GORYCKI, Ph.D.

Approved by

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Accredited for NVLAP PLM/TEM #101187-0 NY State ELAP #10879

6030

- 07 +

Asbestos Air Sampling Data Form

Client:

Gateway Plaza Mgmt.

Sampled By:

A. Rodriguez Jr.

Date:

12-3-01

Work Area:

355 Southern Ave. NYC - Bldg. 200 - 3rd Flr. - Tassette EMS #1506

Rotometer #:

#2

Project #:

Sample # Lab #	Sample Location	Code	Time		Total Minutes	Flow Rate		Total Volume	# Fibers /100 Fields	Results (f/cc)
			Start	Stop		Start	Stop			
1	Apt # <u>PII</u> - Living Rm.	4	1030	1330	180	10.0	10.0	1800		
2	Apt # <u>PII</u> - Living Rm.	4	1032	1332	180	10.0	10.0	1800		
3	3rd floor Hallway Middle	4	1034	1334	180	10.0	10.0	1800		
4	Apt # <u>PII</u> - Living Rm.	4	1400	1700	180	10.0	10.0	1800		
5	Apt # <u>PII</u> - Living Rm.	4	1403	1703	180	10.0	10.0	1800		
6	3rd floor Hallway Middle	4	1405	1705	180	10.0	10.0	1800		
7	Field Blank									
8										
9	Sealed Blank									

Codes

1. Pre-Test
2. Project

3. Final
4. Investigative

5. Personal
6. During

A. Aggressive
D. Dormant

I. Inside Work Area
O. Outside Work Area

B. Excursion
T. TWA

Analysis

☒ TEM AHERA
☐ TEM Philadelphia

☐ PCM NIOSH 7000

Turnaround

☐ ASAP
☐ 2 Day (48hr)

☐ Same Day (12hr)
☒ 2 days

Relinquished

[Signature]

Date/Time

Received

ATC FD

Date/Time

12/04/01

Analyst

[Signature]

Disposal By/Date

12/05 8:30

[Signature]

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ATC Associates

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Phone: (212) 353-8280 Fax: (212) 353-8306



Attn: Mr. Joshua Sarett
ALC Environmental

115 W. 30th Street

New York NY 10001

Fax: (212) 279-6747

Phone: (212) 279-1001

Project: Gateway Plaza Management

345 Southard Ave., Bldg. 100, 7th Floor, NY, NY

Received: 12/5/01 5:00:00 AM

ATC Group #: 6039

Analysis Date: 12/5/01

**Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) Performed
by EPA 40 CFR Part 763 Final Rule (AHERA)**

Sample	Volume	Area Analyzed	Non Asb	Asbestos Type(s)	Structures		Analytical Sensitivity (S/cc)	Asbestos Concentration		Notes
					0.5µ-5µ	5µ		(S/mm ³)	(S/cc)	
1 6039 -1	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
2 6039 -2	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
3 6039 -3	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
4 6039 -4	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
5 6039 -5	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
6 6039 -6	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	

MARK PEYSAKHOV

Analyzed by

MICHAEL A. GORYCKI, Ph.D.

Approved by

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Accredited for NVLAP PLM/TEM #101187-0 NY State ELAP #10879

ATC Associates

104 East 25 Street, New York, NY 10010

Phone: (212) 353-8280

Fax: (212) 353-8306



Attn: Mr. Joshua Sarett

ALC Environmental

115 W. 30th Street

New York

NY 10001

Fax: (212) 279-6747

Phone: (212) 279-1001

Received: 12/6/01

8:00:00 AM

ATC Group #: 6054

Analysis Date: 12/6/01

Project: Gateway Plaza Management

385 Southard Ave., Bldg. 500, 3rd Floor, NY, NY

**Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) Performed
by EPA 40 CFR Part 763 Final Rule (AHERA)**

Sample	Volume	Area Analyzed	Non Ash	Asbestos Type(s)	Structures 0.5µ-5 µ		Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm ³) (S/cc)		Notes
1 6054 -1	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
2 6054 -2	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
3 6054 -3	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
4 6054 -4	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
5 6054 -5	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
6 6054 -6	1800.00	0.0450	0	CHRYSTILE	0	1	0.0048	22.24	0.0048	

MARK PEYSAKHOV

Analyzed by

MICHAEL A. GORYCKI Ph.D.

Approved by

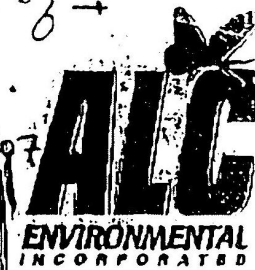
Disclaimer: The laboratory is not responsible for data reported in structures/cc, which is dependent on volume collected by non-laboratory personnel. This lab is only responsible for data reported in structures/mm³. This report may not be reproduced, except in full, without written approval by ATC Associates Inc. This report may not be used to claim product endorsement by NVLAP or any other agency of the U.S. Government. This report relates only to the samples reported above. Quality control data (including 95% confidence limits and laboratory and analysis accuracy and precision) is available upon request.

Accredited for NVLAP PLM/TEM #101187-0 NY State ELAP #10879

6054

Asbestos Air Sampling Data Form

Client: Gateway Plaza Mgmt. Date: 12-5-01
 Sampled By: A. Langerick Jr. Rotometer #: #2 Project #:
 Work Area: 385 Southend Ave. NYC - Bldg. 500 - 7th Flr. - Cassette BMS2707



Sample # Lab #	Sample Location	Code	Time		Total Minutes	Flow Rate		Total Volume	# Fibers /100 Fields	Results (f/cc)
			Start	Stop		Start	Stop			
1	Apt # <u>PII</u> - Living Rm.	4	1135	1435	180	10.0	10.0	1800		
2	7th floor Hallway middle	4	1137	1437	180	10.0	10.0	1800		
3	Apt # <u>PII</u> - Living Rm.	4	1140	1440	180	10.0	10.0	1800		
4	Apt # <u>PII</u> - Living Rm.	4	1445	1745	180	10.0	10.0	1800		
5	 7th floor Hallway middle	4	1447	1747	180	10.0	10.0	1800		
6	Apt # <u>PII</u> - Living Rm.	4	1449	1749	180	10.0	10.0	1800		
7	Field Blank's									
8										
9	Sealed Blank									

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Codes: 1. Pre-Test 2. Project 3. Final 4. Investigative 5. Personal 6. During A. Aggressive D. Dormant I. Inside Work Area O. Outside Work Area B. Excursion T. TWA

Analysis: ☒ TEM AHERA ☐ TEM Philadelphia ☐ PCM NIOSH 7400 Turnover: ☐ ARAP ☐ 2 Day (48hr) ☐ Same Day (12hr) ☒ 2 days

Relinquished: Date/Time: Received: ATC JD Date/Time: 12/06/01
 Analyst: Disposal By/Date:

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 Home Office: The Bellevue • Suite 600 • 200 S. Broad Street • Philadelphia PA 19102 • 215 732 9499 • 888 789 8378 • Fax: 215 732 9559

ATC Associates

104 East 25 Street, New York, NY 10010

Phone: (212) 353-8280 Fax: (212) 353-8306

Attn: Mr. Joshua Sarett
ALC Environmental

115 W 30th Street

New York NY 10001

Fax: (212) 279-6747

Phone: (212) 279-1001

Received: 12/7/01 8:00:00 AM

ATC Group #: 6061

Analysis Date: 12/7/01

Project: Gateway Plaza Management

**Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) Performed
by EPA 40 CFR Part 763 Final Rule (AHERA)**

Sample	Volume	Area Analyzed	Non Asb	Asbestos Type(s)	Structures		Analytical Sensitivity (S/cc)	Asbestos Concentration		Notes
					0.5µ-5 µ	5µ		(S/mm ²)	(S/cc)	
1 6061 -1	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
2 6061 -2	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
3 6061 -3	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
4 6061 -4	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
5 6061 -5	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
6 6061 -6	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	

MARK PEYSAKHOV

Analyzed by

MICHAEL A. GORYCKI, Ph.D.

Approved by

Disclaimer: The laboratory is not responsible for data reported in structures/cc which is dependent on volume collected by non-laboratory personnel. This lab is only responsible for data reported in structures/mm². This report may not be reproduced, except in full, without written approval by ATC Associates Inc. This report may not be used to claim product endorsement by NVLAP or any other agency of the U.S. Government. This report relates only to the samples reported above. Quality control data (including 95% confidence limits and laboratory and analysts' accuracy and precision) is available upon request.

Accredited for NVLAP PLW/TEM #101187-0 NY State ELAP #10879

6001

171

Asbestos Air Sampling Data Form

Client:

Gateway Plaza Mgmt.

Date:

12-6-01

Sampled By:

A. Rodriguez Jr.

Rotometer #:

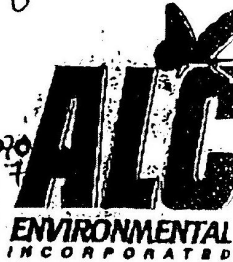
#2

Project #:

Work Area:

355 Southern Ave. NYC - Bldg. 200 - 6th Flr.

Passette: Refer to



Sample # Lab #	Sample Location	Code	Time		Total Minutes	Flow Rate		Total Volume	# Fibers /100 Fields	Results (f/cc)
			Start	Stop		Start	Stop			
1	Apt # <u>PII</u> Living Rm.	4	1030	1330	180	10.0	10.0	1800		
2	6th floor Hallway middle.	4	1032	1332	180	10.0	10.0	1800		
3	Apt # <u>PII</u> Living Rm.	4	1034	1334	180	10.0	10.0	1800		
4	Apt # <u>PII</u> Living Rm.	4	1400	1700	180	10.0	10.0	1800		
5	6th floor Hallway middle.	4	1403	1703	180	10.0	10.0	1800		
6	Apt # <u>PII</u> Living Rm.	4	1405	1705	180	10.0	10.0	1800		
7	Field Blank									
8										
9	Sealed Blank									

Codes 1. Pre-Test 2. Project 3. Final 4. Investigative 5. Personal A. Aggressive D. Dormant I. Inside Work Area O. Outside Work Area E. Excursion T. TWA

Analysis

☒ TEM AHRA
☐ TEM Philadelphia

☐ PCM NIOSH 7400

Turnaround

☐ ASAP
☐ 1 Day (48hr)

☒ Same Day (12hr)
☒ 7 days

Relinquished

[Signature]

Date/Time

Received

ATC JD

Date/Time 12/07/01

Analyst

[Signature]

Disposal By/Date

12/07/01 11:50

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The First Choice for Environmental Testing & Consulting

November 30, 2001

Gateway Plaza Management Corporation
375 South End Avenue
New York, New York 10280

Subject: Random Air Sampling-Ambient Air Monitoring: Gateway Plaza Buildings
Sampling Date(s): November 19, 20, 21, 26, 27, & 28

Gentlemen:

Please find enclosed the air monitoring report performed at the above referenced address in the 100, 200, 300, 400 & 500. Air sampling was conducted via Transmission Electron Microscopy (TEM) analysis at the request of the owner.

ATC Associates (ELAP #10879) analyzed the samples using the Transmission Electron Microscopy (TEM) Methodology. The results indicated that the areas achieved the acceptance criteria below <70 structures per mm² set by the federal regulations. (Please See Attached TEM Report)

According to the EPA, "In evaluating data from the World Trade Center and the surrounding areas, EPA is using a protective standard under AHERA, the Asbestos Hazard Emergency Response Act, to evaluate the risk from asbestos in the outdoor and indoor air. This is a very stringent standard that is used to determine whether children may re-enter a school building after asbestos has been removed or abated. It is based on assumptions of long-term exposure. EPA has chosen to use this standard, because it is the most stringent and protective, even though it is unlikely that the public will be exposed to asbestos from the World Trade Center site for extended periods of time.

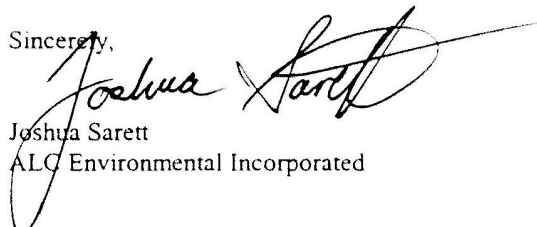
To determine asbestos levels, air filters are collected from monitoring equipment through which air in the school building has passed and viewed through a microscope. The number of structures - material that has asbestos fibers on or in it - is then counted. The measurements must be 70 or fewer structures per square millimeter before children are allowed inside.

There is also a federal standard for asbestos exposure under OSHA, the Occupational Safety and Health Act, which is used to protect workers on-the-job. The standard is .1 fiber per cubic centimeter averaged over an eight-hour day. To be as protective as possible, EPA is using the school re-entry standard in tests around the World Trade Center.

Levels above 70 structures per square millimeter do NOT imply an immediate health threat. Asbestos exposure becomes a health concern when high concentrations of asbestos fibers are inhaled over a long period. Illness is very unlikely to result from a single, high-level exposure, or from a short period of exposure to lower levels."

The air samples were collected by Americo Rodriguez Jr. ((License #AH 89-07160)) NY State Department of Labor Project Monitor.

Sincerely,


Joshua Sarett
ALC Environmental Incorporated

115 West 30th Street • 11th Floor • New York, New York 10001 • 212 279 1001 • 888 466 3620 • Fax: 212 279 6747

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Scope of Work

2.1 Air Sampling Procedures

ALC's licensed technician collected air samples using the TEM Methodology.

The air samples were collected using high volume air sampling pumps. Once the pumps were in place the air sampling technician recorded the location, time, date, sample numbers, pump number, flow rate, start and stop times and his initials.

The air cassette was independent of the pump motor. This is to prevent the vibrations of the motor from affecting the fibers in the cassette. A separate stand or tripod was used to hold the cassette in place. The cassette was angled 45 degrees downward from the horizontal stand. This is to insure that no asbestos will drop into the cassette while sampling.

Using a rotameter, we calibrated each pump to the required flow rate, noting this rate on the sample record. After calibrating the pumps, the end cap from the cassette was removed; the pump was turned on and run for the required amount of time.

The sampling pumps were checked periodically to ensure they were still operating, the cassettes were still in place, and no one has disturbed the equipment. If at any time the area being sampled was suspected of having high fiber counts, the filter inside the cassettes were examined for "overloading", or an excessive amount of fibers and/or debris on the filter.

When the pre-determined volume of air has been collected, the technician then calibrated the sampling pump again to determine the current flow rate. This rate will often be different from the flow rate measured at the beginning of the sampling period. That difference is usually due to the clogging of the filter, thereby adding increased resistance to the flow of air.

Once the pre-determined volume of air has been reached, the time was recorded as well as on the cassette. Before the pump was turned off, the cassette was angled upward and the cap replaced and the end plug. The cassettes were placed in sealed containers, labeled with an identifying code and a sample log was kept. The samples were then submitted to the laboratory to be analyzed for asbestos content. A chain of custody record was prepared and accompanied the samples to the laboratory.

2.2 Asbestos Analysis and Methodology

Each air sample is cross-referenced by field designation and lab internal code to ensure proper, consistent handling through a chain of custody. Sample preparation takes place within a HEPA Filter clean bench to avoid any possible contamination. Air sampling was conducted at a level approximating the breathing zone of persons anticipated to be present in the area during normal operations. Samples collected represent the typical airborne fiber concentration of the area.

3. Findings and Conclusions

Thirty six (36) air samples were collected and analyzed via TEM Methodology. The results indicated that the areas achieved the acceptance criteria below <70 structures per mm² set by the above regulations.

4. Limitations and Exclusions

All the professional opinions presented in this report are based solely on the scope of work conducted and sources referred to in our report. The data presented by ALC in this report was collected and analyzed using generally accepted industry methods and practices at the time the report was generated. This report represents the conditions, locations, and materials that were observed at the time the fieldwork was conducted. No inferences regarding other conditions, locations, or materials, at a later or earlier time may be made based on the contents of the report. No other warranty, express or limited is made. ALC's liability and that of its contractors and subcontractors, arising from any services rendered hereunder, shall not exceed the total fee paid by the client to ALC for this project. This report was prepared for the sole use of our client. The use of this report by anyone other than our client or ALC is strictly prohibited without the expressed written consent of ALC. Portions of this report may not be used independent of the entire report.



New York New York 10010
www.atc-enviro.com
212 353 8280
Fax 212 353 8306

November 29, 2001

ALC Environmental
115 W. 30th Street
New York, NY 10001
Attn: Mr. Joshua Sarett

Re: Report of TEM Analysis

Dear Mr. Sarett:

Following are the results of transmission electron microscopy (TEM) analysis of air samples from our Group No. 5990.

Client: Gateway Plaza Mngt. Corp.
Project Name: Building 100 at Gateway Plaza - 345 South End Ave.
Location: 5th Floor
Samples received: 11/29/01

These results will confirm and document the data transmitted today to you. The analyses were performed in strict conformance with the methodology of the AHERA Final Rule (CFR October 30, 1987) for clearance of abatement sites. The results are as indicated on the attached document.

Results reported as Struct/cc are a function of air volume collected in the field and are, as such, not verifiable by this laboratory. This report may be reproduced only in its entirety and not without prior permission of this laboratory. If the post-abatement inside samples pass, the response action may be considered to have been completed. The analyses were supervised by Dr. Michael A. Gorycki, Director of Electron Microscopy.

We are pleased to note that our TEM lab has received full accreditation from NVLAP, as is currently required for recognized analysis of TEM air samples for AHERA projects, and also approval under the NY State DOH ELAP program. These analyses were performed by ATC d/b/a ATC Associates Inc.

Please contact me regarding any questions relating to these materials.

Very truly yours,

Michael A. Gorycki, Ph.D.
Director of Electron Microscopy

ATC Associates

104 East 25 Street, New York, NY 10010

Phone: (212) 353-8280

Fax: (212) 353-8306



Attn: Mr. Joshua Saren
ALC Environmental
115 W. 30th Street

New York

NY 10001

Fax: (212) 279-6747

Phone: (212) 279-1001

Received: 11/29/01 7:00:00 AM

ATC Group #: 5990

Analysis Date: 11/29/01

Project: Gateway Plaza Management

**Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) Performed
by EPA 40 CFR Part 763 Final Rule (AHERA)**

Sample	Volume	Area Analyzed	Non Asb	Asbestos Type(s)	Structures 0.5µ-5 µ	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm ³)	(S/cc)	Notes
1 5990 -1	1800.00	0.0450	0	None Detected	0	0.0048	< 22.24	< 0.0048	
2 5990 -2	1800.00	0.0450	0	None Detected	0	0.0048	< 22.24	< 0.0048	
3 5990 -3	1800.00	0.0450	0	None Detected	0	0.0048	< 22.24	< 0.0048	
4 5990 -4	1800.00	0.0450	0	None Detected	0	0.0048	< 22.24	< 0.0048	
5 5990 -5	1800.00	0.0450	0	None Detected	0	0.0048	< 22.24	< 0.0048	
6 5990 -6	1800.00	0.0450	0	None Detected	0	0.0048	< 22.24	< 0.0048	

MARK PEYSAKHOV

Analyzed by

MICHAEL A. GORYCKI, Ph.D.

Approved by:

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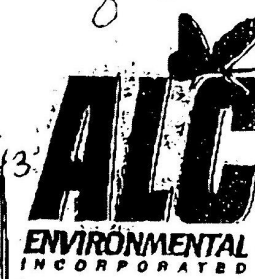
Accredited for NVLAP PLM/TEM #101187-0, NY State ELAP #10879

#100

5990

Asbestos Air Sampling Data Form

Client: Gateway Plaza MGMT. Date: 11-28-01
 Sampled By: A. Rodriguez Jr. Rotometer #: #2 Project #:
 Work Area: 345 Southend Ave. NYC - Bldg. 100 - 5th Flr. Cassette Zefon #1743



Sample # Lab #	Sample Location	Code	Time		Total Minutes	Flow Rate		Total Volume	# Fibers /100 Fields	Results (f/cc)
			Start	Stop		Start	Stop			
1	Apt # PII - Living Rm.	4	1030	1330	180	10.0	10.0	1800		
2	5th floor Hallway middle.	4	1032	1332	180	10.0	10.0	1800		
3	Apt # PII - Living Rm.	4	1034	1334	180	10.0	10.0	1800		
4	Apt # PII - Living Rm.	4	1400	1700	180	10.0	10.0	1800		
5	5th floor Hallway middle.	4	1403	1703	180	10.0	10.0	1800		
6	Apt # PII - Living Rm.	4	1406	1706	180	10.0	10.0	1800		
7	Field Blank									
8										
9	Sealed Blank									

Codes: 1. Pre-Test 2. Project 3. Final 4. Investigative 5. Personal 6. During A. Aggressive D. Dormant I. Inside Work Area O. Outside Work Area B. Excursion T. TWA

Analysis: ☒ TEM/ASAP ☐ TEM/Philadelphia ☐ PCM NIOSH 7400 ☐ ASAP ☐ 2 Day (48hr) ☐ Same Day (12hr) ☒ 3 days

Relinquished [Signature] Date/Time Received HFC JD Date/Time 11/29/01 7:00
 Analyst [Signature] Disposal By/Date 11/29 12:00

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 Fax 212.353.8308

November 29, 2001

ALC Environmental
 115 W. 30th Street
 New York, NY 10001
 Attn: Mr. Joshua Sarett

Re: Report of TEM Analysis

Dear Mr. Sarett:

Following are the results of transmission electron microscopy (TEM) analysis of air samples from our Group No. 5983

Client: Gateway Plaza Mngt. Corp
 Project Name: Building 200 at Gateway Plaza - 355 South End Ave.
 Location: 19th Floor
 Samples received: 11/28/01

These results will confirm and document the data transmitted today to you. The analyses were performed in strict conformance with the methodology of the AHERA Final Rule (CFR October 30, 1987) for clearance of abatement sites. The results are as indicated on the attached document

Results reported as Struct/cc are a function of air volume collected in the field and are, as such, not verifiable by this laboratory. This report may be reproduced only in its entirety and not without prior permission of this laboratory. If the post-abatement inside samples pass, the response action may be considered to have been completed. The analyses were supervised by Dr. Michael A. Gorycki, Director of Electron Microscopy.

We are pleased to note that our TEM lab has received full accreditation from NVLAP, as is currently required for recognized analysis of TEM air samples for AHERA projects, and also approval under the NY State DOH ELAP program. These analyses were performed by ATC d/b/a ATC Associates Inc.

Please contact me regarding any questions relating to these materials.

Very truly yours,

Michael A. Gorycki, Ph.D.
 Director of Electron Microscopy

ATC Associates

104 East 25 Street, New York, NY 10010

Phone: (212) 353-8280 Fax: (212) 353-8306

Attn: Mr. Joshua Sarent
ALC Environmental

115 W 30th Street

New York

NY 10001

Fax: (212) 279-6747

Phone: (212) 279-1001

Project: Gateway Plaza Management

355 Southern Avenue, Bldg 200, 19th Floor, NYC

Received: 11/28/01 7:00:00 AM

ATC Group #: 5983

Analysis Date: 11/29/01

**Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) Performed
by EPA 40 CFR Part 763 Final Rule (AHERA)**

Sample	Volume	Area Analyzed	Non Asb	Asbestos Type(s)	Structures 0.5µ-5 µ	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm ²)	(S/cc)	Notes
1 5983 -1	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048
2 5983 -2	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048
3 5983 -3	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048
4 5983 -4	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048
5 5983 -5	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048
6 5983 -6	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048

MARK PEYSAKHOV

Analyzed by

MICHAEL A. GORYCKI, Ph.D.

Approved by

Disclaimer: The laboratory is not responsible for data reported in structures/cc, which is dependent on volume collected by non-laboratory personnel. This lab is only responsible for data reported in structures/mm². This report may not be reproduced, except in full, without written approval by ATC Associates Inc. This report may not be used to claim product endorsement by NVLAP or any other agency of the U.S. Government. This report relates only to the samples reported above. Quality control data (including 95% confidence limits and laboratory and analysis accuracy and precision) is available upon request.

Accredited for NVLAP PLM/TEM #101187-0, NY State ELAP #10679

5983

Asbestos Air Sampling Data Form

Client: Gateway Plaza Mgmt. Date: 6/9 65344-65352
 Sampled By: A. Korkin Rotometer #: #2 11-27-01
 Work Area: 355 South End Ave. NYC - Bldg 200 - 19th Flr. - Cassette # 767611743 Project #:

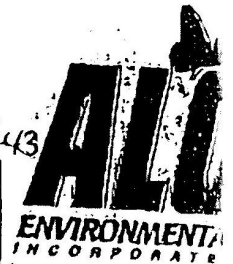
Sample # Lab #	Sample Location	Code	Time		Total Minutes	Flow Rate		Total Volume	# Fibers /100 Fields	Results (l/cc)
			Start	Stop		Start	Stop			
1	Apt # <u>P11</u> - Living Rm.	4	1030	1330	180	10.0	10.0	1800		
2	19th floor Hallway East.	4	1032	1332	180	10.0	10.0	1800		
3	Apt # <u>P11</u> - Living Rm.	4	1034	1334	180	10.0	10.0	1800		
4	Apt # <u>P11</u> - Living Rm.	4	1400	1700	180	10.0	10.0	1800		
5	19th floor Hallway East.	4	1403	1703	180	10.0	10.0	1800		
6	Apt # <u>P11</u> - Living Rm.	4	1406	1706	180	10.0	10.0	1800		
7	Field Blank									
8										
9	Sealed Blank									

Codes: 1. Pre-Test 2. Project 3. Final 4. Investigative 5. Personal 6. During A. Aggressive D. Dormant L. Inside Work Area O. Outside Work Area B. Excursion T. TWA

Analysis: ☒ TEM AHERA ☐ TEM Philadelphia ☐ PCM NIOSH 7400 ☐ Turnaround ☐ ASAP ☐ 2 Day (48hr) ☒ Same Day (12hr) ☒ 3 days

Relinquished Analyst: [Signature] Date/Time: 6/9/01 Received: AFC JA Date/Time: 6/9/01 10:00
 Disposal By/Date: 4/28

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 Fax 212 353 8306

November 27, 2001

ALC Environmental
 115 W. 30th Street
 New York, NY 10001
 Attn: Mr. Joshua Sarett

Re: Report of TEM Analysis

Dear Mr. Sarett:

Following are the results of transmission electron microscopy (TEM) analysis of air samples from our Group No. 5977.

Client: Gateway Plaza Mngt. Corp
 Project Name: Building 400 at Gateway Plaza - 375 South End Ave
 Location: 26th Floor
 Samples received: 11/27/01

These results will confirm and document the data transmitted today to you. The analyses were performed in strict conformance with the methodology of the AHERA Final Rule (CFR October 30, 1987) for clearance of abatement sites. The results are as indicated on the attached document.

Results reported as Struct/cc are a function of air volume collected in the field and are, as such, not verifiable by this laboratory. This report may be reproduced only in its entirety and not without prior permission of this laboratory. If the post-abatement inside samples pass, the response action may be considered to have been completed. The analyses were supervised by Dr. Michael A. Gorycki, Director of Electron Microscopy.

We are pleased to note that our TEM lab has received full accreditation from NVLAP, as is currently required for recognized analysis of TEM air samples for AHERA projects, and also approval under the NY State DOH ELAP program. These analyses were performed by ATC d/b/a ATC Associates Inc.

Please contact me regarding any questions relating to these materials.

Very truly yours,


 Michael A. Gorycki, Ph.D.
 Director of Electron Microscopy

ATC Associates

104 East 25 Street, New York, NY 10010

Phone: (212) 353-8280

Fax: (212) 353-8306

Attn: Mr. Joshua Saret
ALC Environmental

115 W 30th Street

New York

NY 10001

Fax: (212) 279-6747

Phone: (212) 279-1001

Project: Gateway Plaza Management

375 Southern Ave., Bldg. 400, 26th Floor, NY, NY

Received: 11/27/01 7:00:00 AM

ATC Group #: 5977

Analysis Date: 11/27/01

**Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) Performed
by EPA 40 CFR Part 763 Final Rule (AHERA)**

Sample	Volume	Area Analyzed	Non Asb	Asbestos Type(s)	Structures 0.5µ-5 µ	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm ²)	(S/cc)	Notes
1 5977 -1	1800.00	0.0450	0	None Detected	0	0.0048	< 22.24	< 0.0048	
2 5977 -2	1800.00	0.0450	0	None Detected	0	0.0048	< 22.24	< 0.0048	
3 5977 -3	1800.00	0.0450	0	None Detected	0	0.0048	< 22.24	< 0.0048	
4 5977 -4	1800.00	0.0450	0	None Detected	0	0.0048	< 22.24	< 0.0048	
5 5977 -5	1800.00	0.0450	0	None Detected	0	0.0048	< 22.24	< 0.0048	
6 5977 -6	1800.00	0.0450	0	None Detected	0	0.0048	< 22.24	< 0.0048	

ROMAN PEYSAKHOV

Analyzed by

MICHAEL A. GORYCKI, Ph.D.

Approved by:

Disclaimer: The laboratory is not responsible for data reported in structures/cc, which is dependent on volume collected by non-laboratory personnel. This lab is only responsible for data reported in structures/mm². This report may not be reproduced, except in full, without written approval by ATC Associates Inc. This report may not be used to claim product endorsement by NVLAP or any other agency of the U.S. Government. This report relates only to the samples reported above. Quality control data (including 95% confidence limits and laboratory and analysis accuracy and precision) is available upon request.

Accredited for NVLAP PLM/TEM #101187-0, NY State ELAP #10879

Client: 2711 Gateway Plaza Mgmt. Date: 6/9 11-26-01
 Sampled By: A. RODRIGUEZ Rotometer #: 65211-65219 # 2 Project #: 7413
 Work Area: 375 Southern ave. NYC. - Bldg. 400 - 26th Flr. Cassette: zeroon

Sample # Lab #	Sample Location	Code	Time		Total Minutes	Flow Rate		Total Volume	# Fibers /100 Fields	Results (f/cc)
			Start	Stop		Start	Stop			
1	Apt # <u>PII</u> - Living Rm.	4	1030	1330	180	10.0	10.0	1800		
2	26 th floor Hallway Middle	4	1032	1332	180	10.0	10.0	1800		
3	Apt # <u>PII</u> - Living Rm.	4	1034	1334	180	10.0	10.0	1800		
4	Apt # <u>PII</u> - Living Rm.	4	1400	1700	180	10.0	10.0	1800		
5	26 th floor Hallway Middle	4	1402	1702	180	10.0	10.0	1800		
6	Apt # <u>PII</u> - Living Rm.	4	1405	1705	180	10.0	10.0	1800		
7	Field Blanks									
8										
9	Sealed Blank									

Codes: 1. Pre-Test 2. Project 3. Final 4. Investigative 5. Personal 6. Durings A. Aggressive D. Dormant I. Inside Work Area O. Outside Work Area B. Excursion T. TWA

Analysis: ☒ TEM AHRA ☐ TEM Philadelphia ☐ PCM NIOSH 7400 ☐ ASAP ☐ 2 Day (48hr) ☒ Same Day (12hr) 3 days

Relinquished: [Signature] Date/Time: _____ Received: ATC Date/Time: 11/27/01
 Analyst: _____ Disposal By/Date: _____

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November 28, 2001

ALC Environmental
 115 W. 30th Street
 New York, NY 10001
 Attn: Mr. Joshua Sarett

Re: Report of TEM Analysis

Dear Mr. Sarett:

Following are the results of transmission electron microscopy (TEM) analysis of air samples from our Group No. 5982

Client: Gateway Plaza Mngt. Corp.
 Project Name: Building 600 at Gateway Plaza - 395 South End Ave
 Location: 25th Floor
 Samples received: 11/28/01

These results will confirm and document the data transmitted today to you. The analyses were performed in strict conformance with the methodology of the AHERA Final Rule (CFR October 30, 1987) for clearance of abatement sites. The results are as indicated on the attached document.

Results reported as Struct/cc are a function of air volume collected in the field and are, as such, not verifiable by this laboratory. This report may be reproduced only in its entirety and not without prior permission of this laboratory. If the post-abatement inside samples pass, the response action may be considered to have been completed. The analyses were supervised by Dr. Michael A. Gorycki, Director of Electron Microscopy.

We are pleased to note that our TEM lab has received full accreditation from NVLAP, as is currently required for recognized analysis of TEM air samples for AHERA projects, and also approval under the NY State DOH ELAP program. These analyses were performed by ATC d/b/a ATC Associates Inc.

Please contact me regarding any questions relating to these materials.

Very truly yours,

Michael A. Gorycki, Ph.D.
 Director of Electron Microscopy

ATC Associates

104 East 25 Street, New York, NY 10010

Phone: (212) 353-8280

Fax: (212) 353-8306

Attn: Mr. Joshua Sarent
ALC Environmental

115 W 30th Street

New York NY 10001

Fax: (212) 279-6747

Phone: (212) 279-1001

Project: Gateway Plaza Management

395 Southern Ave., Bldg 600, 25th floor, NY, NY

Received: 11/28/01 7:00:00 AM

ATC Group #: 5982

Analysis Date: 11/28/01

**Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) Performed
by EPA 40 CFR Part 763 Final Rule (AHERA)**

Sample	Volume	Area Analyzed	Non Asb	Asbestos Type(s)	Structures 0.5µ-5 µ	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm ³)	(S/cc)	Notes
1 5982 -1	1800.00	0.0450	0	None Detected	0	0.0048	<22.24	<0.0048	
2 5982 -2	1800.00	0.0450	0	None Detected	0	0.0048	<22.24	<0.0048	
3 5982 -3	1800.00	0.0450	0	None Detected	0	0.0048	<22.24	<0.0048	
4 5982 -4	1800.00	0.0450	0	None Detected	0	0.0048	<22.24	<0.0048	
5 5982 -5	1800.00	0.0450	0	None Detected	0	0.0048	<22.24	<0.0048	
6 5982 -6	1800.00	0.0450	0	None Detected	0	0.0048	<22.24	<0.0048	

MARK PEYSAKHOV

Analyzed by:

MICHAEL A. GORYCKI, Ph.D

Approved by:

Disclaimer: The laboratory is not responsible for data reported in structures/cc, which is dependent on volume collected by non-laboratory personnel. This lab is only responsible for data reported in structures/mm³. This report may not be reproduced, except in full, without written approval by ATC Associates Inc. This report may not be used to claim product endorsement by NVLAP or any other agency of the U.S. Government. This report relates only to the samples reported above. Quality control data (including 95% confidence limits and laboratory and analysis accuracy and precision) is available upon request.

Accredited for NVLAP PLM/TEM #101187-0, NY State ELAP #10879

5982

Asbestos Air Sampling Data Form

Client: GATEWAY PLAZA Management 6/9 Date: 65304-65312
 Sampled By: Shane Abbott Rotometer #: #1 Project #: 260N 1743
 Work Area: 395 South End Ave. / Blog #600 / 25th floor

Sample # Lab #	Sample Location	Code	Time		Total Minutes	Flow Rate		Total Volume	# Fibers /100 Fields	Results (f/cc)
			Start	Stop		Start	Stop			
1	Apt # PII Bedroom	3	10 ⁰⁰	1300	180	10.0	10.0	1800		
2	Apt # PII Kitchen	3	1003	1303	180	10.0	10.0	1800		
3	Apt # PII Livingroom	3	1005	1305	180	10.0	10.0	1800		
4	25th floor East Hallway	3	1008	1308	180	10.0	10.0	1800		
5	25th floor Middle Hallway	3	1010	1310	180	10.0	10.0	1800		
6	25th floor West Hallway	3	1013	1313	180	10.0	10.0	1800		
7	Field Blank									
8	Sealed Blank									
9										

Codes: 1. Pre-Test 3. Final 5. Personal A. Aggressive I. Inside Work Area B. Excursion
 2. Project 4. Investigative 6. During D. Dormant O. Outside Work Area T. TWA

Analyte: ☒ TEM AHERA ☐ TEM Philadelphia ☐ PCM NIOSH 7400 Transposed ☐ ASAP ☐ 2 Day (48hr) ☒ Same Day (12hr)

Relinquished Analyst: Shane Abbott Date/Time: _____ Received: ASC Date/Time: 11/28/01
 Analyst: _____ Disposal By/Date: _____



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www.atc-enviro.com
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Fax 212.353.8306

November 23, 2001

ALC Environmental
115 W. 30th Street
New York, NY 10001
Attn: Mr. Joshua Sarett

Re: Report of TEM Analysis

Dear Mr. Sarett:

Following are the results of transmission electron microscopy (TEM) analysis of air samples from our Group No. 5953.

Client: Gateway Plaza Mngt. Corp.
Project Name: Building 300 at Gateway Plaza - 365 South End Ave.
Location: 6th Floor
Samples received: 11/23/01

These results will confirm and document the data transmitted today to you. The analyses were performed in strict conformance with the methodology of the AHERA Final Rule (CFR October 30, 1987) for clearance of abatement sites. As indicated on the attached document, no asbestos structures were detected in any of the six samples submitted from the site.

Results reported as Struct/cc are a function of air volume collected in the field and are, as such, not verifiable by this laboratory. This report may be reproduced only in its entirety and not without prior permission of this laboratory. If the post-abatement inside samples pass, the response action may be considered to have been completed. The analyses were supervised by Dr. Michael A. Gorycki, Director of Electron Microscopy.

We are pleased to note that our TEM lab has received full accreditation from NVLAP, as is currently required for recognized analysis of TEM air samples for AHERA projects, and also approval under the NY State DOH ELAP program. These analyses were performed by ATC d/b/a ATC Associates Inc.

Please contact me regarding any questions relating to these materials.

Very truly yours,

Michael A. Gorycki, Ph.D.
Director of Electron Microscopy

ATC Associates

104 East 25 Street, New York, NY 10010

Phone: (212) 353-8280

Fax: (212) 353-8306



Attn: Mr. Joshua Sarett
ALC Environmental

115 W 30th Street

New York

NY 10001

Received: 11/23/01 5:00:00 AM

ATC Group #: 5953

Analysis Date: 11/23/01

Fax: (212) 279-6747

Phone: (212) 279-1001

Project: Gateway Plaza Management

365 Southern Ave., Bldg. 300, 6th Floor, NY, NY

**Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) Performed
by EPA 40 CFR Part 763 Final Rule (AHERA)**

Sample	Volume	Area Analyzed	Non Asb	Asbestos Type(s)	Structures 0.5µ-5µ	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm ³)	(S/cc)	Notes
1 5953 -1	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048
2 5953 -2	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048
3 5953 -3	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048
4 5953 -4	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048
5 5953 -5	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048
6 5953 -6	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048

ROMAN PEYSAKHOV

Analyzed by:

MICHAEL A. GORYCKI, Ph.D.

Approved by:

Disclaimer: The laboratory is not responsible for data reported in structures/cc, which is dependant on volume collected by non-laboratory personnel. This lab is only responsible for data reported in structures/mm³. This report may not be reproduced, except in full, without written approval by ATC Associates Inc. This report may not be used to claim product endorsement by NVLAP or any other agency of the U.S. Government. This reports relates only to the samples reported above. Quality control data (including 95% confidence limits and laboratory and analysis accuracy and precision) is available upon request.

Accredited for NVLAP PLM/TEM #101187-0, NY State ELAP #10879

Client: 5953 Gateway Plaza Mgmt. Co. 64941-64949 Date: 11-21-01
 Sampled By: A. RODRIGUEZ JR. Rotometer #: #2 Project #: 747
 Work Area: 365 Southend Ave. NYC - Bldg. 300 - 6th floor - Cassette: 2800



Sample # Lab #	Sample Location	Code	Time		Total Minutes	Flow Rate		Total Volume	# Fibers /100 Fields	Results (f/cc)
			Start	Stop		Start	Stop			
1	Apt # <u>PII</u> Living Rm.	4	1030	1330	180	10.0	10.0	1800		
2	6th floor Hallway East.	4	1032	1332	180	10.0	10.0	1800		
3	Apt # <u>PII</u> Living Rm.	4	1034	1334	180	10.0	10.0	1800		
4	Apt # <u>PII</u> Living Rm.	4	1345	1645	180	10.0	10.0	1800		
5	6th floor Hallway East.	4	1347	1647	180	10.0	10.0	1800		
6	Apt # <u>PII</u> Living Rm.	4	1349	1649	180	10.0	10.0	1800		
7	Field Blank	U								
8										
9	Sealed Blank	U								

Codes: 1. Pre-Test 2. Project 3. Final 4. Investigative 5. Personal 6. DURING A. Aggressive D. Dormant I. Inside Work Area O. Outside Work Area B. Excursion T. TWA

Analysis: ☒ TEM AIHRA ☐ TEM Philadelphia ☐ PCM NIOSH 7400 Turnaround: ☐ ASAP ☐ 2 Day (48hr) ☐ Same Day (12hr) ☒ 3 days

Relinquished: [Signature] Date/Time: 11/23/01 Received: RRJ Date/Time: 11/23/01
 Analyst: ATE-TEP By: RRJ Disposal By/Date: 5:00 AM

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November 21, 2001

ALC Environmental
115 W. 30th Street
New York, NY 10001
Attn: Mr. Joshua Sarett

Re: Report of TEM Analysis

Dear Mr. Sarett:

Following are the results of transmission electron microscopy (TEM) analysis of air samples from our Group No. 5943.

Client: Gateway Plaza Mngt. Corp.
Project Name: Building 100 at Gateway Plaza - 345 South End Ave.
Location: 6th Floor
Samples received: 11/21/01

These results will confirm and document the data transmitted today to you. The analyses were performed in strict conformance with the methodology of the AHERA Final Rule (CFR October 30, 1987) for clearance of abatement sites. As indicated on the attached document, no asbestos structures were detected in any of the six samples submitted from the site.

Results reported as Struct/cc are a function of air volume collected in the field and are, as such, not verifiable by this laboratory. This report may be reproduced only in its entirety and not without prior permission of this laboratory. If the post-abatement inside samples pass, the response action may be considered to have been completed. The analyses were supervised by Dr. Michael A. Gorycki, Director of Electron Microscopy.

We are pleased to note that our TEM lab has received full accreditation from NVLAP, as is currently required for recognized analysis of TEM air samples for AHERA projects, and also approval under the NY State DOH ELAP program. These analyses were performed by ATC d/b/a ATC Associates Inc.

Please contact me regarding any questions relating to these materials.

Very truly yours,

Michael A. Gorycki, Ph.D.
Director of Electron Microscopy

ATC Associates

104 East 25 Street, New York, NY 10010

Phone: (212) 353-8280 Fax: (212) 353-8306



Attn: Mr. Joshua Sarent

ALC Environmental

115 W 30th Street

New York

NY 10001

Fax: (212) 279-6747

Phone: (212) 279-1001

Received: 11/21/01 8:00:00 AM

ATC Group #: 5943

Analysis Date: 11/21/01

Project: Gateway Plaza Management

385 Southend Ave., Bldg. 100, 6th Floor, NY, NY

Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) Performed by EPA 40 CFR Part 763 Final Rule (AHERA)

Sample	Volume	Area Analyzed	Non Ash	Asbestos Type(s)	Structures		Analytical Sensitivity (S/cc)	Asbestos Concentration		Notes
					0.5µ-5 µ	5µ		(S/mm ²)	(S/cc)	
1 5943 -1	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
2 5943 -2	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
3 5943 -3	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
4 5943 -4	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
5 5943 -5	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	
6 5943 -6	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048	

ROMAN PEYSAKHOV

Analyzed by

RP

MICHAEL A. GORYCKI, Ph.D.

Approved by:

Disclaimer: The laboratory is not responsible for data reported in structures/cc, which is dependent on volume collected by non-laboratory personnel. This lab is only responsible for data reported in structures/mm². This report may not be reproduced, except in full, without written approval by ATC Associates Inc. This report may not be used to claim product endorsement by NVLAP or any other agency of the U.S. Government. This report relates only to the samples reported above. Quality control data (including 95% confidence limits and laboratory and analysis accuracy and precision) is available upon request.

Accredited for NVLAP PLM/TEM #101187-0, NY State ELAP #10879

Client: 5943 Gateway Plaza Mgmt. 6/9 Date: 11-20-01
 Sampled By: A. RODRIGUEZ JR. Rotameter #: #2
 Work Area: 345 South end ave. NYC - Bldg. 100 - 6th floor Project #: Cassette: Zelon #745



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Sample # Lab #	Sample Location Code	Time		Total Minutes	Flow Rate		Total Volume	# Fibers /100 Fields	Results (Ucc)
		Start	Stop		Start	Stop			
1	Apt # PII - Living Rm.	4	1035	1335	180	10.0	10.0	1800	
2	Apt # PII - Living Rm.	4	1037	1337	180	10.0	10.0	1800	
3	6th floor, Hallway West.	4	1039	1339	180	10.0	10.0	1800	
4	Apt # PII - Living Rm.	4	1345	1645	180	10.0	10.0	1800	
5	Apt # PII - Living Rm.	4	1348	1648	180	10.0	10.0	1800	
6	6th floor, Hallway West.	4	1350	1650	180	10.0	10.0	1800	
7	Field Blank's								
8									
9	Sealed Blank								

Codes: 1. Pre-Test 2. Project 3. Final 4. Investigative 5. Personal 6. Durings
 A. Aggressive D. Dormant I. Inside Work Area B. Excursion
 O. Outside Work Area T. TWA

Analysis: ☒ TEM ALPHA ☐ TEM Philadelphia ☐ PCM NIOSH 7400 Turnaround ☐ ASAP ☐ 2 Day (48hr) ☐ Same Day (12hr) ☒ 3 days

Relinquished Analyst: [Signature] Date/Time: 11-21-01 Received: AFC JD Date/Time: 11/21/01
 Disposal By/Date: _____

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November 21, 2001

ALC Environmental
115 W. 30th Street
New York, NY 10001
Attn: Mr. Joshua Sarett

Re: Report of TEM Analysis

Dear Mr. Sarett

Following are the results of transmission electron microscopy (TEM) analysis of air samples from our Group No. 5929

Client: Gateway Plaza Mngt. Corp.
Project Name: Building 500 at Gateway Plaza - 385 South End Ave.
Location: 5th Floor
Samples received: 11/19/01

These results will confirm and document the data transmitted today to you. The analyses were performed in strict conformance with the methodology of the AHERA Final Rule (CFR October 30, 1987) for clearance of abatement sites. As indicated on the attached document, no asbestos structures were detected in any of the six samples submitted from the site.

Results reported as Struct/cc are a function of air volume collected in the field and are, as such, not verifiable by this laboratory. This report may be reproduced only in its entirety and not without prior permission of this laboratory. If the post-abatement inside samples pass, the response action may be considered to have been completed. The analyses were supervised by Dr. Michael A. Gorycki, Director of Electron Microscopy.

We are pleased to note that our TEM lab has received full accreditation from NVLAP, as is currently required for recognized analysis of TEM air samples for AHERA projects, and also approval under the NY State DOH ELAP program. These analyses were performed by ATC d/b/a ATC Associates Inc.

Please contact me regarding any questions relating to these materials.

Very truly yours,

Michael A. Gorycki, Ph.D.
Director of Electron Microscopy

ATC Associates

104 East 25 Street, New York, NY 10010

Phone: (212) 353-8280

Fax: (212) 353 8306



Attn: Mr. Joshua Sarett
ALC Environmental

115 W. 30th Street

New York

NY 10001

Fax: (212) 279-6747

Phone: (212) 279-1001

Received: 11/19/01 6 00:00 PM

ATC Group #: 5929

Analysis Date: 11/21/01

Project: Gateway Plaza Management

385 Southard Ave., Bldg. 500, 5th Floor, NY, NY

**Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) Performed
by EPA 40 CFR Part 763 Final Rule (AHERA)**

Sample	Volume	Area Analyzed	Non Ash	Asbestos Type(s)	Structures 0.5µ-5 µ	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm ³)	(S/cc)	Notes
1 5929 -1	1800.00	0.0450	0	None Detected	0	0	0.0048	< 22.24	< 0.0048
2 5929 -2	1800.00	0.0450	0	None Detected	0	0	0.0048	< 22.24	< 0.0048
3 5929 -3	1800.00	0.0450	0	None Detected	0	0	0.0048	< 22.24	< 0.0048
4 5929 -4	1800.00	0.0450	0	None Detected	0	0	0.0048	< 22.24	< 0.0048
5 5929 -5	1800.00	0.0450	0	None Detected	0	0	0.0048	< 22.24	< 0.0048
6 5929 -6	1800.00	0.0450	0	None Detected	0	0	0.0048	< 22.24	< 0.0048

ROMAN PEYSAKHOV

Analyzed by

MICHAEL A. GORYCKI, Ph.D.

Approved by

Disclaimer: The laboratory is not responsible for data reported in structures/cc, which is dependent on volume collected by non-laboratory personnel. This lab is only responsible for data reported in structures/mm³. This report may not be reproduced, except in full, without written approval by ATC Associates Inc. This report may not be used to claim product endorsement by NVLAP or any other agency of the U.S. Government. This report relates only to the samples reported above. Quality control data (including 95% confidence limits and laboratory and analysis accuracy and precision) is available upon request.

Accredited for NVLAP PLM/TEM #101187-0, NY State ELAP #10879

5929 6/9
 Client: Gateway Plaza Mgmt.
 Sampled By: A. Loricul
 Work Area: 385 Southend Ave. NYC - Bldg. 500 - 5th floor
 Date: 11-19-01
 Rotometer #: #1
 Project #: Cassette: 2001-1743

Sample # Lab #	Sample Location 64780 64788	Code	Time		Total Minutes	Flow Rate		Total Volume	# Fibers /100 Fields	Results (f/cc)
			Start	Stop		Start	Stop			
1	Apt # PII - Living Rm.	4	1030	1330	180	10.0	10.0	1800		
2	5th floor Hallway West.	4	1031	1331	180	10.0	10.0	1800		
3	Apt # PII - Living Rm.	4	1033	1333	180	10.0	10.0	1800		
4	Apt # PII - Living Rm.	4	1336	1636	180	10.0	10.0	1800		
5	Apt # PII - Living Rm.	4	1337	1637	180	10.0	10.0	1800		
6	5th floor Hallway West.	4	1339	1639	180	10.0	10.0	1800		
7	Field Blank	1								
8										
9	Scaled Blank									

Codes: 1. Pre-Test 2. Project 3. Final 4. Investigative 5. Personal 6. During 7. Aggressive 8. Dormant 9. Inside Work Area 10. Outside Work Area 11. Excursion 12. TWA

Analysis: ☒ TEM AHERA ☐ TEM Philips ☐ PCM NIOSH 7400 ☐ Tomorrow ☐ ASAP ☐ 2 Day (48hr) ☒ Same Day (12hr) ☒ 3 days

Relinquished: [Signature] Date/Time: 11.21.01 14:10 Received: M. Gargal Date/Time: 11/14/01
 Analyst: [Signature] Disposal By/Date: 1800

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